

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047560.D
 Acq On : 29 Aug 2025 11:02
 Operator : JC/MD
 Sample : VX0829WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2025
 Supervised By : Semsettin Yesilyurt 09/03/2025

Quant Time: Aug 29 23:50:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	237474	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	427469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198125	54.329	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.660%			
35) Dibromofluoromethane	5.391	113	149556	50.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	8.646	98	516489	50.224	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.440%			
62) 4-Bromofluorobenzene	11.079	95	205780	53.265	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	44999	17.303	ug/l	97
3) Chloromethane	1.312	50	50014	17.608	ug/l	98
4) Vinyl Chloride	1.392	62	59553	17.836	ug/l	99
5) Bromomethane	1.629	94	30064	20.818	ug/l	98
6) Chloroethane	1.709	64	37349	17.606	ug/l	99
7) Trichlorofluoromethane	1.904	101	87161	18.354	ug/l	98
8) Diethyl Ether	2.148	74	35033	18.593	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	52701	18.634	ug/l	99
10) Methyl Iodide	2.471	142	75240	16.071	ug/l	98
11) Tert butyl alcohol	2.958	59	29976	89.430	ug/l	100
12) 1,1-Dichloroethene	2.337	96	52820	17.612	ug/l	96
13) Acrolein	2.251	56	57237	85.183	ug/l	97
14) Allyl chloride	2.678	41	100397	18.274	ug/l	99
15) Acrylonitrile	3.080	53	136661	91.113	ug/l	98
16) Acetone	2.391	43	131443	91.010	ug/l	97
17) Carbon Disulfide	2.526	76	159660	17.904	ug/l	100
18) Methyl Acetate	2.715	43	67742	19.025	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	184704	18.869	ug/l	98
20) Methylene Chloride	2.806	84	66291	18.037	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	60410	18.929	ug/l	94
22) Diisopropyl ether	3.769	45	212912	19.242	ug/l	89
23) Vinyl Acetate	3.733	43	857226	95.141	ug/l	100
24) 1,1-Dichloroethane	3.623	63	113903	18.526	ug/l	96
25) 2-Butanone	4.568	43	173892	91.488	ug/l	100
26) 2,2-Dichloropropane	4.482	77	82950	18.666	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	73814	18.983	ug/l	99
28) Bromochloromethane	4.909	49	52557	19.808	ug/l	100
29) Tetrahydrofuran	5.025	42	102255	86.692	ug/l	98
30) Chloroform	5.098	83	118820	18.979	ug/l	98
31) Cyclohexane	5.476	56	95227	18.571	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	95188	18.661	ug/l	99
36) 1,1-Dichloropropene	5.708	75	76837	18.402	ug/l	99
37) Ethyl Acetate	4.720	43	74922	18.205	ug/l	98
38) Carbon Tetrachloride	5.690	117	83222	17.963	ug/l	97
39) Methylcyclohexane	7.384	83	86251	17.912	ug/l	99
40) Benzene	6.043	78	246433	18.487	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	39337	20.183	ug/l	98
42) 1,2-Dichloroethane	6.098	62	88866	18.519	ug/l	100
43) Isopropyl Acetate	6.348	43	122828	18.575	ug/l	99
44) Trichloroethene	7.128	130	61465	18.610	ug/l	96
45) 1,2-Dichloropropane	7.433	63	63444	18.896	ug/l	98
46) Dibromomethane	7.580	93	45754	18.511	ug/l	99
47) Bromodichloromethane	7.823	83	94259	18.647	ug/l	96
48) Methyl methacrylate	7.695	41	62854	18.478	ug/l	99
49) 1,4-Dioxane	7.683	88	13132	390.253	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	361472	92.517	ug/l	99
52) Toluene	8.720	92	155204	19.105	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	84829	18.627	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95994	19.024	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	59095	18.647	ug/l	99
56) Ethyl methacrylate	9.116	69	88792	18.927	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101756	18.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	207446	103.346	ug/l	100
59) 2-Hexanone	9.433	43	246956	92.524	ug/l	98
60) Dibromochloromethane	9.518	129	69265	18.296	ug/l	98
61) 1,2-Dibromoethane	9.610	107	60996	18.913	ug/l	99
64) Tetrachloroethene	9.274	164	48838	18.089	ug/l	97
65) Chlorobenzene	10.079	112	171460	18.175	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	57920	18.105	ug/l	98
67) Ethyl Benzene	10.189	91	289645	18.271	ug/l	99
68) m/p-Xylenes	10.299	106	220619	37.469	ug/l	100
69) o-Xylene	10.640	106	105790	18.651	ug/l	99
70) Styrene	10.652	104	188648	19.168	ug/l	99
71) Bromoform	10.798	173	44727	18.361	ug/l #	99
73) Isopropylbenzene	10.957	105	270974	17.505	ug/l	100
74) N-amyl acetate	10.841	43	106183	16.611	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	83177	16.998	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	66075m	17.599	ug/l	
77) Bromobenzene	11.195	156	69961	17.667	ug/l	98
78) n-propylbenzene	11.298	91	320891	17.412	ug/l	100
79) 2-Chlorotoluene	11.359	91	200526	17.545	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	227681	17.989	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12878	19.009	ug/l	99
82) 4-Chlorotoluene	11.451	91	237842	17.735	ug/l	99
83) tert-Butylbenzene	11.713	119	223351	17.506	ug/l	100
84) 1,2,4-Trimethylbenzene	11.749	105	229095	17.758	ug/l	99
85) sec-Butylbenzene	11.890	105	266613	17.367	ug/l	99
86) p-Isopropyltoluene	12.006	119	225193	17.499	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	127824	17.314	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	133342	17.493	ug/l	98
89) n-Butylbenzene	12.329	91	204725	17.237	ug/l	99
90) Hexachloroethane	12.536	117	38695	16.358	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	124437	17.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	14212	15.746	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	75503	17.121	ug/l	100
94) Hexachlorobutadiene	13.725	225	25115	16.385	ug/l	99
95) Naphthalene	13.774	128	219516	17.029	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	71133	17.172	ug/l	98

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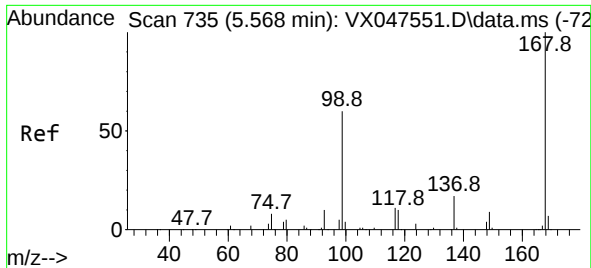
Manual Integrations
APPROVED

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Response via : Initial Calibration

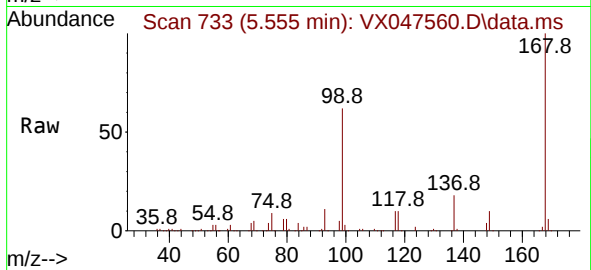
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.013 min
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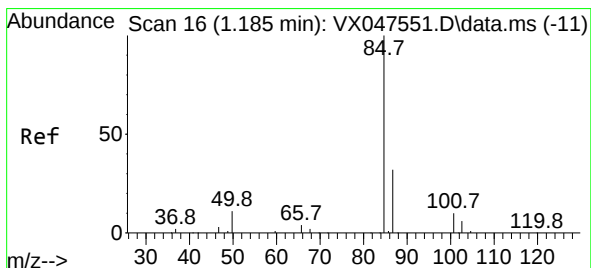
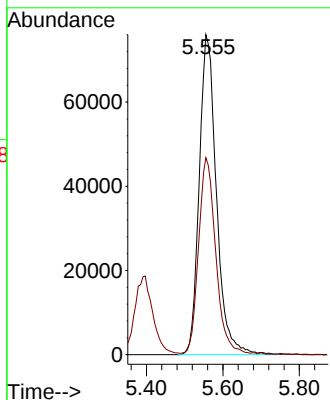
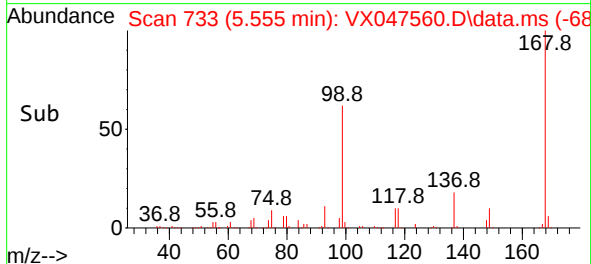
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion:168 Resp: 237474
Ion Ratio Lower Upper
168 100
99 61.3 48.9 73.3

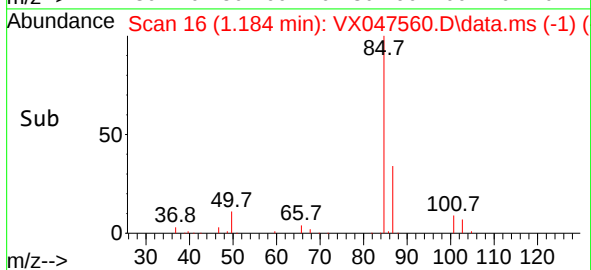
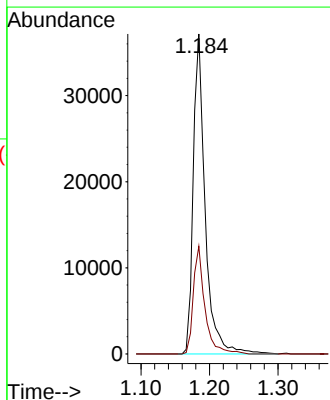
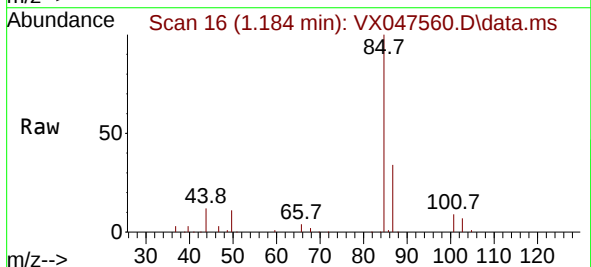
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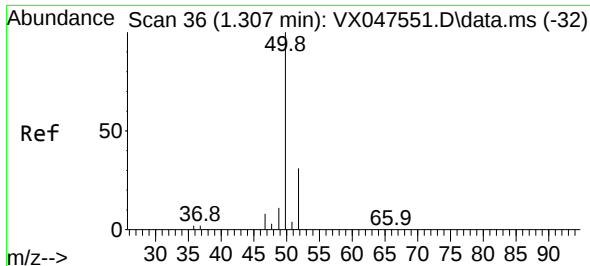
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#2
Dichlorodifluoromethane
Concen: 17.303 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

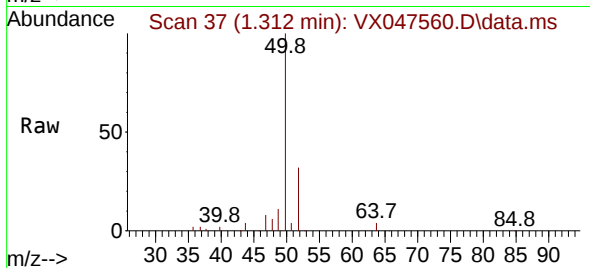
Tgt Ion: 85 Resp: 44999
Ion Ratio Lower Upper
85 100
87 33.6 15.9 47.7





#3
Chloromethane
Concen: 17.608 ug/l
RT: 1.312 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

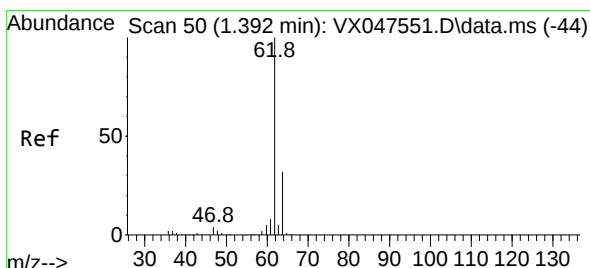
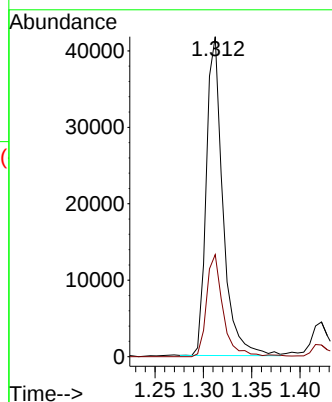
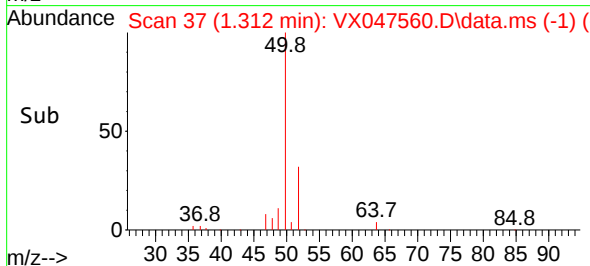
Instrument :
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ClientSampleId :
VX0829WBS01



