

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047487.D
 Acq On : 22 Aug 2025 11:22
 Operator : JC/MD
 Sample : VX0822WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Quant Time: Aug 25 01:24:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	232449	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	415073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	202080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171028	52.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.140%			
35) Dibromofluoromethane	5.391	113	130007	48.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.520%			
50) Toluene-d8	8.647	98	449419	46.675	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.360%			
62) 4-Bromofluorobenzene	11.079	95	176754	49.746	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	51174	17.270	ug/l	99
3) Chloromethane	1.313	50	44538	16.708	ug/l	98
4) Vinyl Chloride	1.392	62	58849	17.589	ug/l	93
5) Bromomethane	1.630	94	23511	17.397	ug/l	94
6) Chloroethane	1.703	64	38529	18.821	ug/l	99
7) Trichlorofluoromethane	1.904	101	91060	18.400	ug/l	97
8) Diethyl Ether	2.148	74	36013	20.666	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	53596	18.669	ug/l	99
10) Methyl Iodide	2.471	142	66149	13.446	ug/l	97
11) Tert butyl alcohol	2.953	59	32571	115.088	ug/l	99
12) 1,1-Dichloroethene	2.337	96	54939	18.772	ug/l	96
13) Acrolein	2.246	56	69385	116.141	ug/l	100
14) Allyl chloride	2.678	41	99953	19.663	ug/l	98
15) Acrylonitrile	3.081	53	144182	105.431	ug/l	99
16) Acetone	2.392	43	128916	105.426	ug/l	98
17) Carbon Disulfide	2.526	76	155587	17.617	ug/l	99
18) Methyl Acetate	2.709	43	70950	22.390	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	186480	20.944	ug/l	97
20) Methylene Chloride	2.800	84	66440	20.519	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	58539	18.845	ug/l	97
22) Diisopropyl ether	3.770	45	215371	21.434	ug/l	99
23) Vinyl Acetate	3.733	43	859031	104.303	ug/l	100
24) 1,1-Dichloroethane	3.623	63	113640	20.009	ug/l	97
25) 2-Butanone	4.562	43	176691	110.329	ug/l	99
26) 2,2-Dichloropropane	4.483	77	85341	19.909	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	72888	20.146	ug/l	98
28) Bromochloromethane	4.904	49	52453	22.194	ug/l	98
29) Tetrahydrofuran	5.026	42	104993	101.432	ug/l	98
30) Chloroform	5.099	83	121232	20.915	ug/l	98
31) Cyclohexane	5.483	56	94533	18.056	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	96493	19.341	ug/l	98
36) 1,1-Dichloropropene	5.696	75	76562	18.004	ug/l	99
37) Ethyl Acetate	4.721	43	72556	16.435	ug/l	97
38) Carbon Tetrachloride	5.684	117	83963	18.068	ug/l	98
39) Methylcyclohexane	7.385	83	87969	16.584	ug/l	99
40) Benzene	6.044	78	244459	19.206	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	36243	19.468	ug/l	97
42) 1,2-Dichloroethane	6.086	62	89482	19.847	ug/l	99
43) Isopropyl Acetate	6.348	43	126571	19.957	ug/l	99
44) Trichloroethene	7.129	130	60557	18.581	ug/l	100
45) 1,2-Dichloropropane	7.434	63	64005	20.072	ug/l	95
46) Dibromomethane	7.580	93	45646	19.717	ug/l	97
47) Bromodichloromethane	7.824	83	96072	20.018	ug/l	98
48) Methyl methacrylate	7.696	41	64383	19.558	ug/l	99
49) 1,4-Dioxane	7.690	88	12964	405.097	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	366900	100.531	ug/l	97
52) Toluene	8.720	92	151845	19.306	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	85073	20.311	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	96096	20.269	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	61171	20.484	ug/l	98
56) Ethyl methacrylate	9.116	69	88107	20.012	ug/l	99
57) 1,3-Dichloropropane	9.305	76	104397	20.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	176711	89.599	ug/l	98
59) 2-Hexanone	9.433	43	248238	98.330	ug/l	99
60) Dibromochloromethane	9.519	129	72418	20.406	ug/l	98
61) 1,2-Dibromoethane	9.610	107	60377	19.607	ug/l	99
64) Tetrachloroethene	9.275	164	50131	17.750	ug/l	98
65) Chlorobenzene	10.079	112	174653	18.823	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	59666	19.022	ug/l	98
67) Ethyl Benzene	10.189	91	289354	18.118	ug/l	100
68) m/p-Xylenes	10.299	106	221576	37.209	ug/l	100
69) o-Xylene	10.640	106	106294	18.548	ug/l	100
70) Styrene	10.653	104	186142	19.224	ug/l	99
71) Bromoform	10.799	173	44798	19.011	ug/l #	99
73) Isopropylbenzene	10.957	105	273545	17.298	ug/l	99
74) N-amyl acetate	10.842	43	104769	17.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87283	18.799	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	67433m	18.194	ug/l	
77) Bromobenzene	11.195	156	70615	18.287	ug/l	99
78) n-propylbenzene	11.299	91	330035	17.475	ug/l	100
79) 2-Chlorotoluene	11.360	91	202982	17.779	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	231822	17.817	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	11110	18.845	ug/l	97
82) 4-Chlorotoluene	11.451	91	240627	17.879	ug/l	100
83) tert-Butylbenzene	11.713	119	229135	17.652	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	237410	18.246	ug/l	99
85) sec-Butylbenzene	11.890	105	283969	17.649	ug/l	99
86) p-Isopropyltoluene	12.006	119	236780	17.391	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	131601	17.839	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	134836	17.771	ug/l	98
89) n-Butylbenzene	12.329	91	219671	17.347	ug/l	100
90) Hexachloroethane	12.536	117	38492	16.115	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	127172	18.162	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16058	17.884	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	81591	17.381	ug/l	98
94) Hexachlorobutadiene	13.719	225	27743	16.604	ug/l	97
95) Naphthalene	13.774	128	240627	17.938	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	77660	17.551	ug/l	98

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ClientSampleId :
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

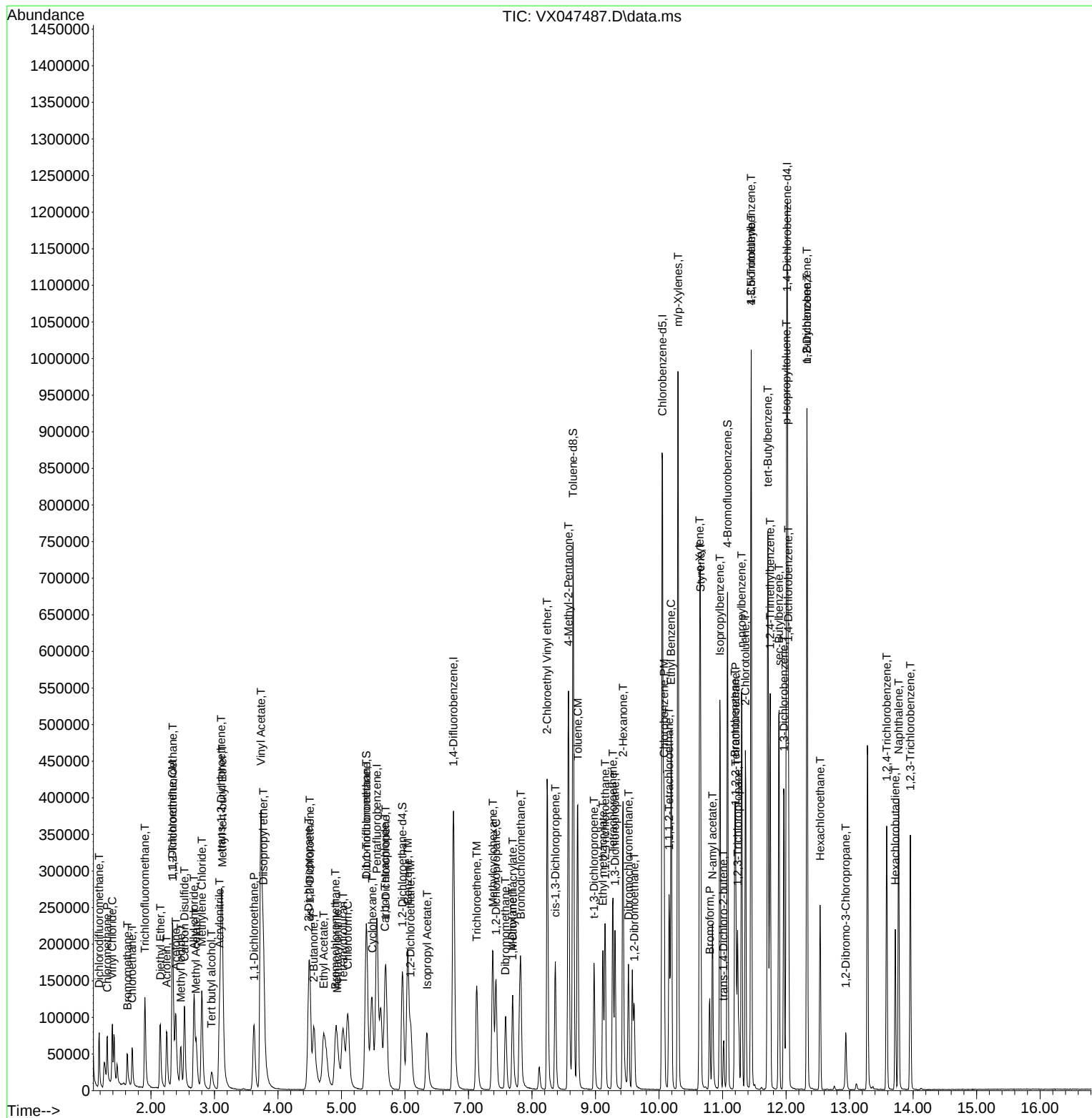
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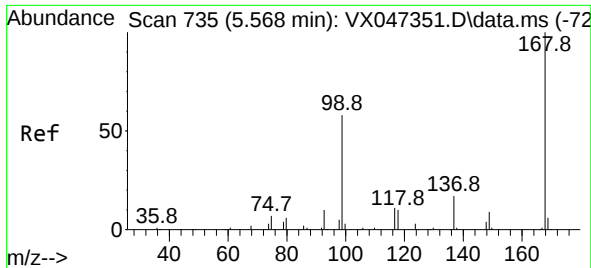
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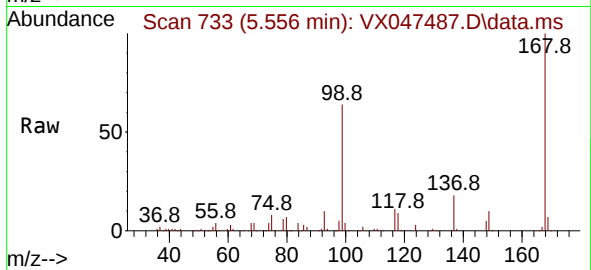
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
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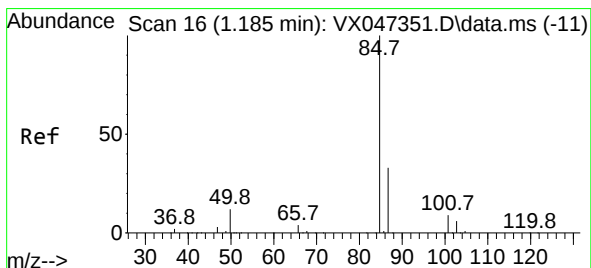
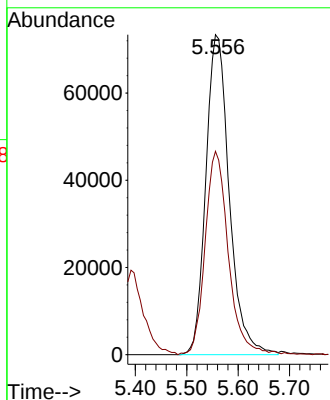
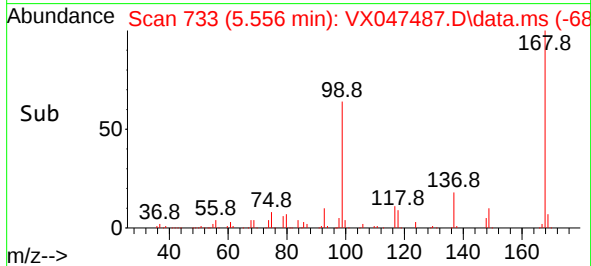
Instrument :
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VX0822WBS01



Tgt Ion:168 Resp: 232449
Ion Ratio Lower Upper
168 100
99 63.5 47.9 71.9

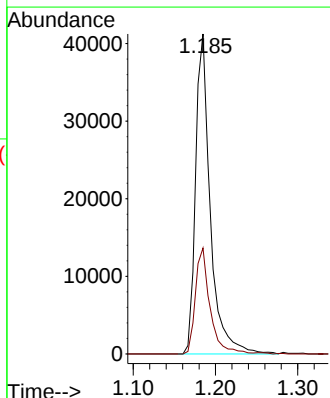
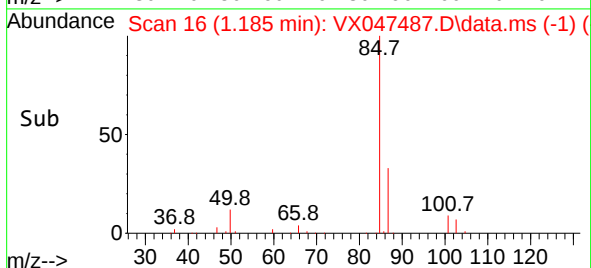
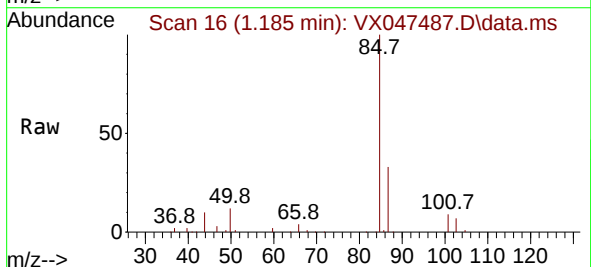
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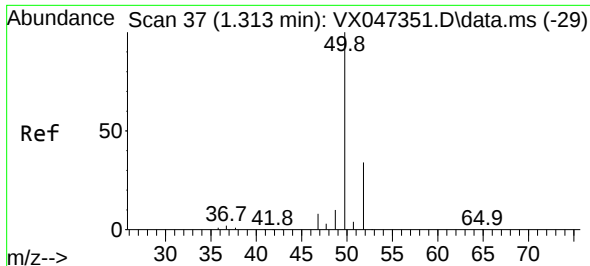
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#2
Dichlorodifluoromethane
Concen: 17.270 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

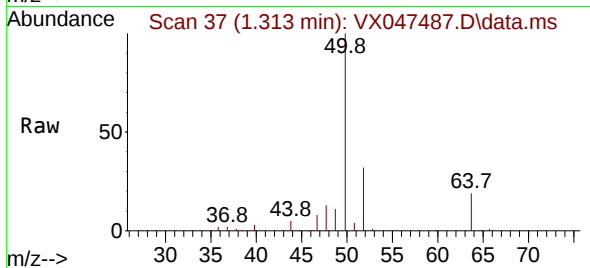
Tgt Ion: 85 Resp: 51174
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.1





#3
Chloromethane
Concen: 16.708 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

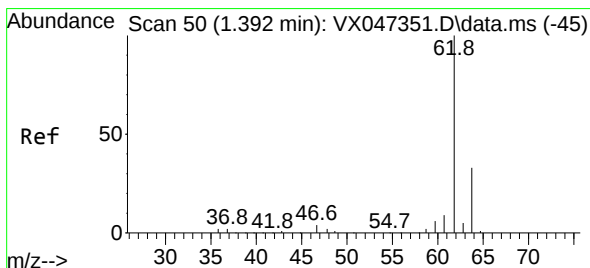
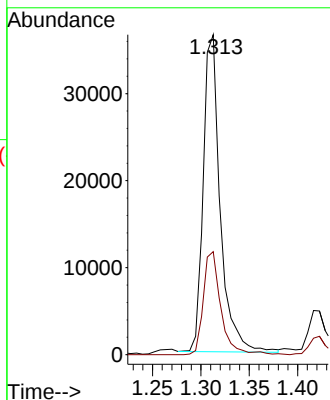
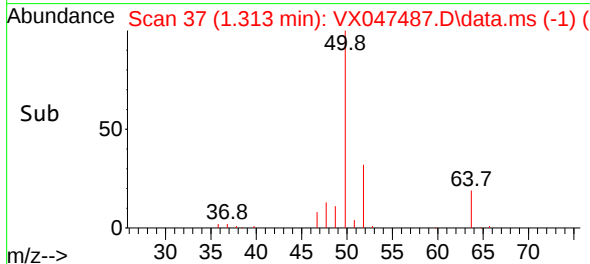
Instrument :
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Tgt Ion: 50 Resp: 44538
Ion Ratio Lower Upper
50 100
52 32.6 27.0 40.4

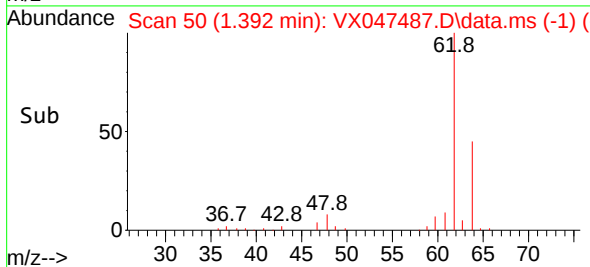
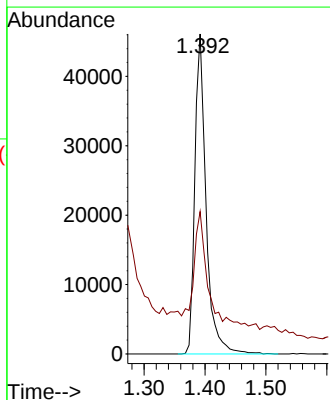
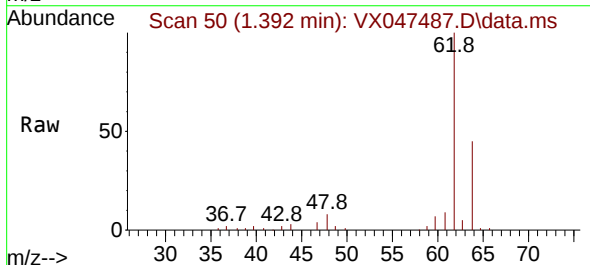
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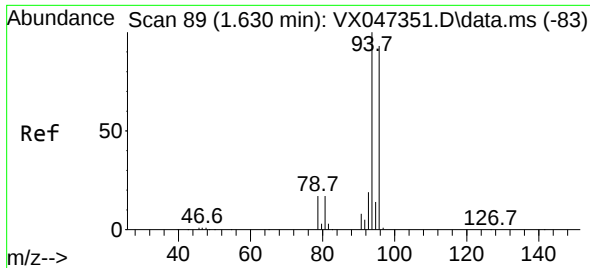
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#4
Vinyl Chloride
Concen: 17.589 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

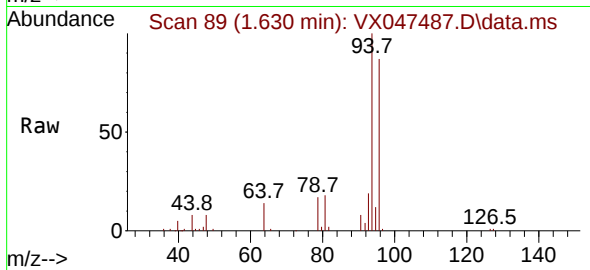
Tgt Ion: 62 Resp: 58849
Ion Ratio Lower Upper
62 100
64 37.2 26.5 39.7





#5
Bromomethane
Concen: 17.397 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

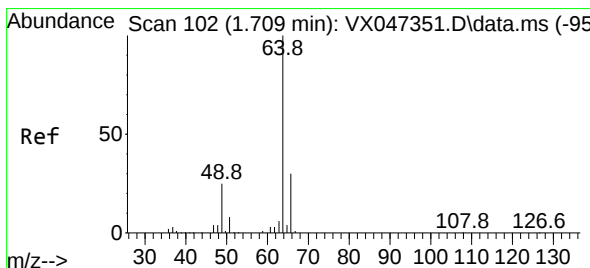
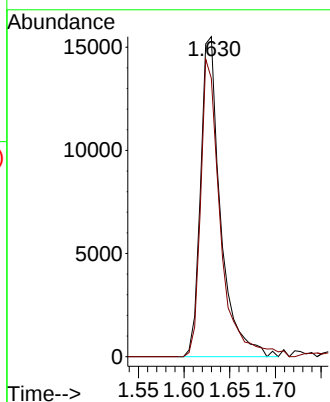
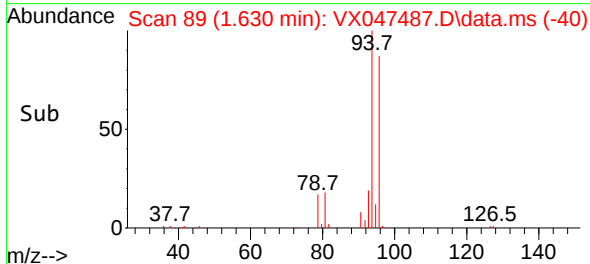
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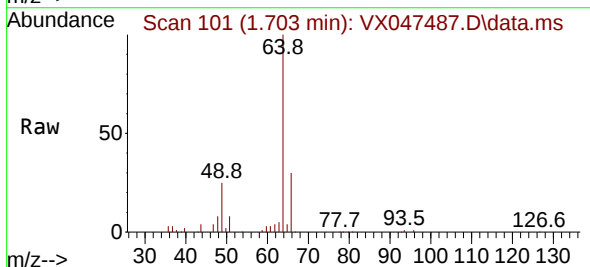
Tgt Ion: 94 Resp: 2351
Ion Ratio Lower Upper
94 100
96 87.9 74.7 112.1

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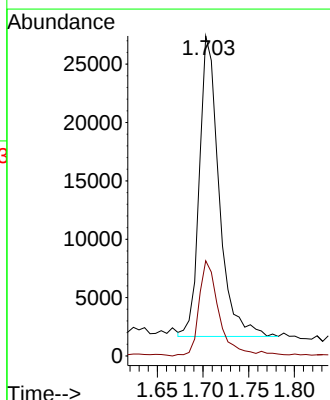
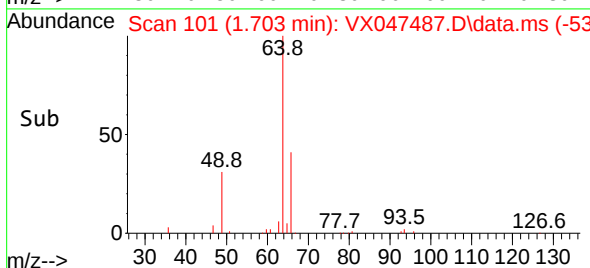
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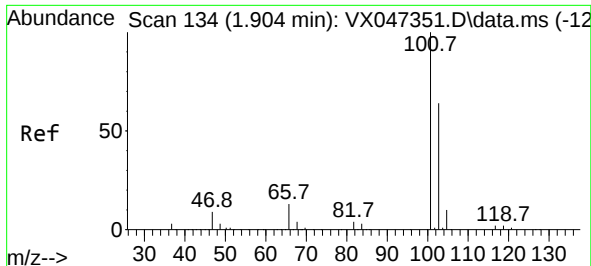


#6
Chloroethane
Concen: 18.821 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



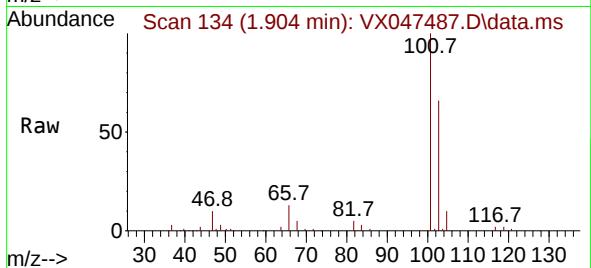
Tgt Ion: 64 Resp: 38529
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6





#7
Trichlorofluoromethane
Concen: 18.400 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

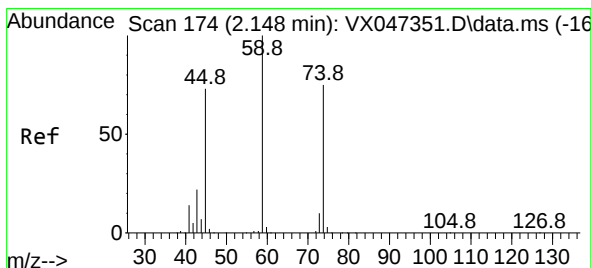
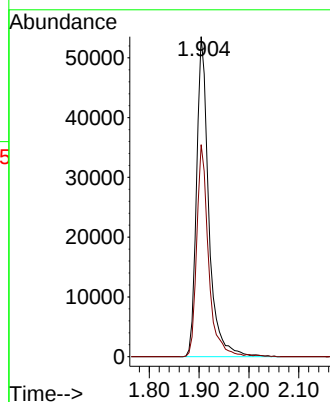
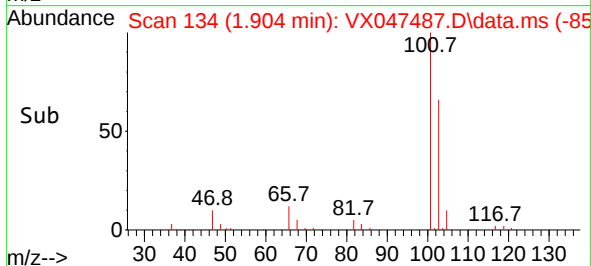
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Tgt Ion:101 Resp: 91060
Ion Ratio Lower Upper
101 100
103 66.2 50.9 76.3

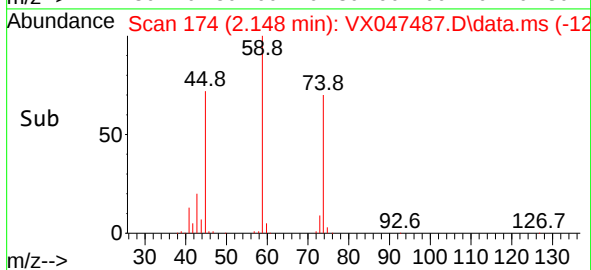
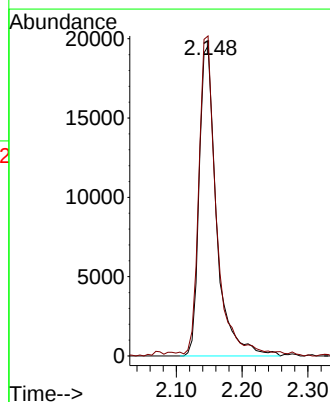
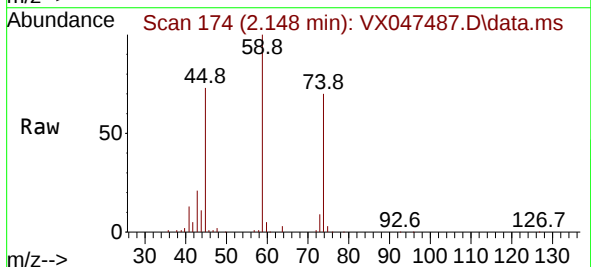
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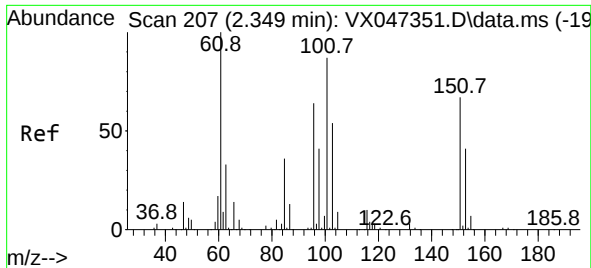
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#8
Diethyl Ether
Concen: 20.666 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 74 Resp: 36013
Ion Ratio Lower Upper
74 100
45 101.1 51.3 154.0





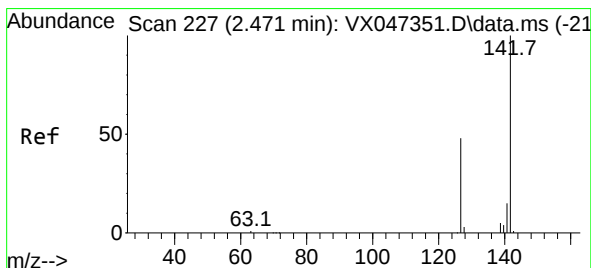
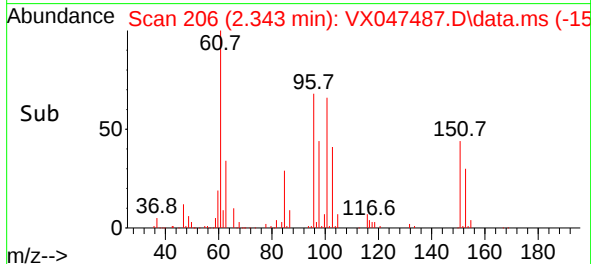
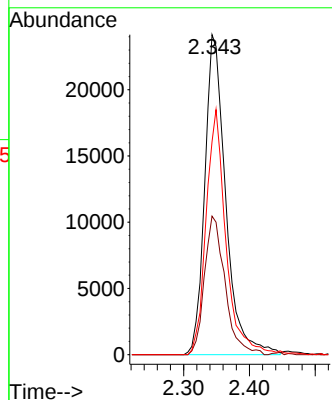
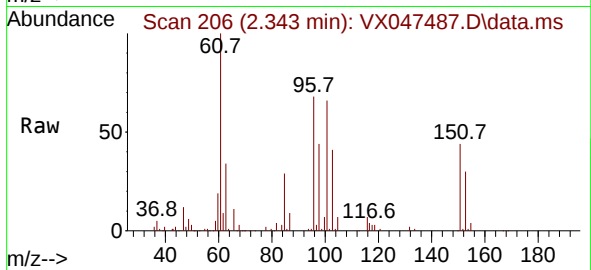
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.669 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tgt Ion:101 Resp: 53590
Ion Ratio Lower Upper
101 100
85 42.7 34.3 51.5
151 73.0 59.2 88.8

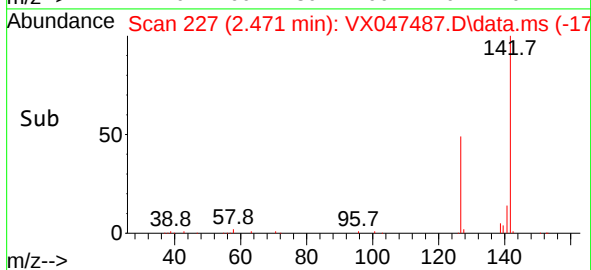
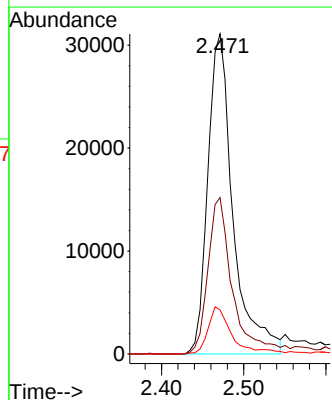
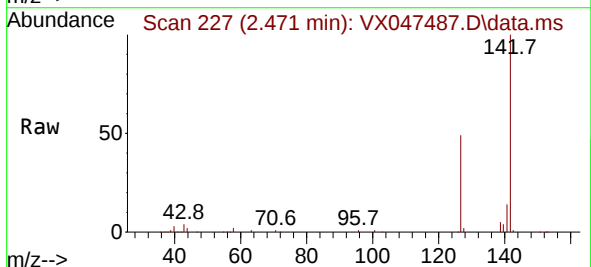
Manual Integrations
APPROVED

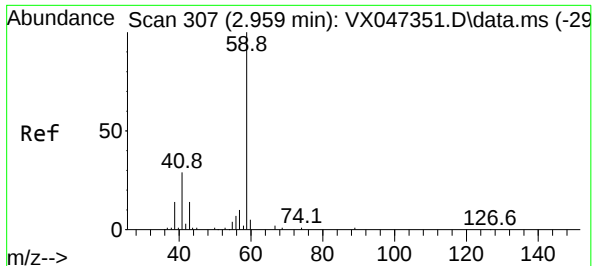
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#10
Methyl Iodide
Concen: 13.446 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Tgt Ion:142 Resp: 66149
Ion Ratio Lower Upper
142 100
127 47.8 36.1 54.1
141 13.9 11.1 16.7





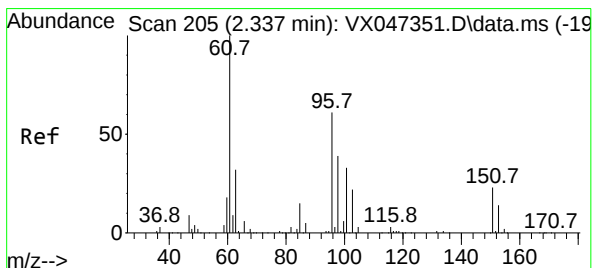
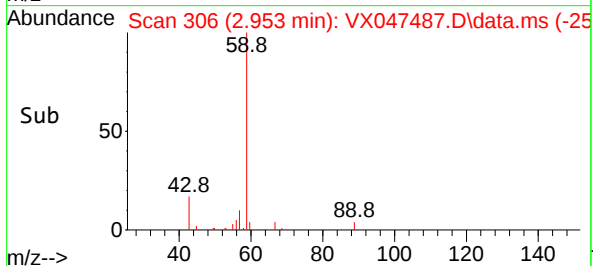
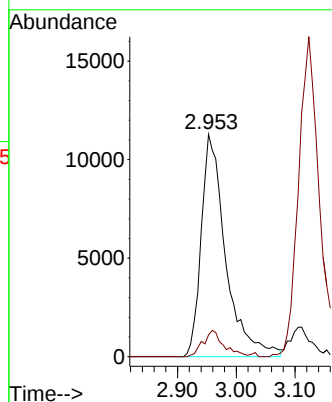
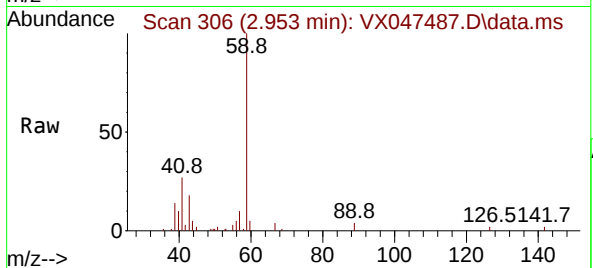
#11
Tert butyl alcohol
Concen: 115.088 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tgt Ion: 59 Resp: 3257
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

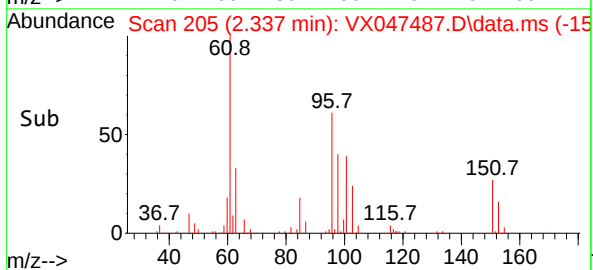
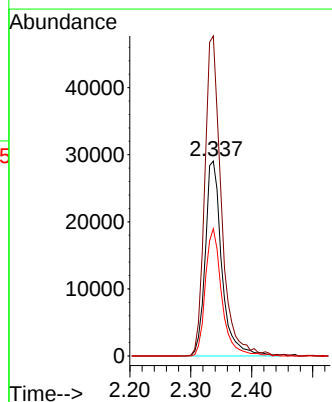
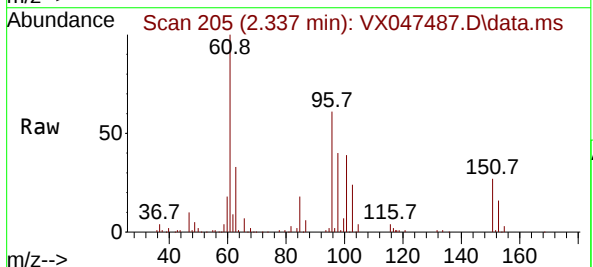
Manual Integrations
APPROVED

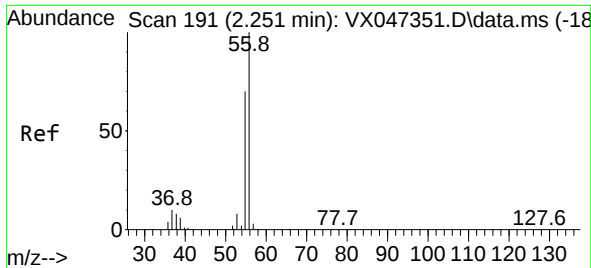
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#12
1,1-Dichloroethene
Concen: 18.772 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

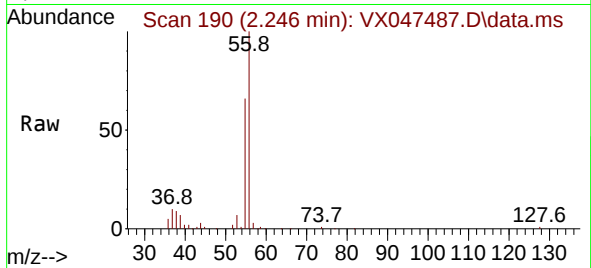
Tgt Ion: 96 Resp: 54939
Ion Ratio Lower Upper
96 100
61 158.0 132.2 198.2
98 62.8 51.2 76.8





#13
Acrolein
Concen: 116.141 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

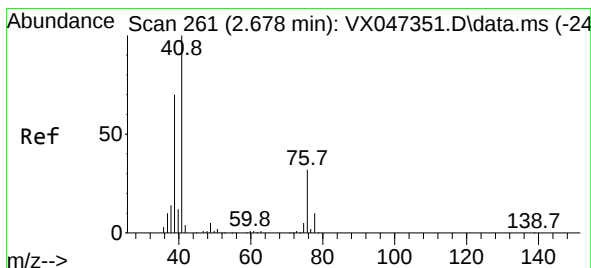
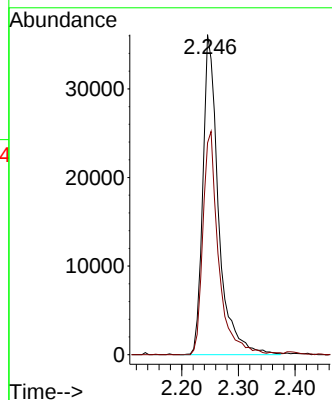
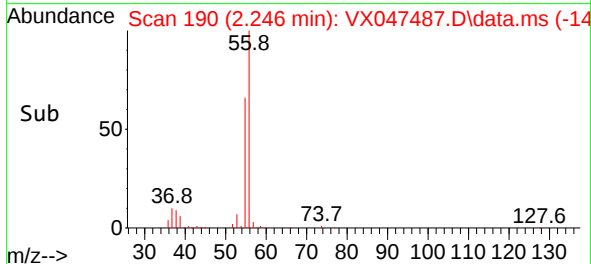
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 56 Resp: 6938
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3

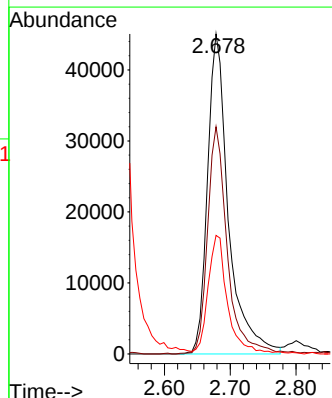
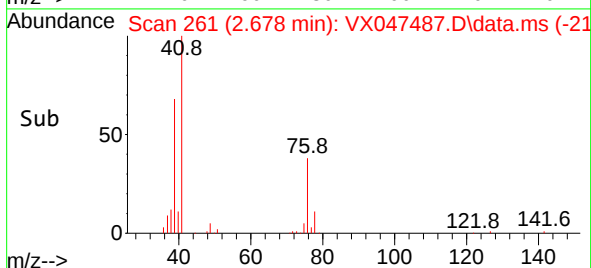
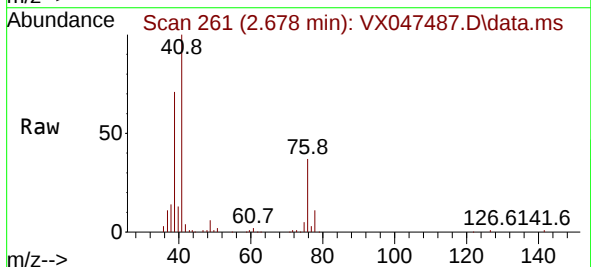
Manual Integrations
APPROVED

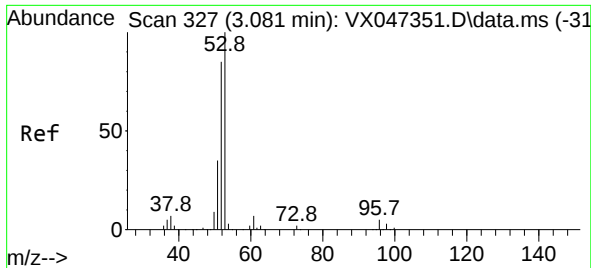
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#14
Allyl chloride
Concen: 19.663 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

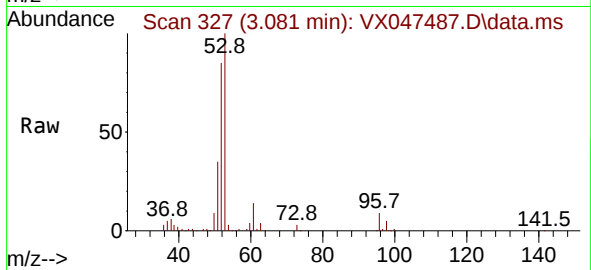
Tgt Ion: 41 Resp: 99953
Ion Ratio Lower Upper
41 100
39 67.0 54.6 81.8
76 33.5 27.6 41.4





#15
Acrylonitrile
Concen: 105.431 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

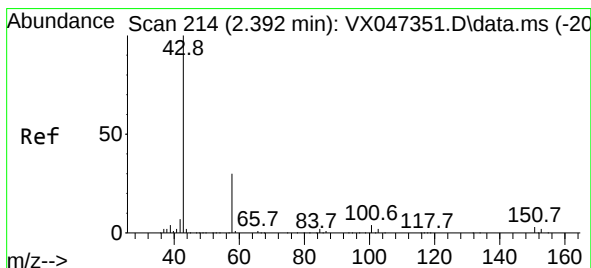
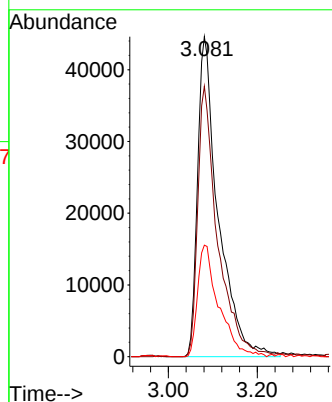
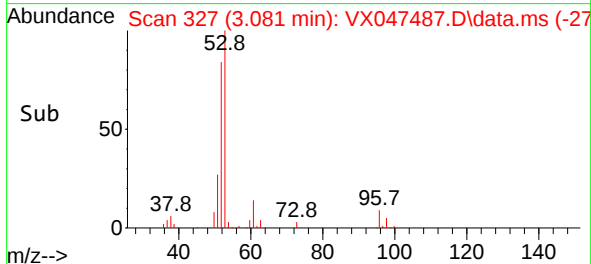
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



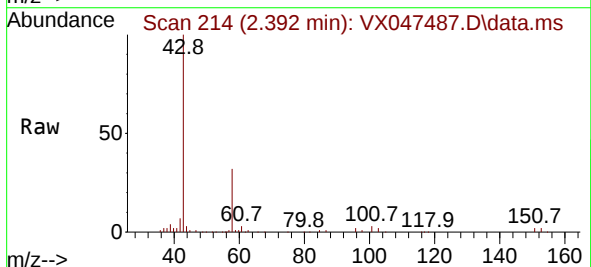
Tgt Ion: 53 Resp: 14418
Ion Ratio Lower Upper
53 100
52 81.2 65.8 98.6
51 35.8 28.2 42.2

Manual Integrations
APPROVED

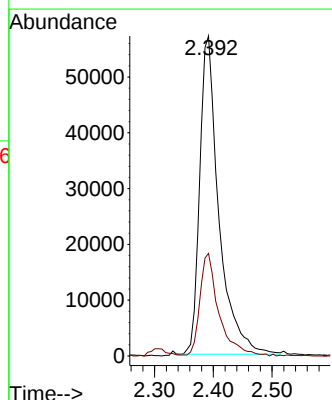
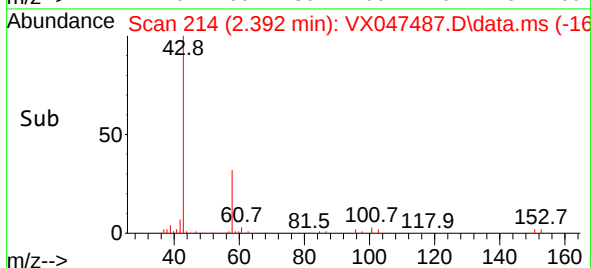
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

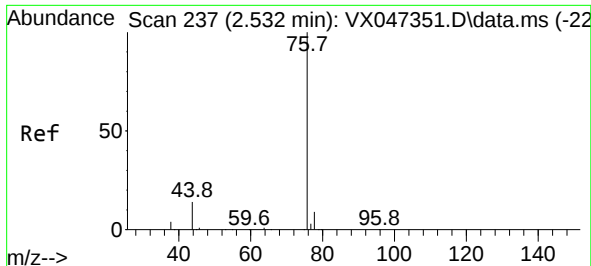


#16
Acetone
Concen: 105.426 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



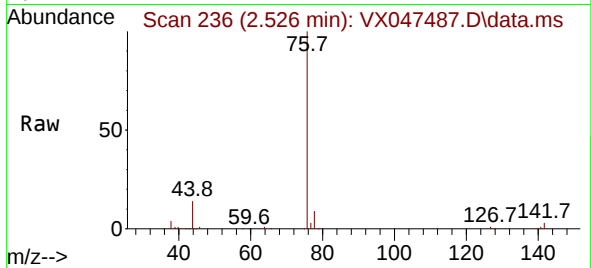
Tgt Ion: 43 Resp: 128916
Ion Ratio Lower Upper
43 100
58 32.0 24.8 37.2





#17
Carbon Disulfide
Concen: 17.617 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

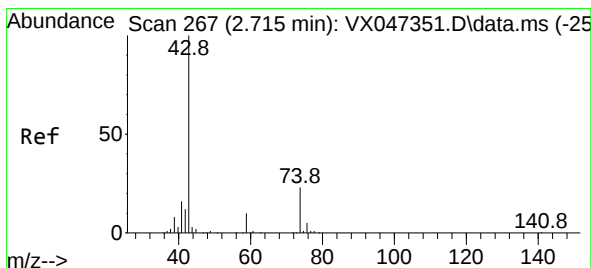
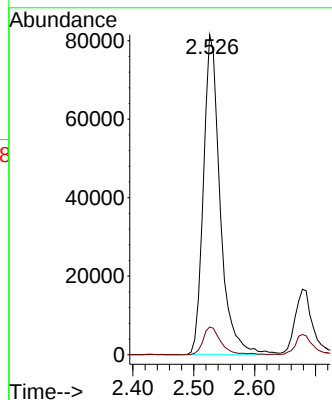
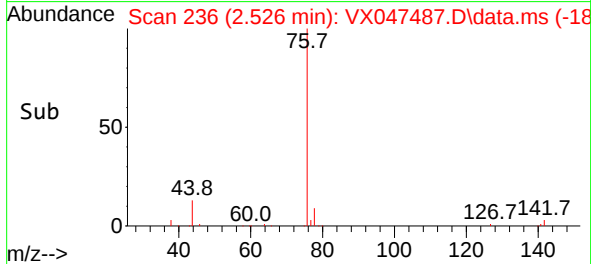
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 76 Resp: 15558
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

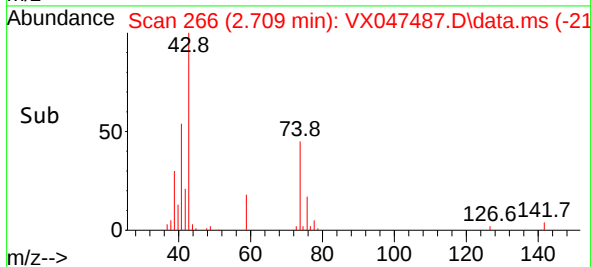
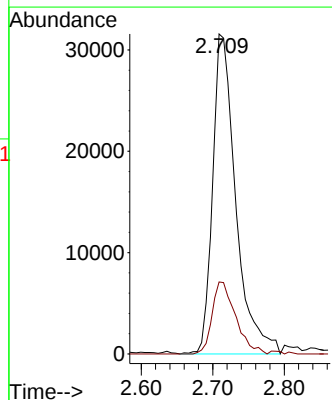
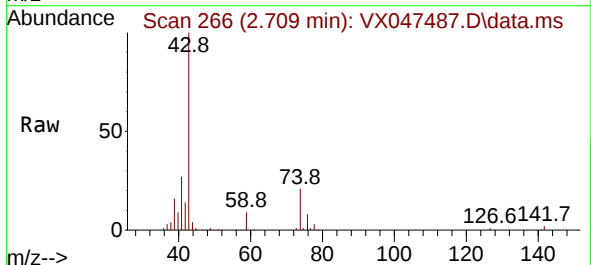
Manual Integrations
APPROVED

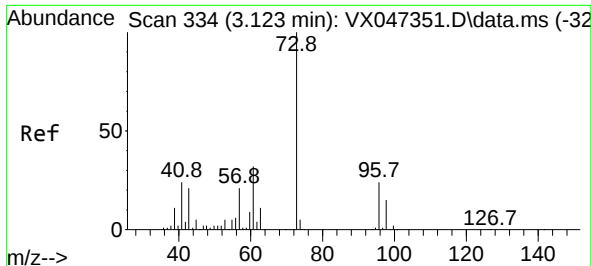
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#18
Methyl Acetate
Concen: 22.390 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

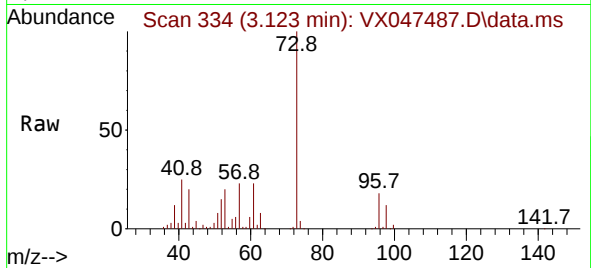
Tgt Ion: 43 Resp: 70950
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 20.944 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

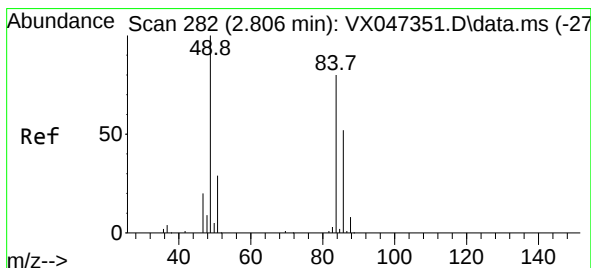
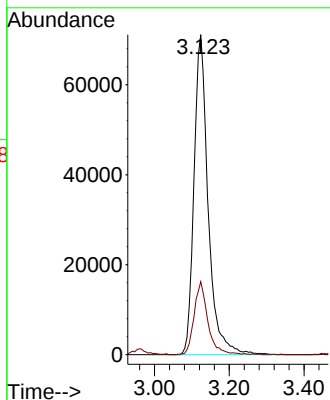
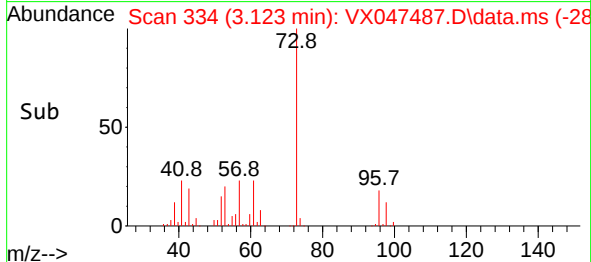
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 73 Resp: 186480
Ion Ratio Lower Upper
73 100
57 22.8 17.0 25.6

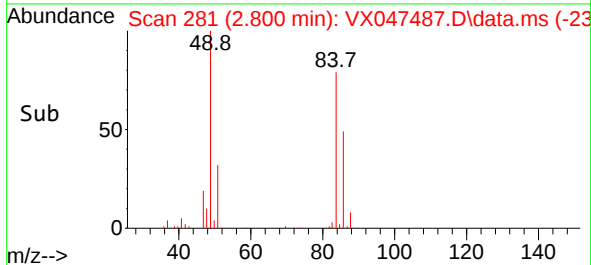
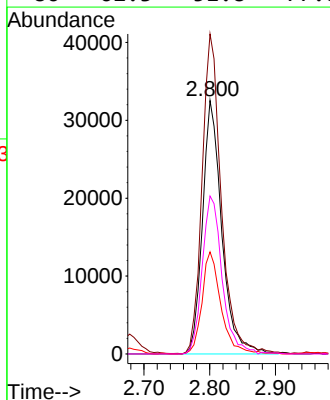
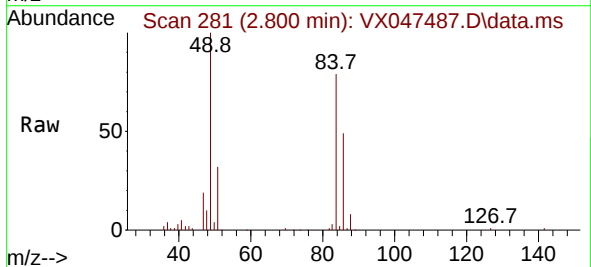
Manual Integrations
APPROVED

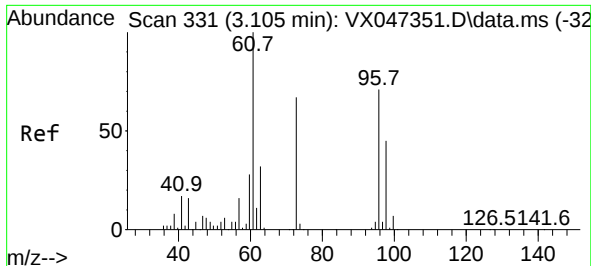
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#20
Methylene Chloride
Concen: 20.519 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

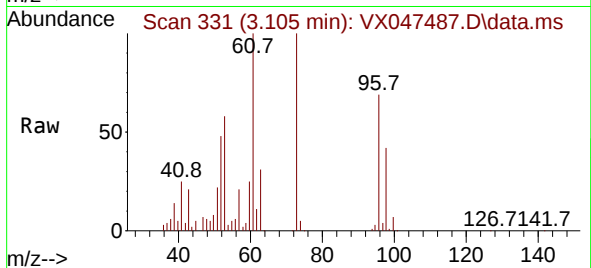
Tgt Ion: 84 Resp: 66440
Ion Ratio Lower Upper
84 100
49 126.0 100.1 150.1
51 40.3 29.5 44.3
86 62.3 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 18.845 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