Tgt Ion: 50 Resp: 50014
Ion Ratio Lower Upper
50 100
52 32.0 24.6 37.0

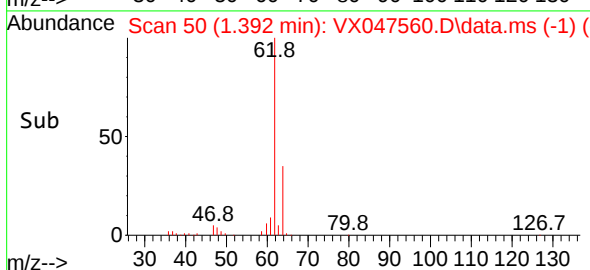
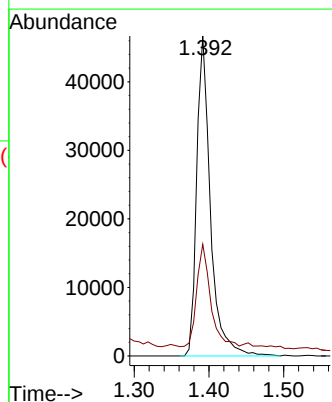
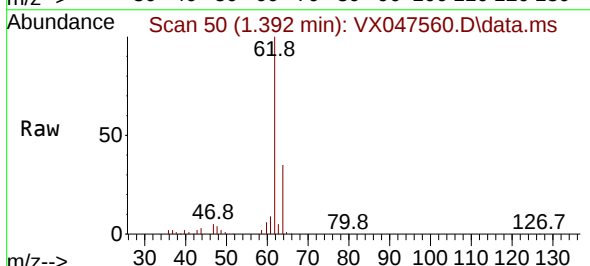
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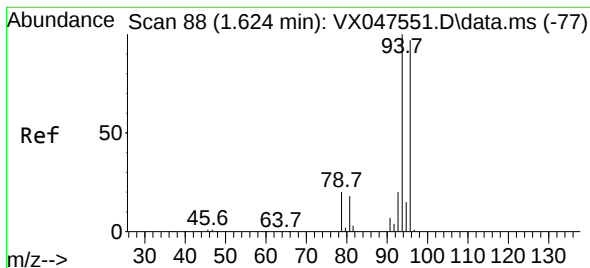
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#4
Vinyl Chloride
Concen: 17.836 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 62 Resp: 59553
Ion Ratio Lower Upper
62 100
64 32.0 25.9 38.9





#5

Bromomethane

Concen: 20.818 ug/l

RT: 1.629 min Scan# 89

Delta R.T. 0.006 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

Tgt Ion: 94 Resp: 3006

Ion Ratio Lower Upper

94 100

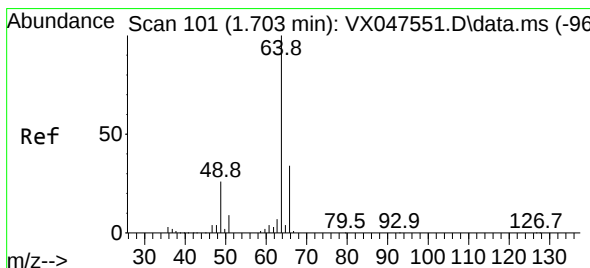
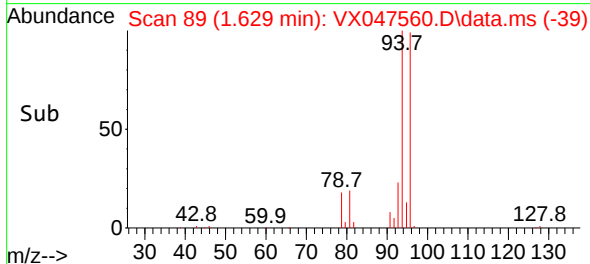
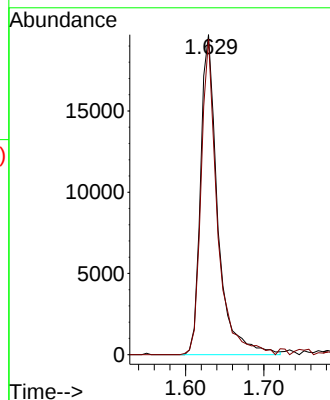
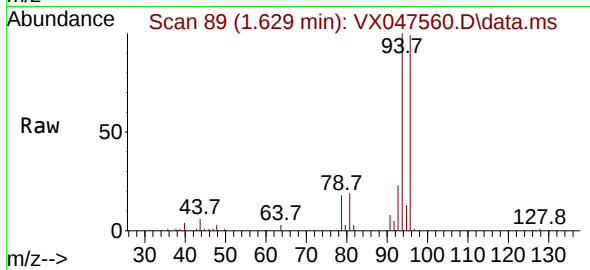
96 98.7 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 17.606 ug/l

RT: 1.709 min Scan# 102

Delta R.T. 0.006 min

Lab File: VX047560.D

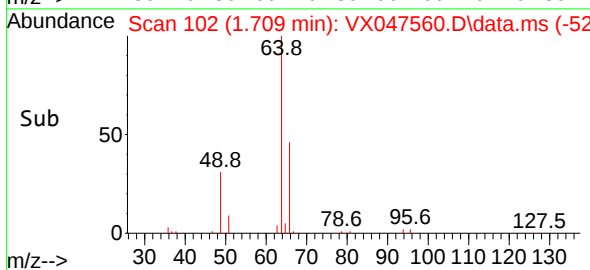
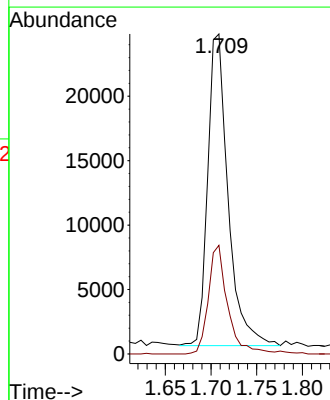
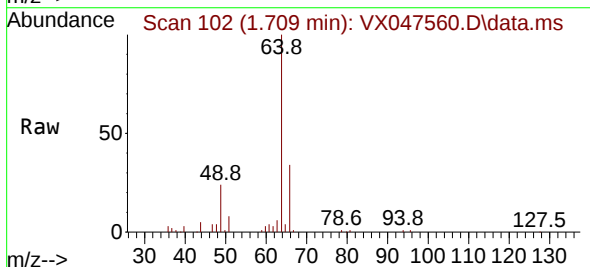
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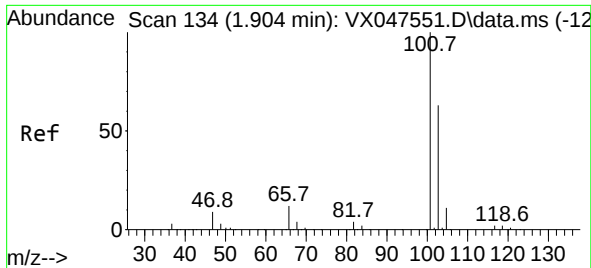
Tgt Ion: 64 Resp: 37349

Ion Ratio Lower Upper

64 100

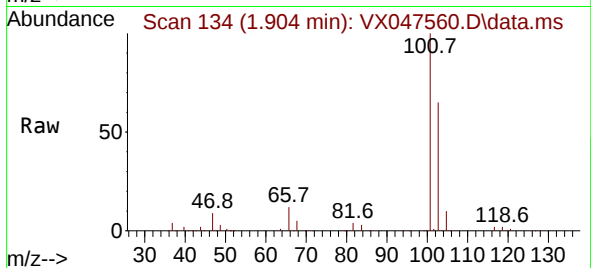
66 34.9 27.4 41.2





#7
Trichlorofluoromethane
Concen: 18.354 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047560.D
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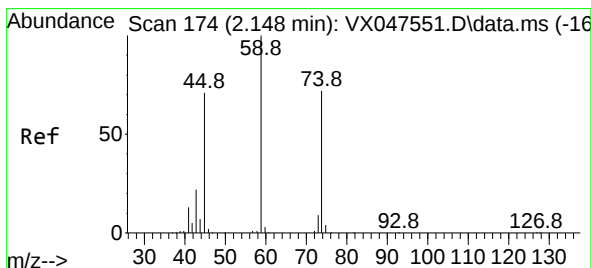
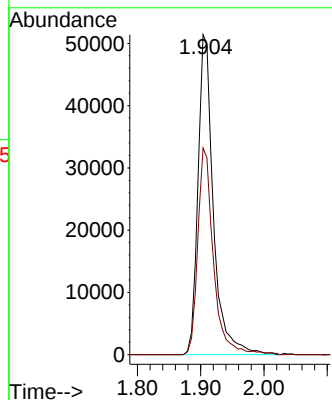
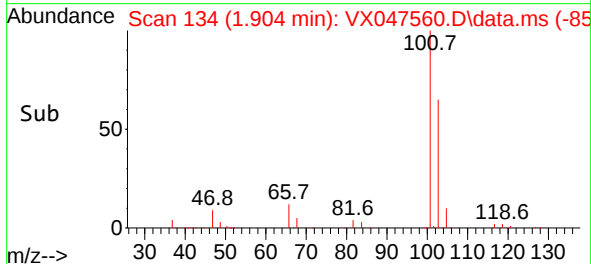
Instrument :
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Tgt Ion:101 Resp: 8716
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

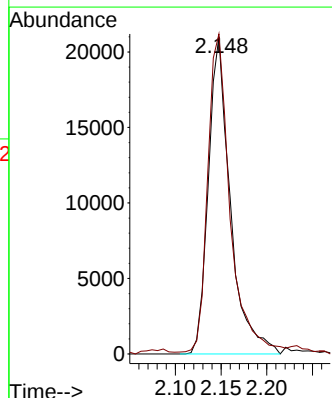
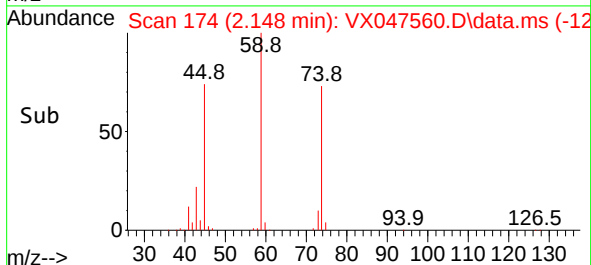
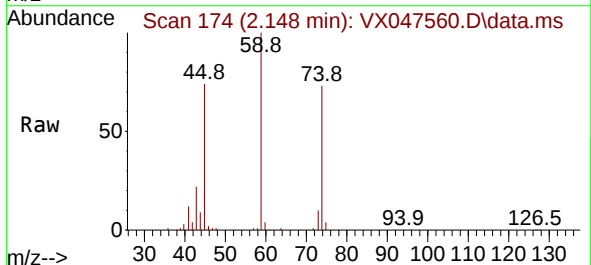
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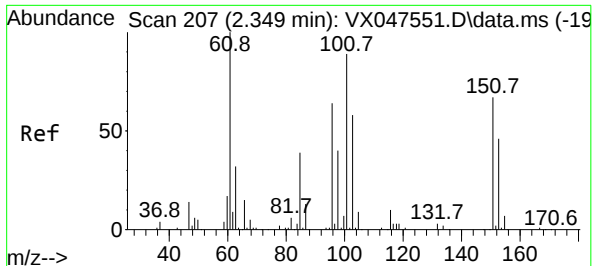
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#8
Diethyl Ether
Concen: 18.593 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 74 Resp: 35033
Ion Ratio Lower Upper
74 100
45 101.2 49.0 147.0