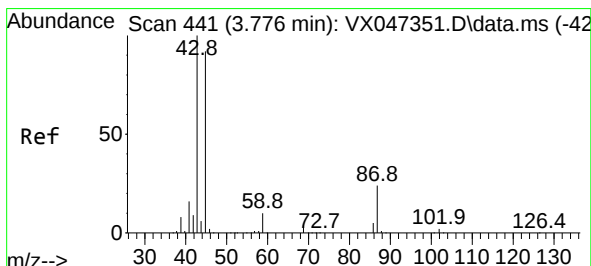
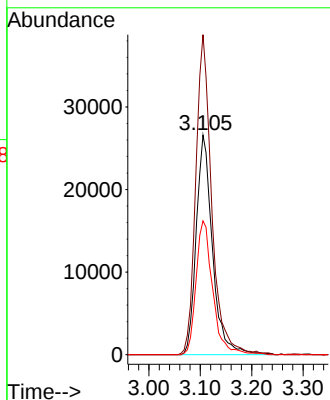
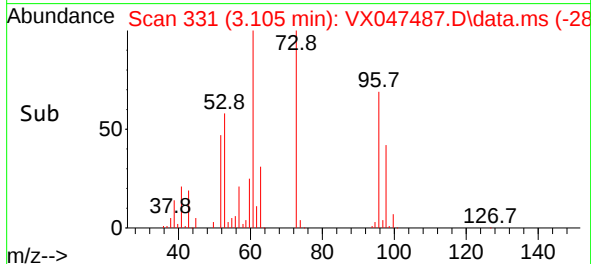
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



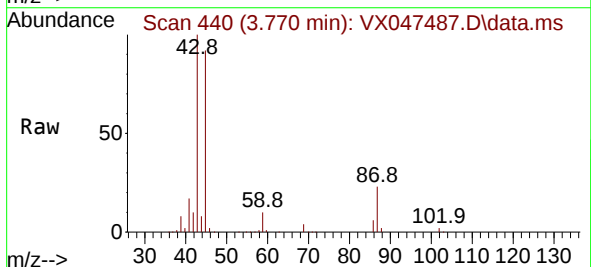
Tgt Ion: 96 Resp: 58539
Ion Ratio Lower Upper
96 100
61 145.8 112.6 169.0
98 62.3 50.9 76.3

Manual Integrations
APPROVED

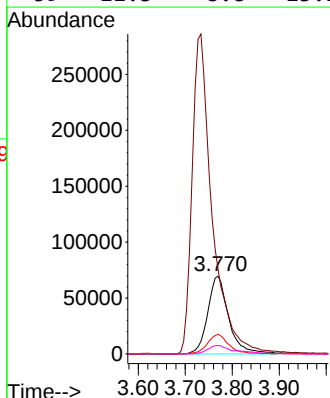
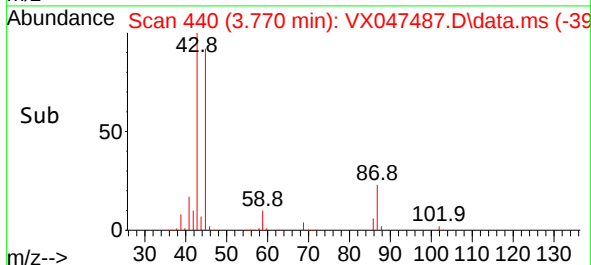
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

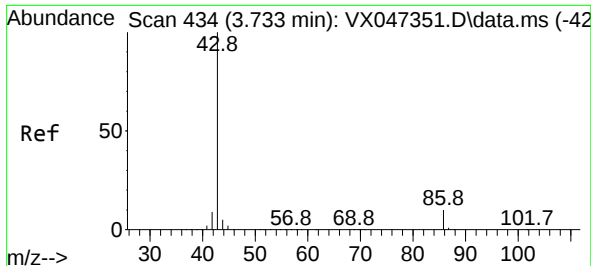


#22
Diisopropyl ether
Concen: 21.434 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



Tgt Ion: 45 Resp: 215371
Ion Ratio Lower Upper
45 100
43 108.0 86.8 130.2
87 25.3 20.4 30.6
59 11.3 8.8 13.2





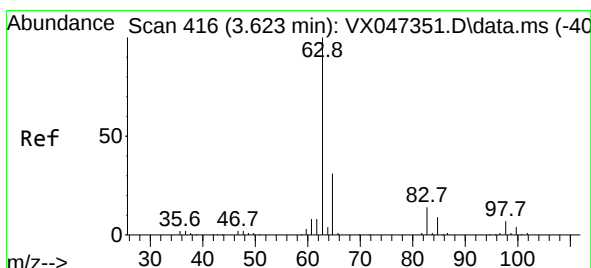
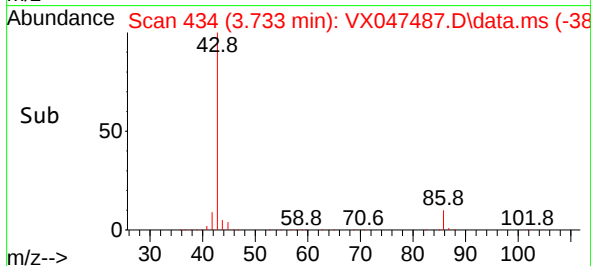
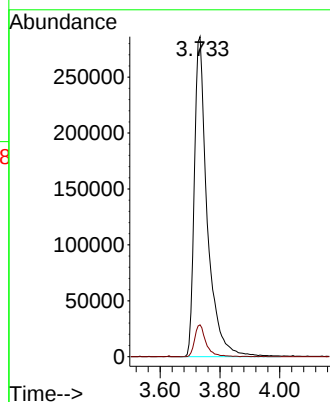
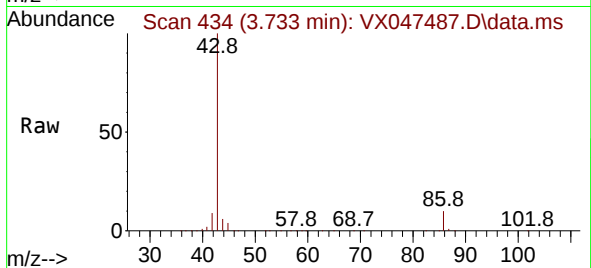
#23
 Vinyl Acetate
 Concen: 104.303 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047487.D
 Acq: 22 Aug 2025 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Tgt Ion: 43 Resp: 85903
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9

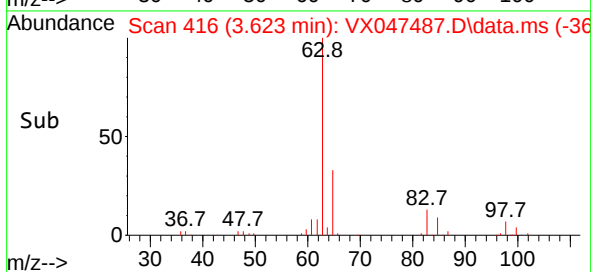
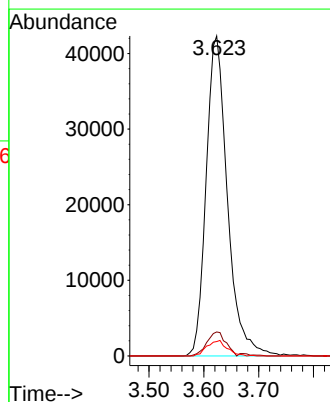
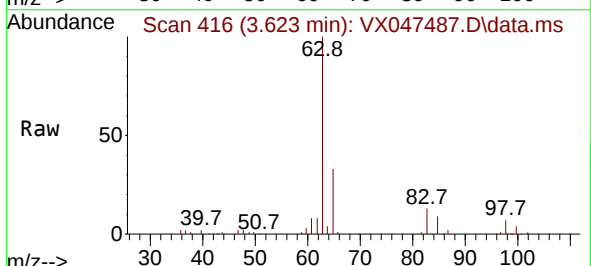
Manual Integrations
 APPROVED

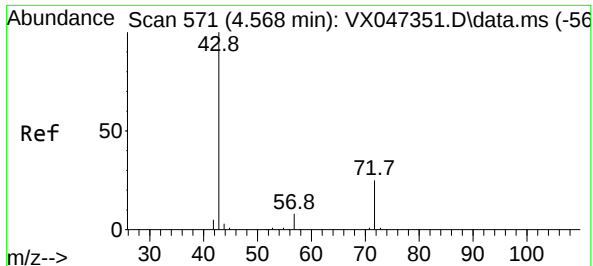
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#24
 1,1-Dichloroethane
 Concen: 20.009 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047487.D
 Acq: 22 Aug 2025 11:22

Tgt Ion: 63 Resp: 113640
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.9
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 110.329 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tgt Ion: 43 Resp: 17669

Ion Ratio Lower Upper

43 100

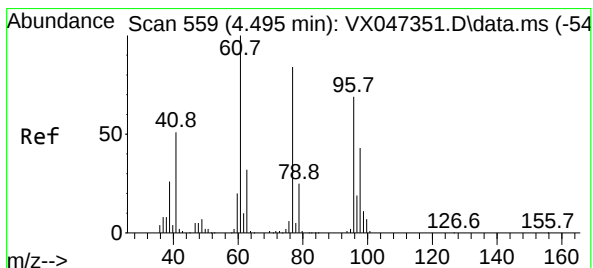
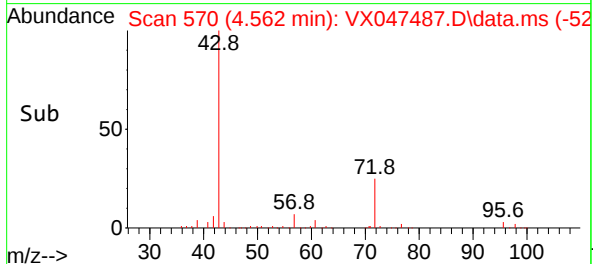
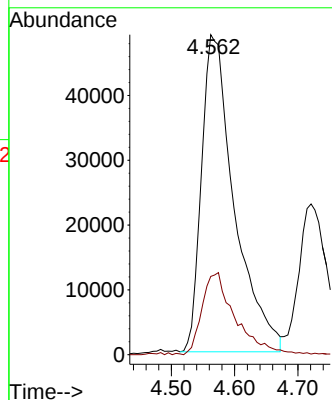
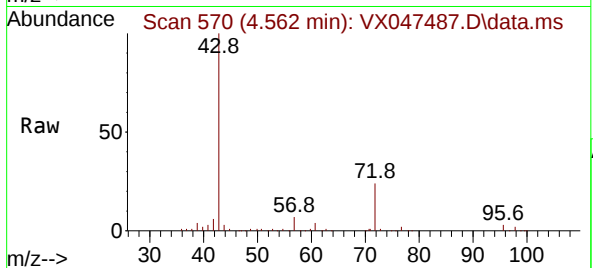
72 24.4 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#26

2,2-Dichloropropane

Concen: 19.909 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX047487.D

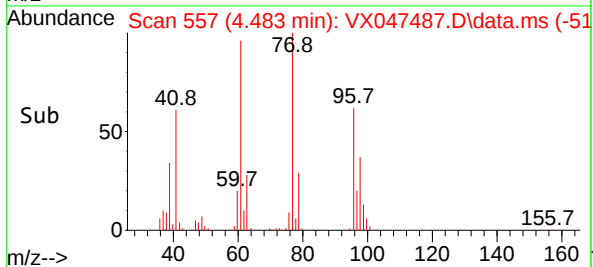
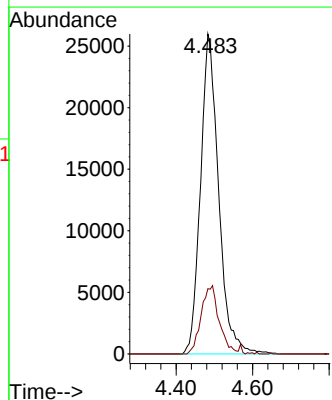
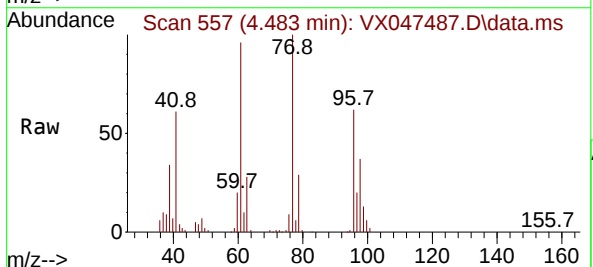
Acq: 22 Aug 2025 11:22

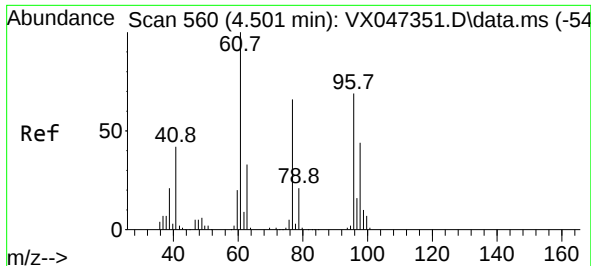
Tgt Ion: 77 Resp: 85341

Ion Ratio Lower Upper

77 100

97 21.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.146 ug/l

RT: 4.501 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tgt Ion: 96 Resp: 7288

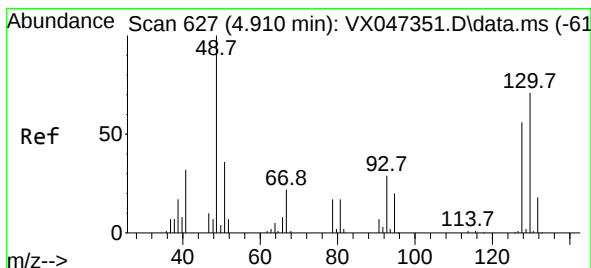
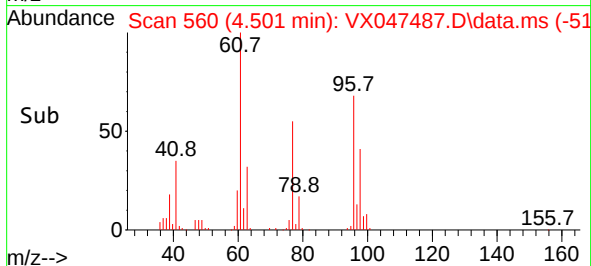
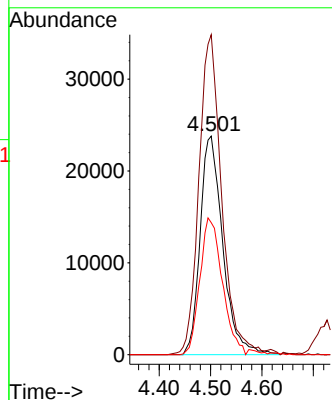
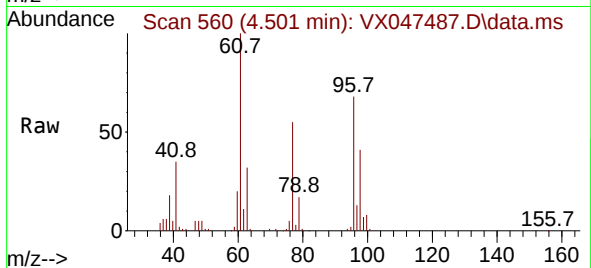
Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	296.6
98	62.0	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#28

Bromochloromethane

Concen: 22.194 ug/l

RT: 4.904 min Scan# 626

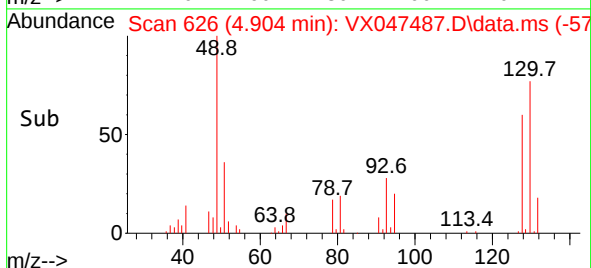
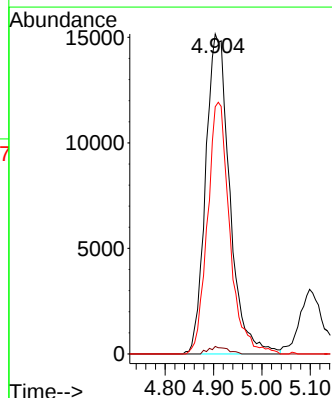
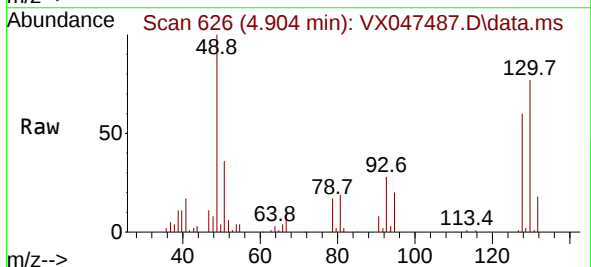
Delta R.T. -0.006 min

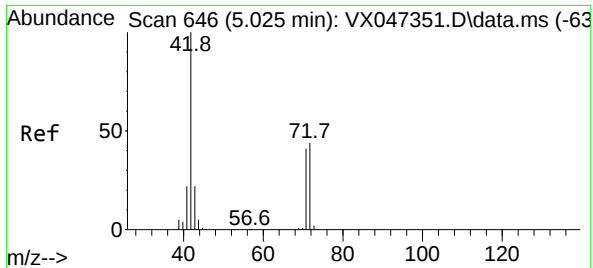
Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Tgt Ion: 49 Resp: 52453

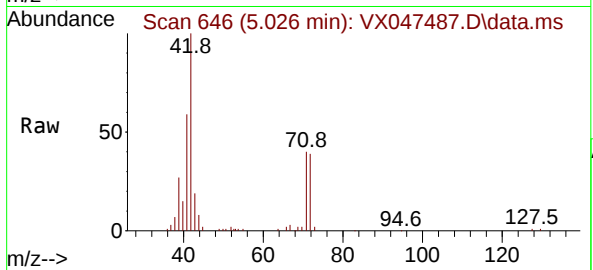
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	72.8	59.8	89.6





#29
Tetrahydrofuran
Concen: 101.432 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

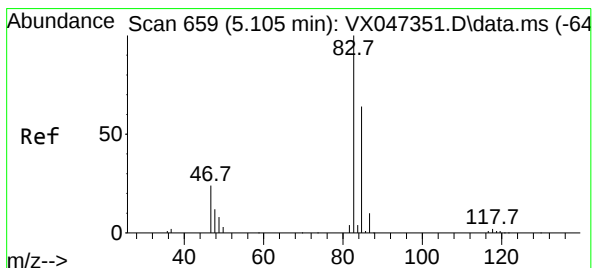
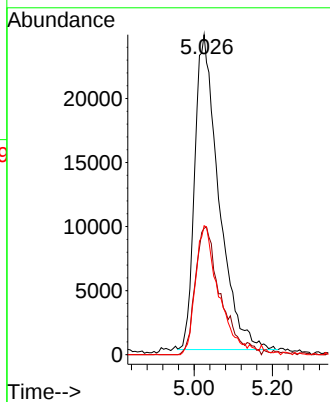
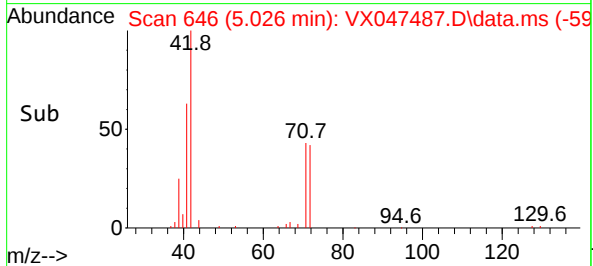
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 42 Resp: 10499
Ion Ratio Lower Upper
42 100
72 41.2 34.6 51.8
71 40.2 32.6 49.0

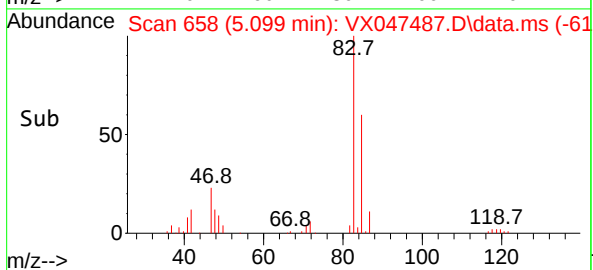
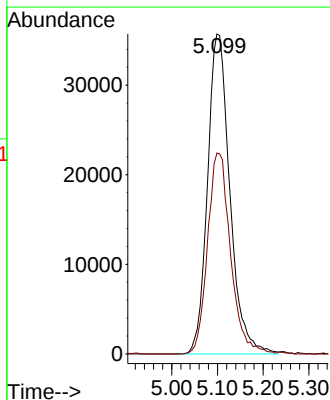
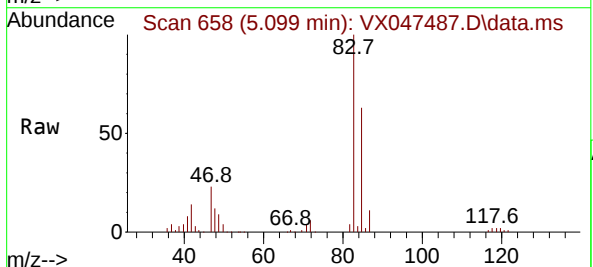
Manual Integrations
APPROVED

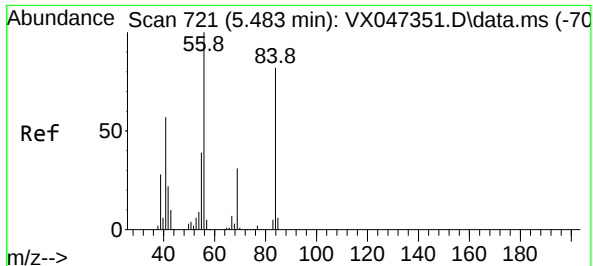
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#30
Chloroform
Concen: 20.915 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

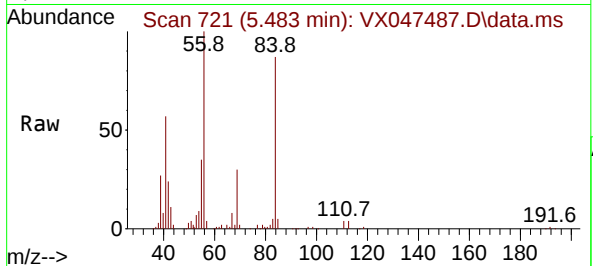
Tgt Ion: 83 Resp: 121232
Ion Ratio Lower Upper
83 100
85 62.8 51.2 76.8





#31
Cyclohexane
Concen: 18.056 ug/l
RT: 5.483 min Scan# 701
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

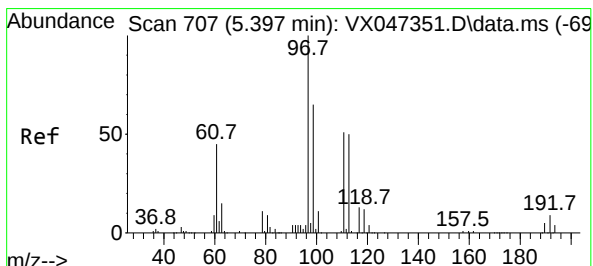
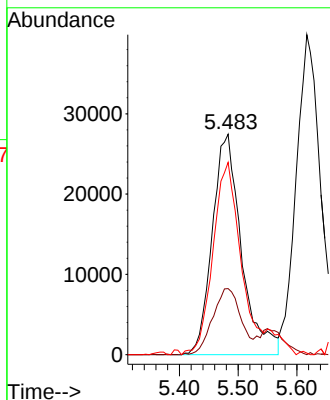
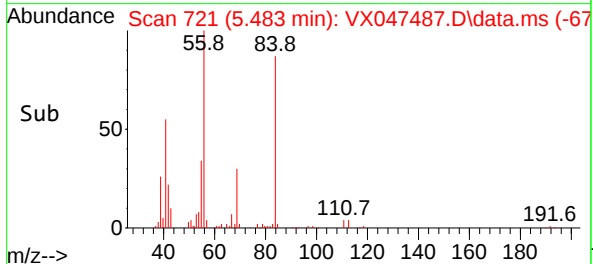
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 56 Resp: 9453
Ion Ratio Lower Upper
56 100
69 29.7 24.3 36.5
84 85.2 65.3 97.9

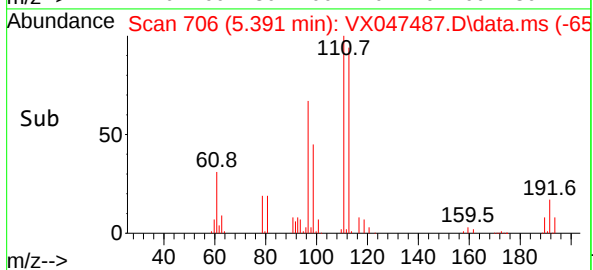
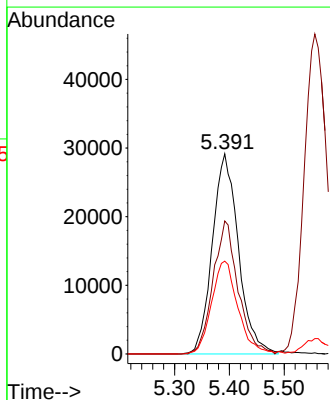
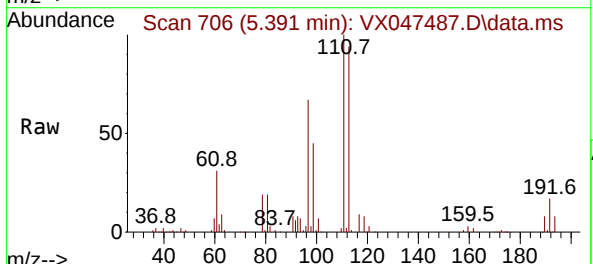
Manual Integrations
APPROVED

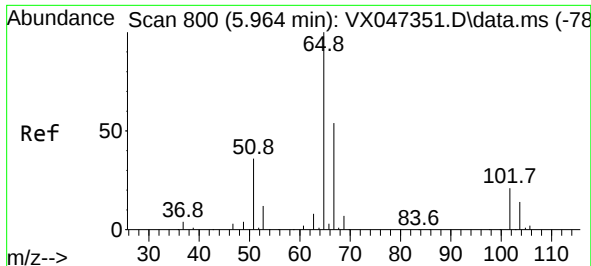
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#32
1,1,1-Trichloroethane
Concen: 19.341 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

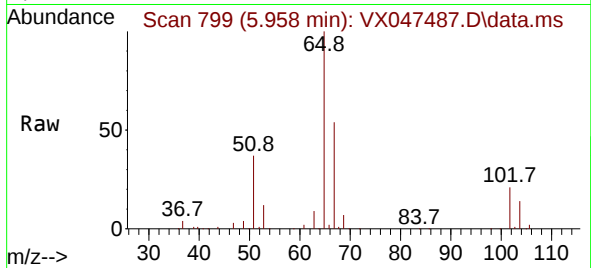
Tgt Ion: 97 Resp: 96493
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 46.9 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 52.572 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

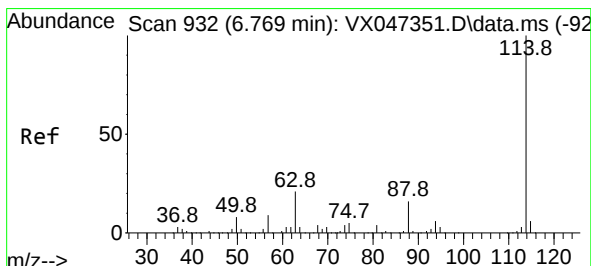
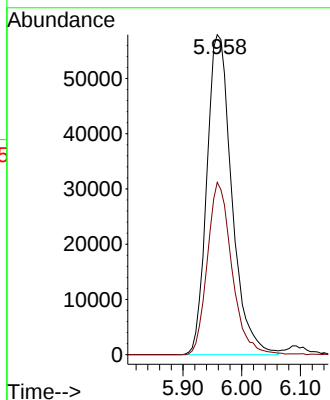
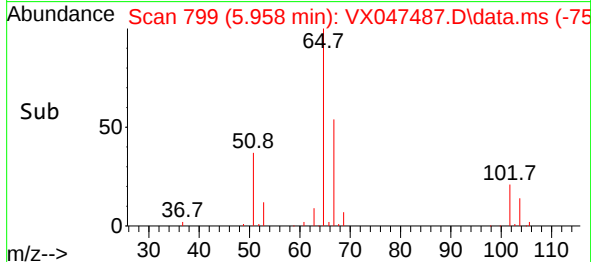
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



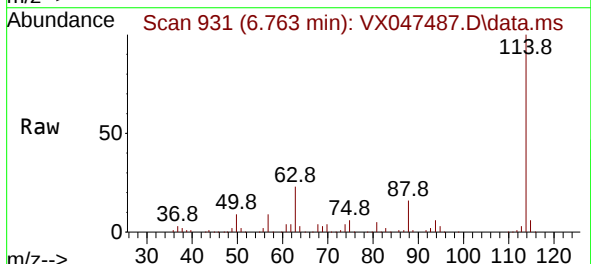
Tgt Ion: 65 Resp: 171028
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0

Manual Integrations
APPROVED

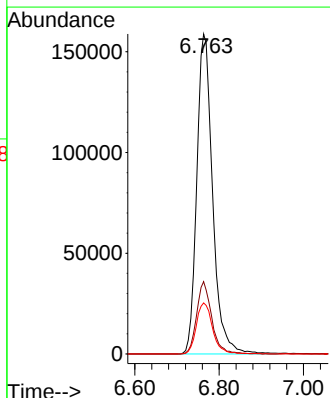
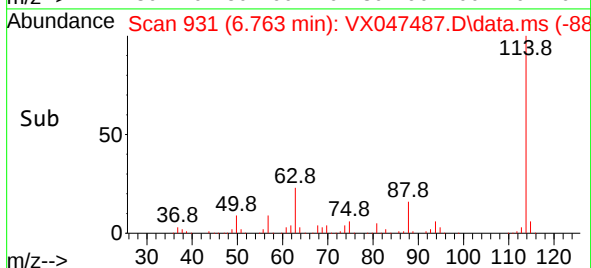
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

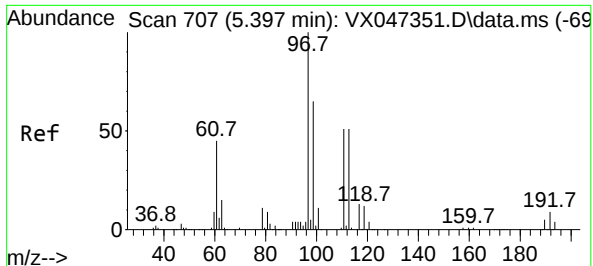


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



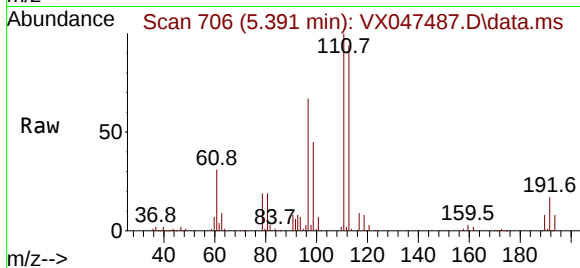
Tgt Ion:114 Resp: 415073
Ion Ratio Lower Upper
114 100
63 22.6 0.0 42.4
88 15.9 0.0 33.0





#35
Dibromofluoromethane
Concen: 48.260 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

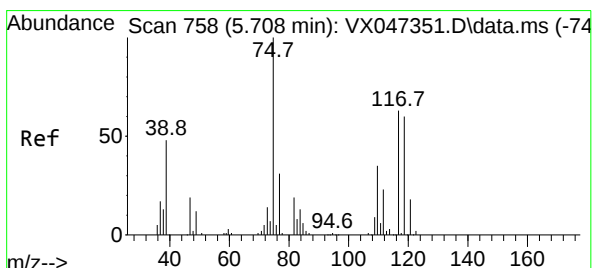
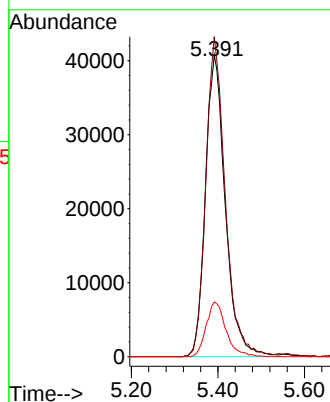
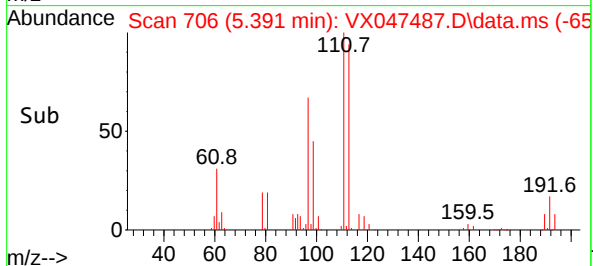
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 113 Resp: 13000
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.2
192 18.1 14.1 21.1

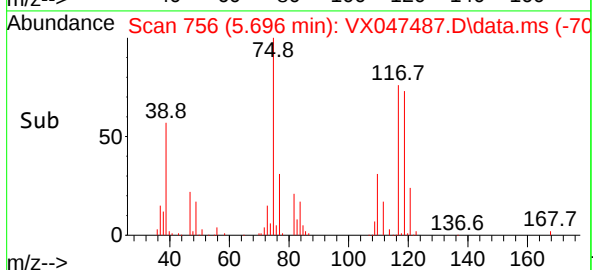
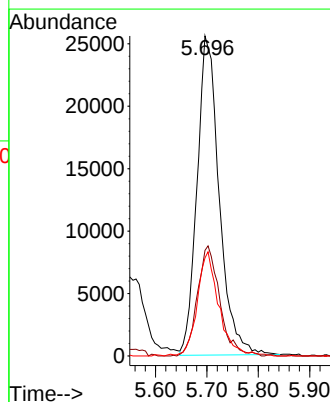
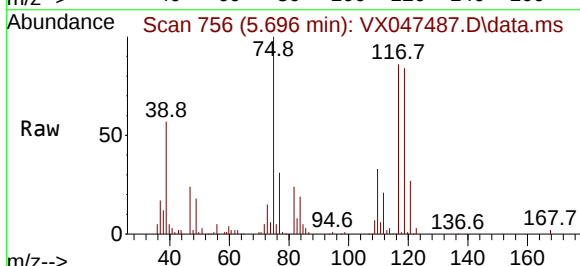
Manual Integrations
APPROVED

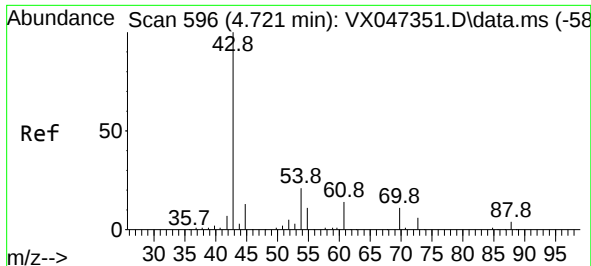
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#36
1,1-Dichloropropene
Concen: 18.004 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 75 Resp: 76562
Ion Ratio Lower Upper
75 100
110 34.9 17.4 52.2
77 31.7 24.4 36.6





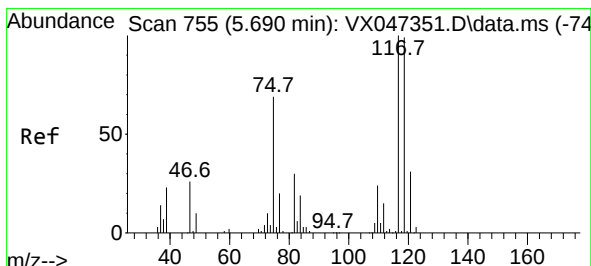
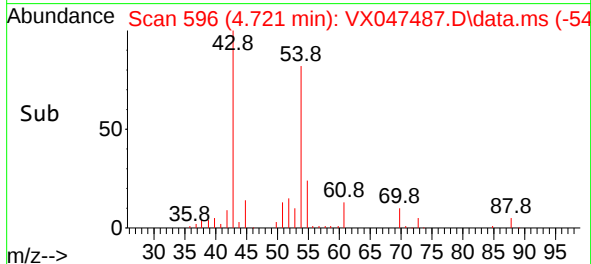
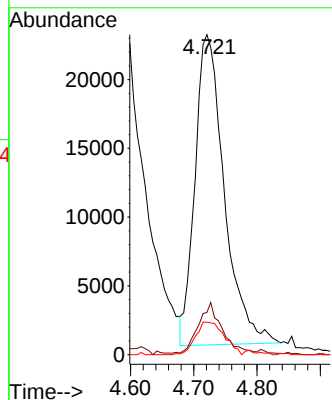
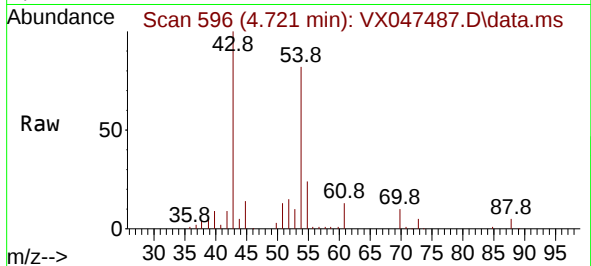
#37
Ethyl Acetate
Concen: 16.435 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tgt Ion: 43 Resp: 72550
Ion Ratio Lower Upper
43 100
61 12.9 9.4 14.2
70 10.3 7.0 10.6

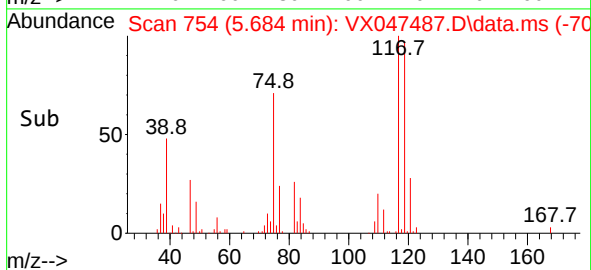
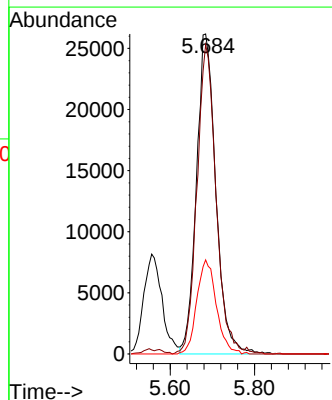
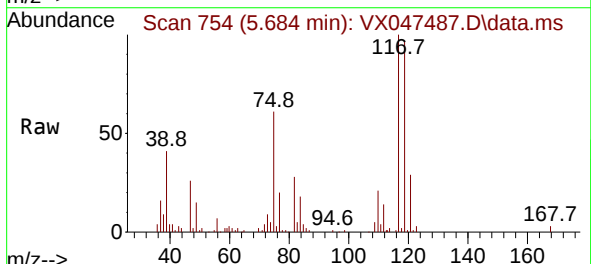
Manual Integrations
APPROVED

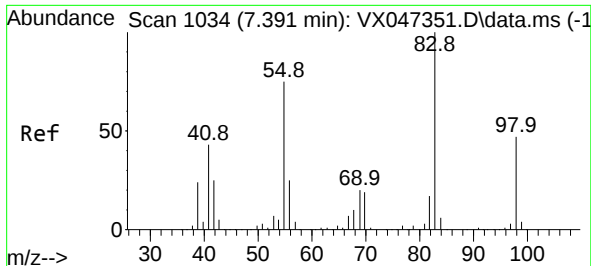
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#38
Carbon Tetrachloride
Concen: 18.068 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Tgt Ion:117 Resp: 83963
Ion Ratio Lower Upper
117 100
119 96.4 78.5 117.7
121 29.4 24.7 37.1





#39

Methylcyclohexane

Concen: 16.584 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

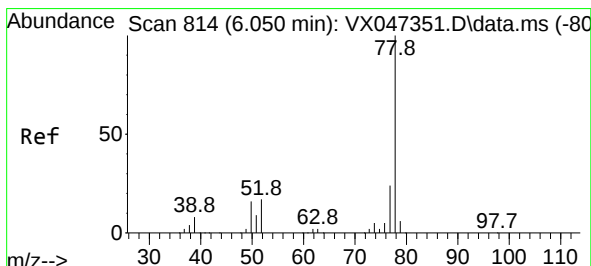
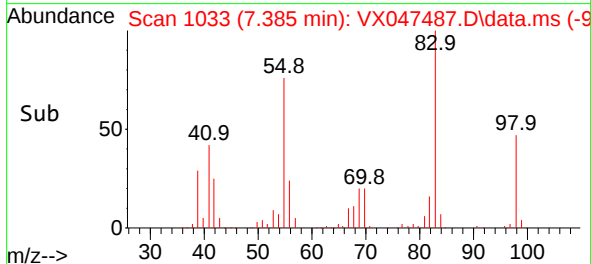
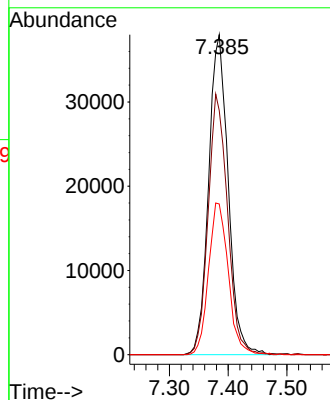
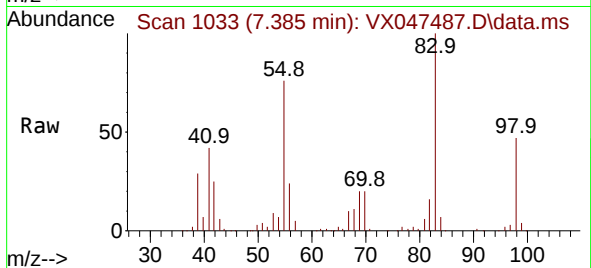
Tgt Ion: 83	Resp: 87969
Ion Ratio	Lower Upper
83	100
55	76.3 60.0 90.0
98	47.1 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#40

Benzene

Concen: 19.206 ug/l

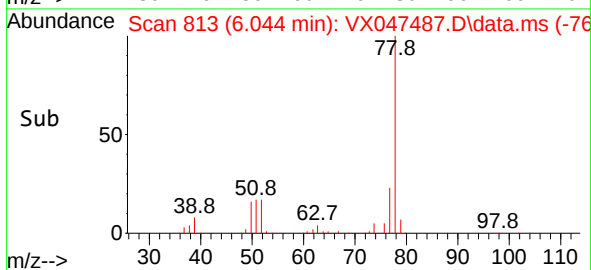
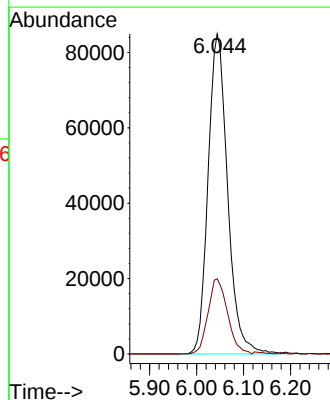
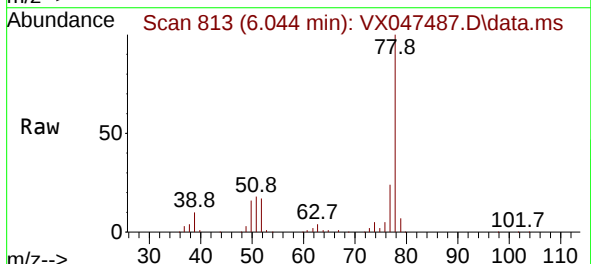
RT: 6.044 min Scan# 813

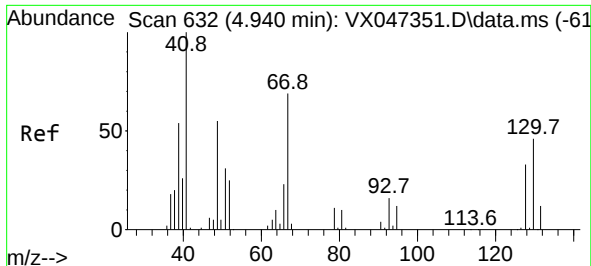
Delta R.T. -0.006 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

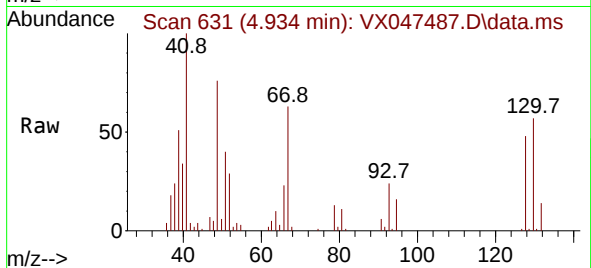
Tgt Ion: 78	Resp: 244459
Ion Ratio	Lower Upper
78	100
77	23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 19.468 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

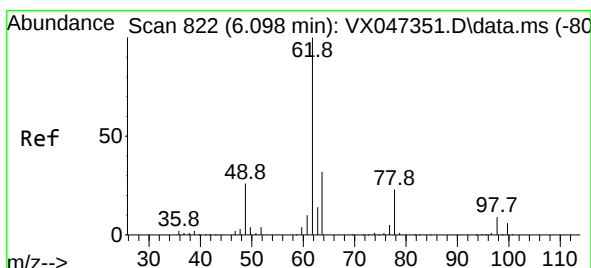
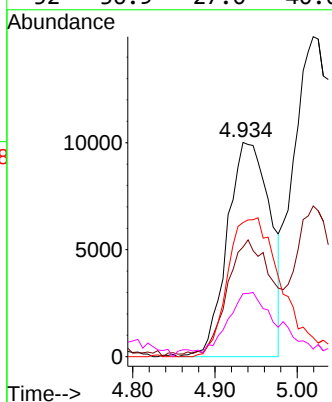
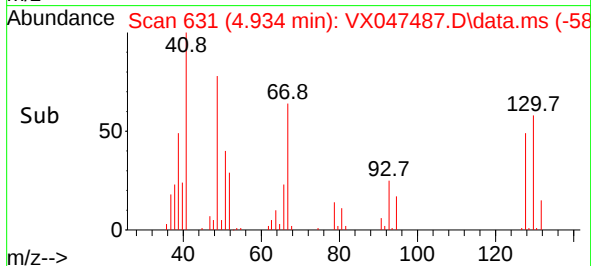
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 41 Resp: 3624
Ion Ratio Lower Upper
41 100
39 55.6 45.4 68.2
67 82.2 64.0 96.0
52 36.9 27.0 40.6

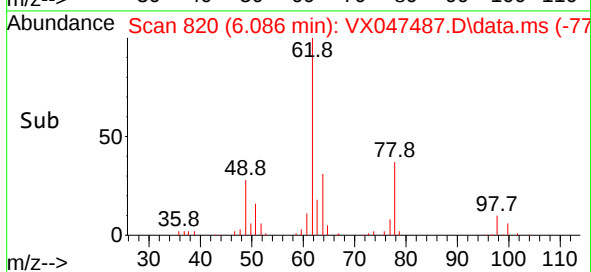
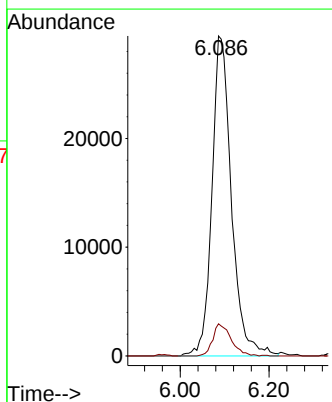
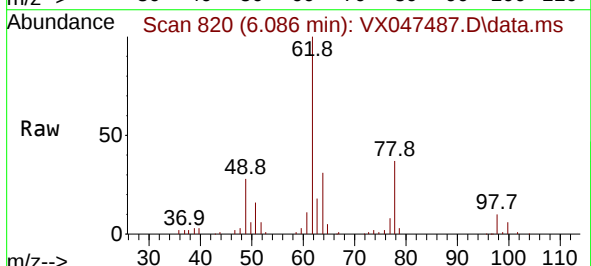
Manual Integrations
APPROVED

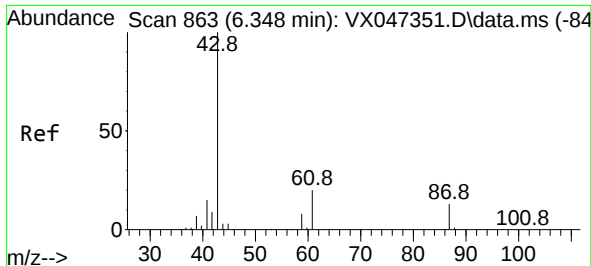
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#42
1,2-Dichloroethane
Concen: 19.847 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

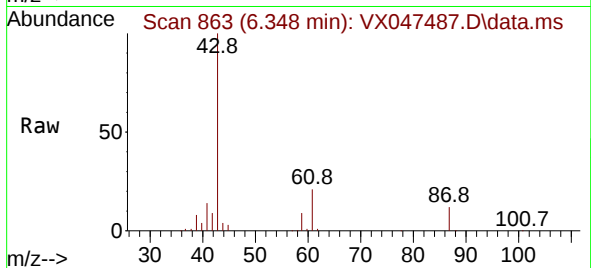
Tgt Ion: 62 Resp: 89482
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.0





#43
Isopropyl Acetate
Concen: 19.957 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

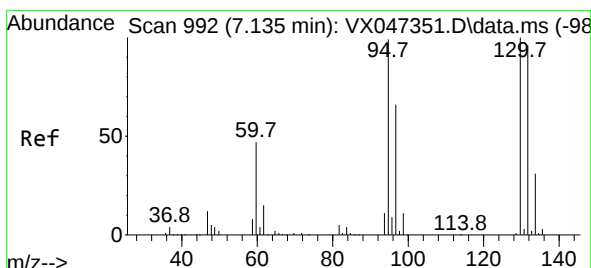
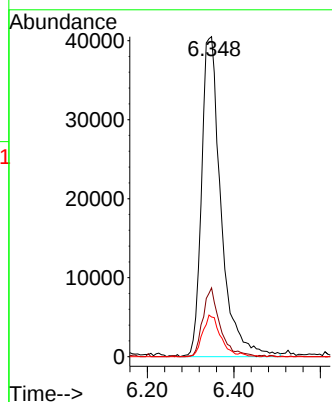
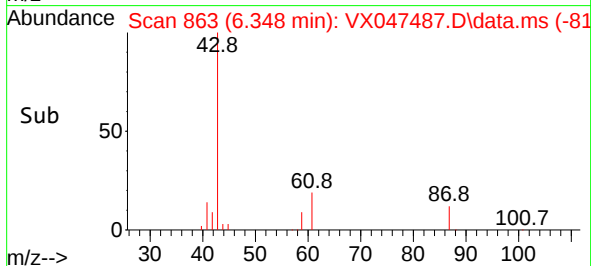
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 43 Resp: 12657
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 11.8 10.2 15.4

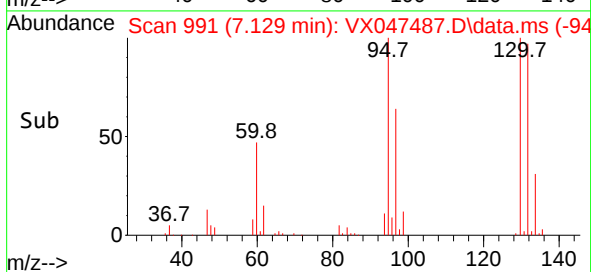
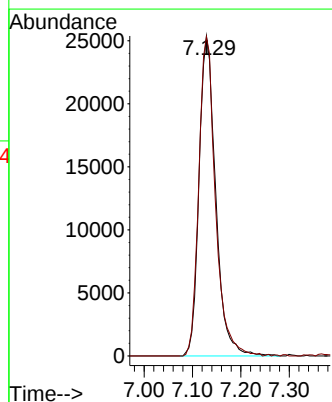
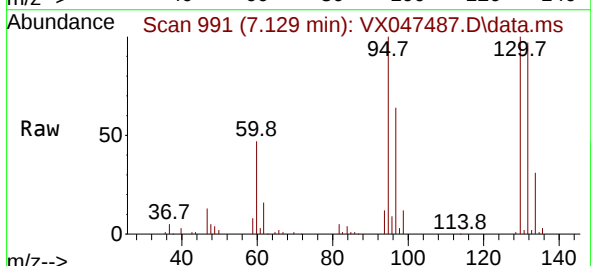
Manual Integrations
APPROVED

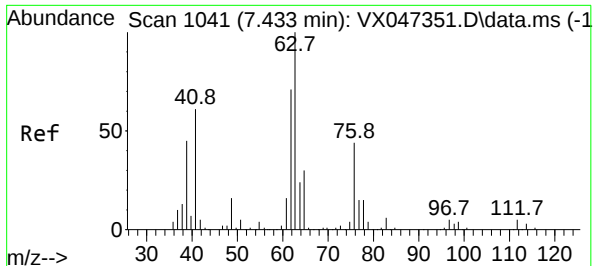
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#44
Trichloroethene
Concen: 18.581 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Tgt Ion:130 Resp: 60557
Ion Ratio Lower Upper
130 100
95 99.7 0.0 198.6





#45

1,2-Dichloropropane

Concen: 20.072 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tgt Ion: 63 Resp: 6400

Ion Ratio Lower Upper

63 100

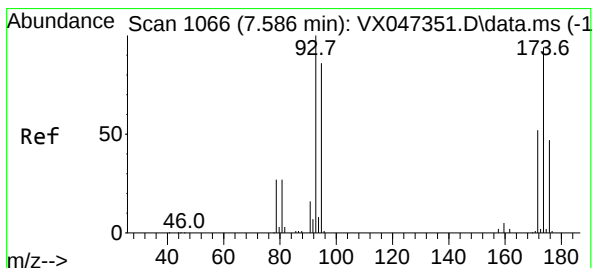
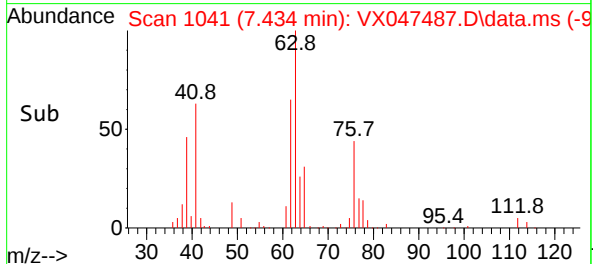
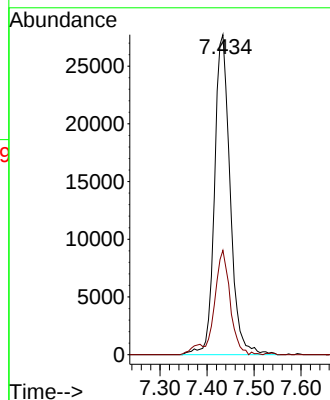
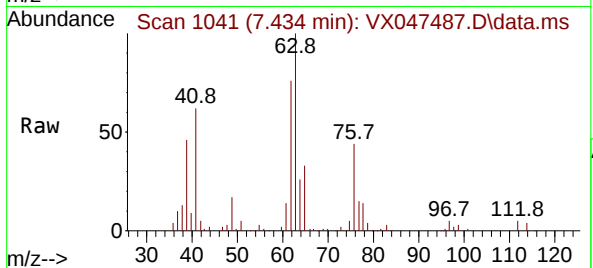
65 32.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#46