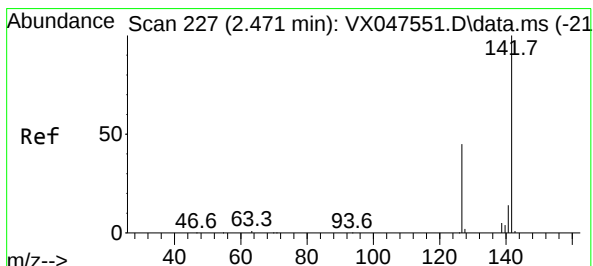
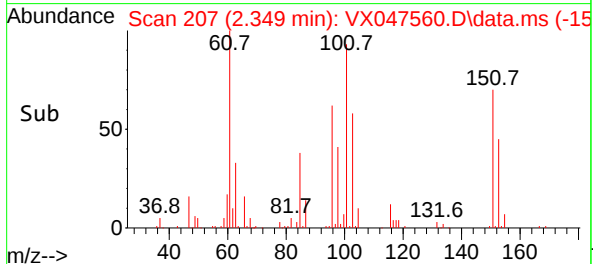
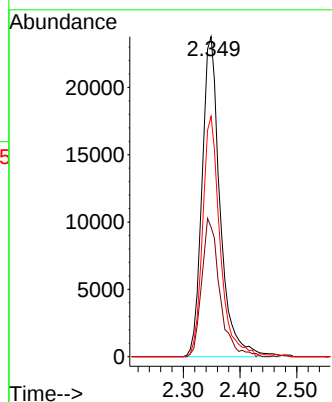
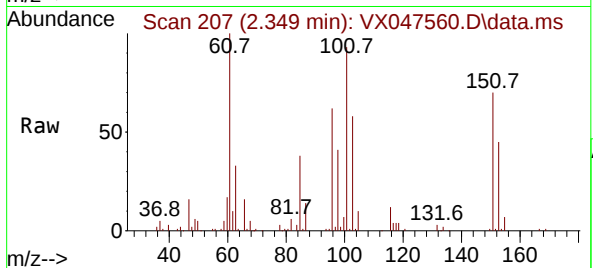
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.634 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Tgt Ion:101 Resp: 5270
Ion Ratio Lower Upper
101 100
85 42.8 35.1 52.7
151 72.2 58.6 88.0

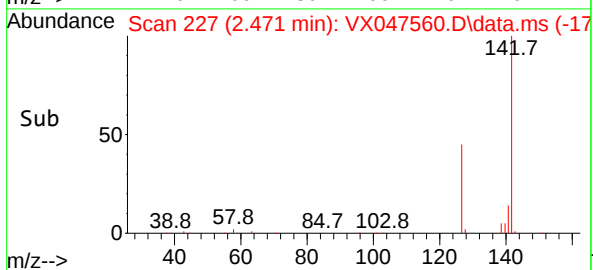
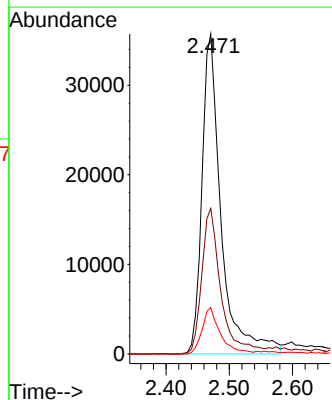
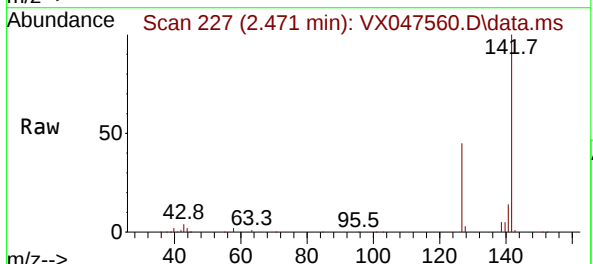
Manual Integrations
APPROVED

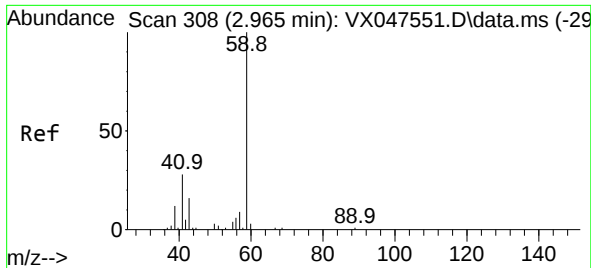
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#10
Methyl Iodide
Concen: 16.071 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

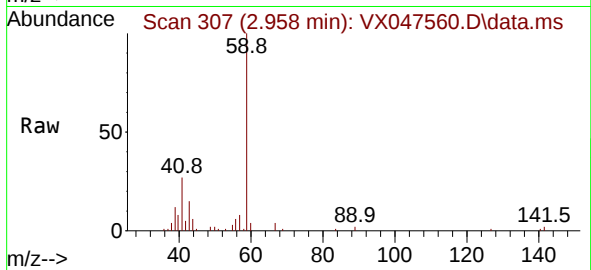
Tgt Ion:142 Resp: 75240
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 13.8 10.6 16.0





#11
Tert butyl alcohol
Concen: 89.430 ug/l
RT: 2.958 min Scan# 308
Delta R.T. -0.007 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

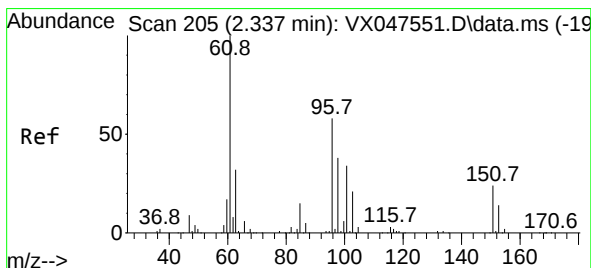
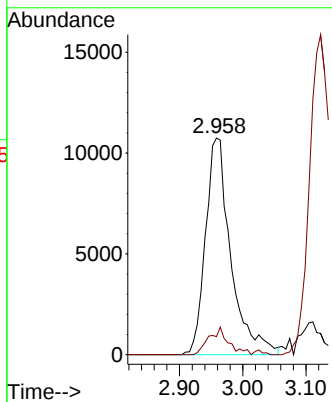
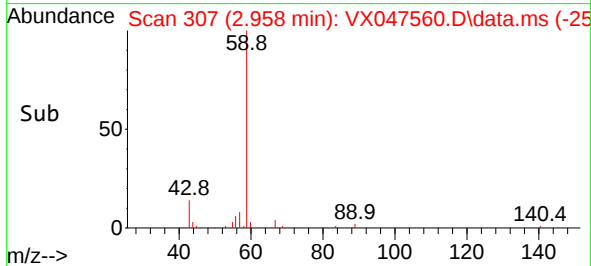
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 59 Resp: 29970
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9

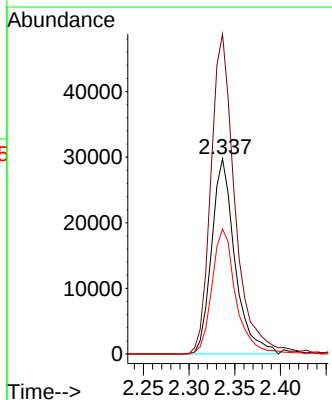
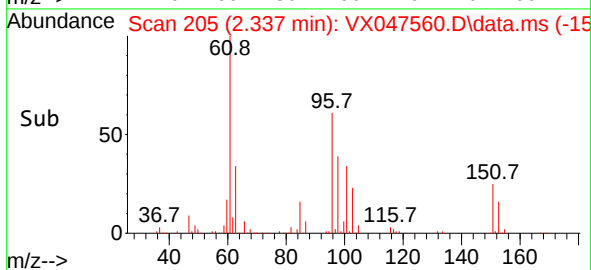
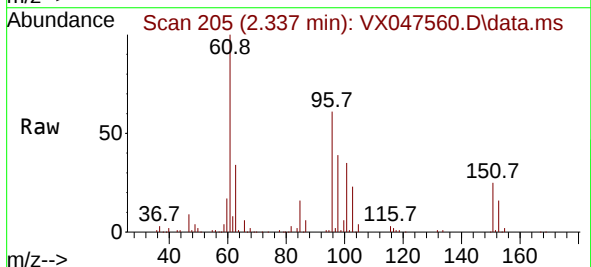
Manual Integrations
APPROVED

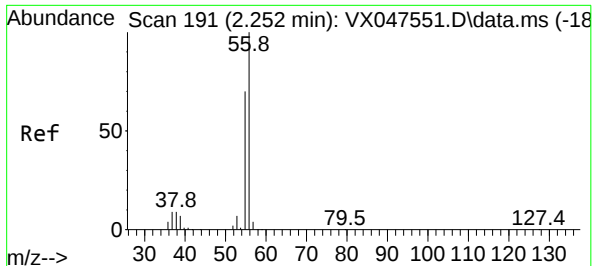
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#12
1,1-Dichloroethene
Concen: 17.612 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

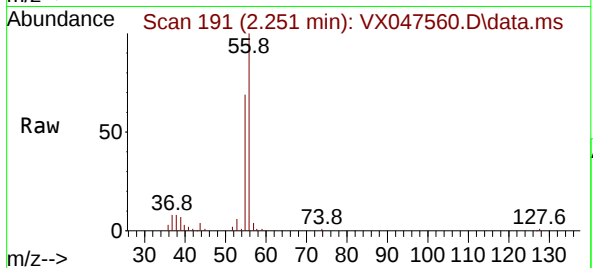
Tgt Ion: 96 Resp: 52820
Ion Ratio Lower Upper
96 100
61 164.0 136.8 205.2
98 64.0 52.4 78.6





#13
Acrolein
Concen: 85.183 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

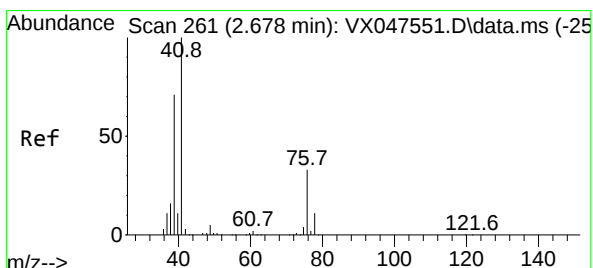
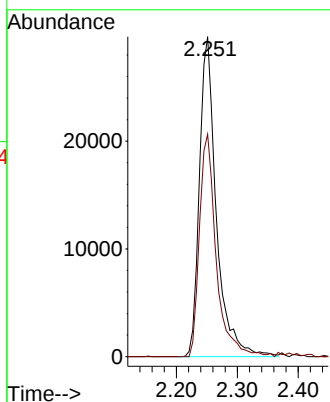
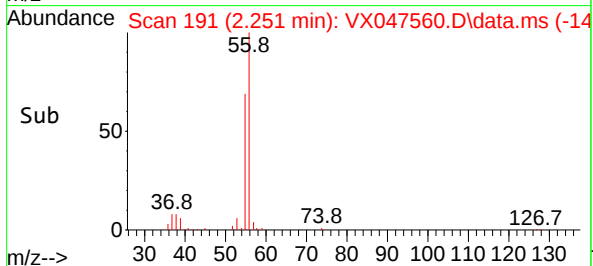
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 56 Resp: 5723
Ion Ratio Lower Upper
56 100
55 68.8 57.0 85.6

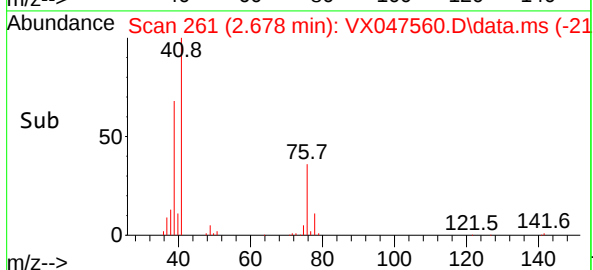
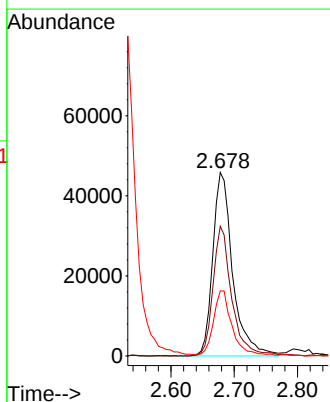
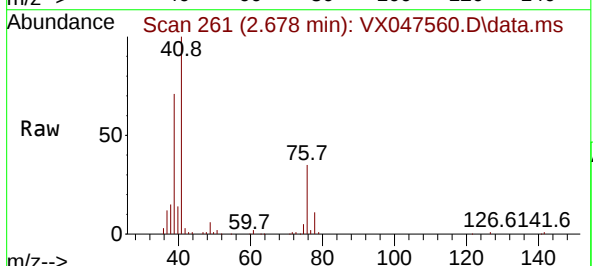
Manual Integrations
APPROVED