Dibromomethane

Concen: 19.717 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

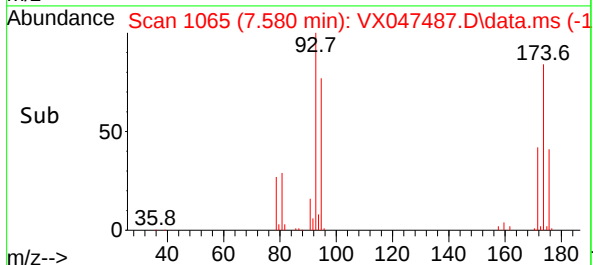
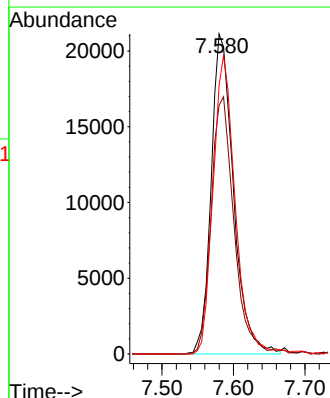
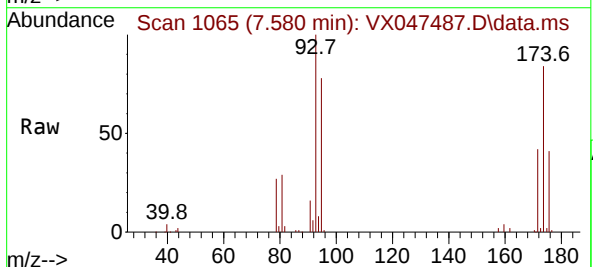
Tgt Ion: 93 Resp: 45646

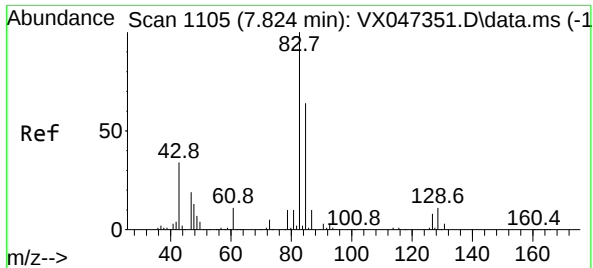
Ion Ratio Lower Upper

93 100

95 81.7 68.0 102.0

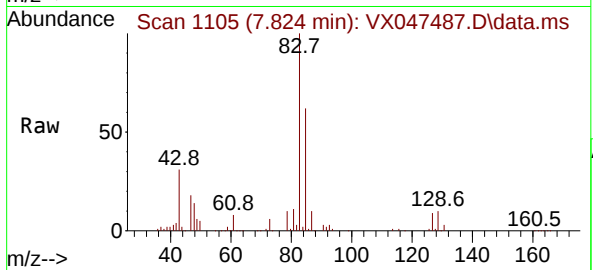
174 92.5 75.8 113.6





#47
Bromodichloromethane
Concen: 20.018 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

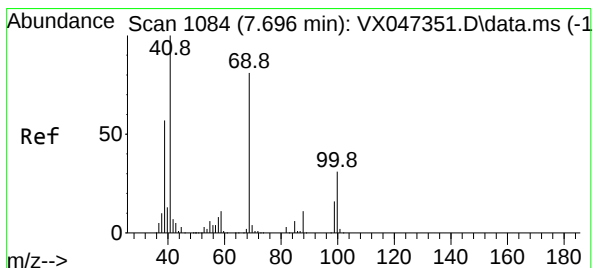
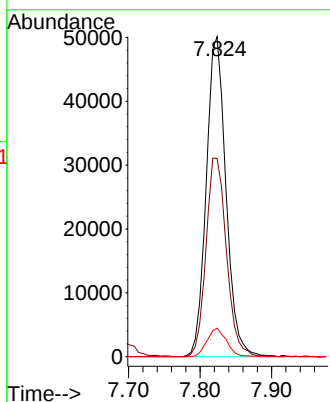
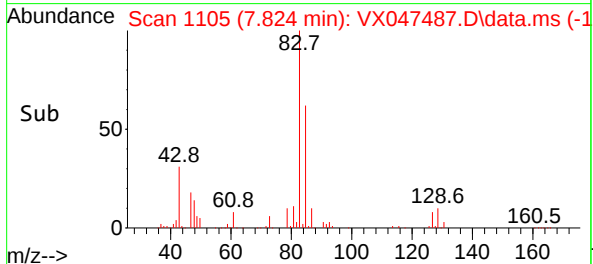
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



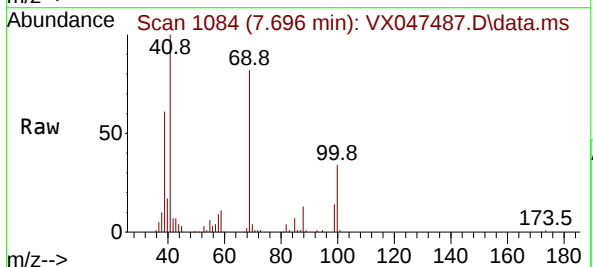
Tgt Ion: 83 Resp: 96072
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.6
127 8.9 7.0 10.4

Manual Integrations
APPROVED

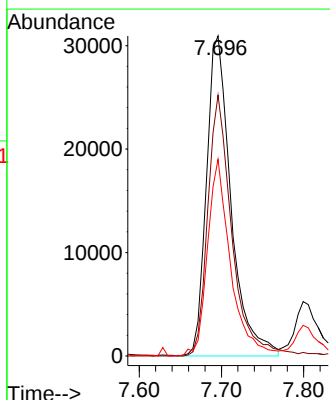
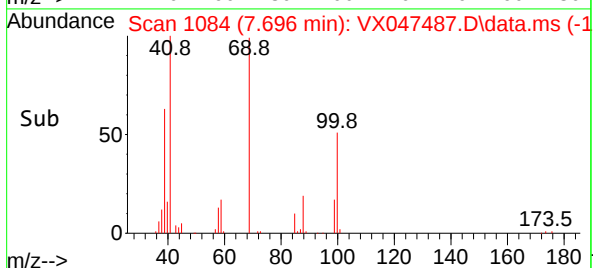
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

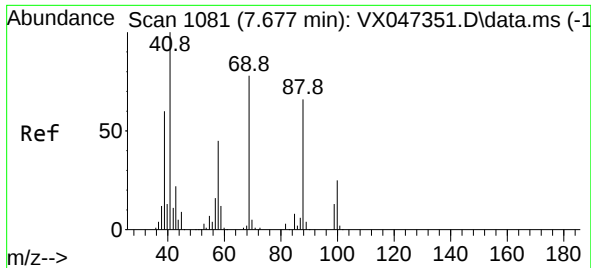


#48
Methyl methacrylate
Concen: 19.558 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



Tgt Ion: 41 Resp: 64383
Ion Ratio Lower Upper
41 100
69 80.6 65.0 97.4
39 57.7 45.7 68.5





#49

1,4-Dioxane

Concen: 405.097 ug/l

RT: 7.690 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tgt Ion: 88 Resp: 12964

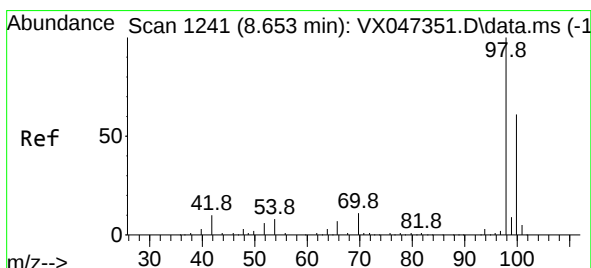
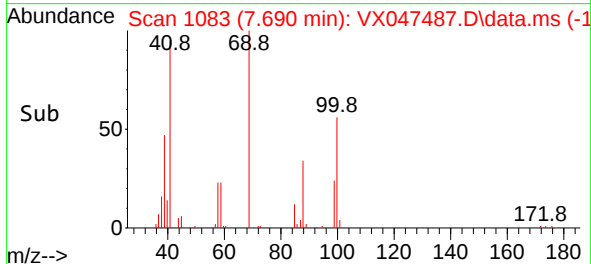
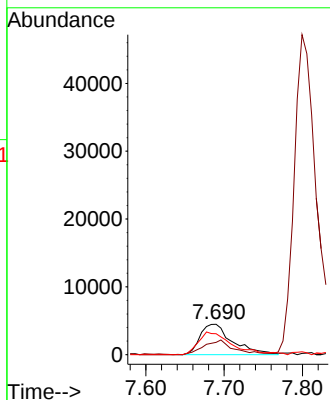
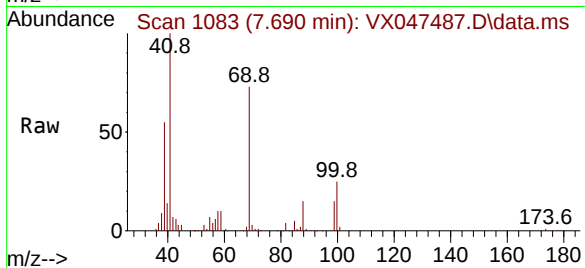
Ion	Ratio	Lower	Upper
88	100		
43	44.2	32.4	48.6
58	76.7	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#50

Toluene-d8

Concen: 46.675 ug/l

RT: 8.647 min Scan# 1240

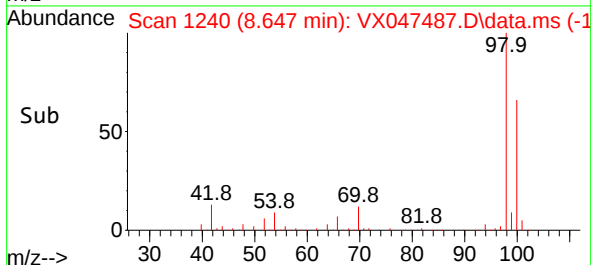
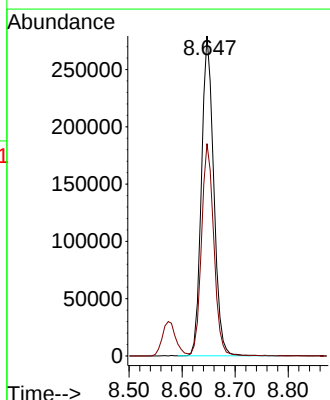
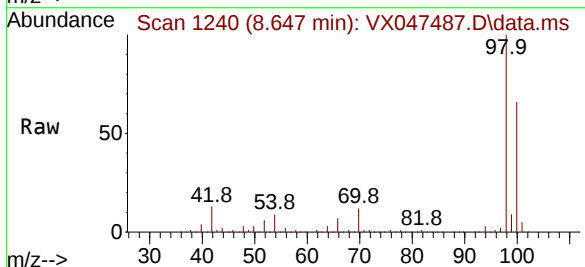
Delta R.T. -0.006 min

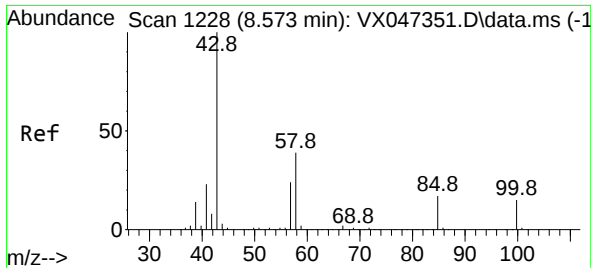
Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Tgt Ion: 98 Resp: 449419

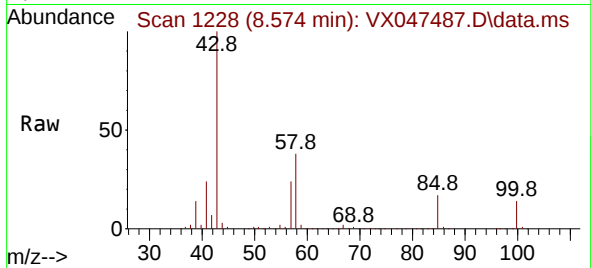
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.9	80.9





#51
4-Methyl-2-Pentanone
Concen: 100.531 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

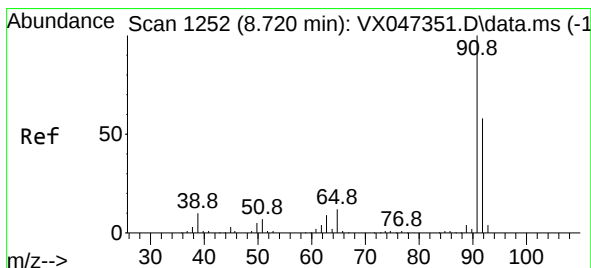
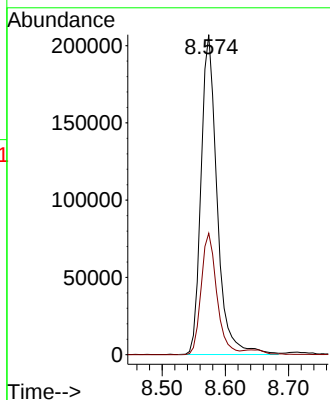
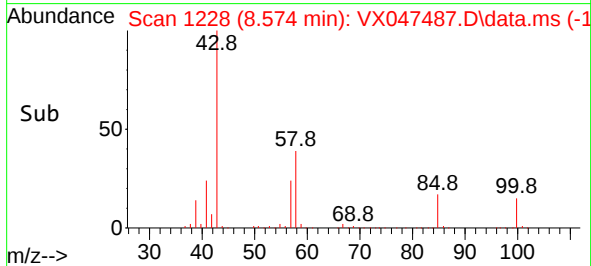
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 43 Resp: 366900
Ion Ratio Lower Upper
43 100
58 37.1 31.2 46.8

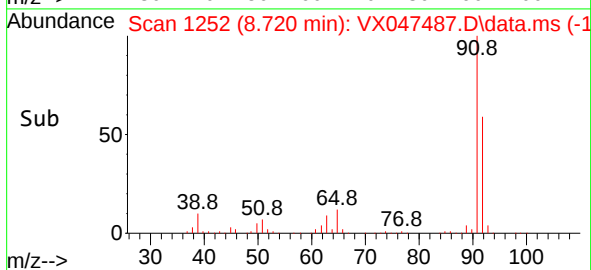
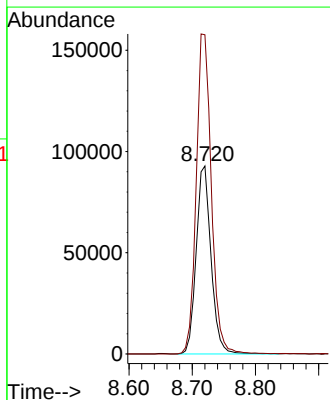
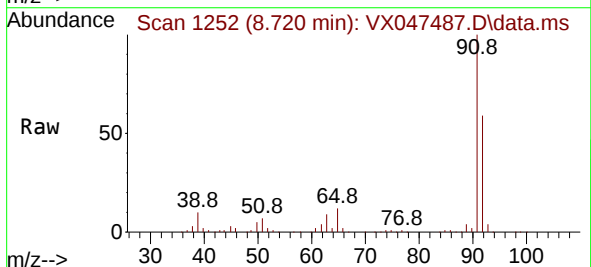
Manual Integrations
APPROVED

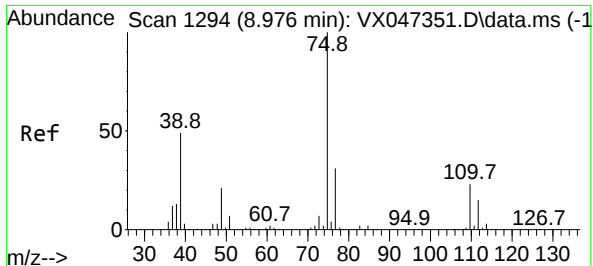
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#52
Toluene
Concen: 19.306 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 92 Resp: 151845
Ion Ratio Lower Upper
92 100
91 173.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 20.311 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tgt Ion: 75 Resp: 8507

Ion Ratio Lower Upper

75 100

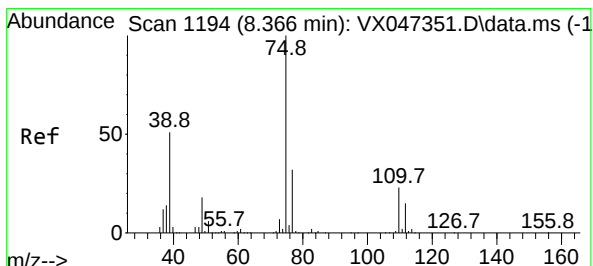
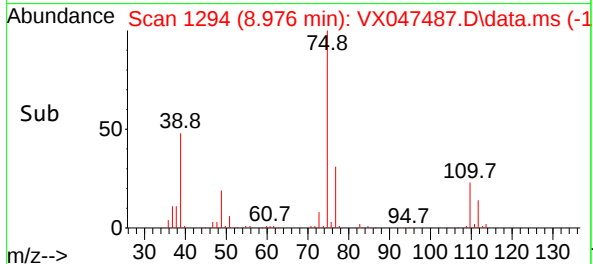
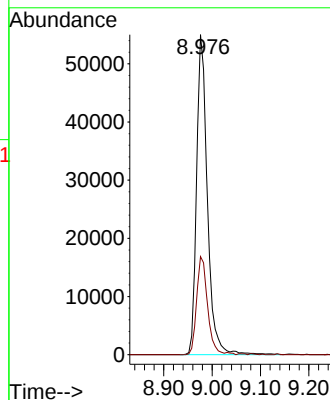
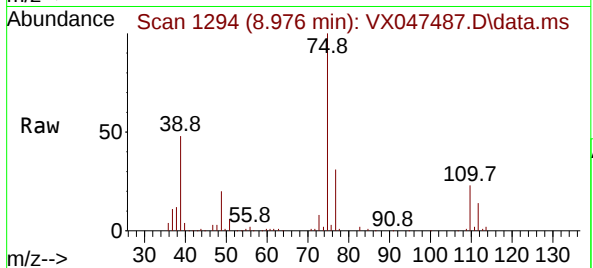
77 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#54

cis-1,3-Dichloropropene

Concen: 20.269 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

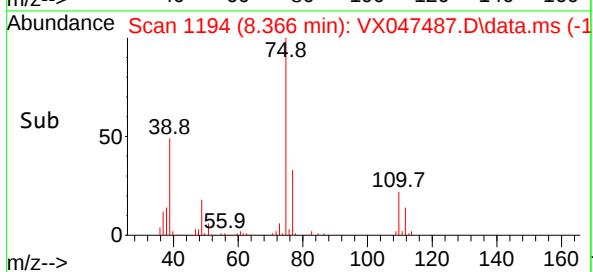
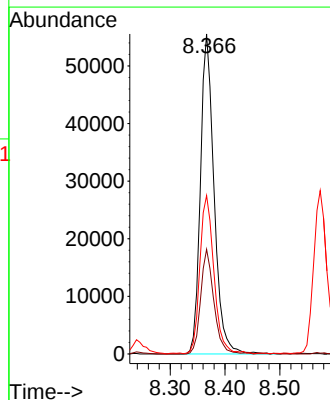
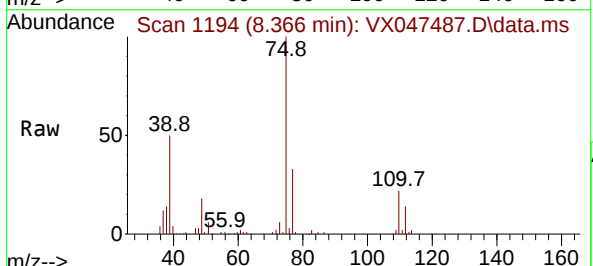
Tgt Ion: 75 Resp: 96096

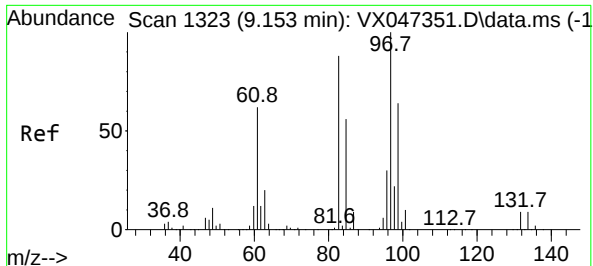
Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

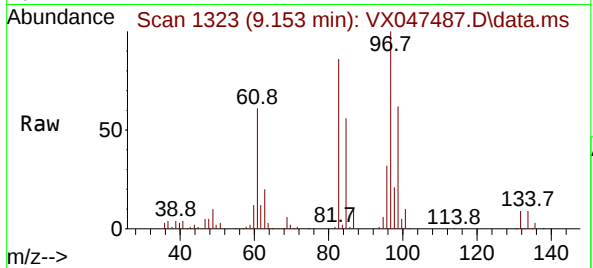
39 49.4 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 20.484 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

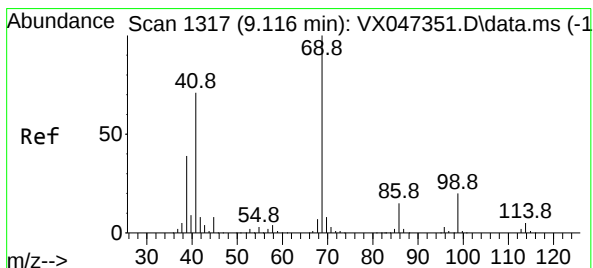
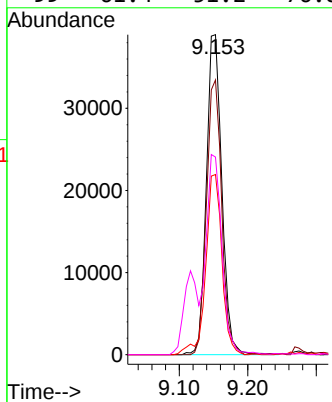
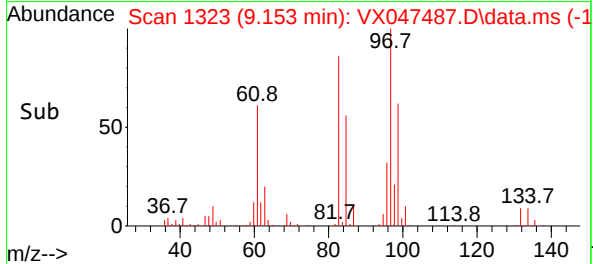
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



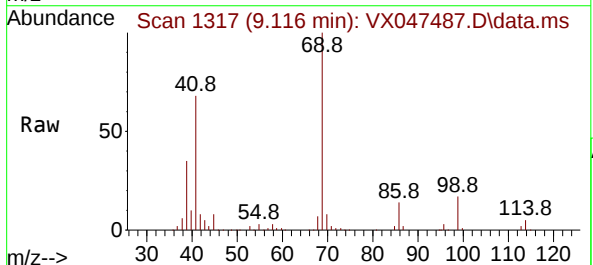
Tgt Ion: 97 Resp: 6117
Ion Ratio Lower Upper
97 100
83 85.9 70.6 106.0
85 56.1 44.7 67.1
99 61.4 51.2 76.8

Manual Integrations
APPROVED

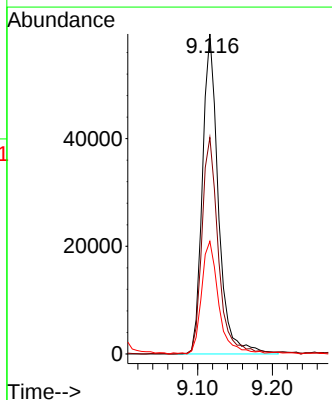
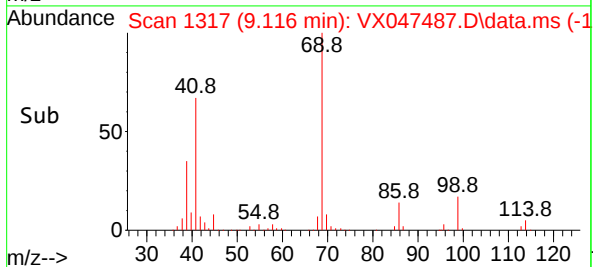
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

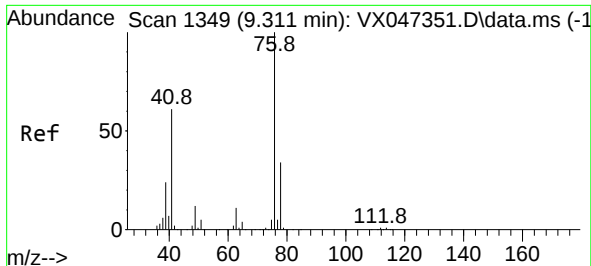


#56
Ethyl methacrylate
Concen: 20.012 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



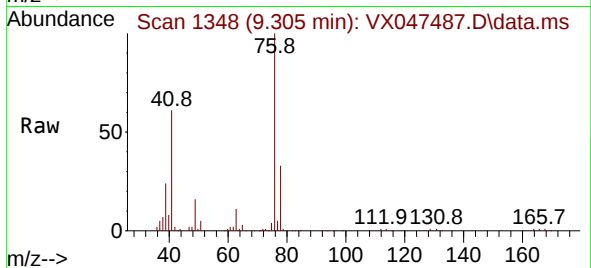
Tgt Ion: 69 Resp: 88107
Ion Ratio Lower Upper
69 100
41 70.7 55.3 82.9
39 38.1 30.2 45.2





#57
1,3-Dichloropropane
Concen: 20.516 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

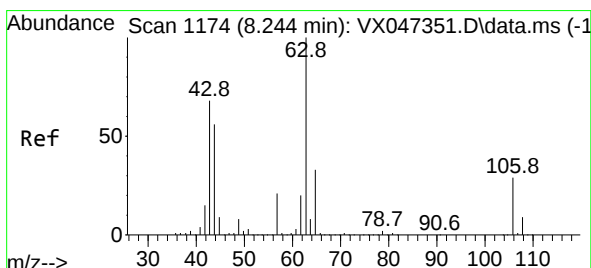
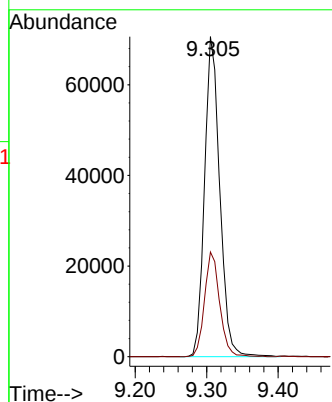
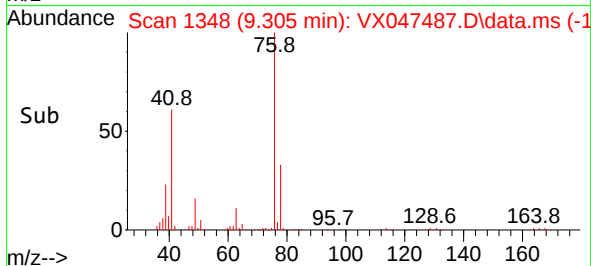
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 76 Resp: 10439
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

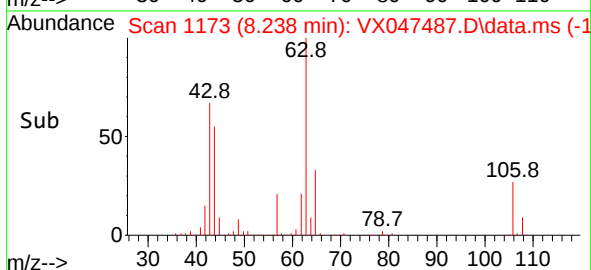
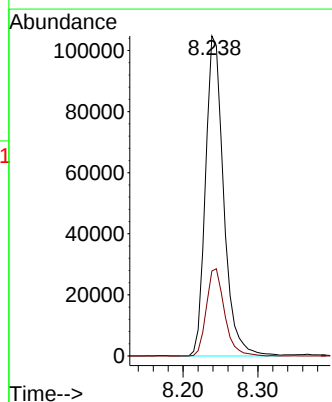
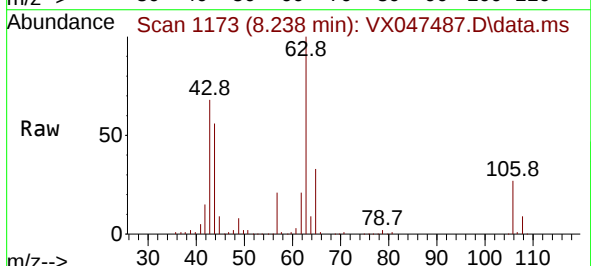
Manual Integrations
APPROVED

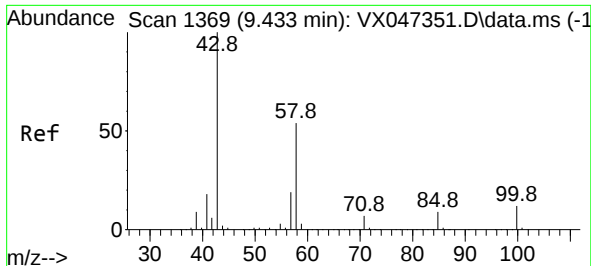
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 89.599 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

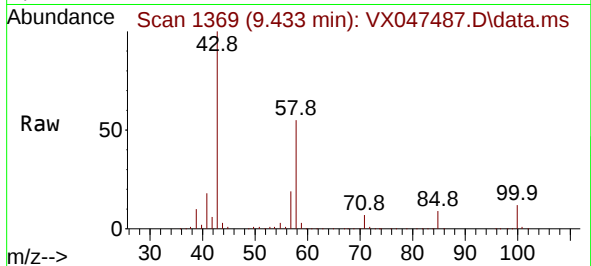
Tgt Ion: 63 Resp: 176711
Ion Ratio Lower Upper
63 100
106 27.3 22.8 34.2





#59
2-Hexanone
Concen: 98.330 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

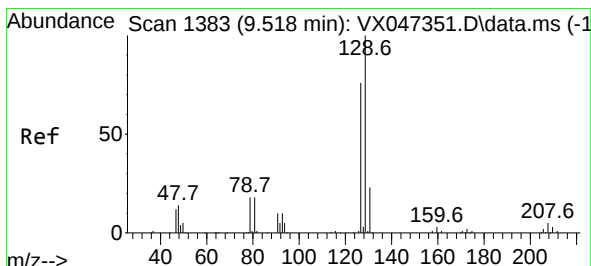
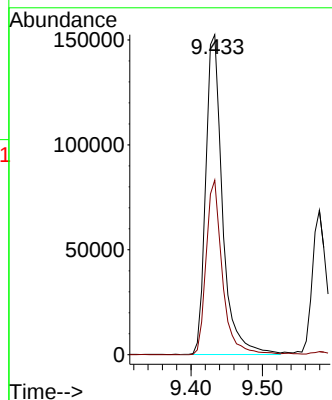
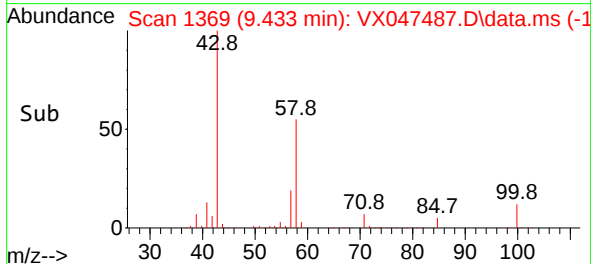
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 43 Resp: 248238
Ion Ratio Lower Upper
43 100
58 53.0 26.9 80.7

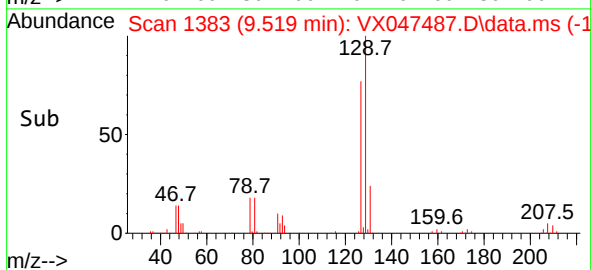
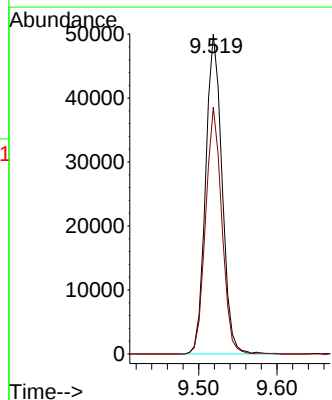
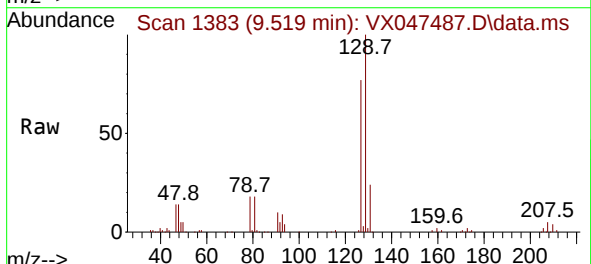
Manual Integrations
APPROVED

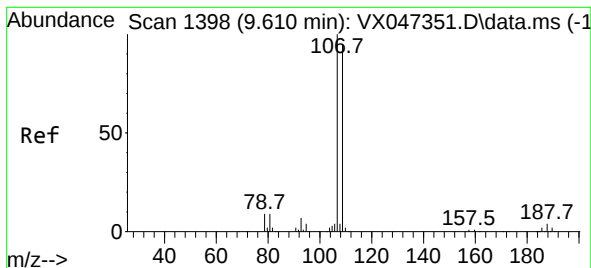
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#60
Dibromochloromethane
Concen: 20.406 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

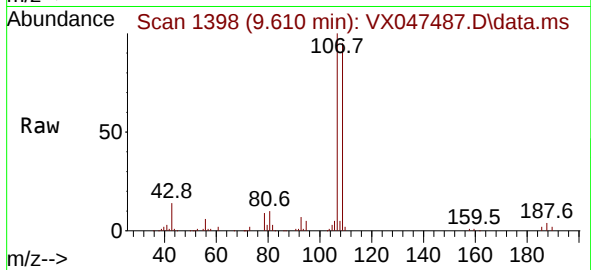
Tgt Ion:129 Resp: 72418
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.6





#61
1,2-Dibromoethane
Concen: 19.607 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

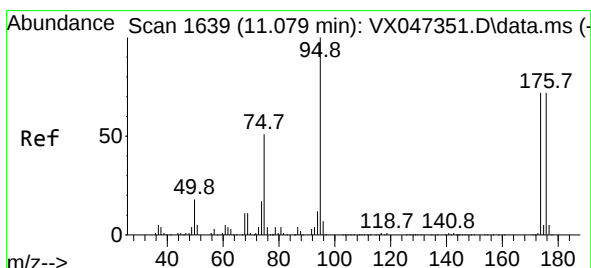
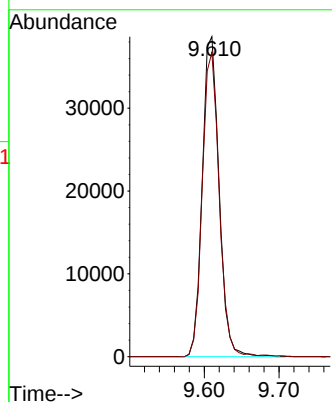
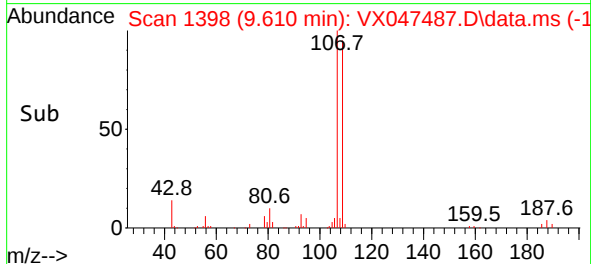
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



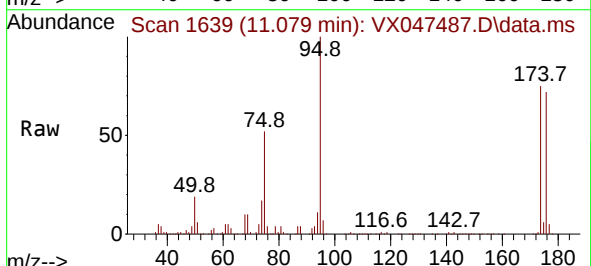
Tgt Ion:107 Resp: 60372
Ion Ratio Lower Upper
107 100
109 95.8 76.2 114.2

Manual Integrations
APPROVED

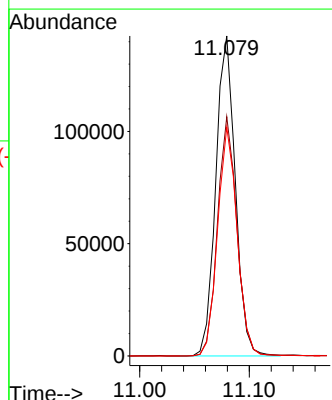
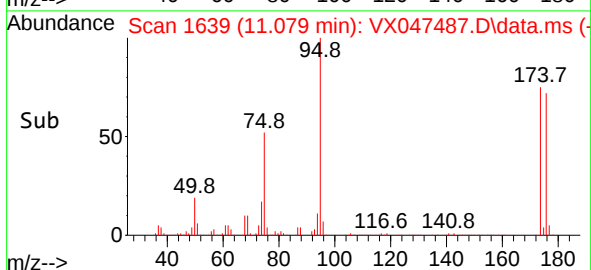
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

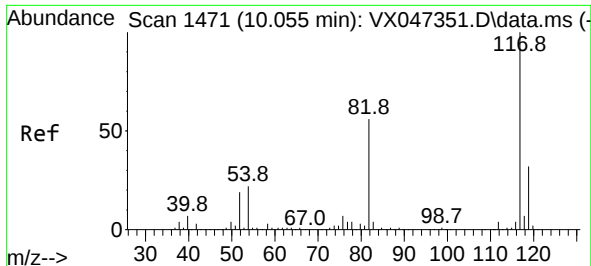


#62
4-Bromofluorobenzene
Concen: 49.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



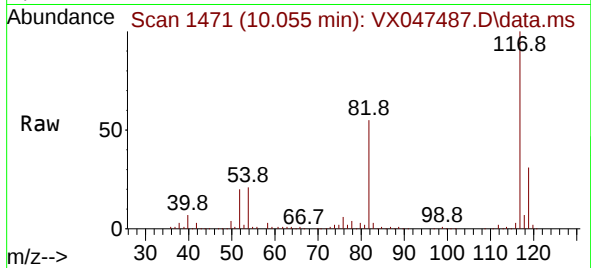
Tgt Ion: 95 Resp: 176754
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 71.7 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

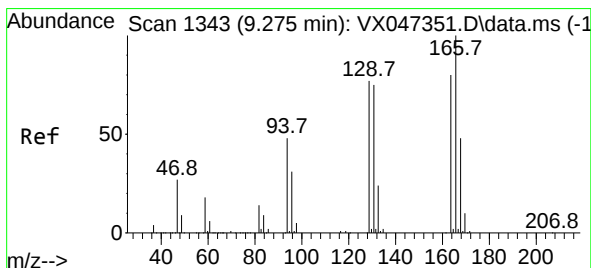
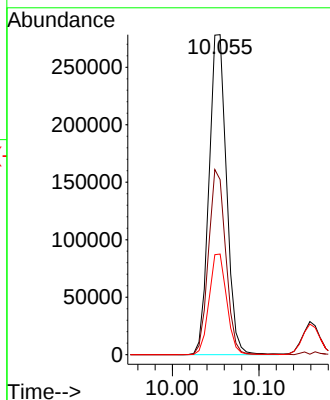
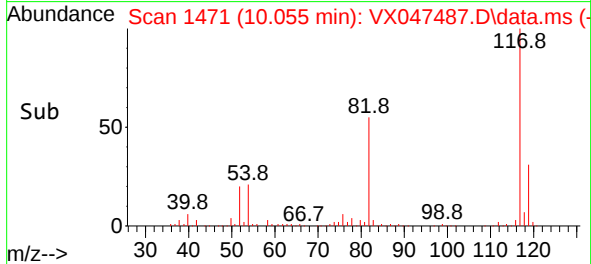
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion:117 Resp: 39046
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.5 25.8 38.8

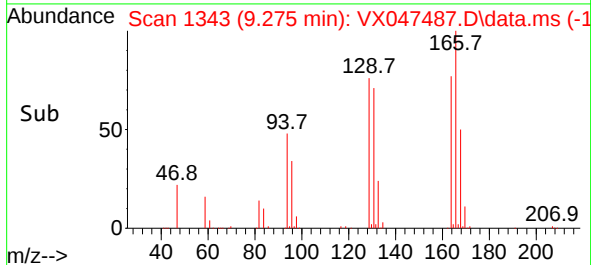
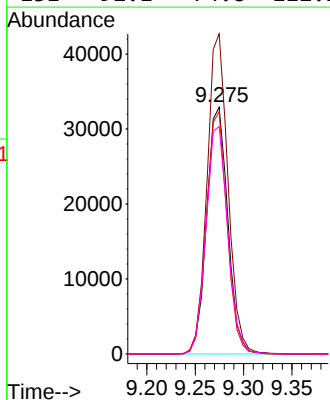
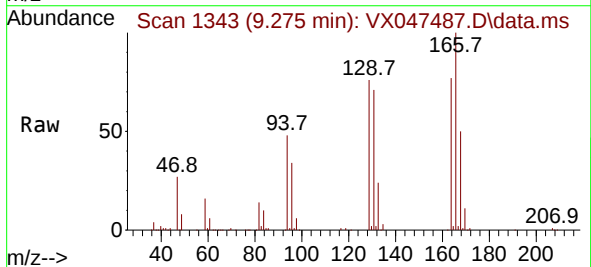
Manual Integrations
APPROVED

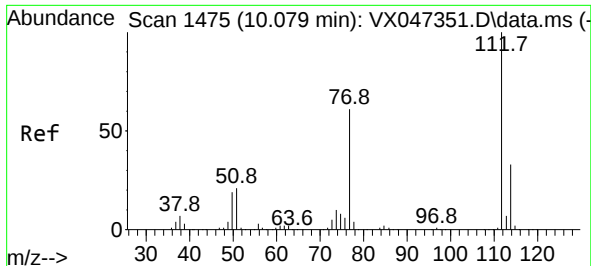
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#64
Tetrachloroethene
Concen: 17.750 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

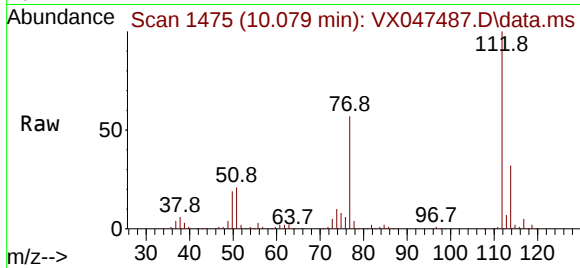
Tgt Ion:164 Resp: 50131
Ion Ratio Lower Upper
164 100
166 129.7 100.3 150.5
129 98.2 77.7 116.5
131 92.1 74.8 112.2





#65
Chlorobenzene
Concen: 18.823 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

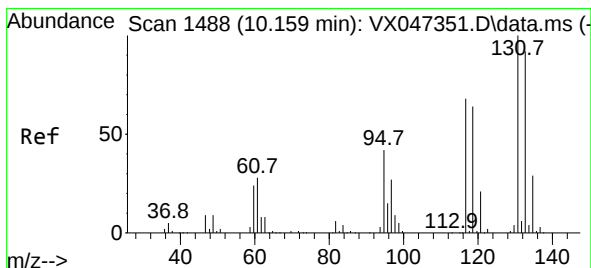
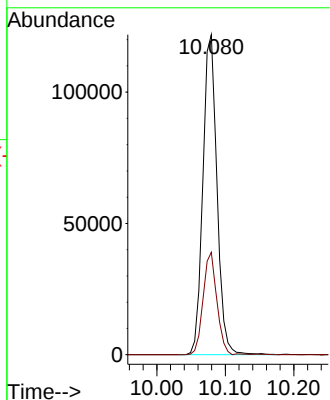
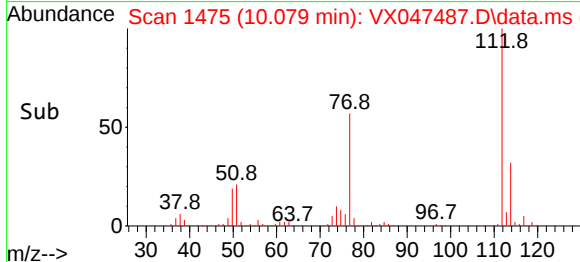
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion:112 Resp: 17465
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

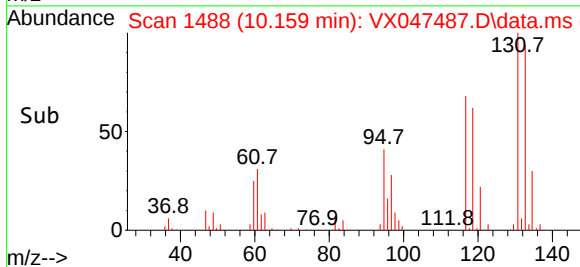
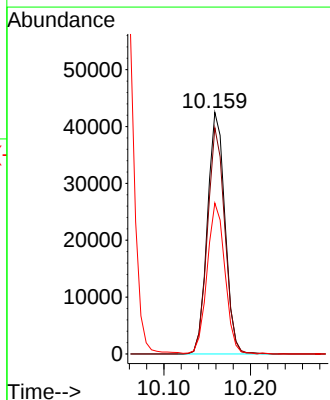
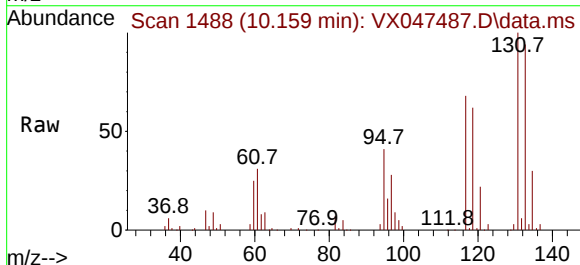
Manual Integrations
APPROVED

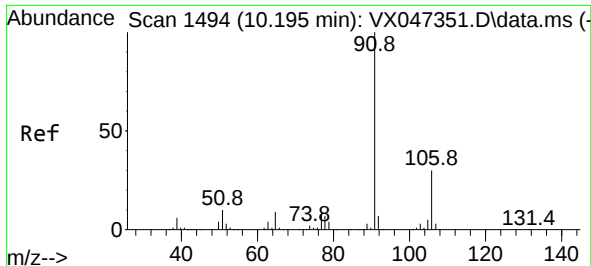
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.022 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

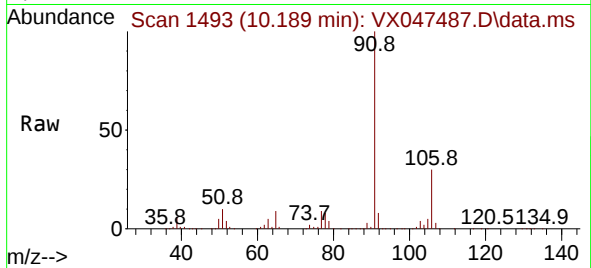
Tgt Ion:131 Resp: 59666
Ion Ratio Lower Upper
131 100
133 93.0 47.6 142.9
119 63.6 32.3 96.8





#67
Ethyl Benzene
Concen: 18.118 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

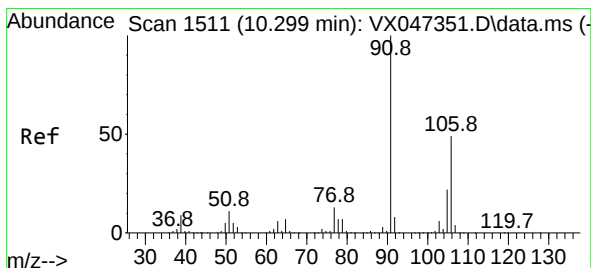
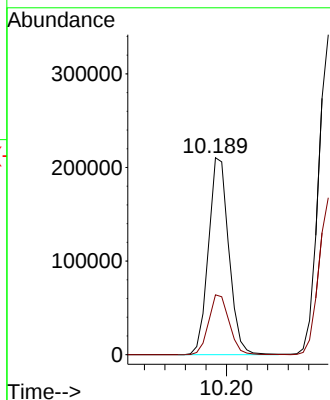
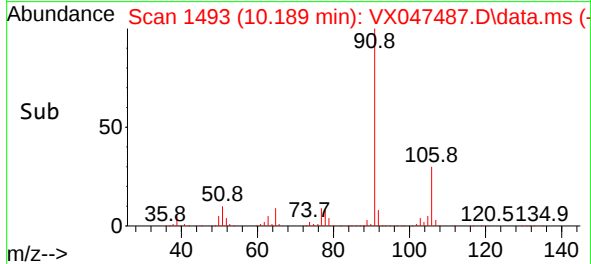
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion: 91 Resp: 289354
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

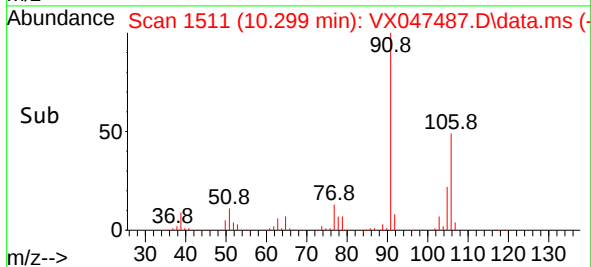
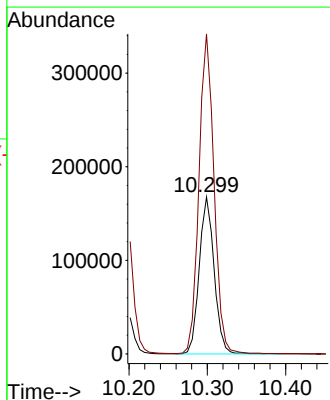
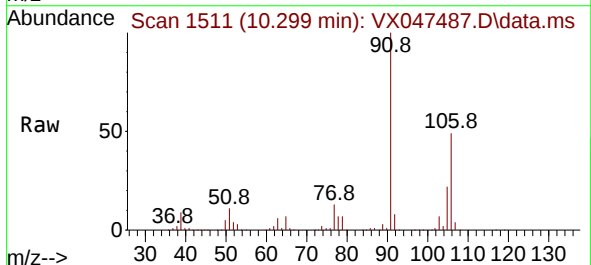
Manual Integrations
APPROVED

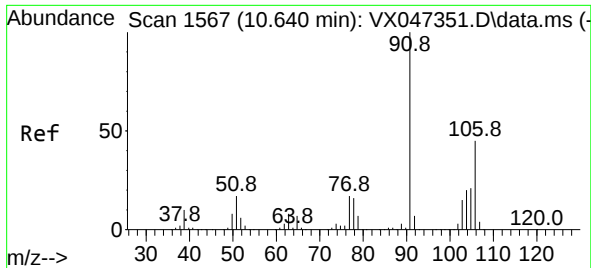
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#68
m/p-Xylenes
Concen: 37.209 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

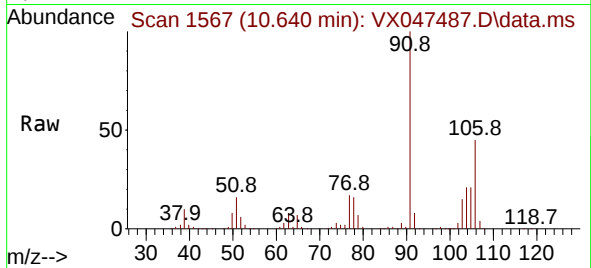
Tgt Ion:106 Resp: 221576
Ion Ratio Lower Upper
106 100
91 205.8 164.7 247.1





#69
o-Xylene
Concen: 18.548 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

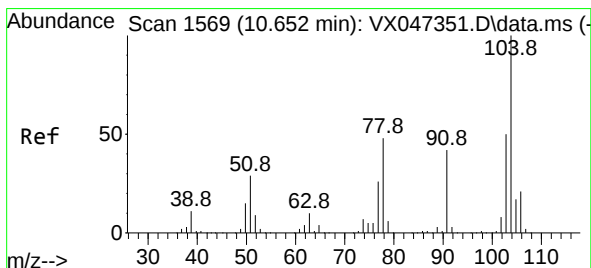
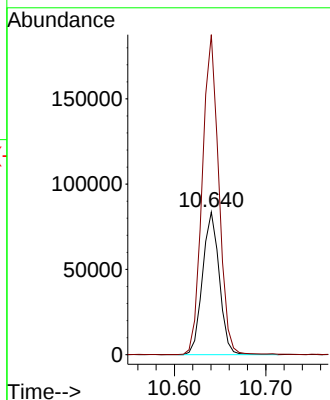
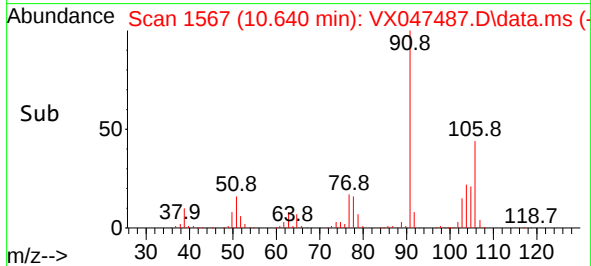
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



Tgt Ion:106 Resp: 106294
Ion Ratio Lower Upper
106 100
91 221.5 110.6 331.8

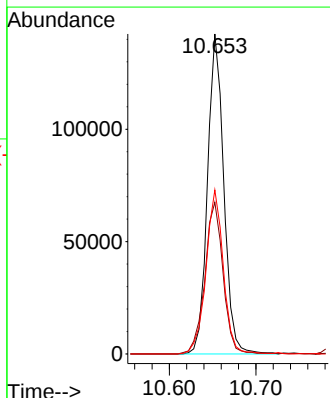
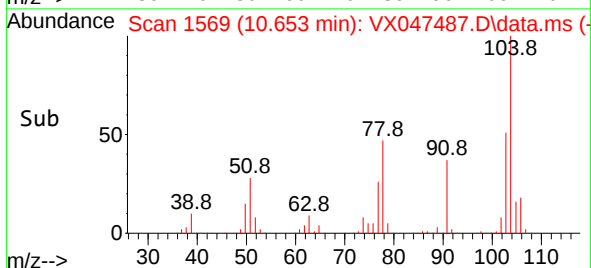
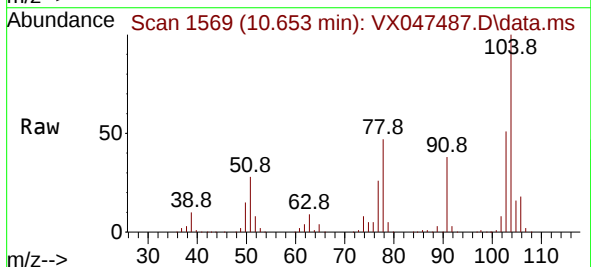
Manual Integrations
APPROVED

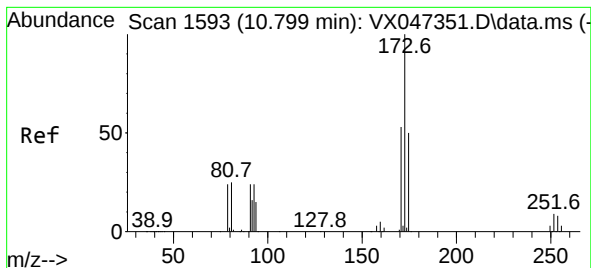
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#70
Styrene
Concen: 19.224 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Tgt Ion:104 Resp: 186142
Ion Ratio Lower Upper
104 100
78 53.2 41.8 62.8
103 54.7 43.6 65.4