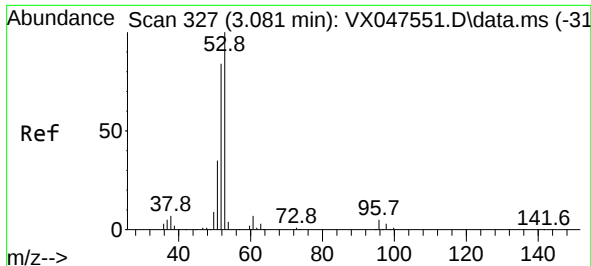
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#14
Allyl chloride
Concen: 18.274 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

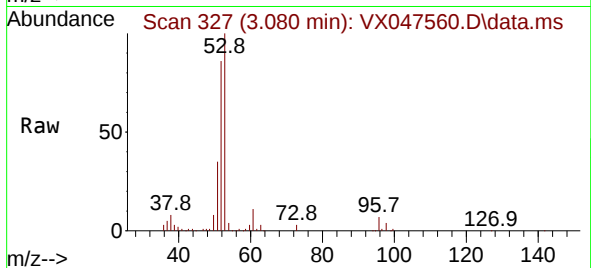
Tgt Ion: 41 Resp: 100397
Ion Ratio Lower Upper
41 100
39 66.6 53.2 79.8
76 32.2 26.8 40.2





#15
Acrylonitrile
Concen: 91.113 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

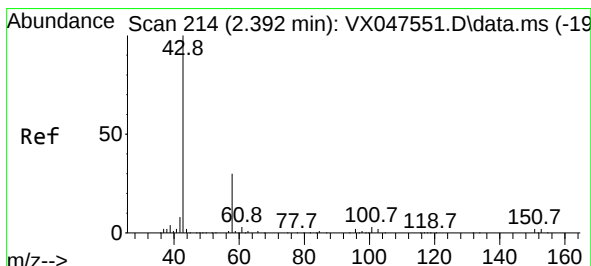
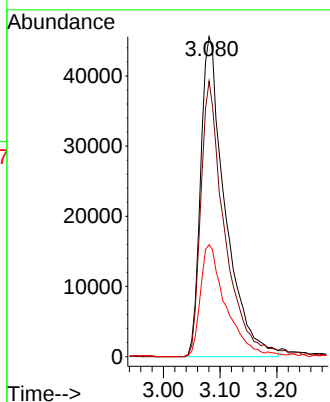
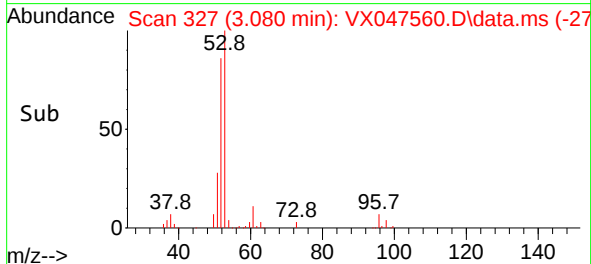
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



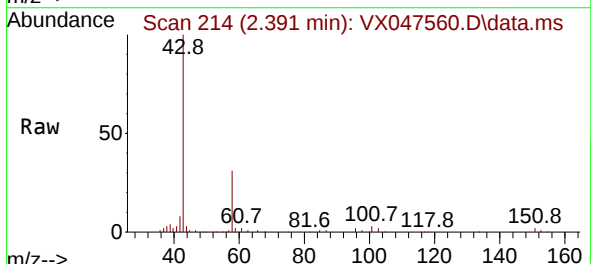
Tgt Ion: 53 Resp: 13666
Ion Ratio Lower Upper
53 100
52 84.7 66.2 99.4
51 35.8 29.4 44.0

Manual Integrations
APPROVED

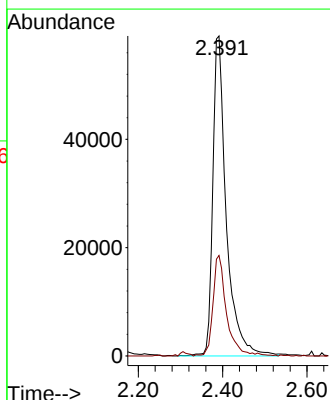
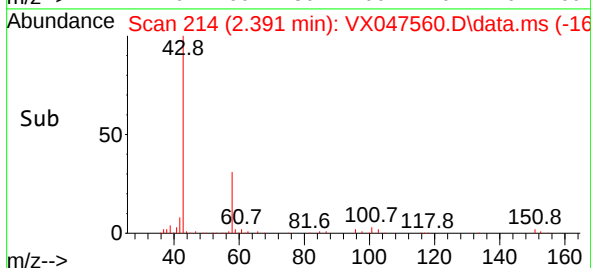
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

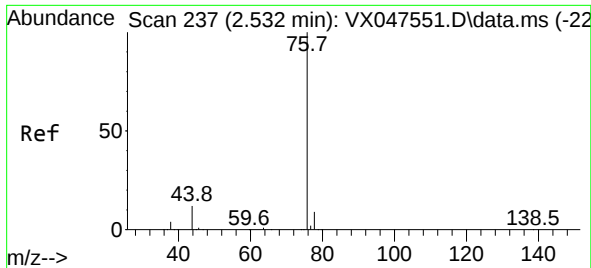


#16
Acetone
Concen: 91.010 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02



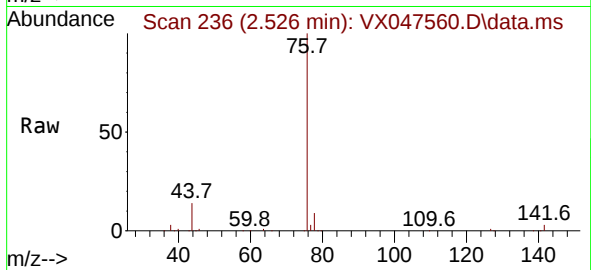
Tgt Ion: 43 Resp: 131443
Ion Ratio Lower Upper
43 100
58 31.6 24.2 36.2





#17
Carbon Disulfide
Concen: 17.904 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

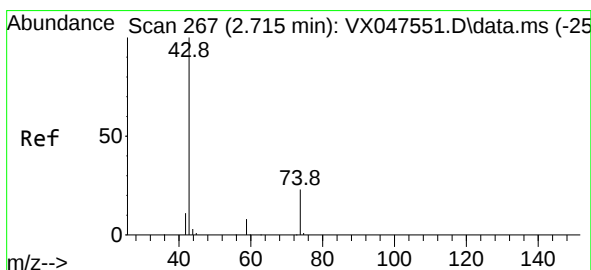
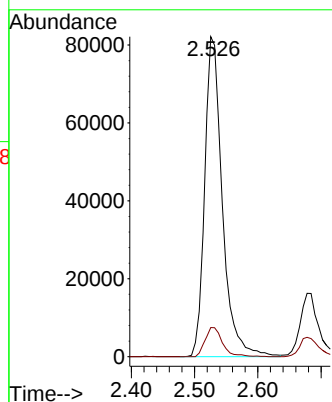
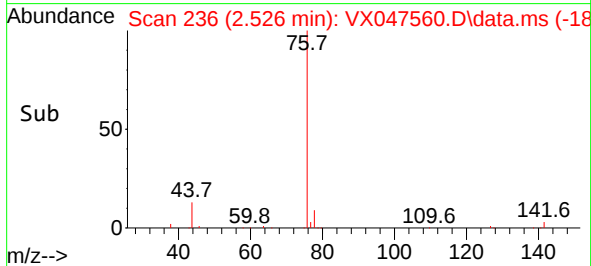
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 76 Resp: 159660
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

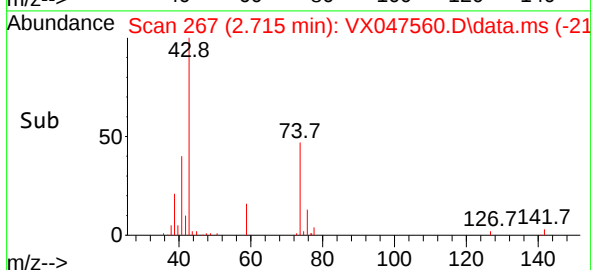
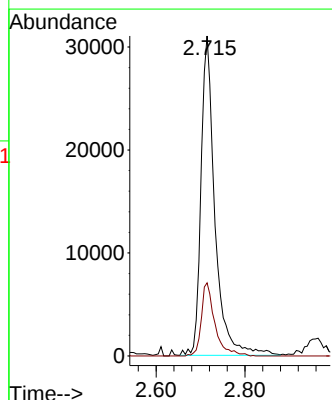
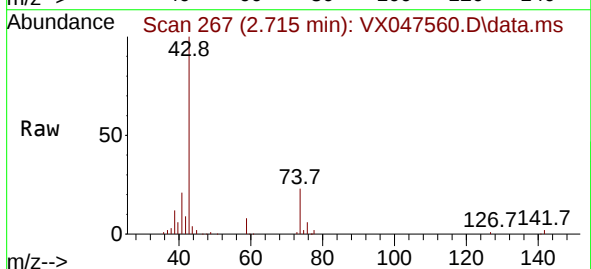
Manual Integrations
APPROVED

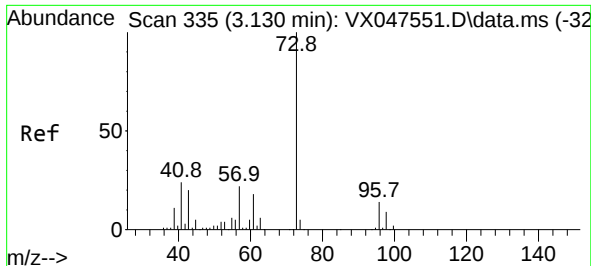
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#18
Methyl Acetate
Concen: 19.025 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.001 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

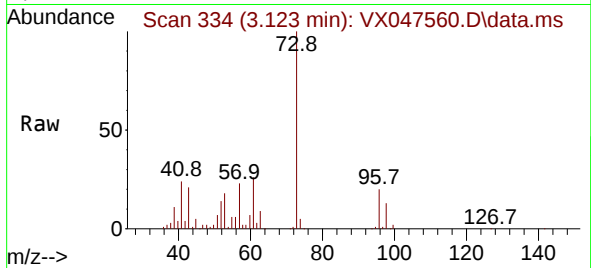
Tgt Ion: 43 Resp: 67742
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 18.869 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

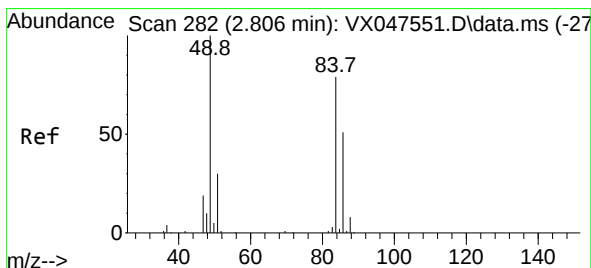
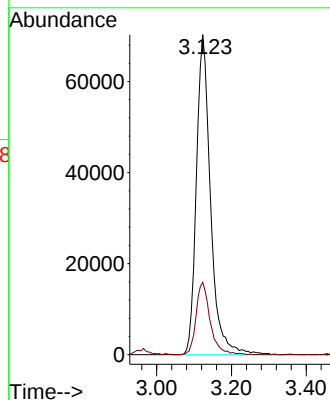
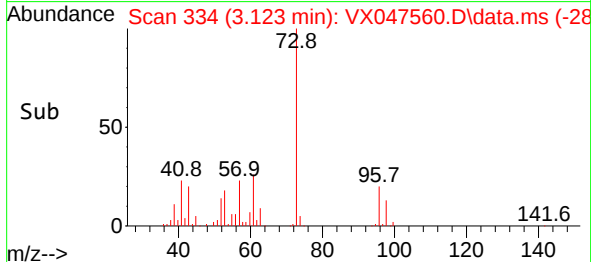
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 73 Resp: 184704
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2