#71

Bromoform

Concen: 19.011 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

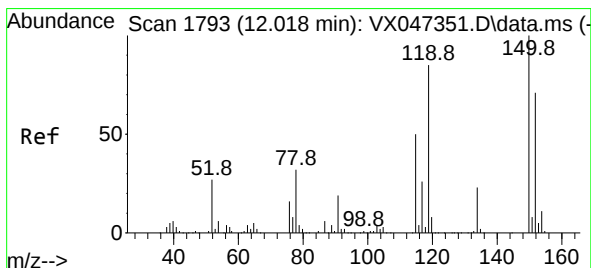
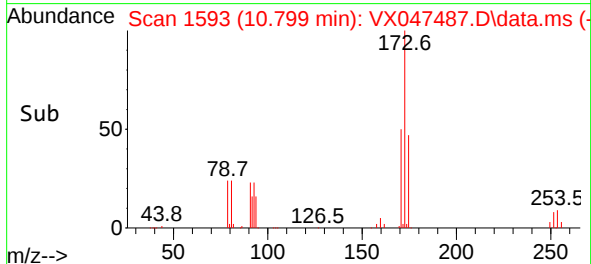
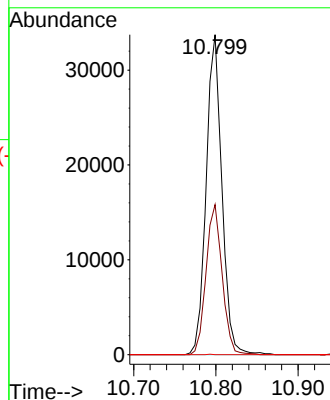
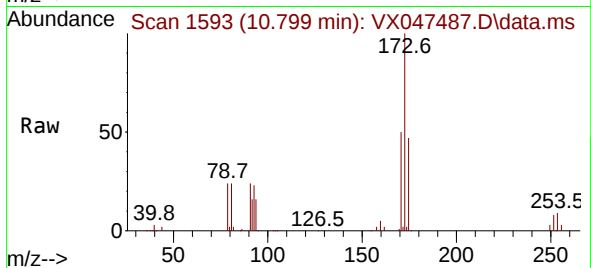
Tgt Ion:173	Resp:	44798
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.4 73.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

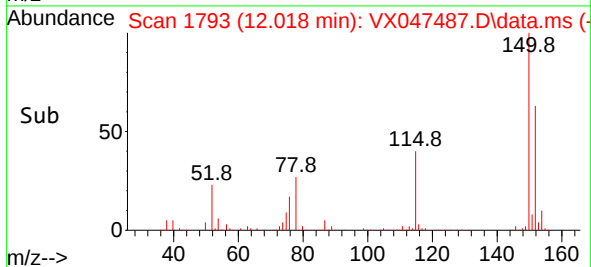
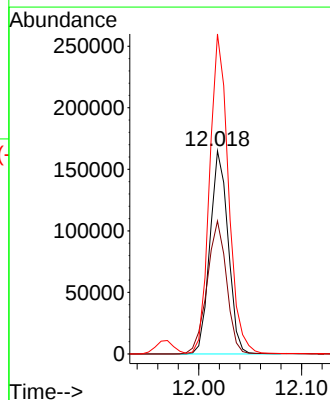
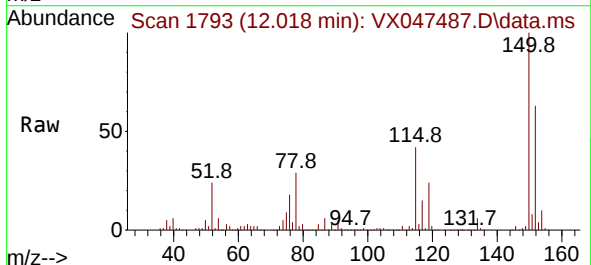
RT: 12.018 min Scan# 1793

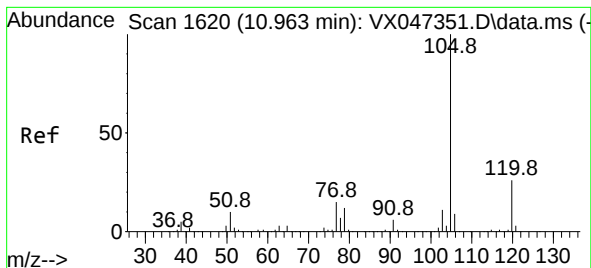
Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Tgt Ion:152	Resp:	202080
Ion Ratio	Lower	Upper
152	100	
115	70.5	44.6 133.8
150	163.9	0.0 349.8





#73

Isopropylbenzene

Concen: 17.298 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tgt Ion:105 Resp: 27354

Ion Ratio Lower Upper

105 100

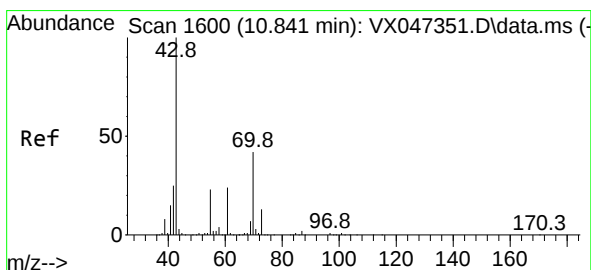
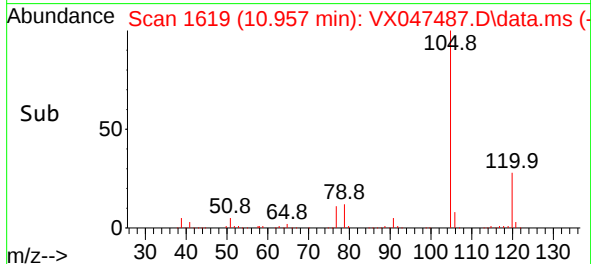
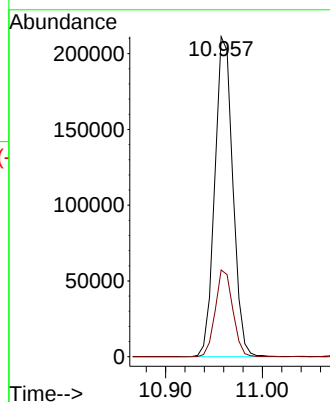
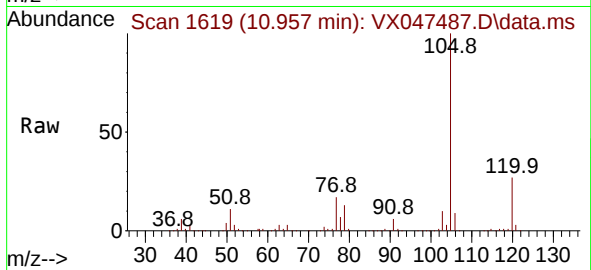
120 26.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#74

N-ethyl acetate

Concen: 17.447 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Tgt Ion: 43 Resp: 104769

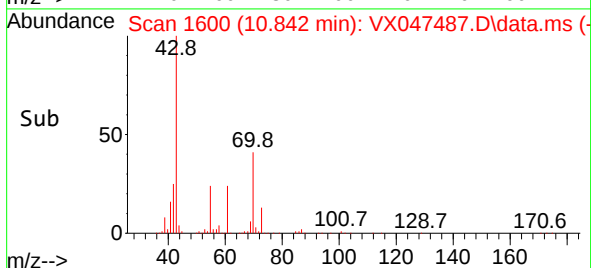
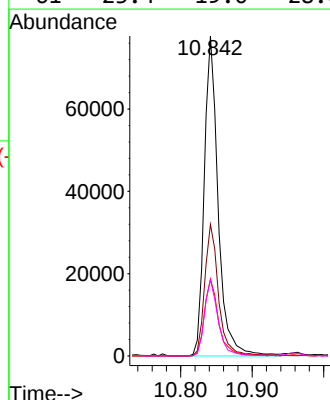
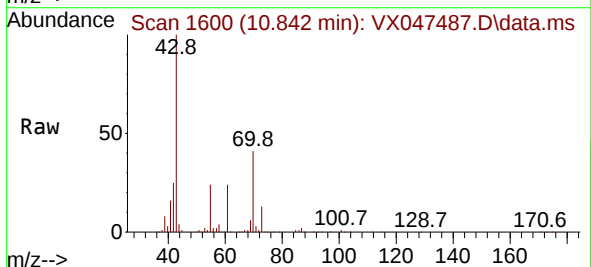
Ion Ratio Lower Upper

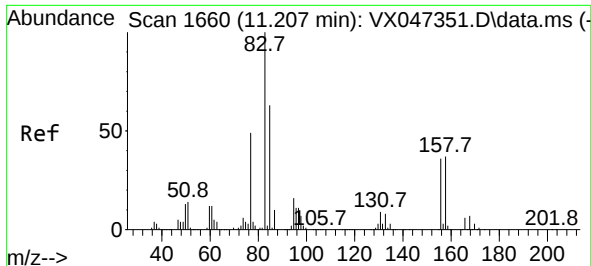
43 100

70 41.4 33.1 49.7

55 24.7 19.0 28.6

61 23.4 19.0 28.6





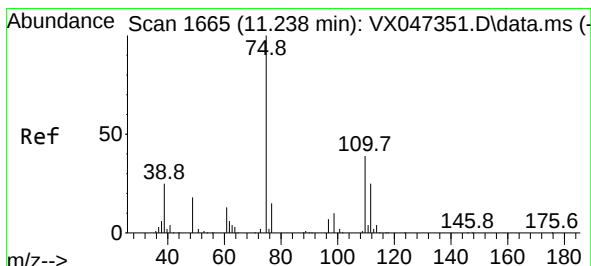
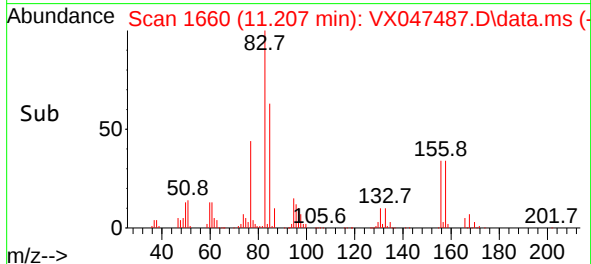
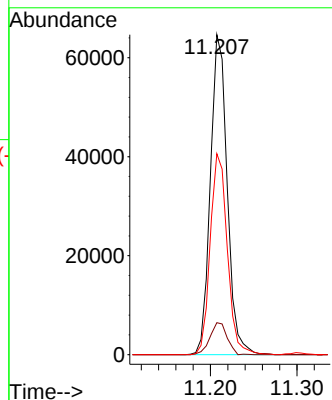
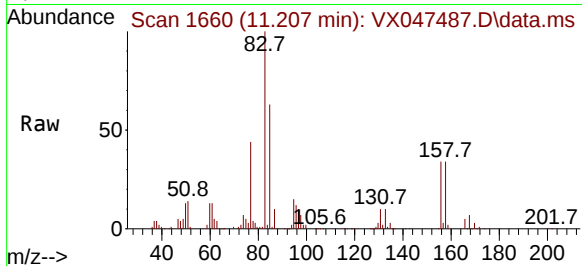
#75
1,1,2,2-Tetrachloroethane
Concen: 18.799 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tgt Ion: 83 Resp: 8728
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 63.8 31.7 95.1

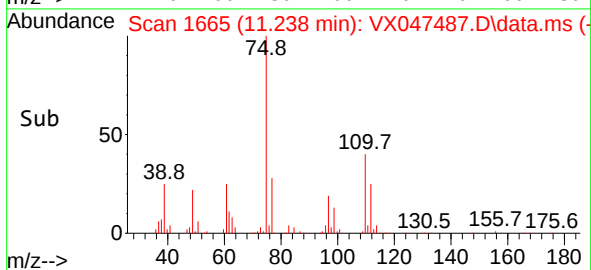
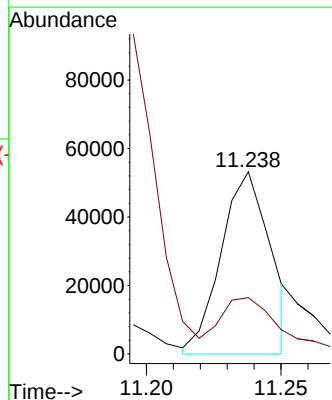
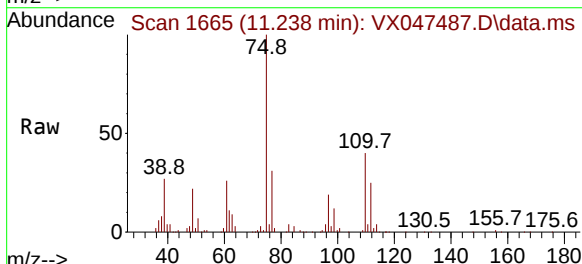
Manual Integrations
APPROVED

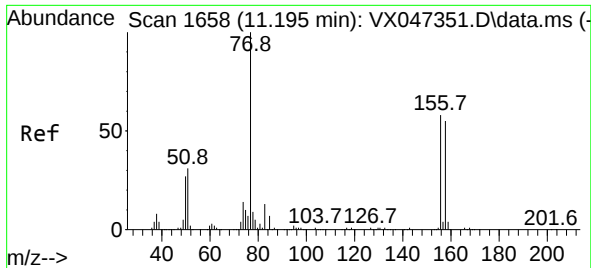
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#76
1,2,3-Trichloropropane
Concen: 18.194 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Tgt Ion: 75 Resp: 67433
Ion Ratio Lower Upper
75 100
77 38.9 19.4 58.2





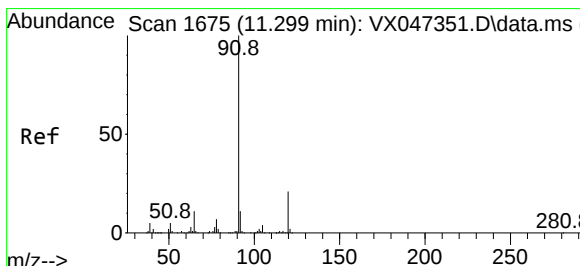
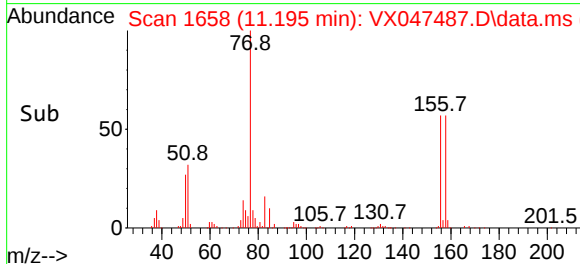
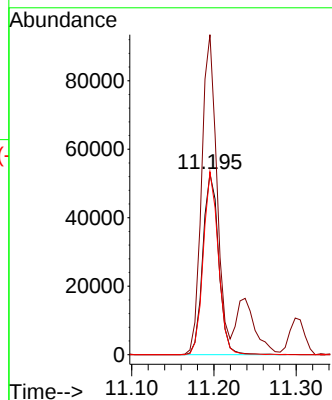
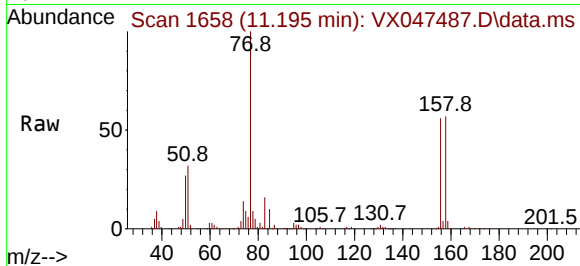
#77
Bromobenzene
Concen: 18.287 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tgt Ion:156 Resp: 70615
Ion Ratio Lower Upper
156 100
77 170.8 86.3 258.9
158 96.6 48.0 144.2

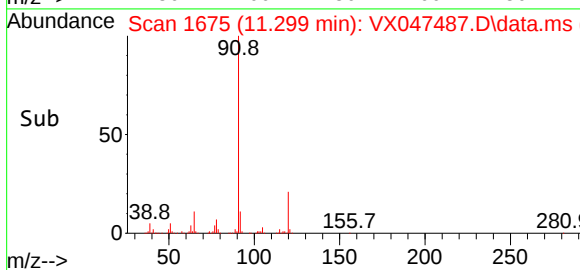
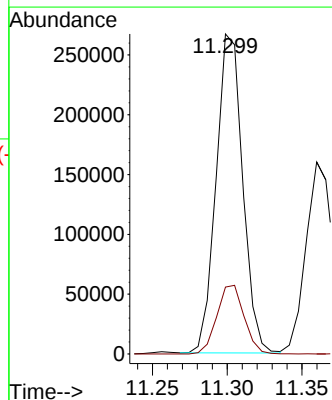
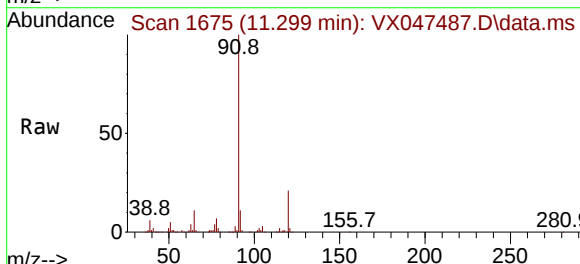
Manual Integrations
APPROVED

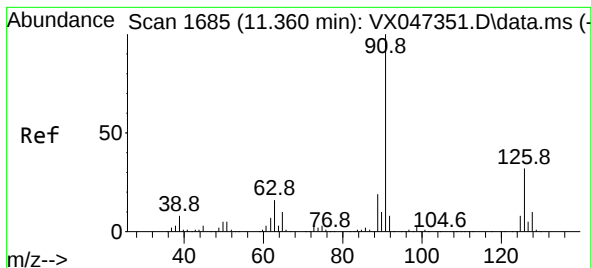
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#78
n-propylbenzene
Concen: 17.475 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

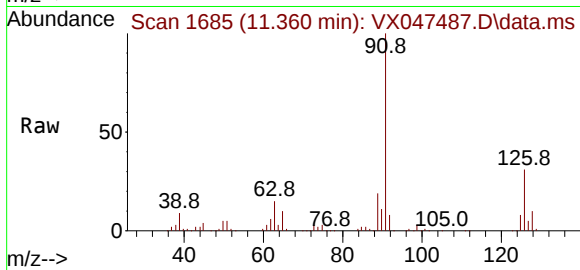
Tgt Ion: 91 Resp: 330035
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79
2-Chlorotoluene
Concen: 17.779 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

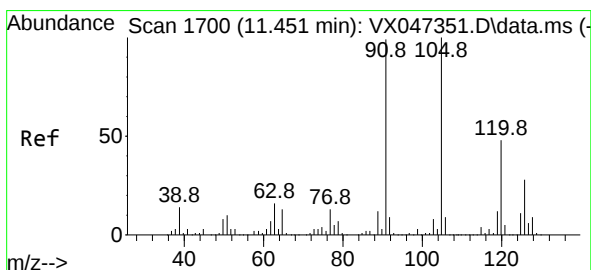
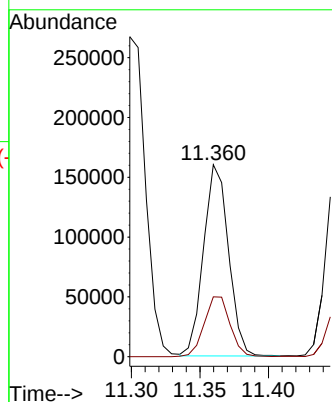
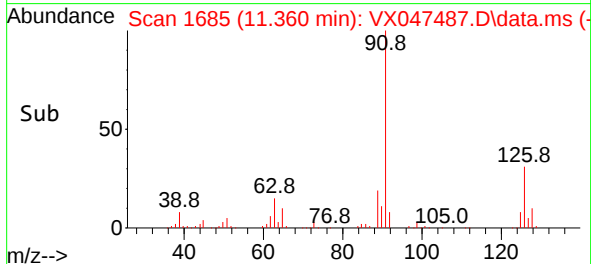
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



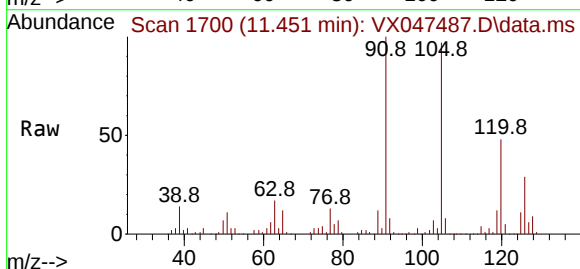
Tgt Ion: 91 Resp: 20298
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.1

Manual Integrations
APPROVED

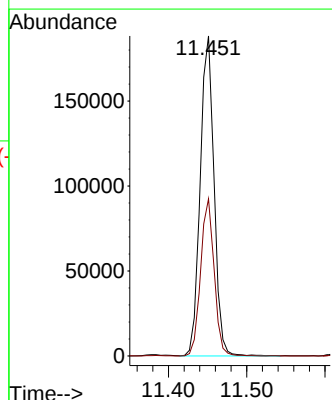
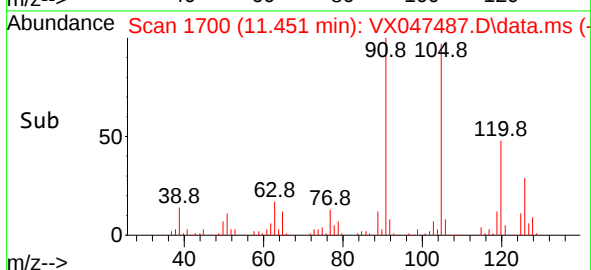
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

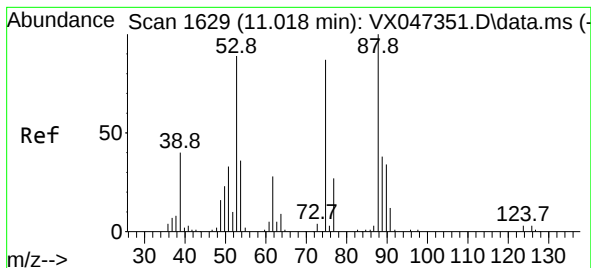


#80
1,3,5-Trimethylbenzene
Concen: 17.817 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



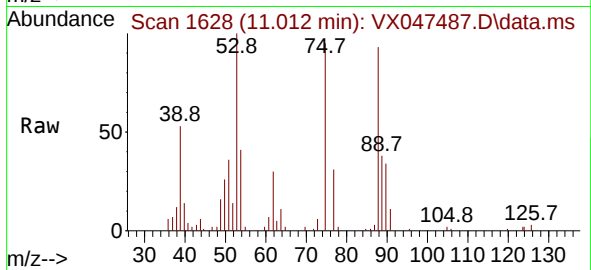
Tgt Ion:105 Resp: 231822
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.845 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

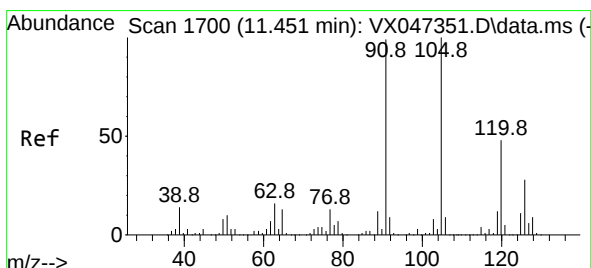
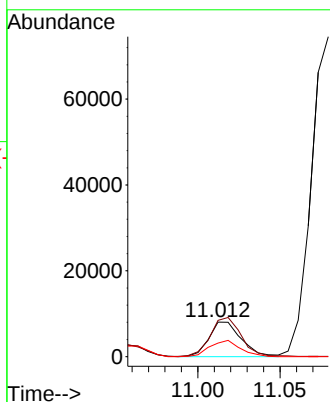
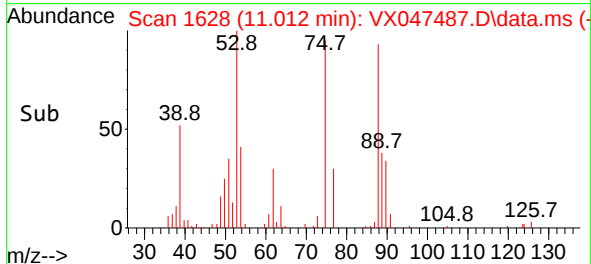
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



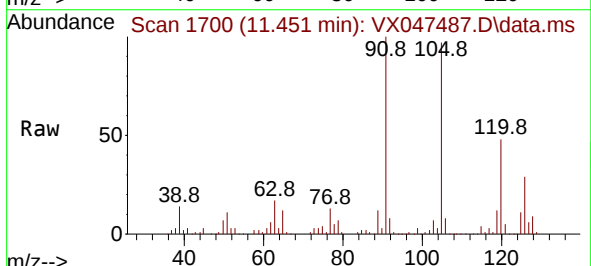
Tgt Ion: 75 Resp: 11110
Ion Ratio Lower Upper
75 100
53 109.5 85.2 127.8
89 44.4 36.7 55.1

Manual Integrations
APPROVED

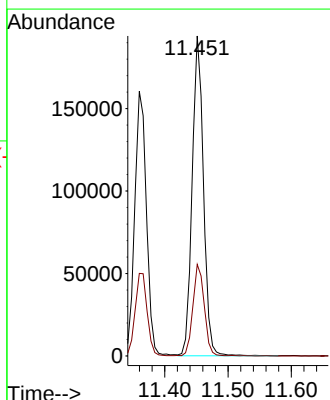
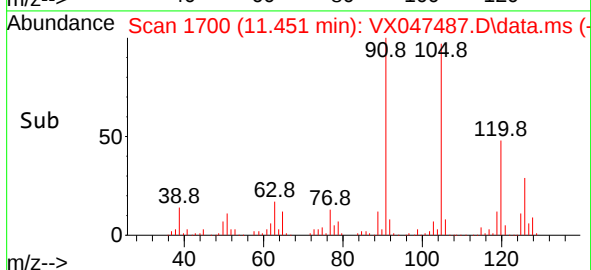
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

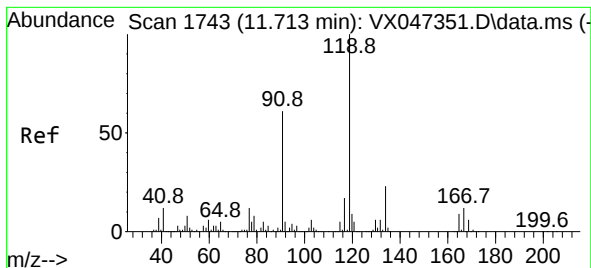


#82
4-Chlorotoluene
Concen: 17.879 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



Tgt Ion: 91 Resp: 240627
Ion Ratio Lower Upper
91 100
126 28.6 14.4 43.0





#83

tert-Butylbenzene

Concen: 17.652 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

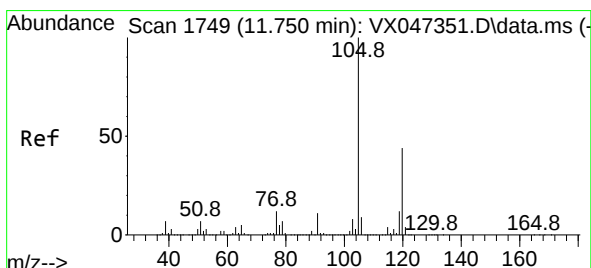
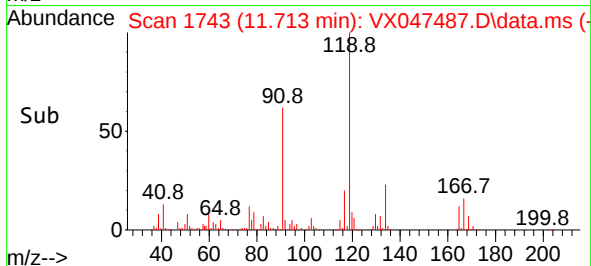
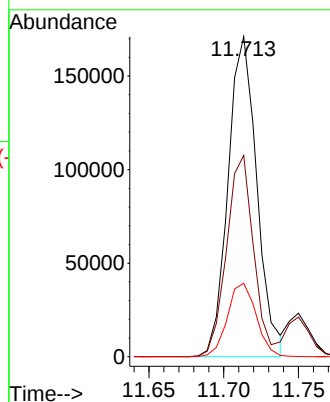
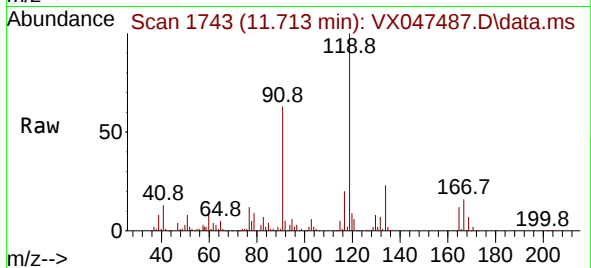
Tgt Ion:	119	Resp:	22913
Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.1	87.4
134	22.9	11.3	33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#84

1,2,4-Trimethylbenzene

Concen: 18.246 ug/l

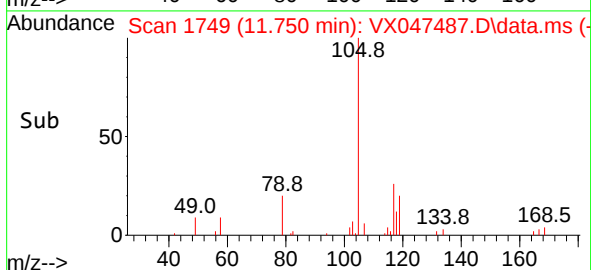
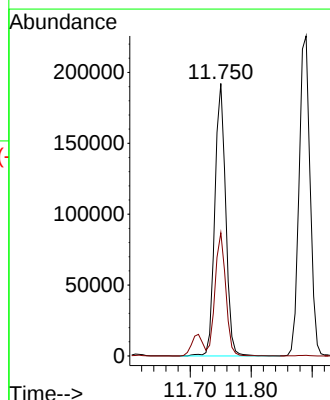
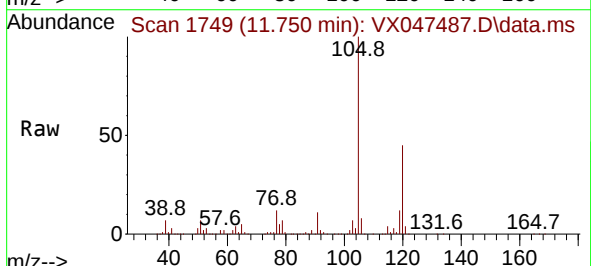
RT: 11.750 min Scan# 1749

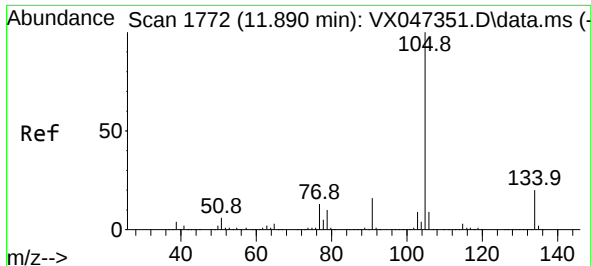
Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

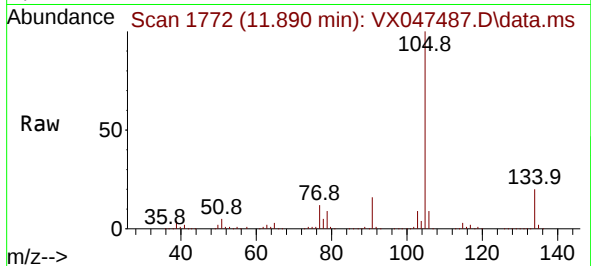
Tgt Ion:	105	Resp:	237410
Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.9	65.7





#85
 sec-Butylbenzene
 Concen: 17.649 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047487.D
 Acq: 22 Aug 2025 11:22

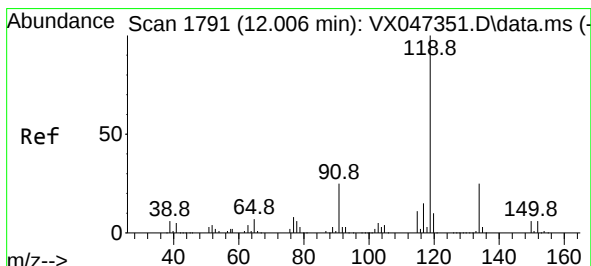
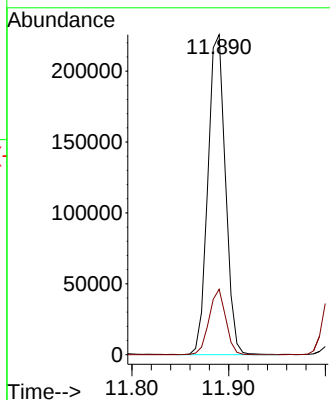
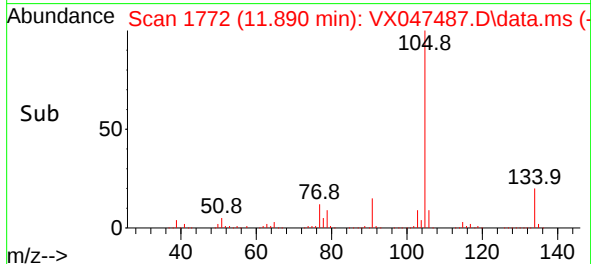
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01



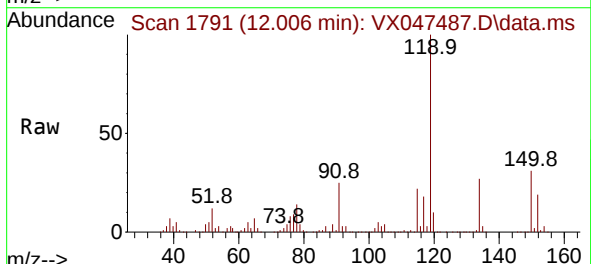
Tgt Ion:105 Resp: 283969
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5

Manual Integrations
 APPROVED

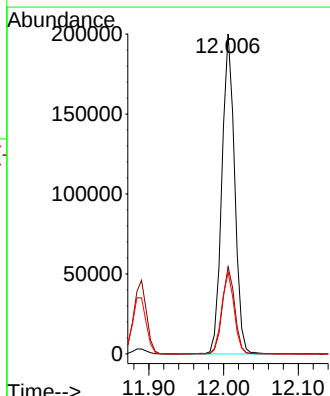
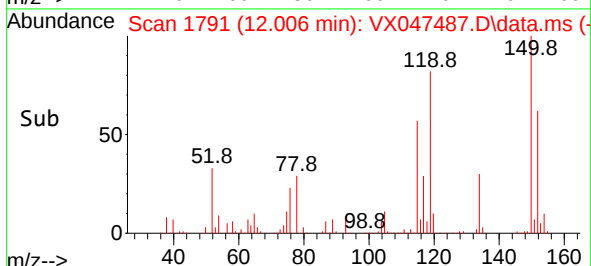
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

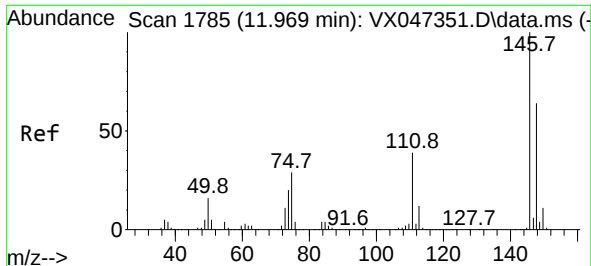


#86
 p-Isopropyltoluene
 Concen: 17.391 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047487.D
 Acq: 22 Aug 2025 11:22



Tgt Ion:119 Resp: 236780
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.4
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 17.839 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tgt Ion:146 Resp: 13160

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

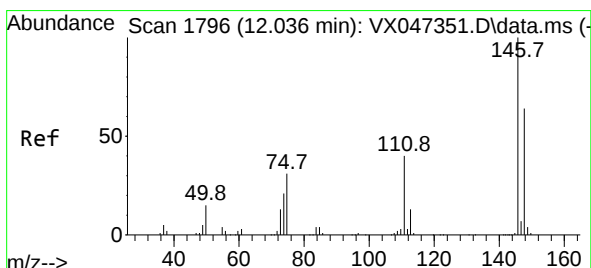
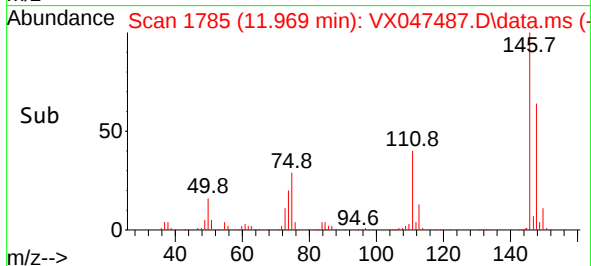
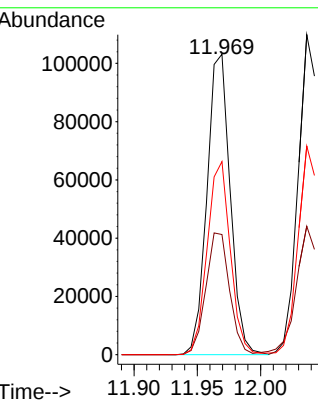
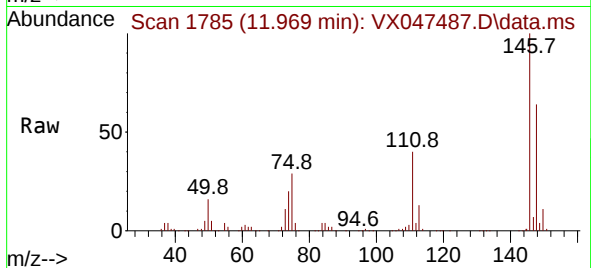
148 63.9 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#88

1,4-Dichlorobenzene

Concen: 17.771 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

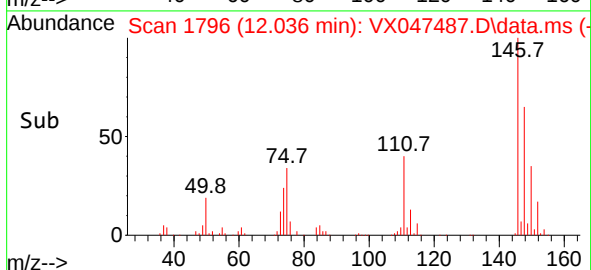
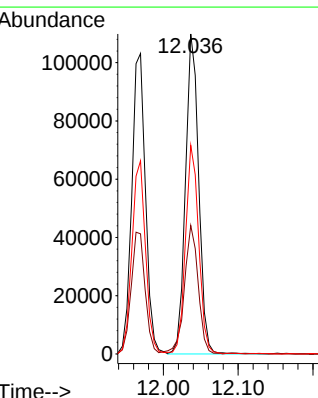
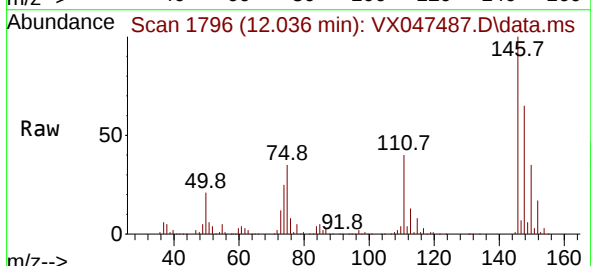
Tgt Ion:146 Resp: 134836

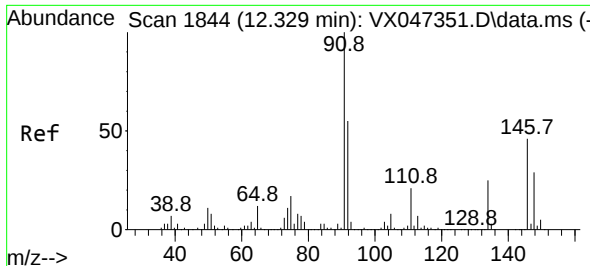
Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.2

148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 17.347 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tgt Ion: 91 Resp: 21967

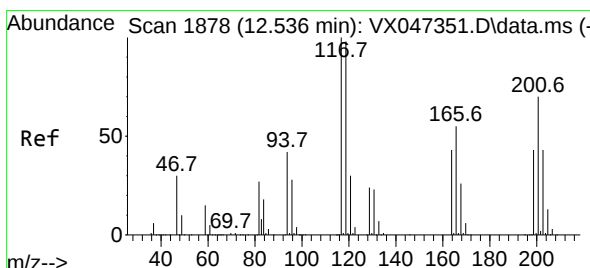
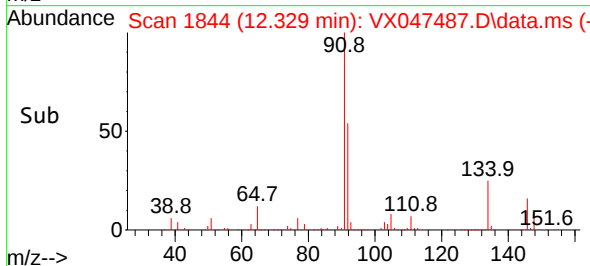
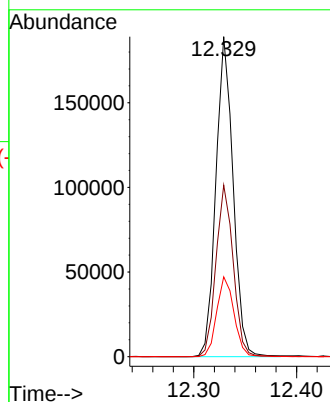
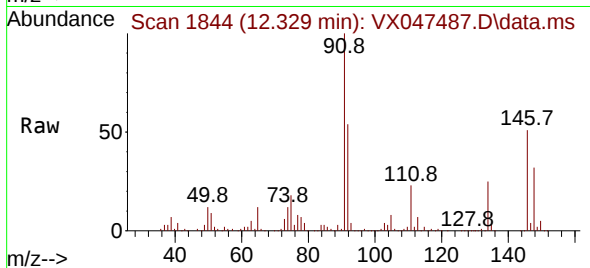
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.5
134	25.2	12.6	37.8

Manual Integrations

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Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#90

Hexachloroethane

Concen: 16.115 ug/l

RT: 12.536 min Scan# 1878

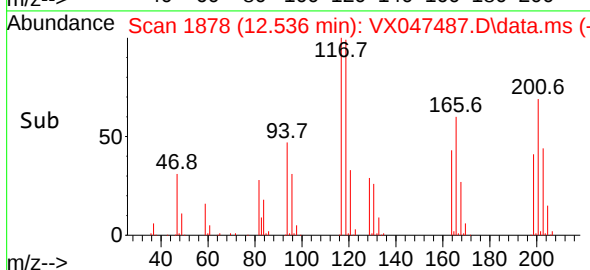
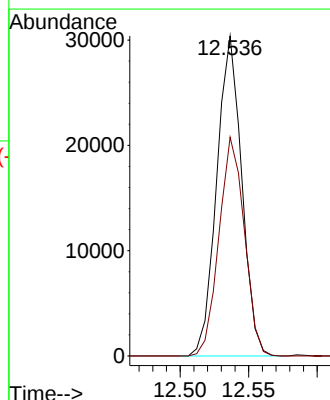
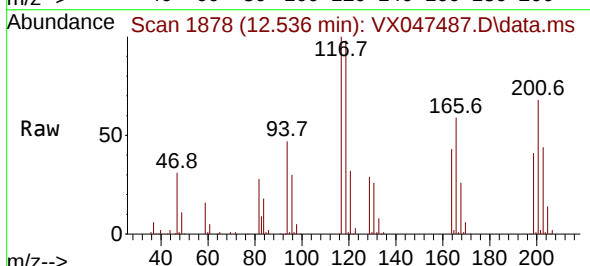
Delta R.T. 0.000 min

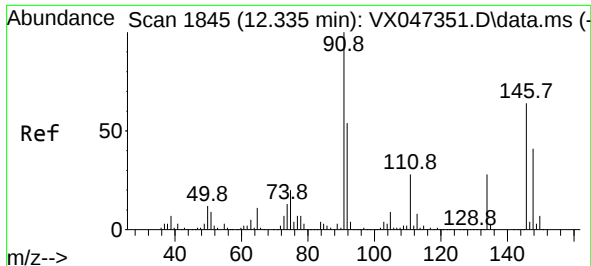
Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Tgt Ion:117 Resp: 38492

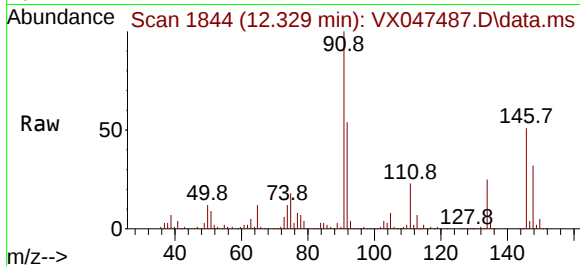
Ion	Ratio	Lower	Upper
117	100		
201	69.4	35.1	105.3





#91
1,2-Dichlorobenzene
Concen: 18.162 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

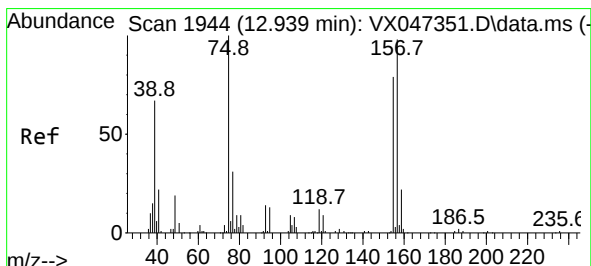
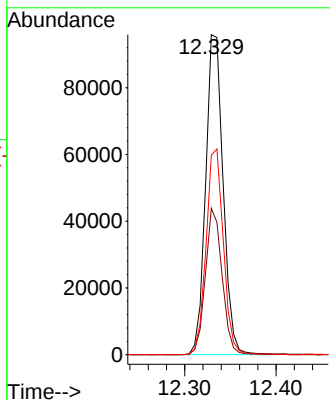
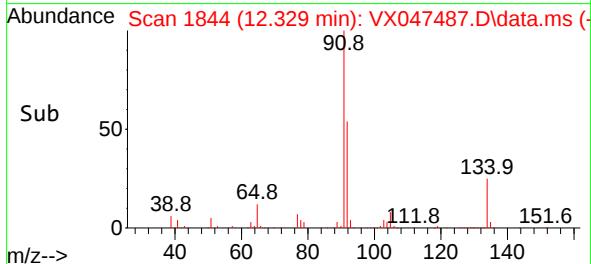
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



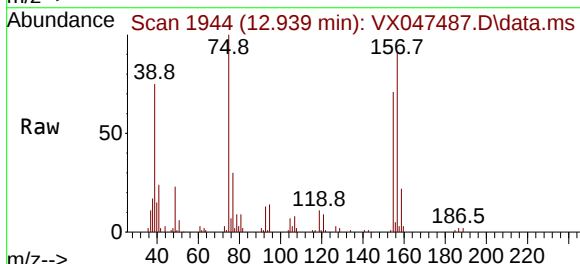
Tgt Ion:146 Resp: 127172
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.1
148 63.6 31.9 95.5

Manual Integrations
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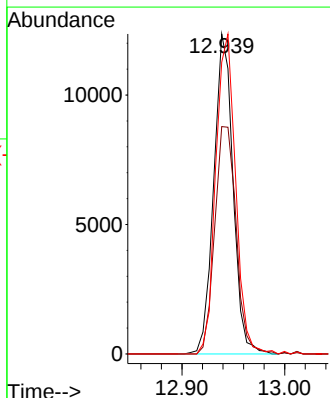
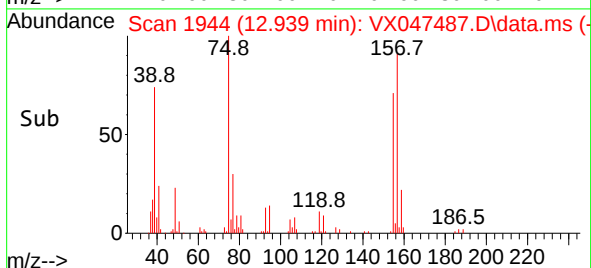
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

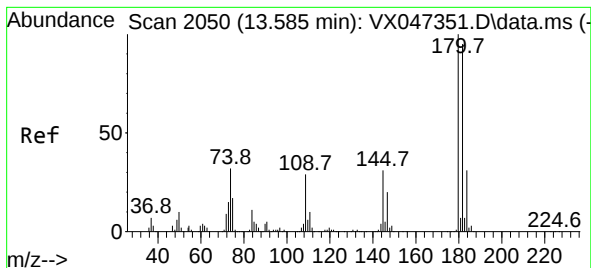


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.884 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



Tgt Ion: 75 Resp: 16058
Ion Ratio Lower Upper
75 100
155 79.2 41.3 123.7
157 102.7 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 17.381 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

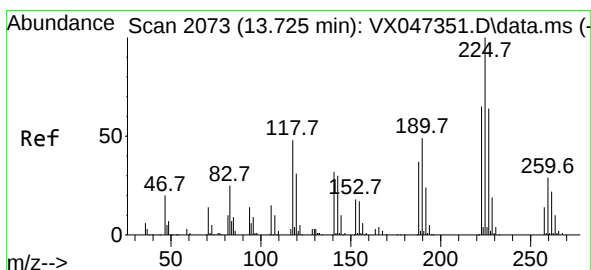
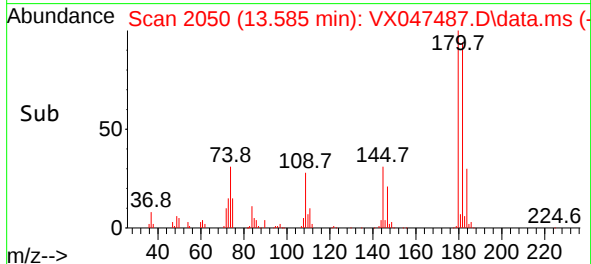
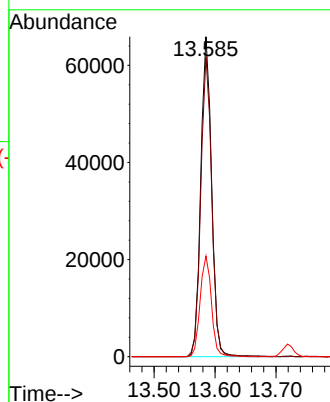
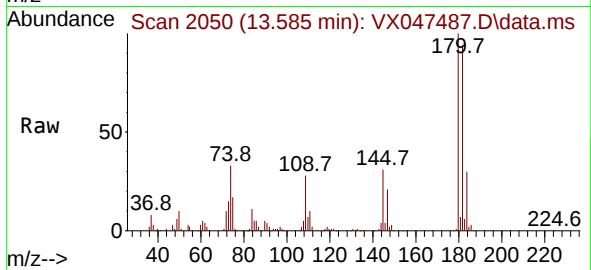
Tgt Ion:180	Resp:	8159
Ion Ratio	Lower	Upper
180	100	
182	93.7	48.1 144.4
145	32.5	16.2 48.5

Manual Integrations

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Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#94

Hexachlorobutadiene

Concen: 16.604 ug/l

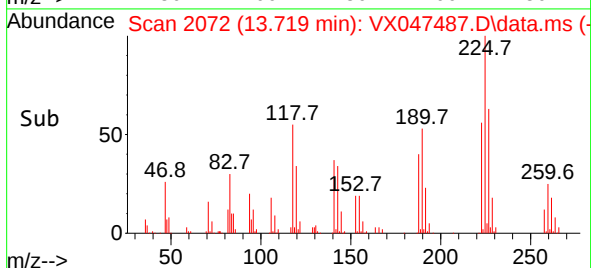
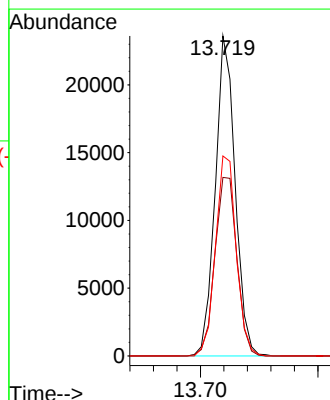
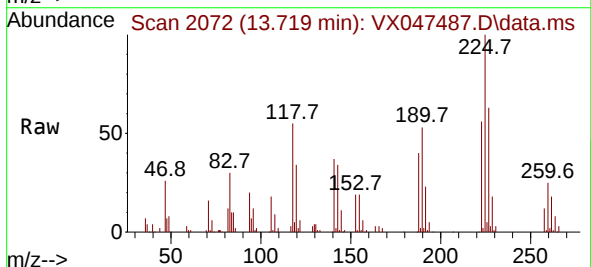
RT: 13.719 min Scan# 2072

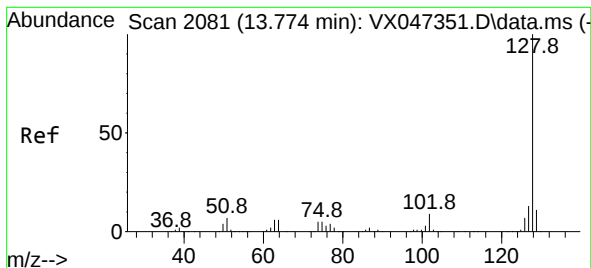
Delta R.T. -0.006 min

Lab File: VX047487.D

Acq: 22 Aug 2025 11:22

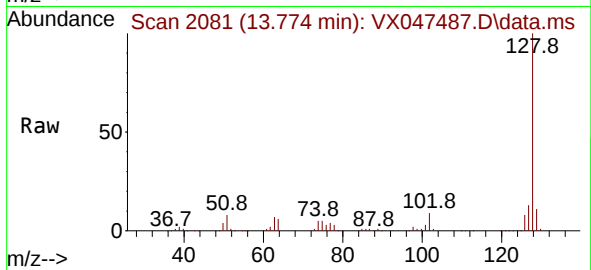
Tgt Ion:225	Resp:	27743
Ion Ratio	Lower	Upper
225	100	
223	61.7	32.2 96.6
227	65.4	31.6 95.0





#95
Naphthalene
Concen: 17.938 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22

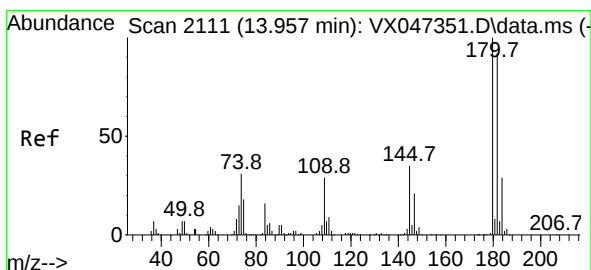
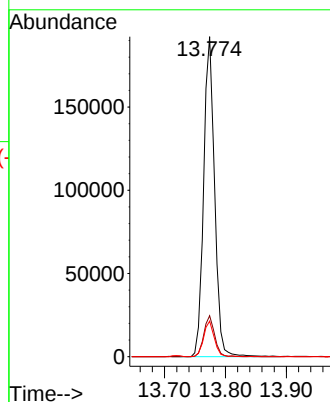
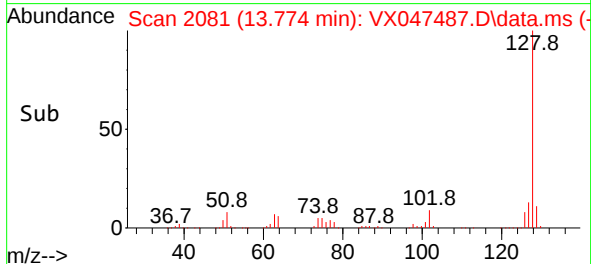
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01



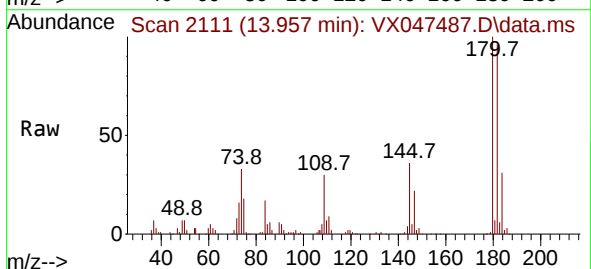
Tgt Ion:128 Resp: 24062
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.551 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047487.D
Acq: 22 Aug 2025 11:22



Tgt Ion:180 Resp: 77660
Ion Ratio Lower Upper
180 100
182 94.0 48.0 144.2
145 34.6 17.4 52.2