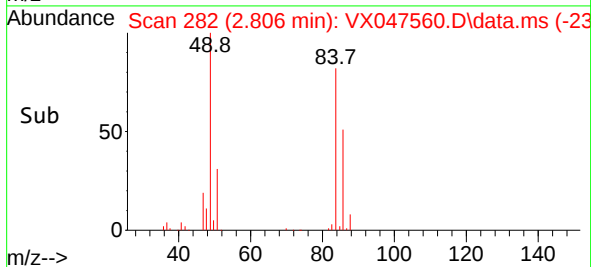
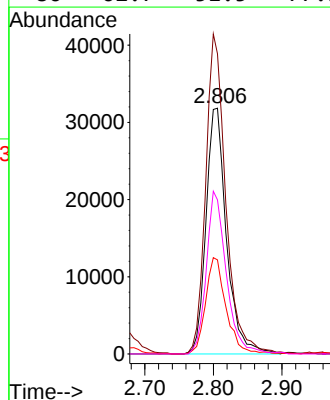
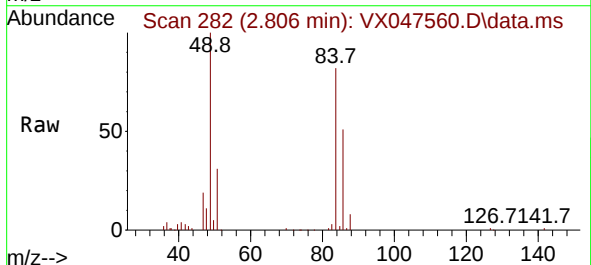
Manual Integrations
APPROVED

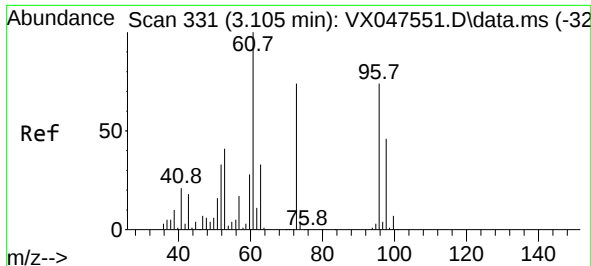
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#20
Methylene Chloride
Concen: 18.037 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.001 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

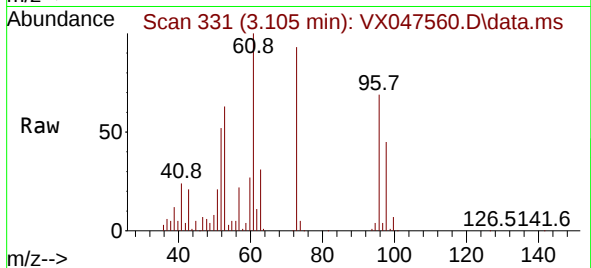
Tgt Ion: 84 Resp: 66291
Ion Ratio Lower Upper
84 100
49 122.1 101.4 152.2
51 38.3 30.6 46.0
86 62.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 18.929 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

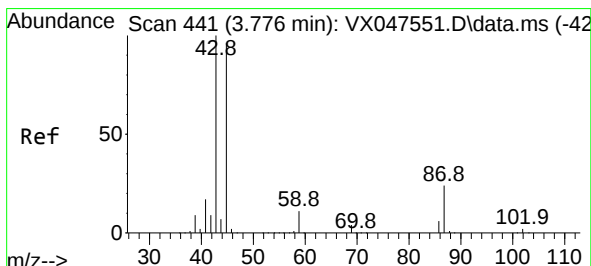
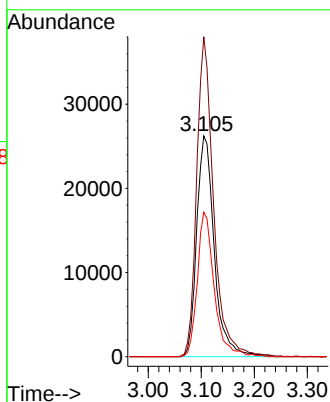
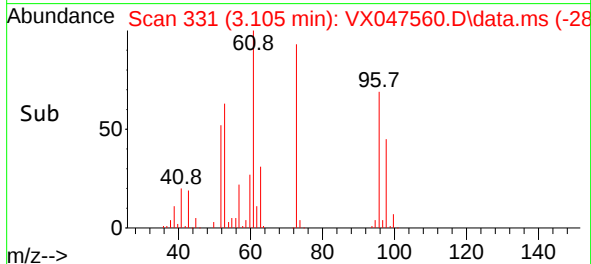
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 96 Resp: 60410
Ion Ratio Lower Upper
96 100
61 144.9 108.0 162.0
98 65.4 51.6 77.4

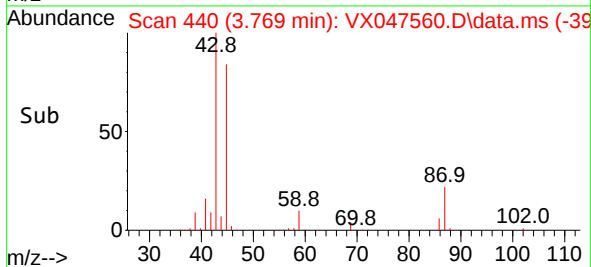
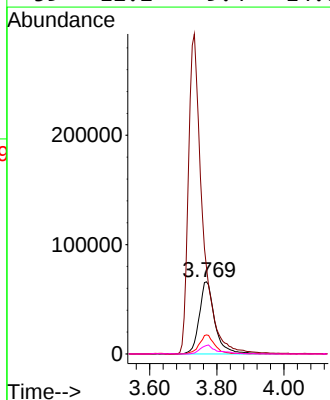
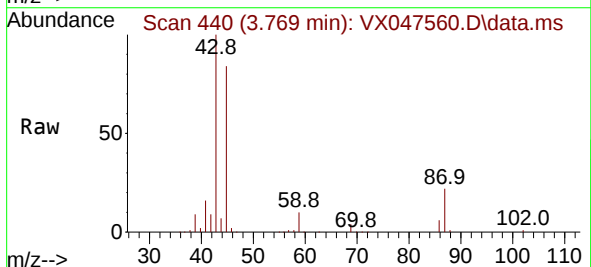
Manual Integrations
APPROVED

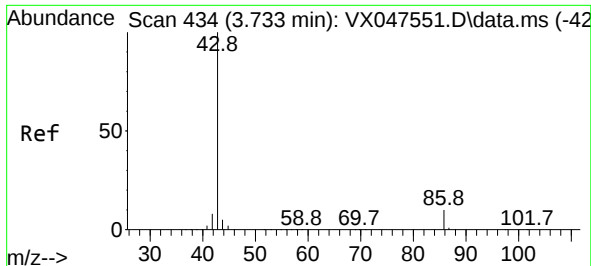
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#22
Diisopropyl ether
Concen: 19.242 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.007 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 45 Resp: 212912
Ion Ratio Lower Upper
45 100
43 119.2 83.2 124.8
87 26.3 20.2 30.4
59 12.2 9.4 14.0





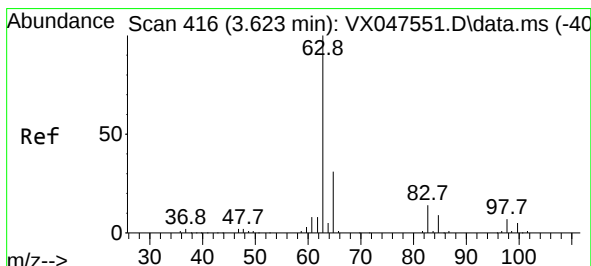
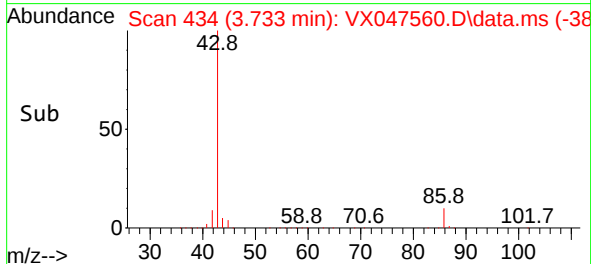
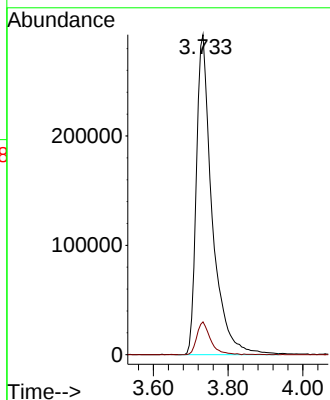
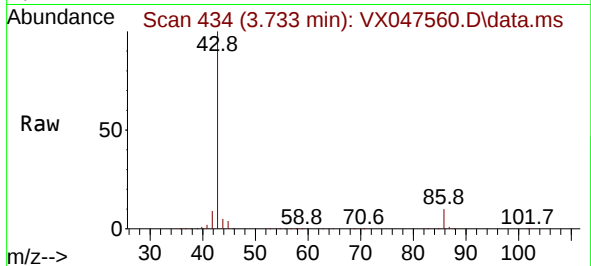
#23
 Vinyl Acetate
 Concen: 95.141 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047560.D
 Acq: 29 Aug 2025 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Tgt Ion: 43 Resp: 857220
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1

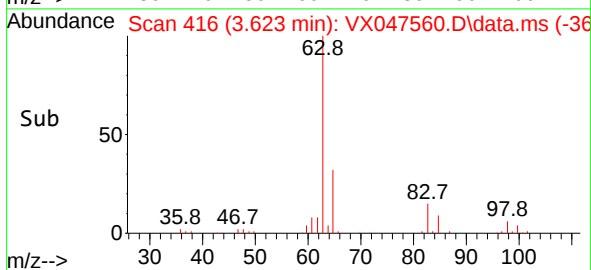
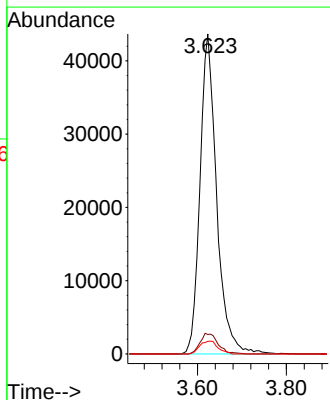
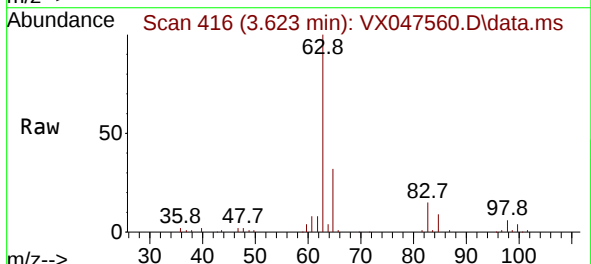
Manual Integrations
 APPROVED

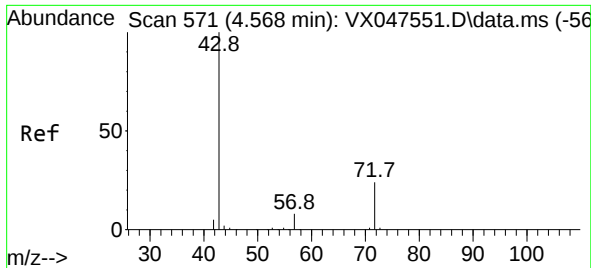
Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#24
 1,1-Dichloroethane
 Concen: 18.526 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047560.D
 Acq: 29 Aug 2025 11:02

Tgt Ion: 63 Resp: 113903
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.2
 100 4.2 2.6 7.8





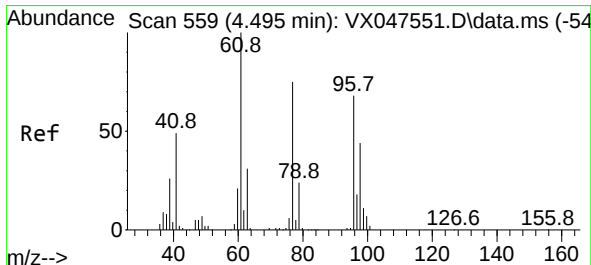
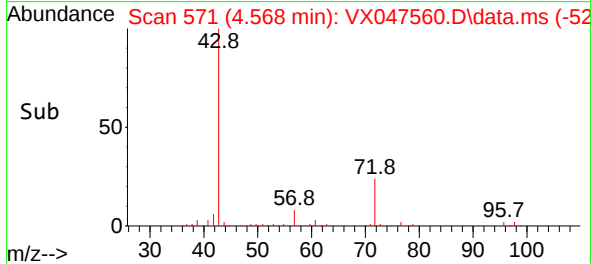
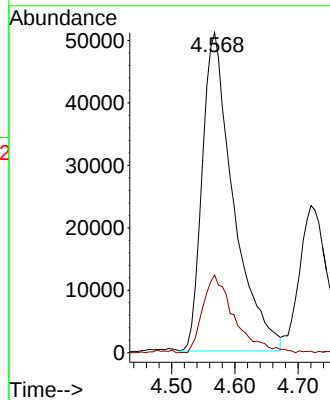
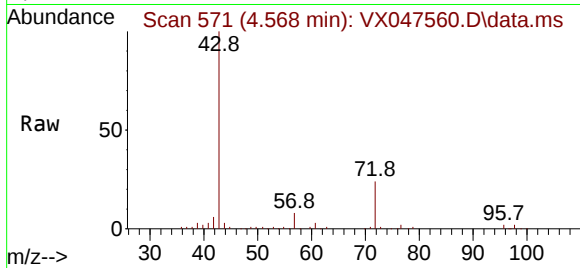
#25
2-Butanone
Concen: 91.488 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Tgt Ion: 43 Resp: 173892
Ion Ratio Lower Upper
43 100
72 24.4 19.5 29.3

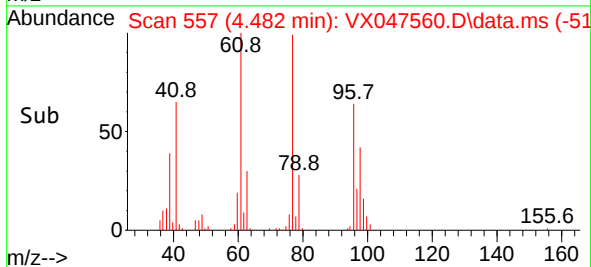
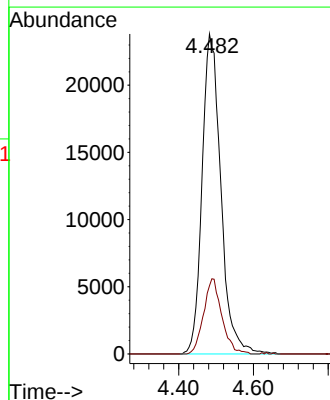
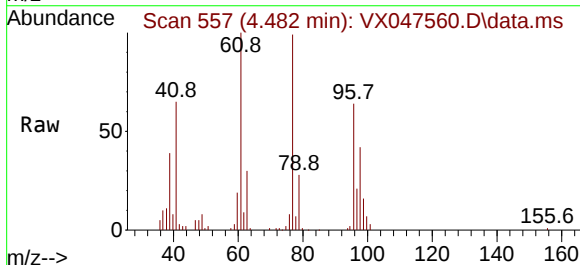
Manual Integrations
APPROVED

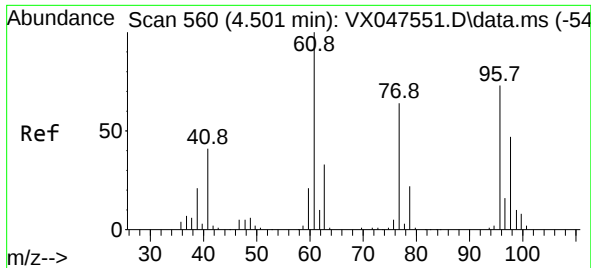
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#26
2,2-Dichloropropane
Concen: 18.666 ug/l
RT: 4.482 min Scan# 557
Delta R.T. -0.013 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 77 Resp: 82950
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.983 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

Tgt Ion: 96 Resp: 73814

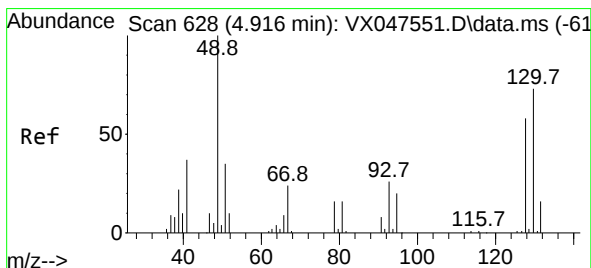
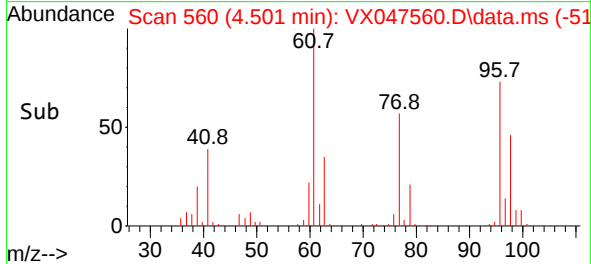
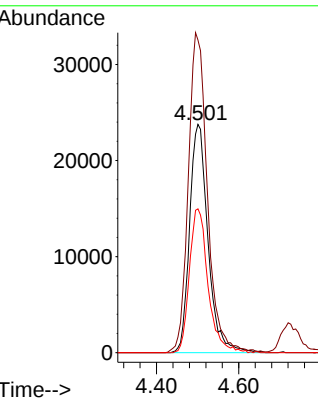
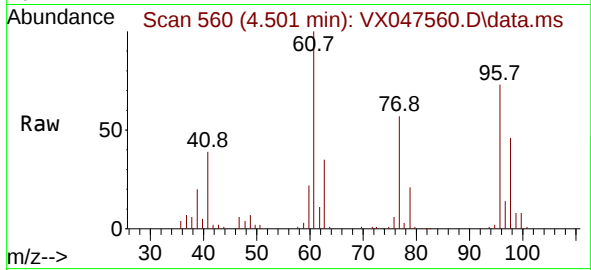
Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	289.4
98	63.8	0.0	129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#28

Bromochloromethane

Concen: 19.808 ug/l

RT: 4.909 min Scan# 627

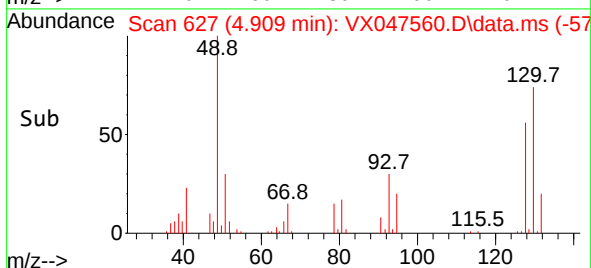
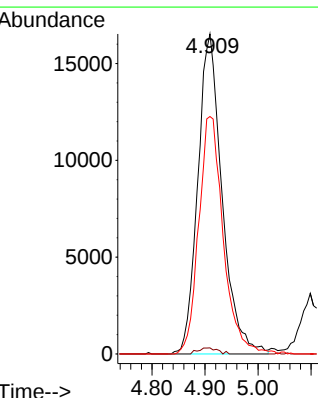
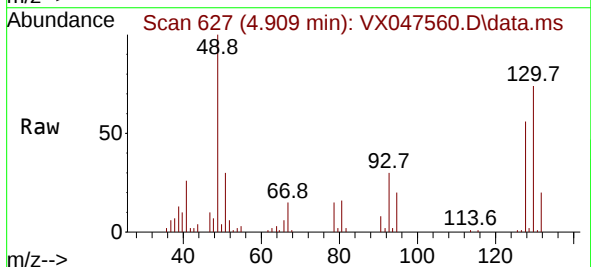
Delta R.T. -0.007 min

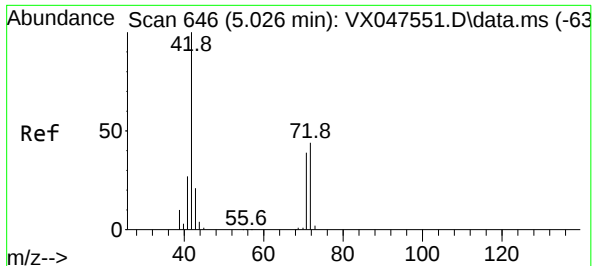
Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Tgt Ion: 49 Resp: 52557

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	1.8
130	74.9	59.8	89.6





#29

Tetrahydrofuran

Concen: 86.692 ug/l

RT: 5.025 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX047560.D

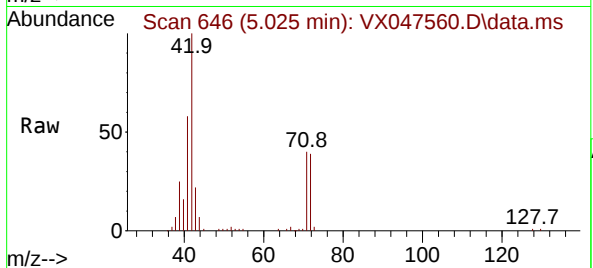
Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01



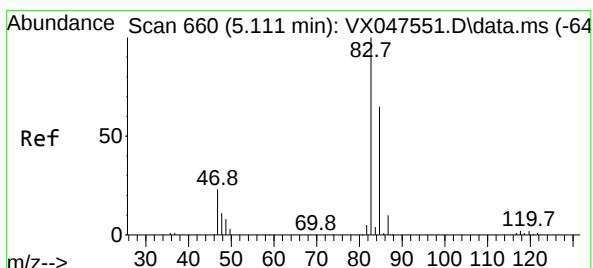
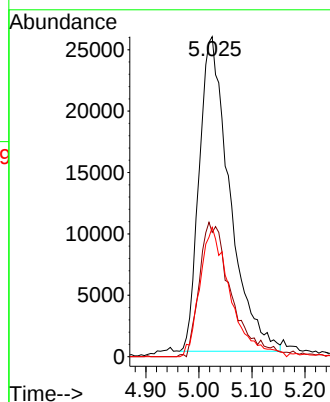
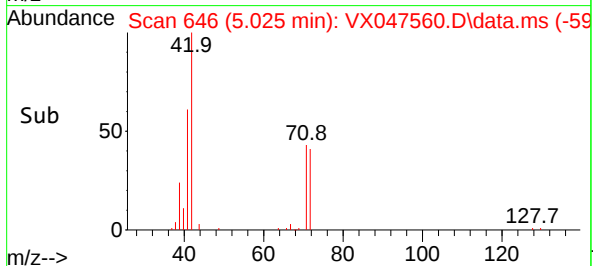
Tgt Ion:	42	Resp:	10225
Ion Ratio	Lower	Upper	
42	100		
72	44.6	34.5	51.7
71	41.2	31.7	47.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#30

Chloroform

Concen: 18.979 ug/l

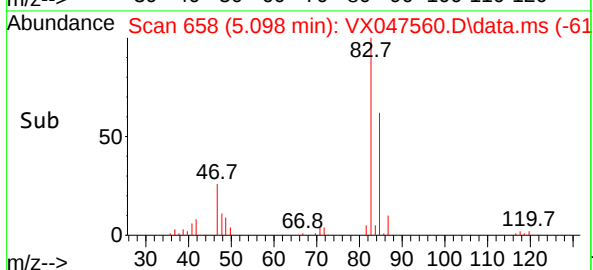
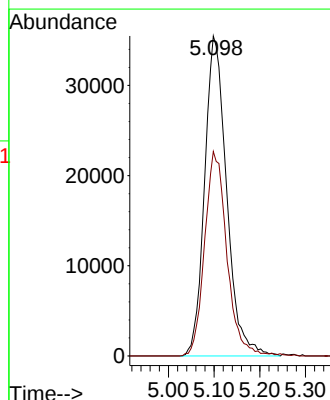
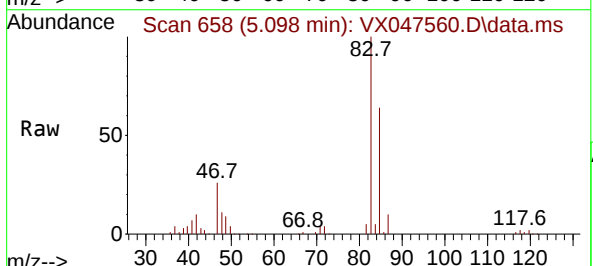
RT: 5.098 min Scan# 658

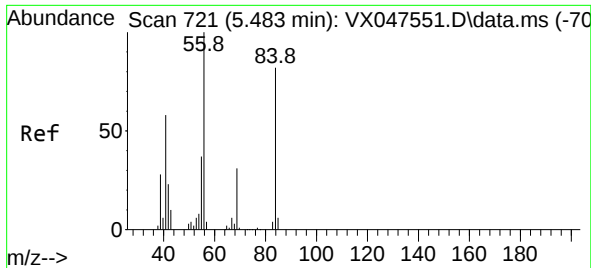
Delta R.T. -0.013 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

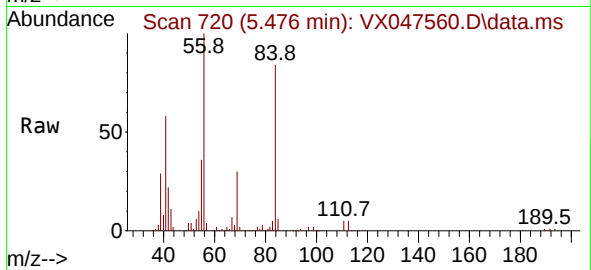
Tgt Ion:	83	Resp:	118820
Ion Ratio	Lower	Upper	
83	100		
85	63.9	52.3	78.5





#31
Cyclohexane
Concen: 18.571 ug/l
RT: 5.476 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

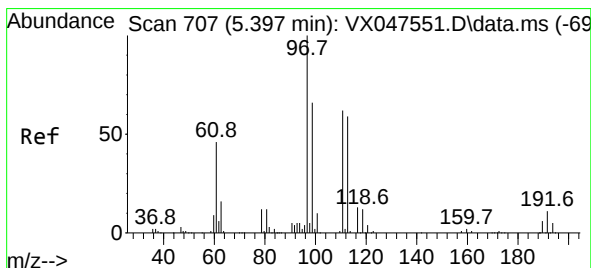
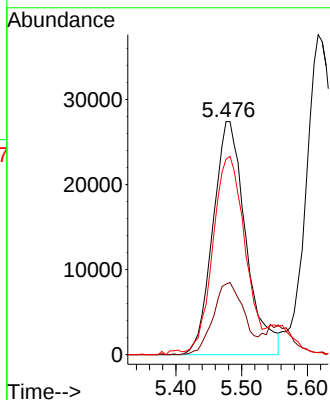
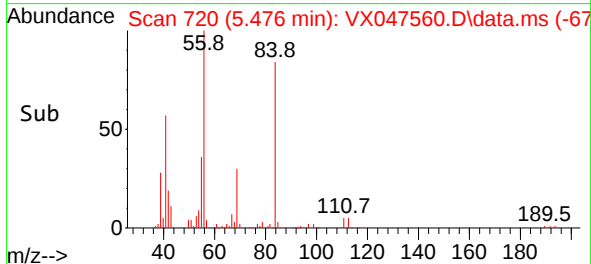
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 56 Resp: 9522
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.2
84 81.9 65.5 98.3

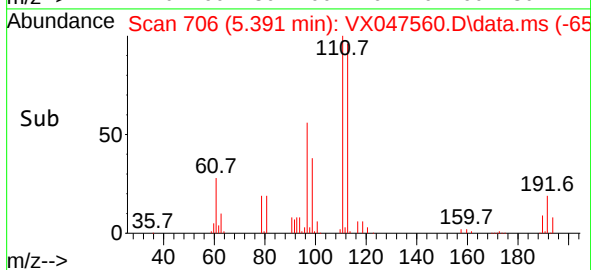
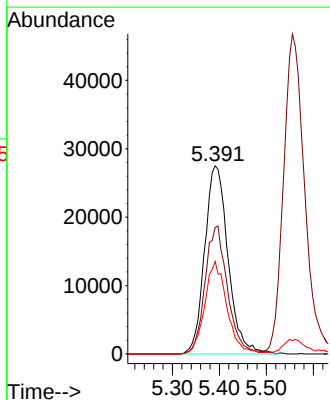
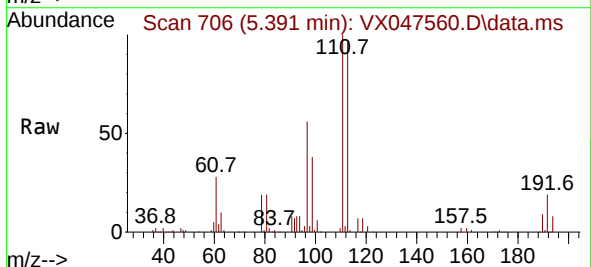
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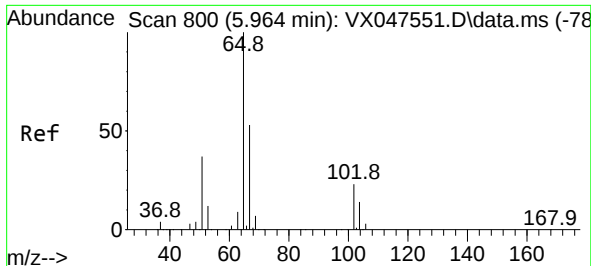
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#32
1,1,1-Trichloroethane
Concen: 18.661 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.007 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 97 Resp: 95188
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 46.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 54.329 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.007 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

Tgt Ion: 65 Resp: 19812

Ion Ratio Lower Upper

65 100

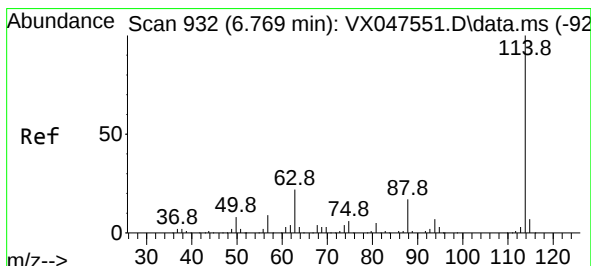
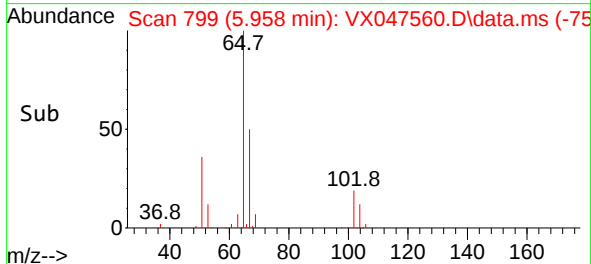
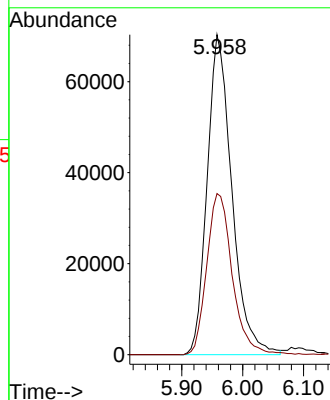
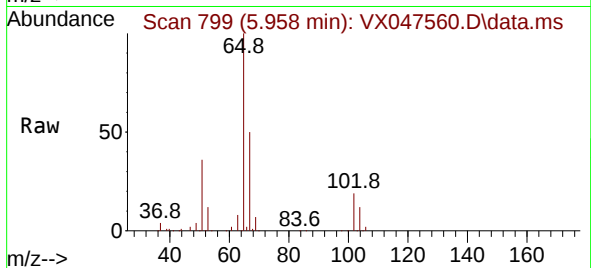
67 52.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

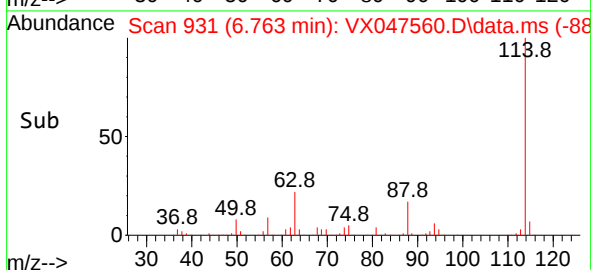
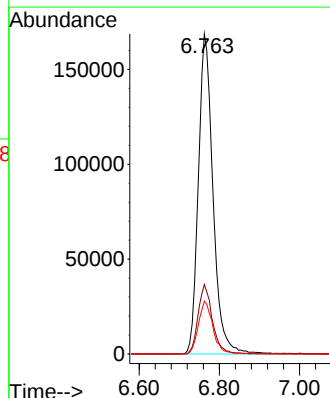
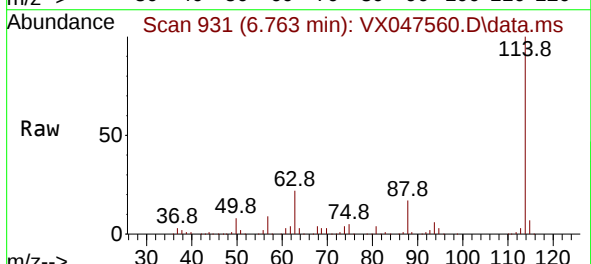
Tgt Ion:114 Resp: 427469

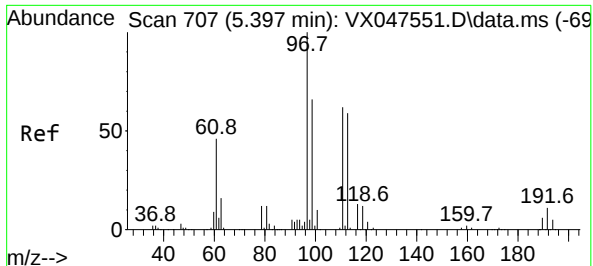
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.6

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.975 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.007 min

Lab File: VX047560.D

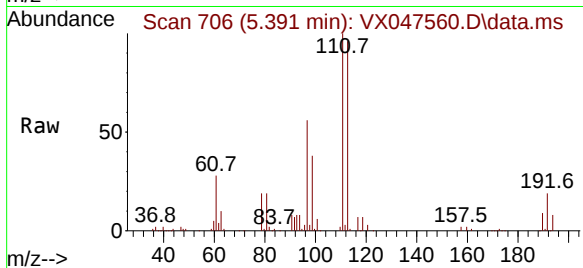
Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01



Tgt Ion:113 Resp: 149550

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

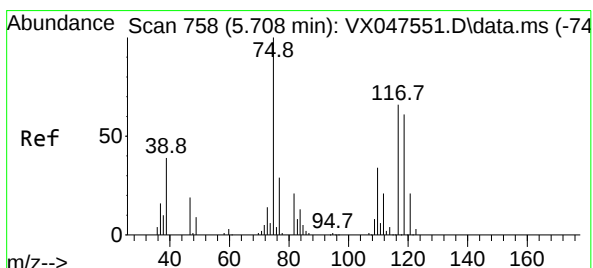
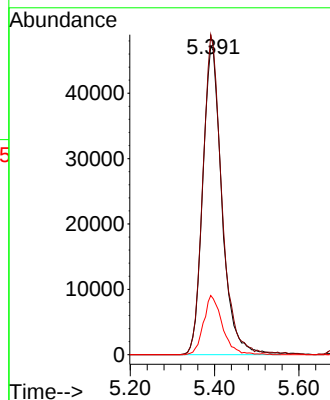
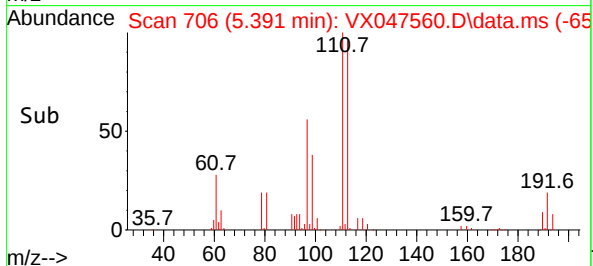
192 18.8 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#36

1,1-Dichloropropene

Concen: 18.402 ug/l

RT: 5.708 min Scan# 758

Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

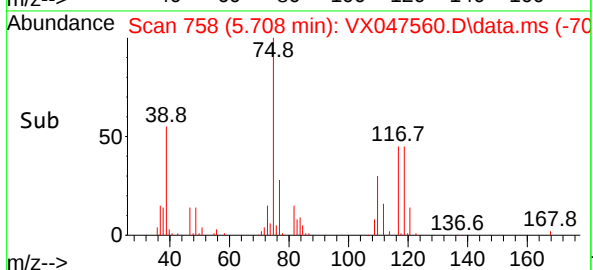
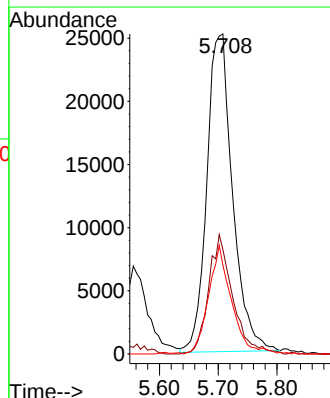
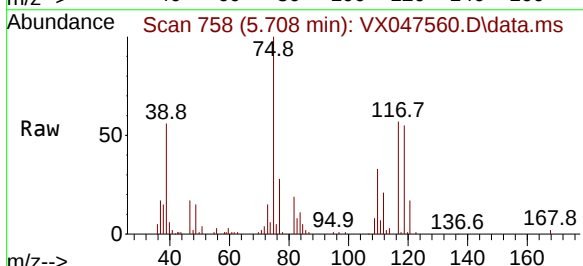
Tgt Ion: 75 Resp: 76837

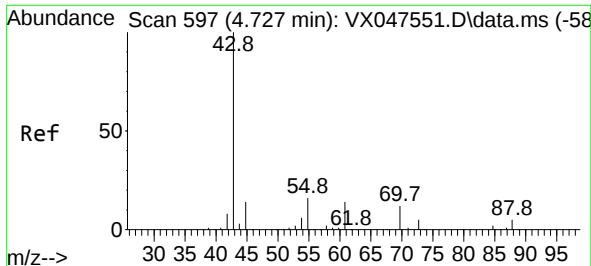
Ion Ratio Lower Upper

75 100

110 35.0 17.1 51.3

77 30.4 25.0 37.6





#37

Ethyl Acetate

Concen: 18.205 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.007 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

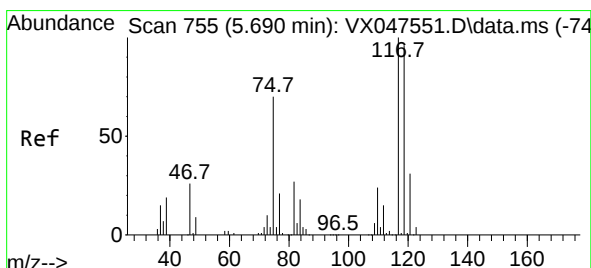
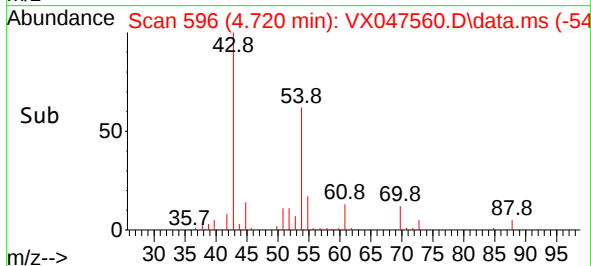
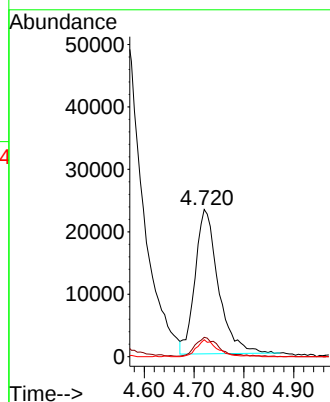
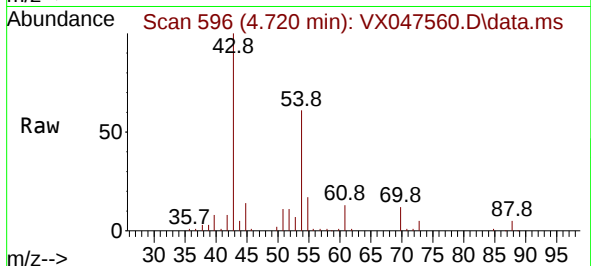
Tgt Ion:	43	Resp:	7492
Ion Ratio	Lower	Upper	
43	100		
61	14.1	10.2	15.2
70	10.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#38

Carbon Tetrachloride

Concen: 17.963 ug/l

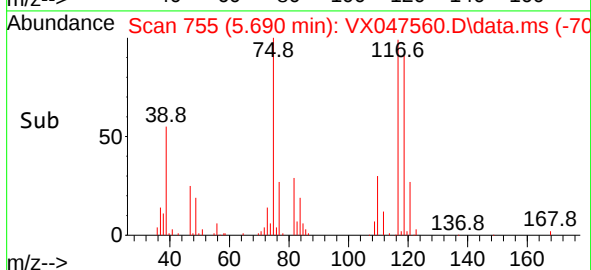
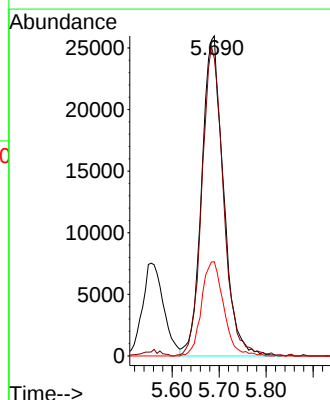
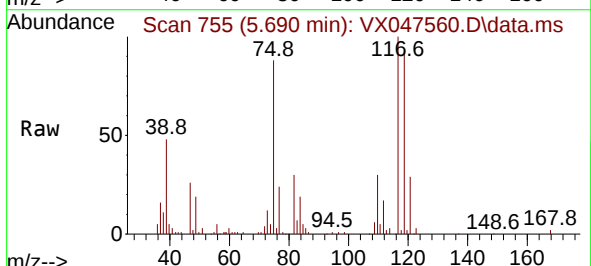
RT: 5.690 min Scan# 755

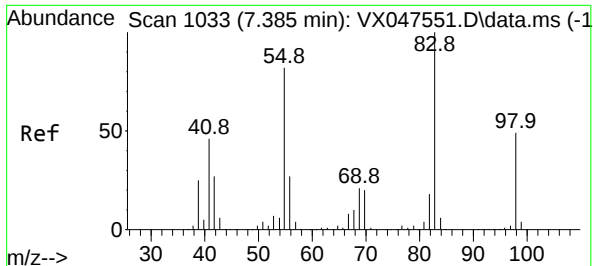
Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Tgt Ion:	117	Resp:	83222
Ion Ratio	Lower	Upper	
117	100		
119	92.7	76.4	114.6
121	29.4	24.9	37.3





#39

Methylcyclohexane

Concen: 17.912 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

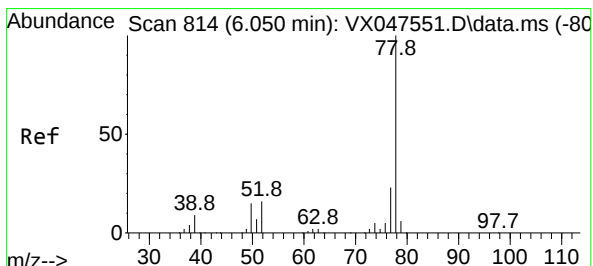
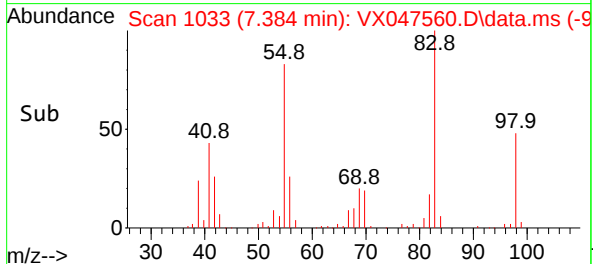
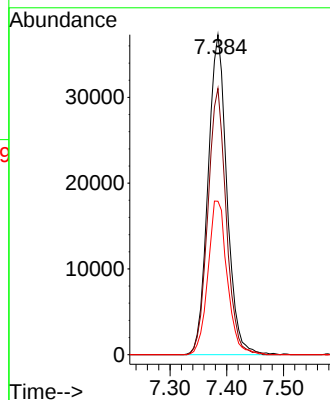
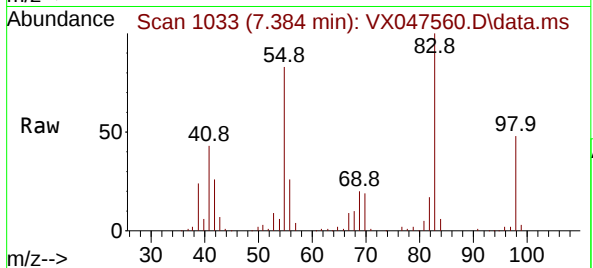
Tgt Ion: 83	Resp: 8625
Ion Ratio	Lower Upper
83	100
55	83.2 65.4 98.2
98	48.0 39.0 58.4

Manual Integrations

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Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#40

Benzene

Concen: 18.487 ug/l

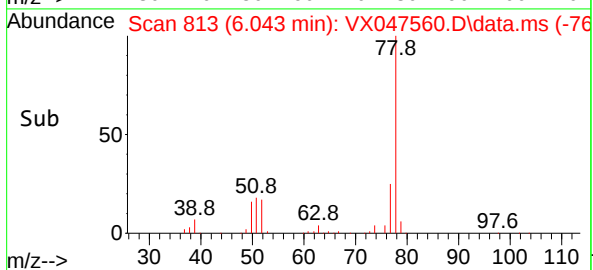
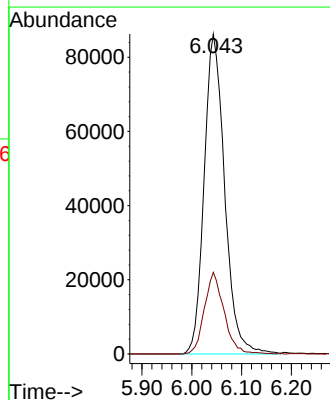
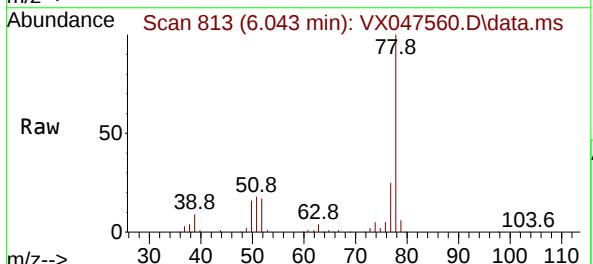
RT: 6.043 min Scan# 813

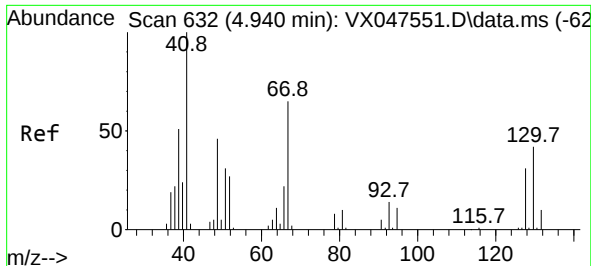
Delta R.T. -0.007 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

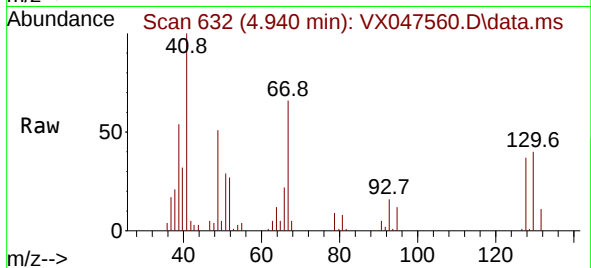
Tgt Ion: 78	Resp: 246433
Ion Ratio	Lower Upper
78	100
77	25.5 18.5 27.7





#41
Methacrylonitrile
Concen: 20.183 ug/l
RT: 4.940 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

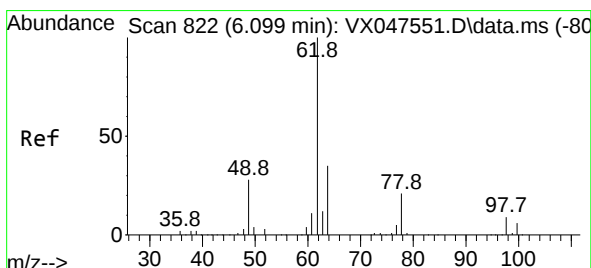
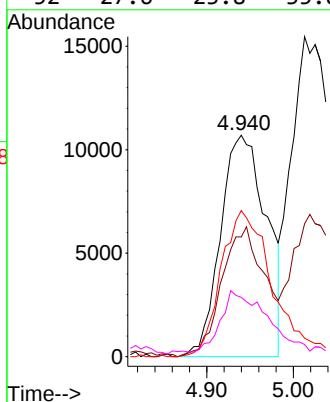
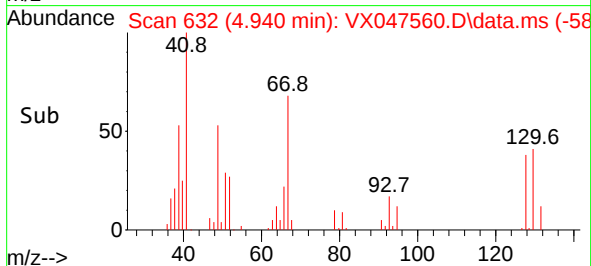
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion:	41	Resp:	3933
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.4	63.6
67	75.5	60.6	90.8
52	27.6	23.8	35.8

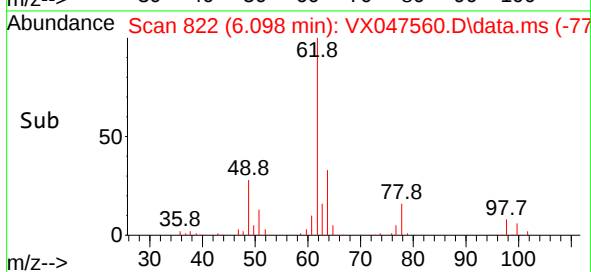
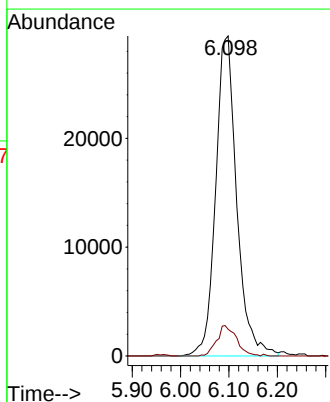
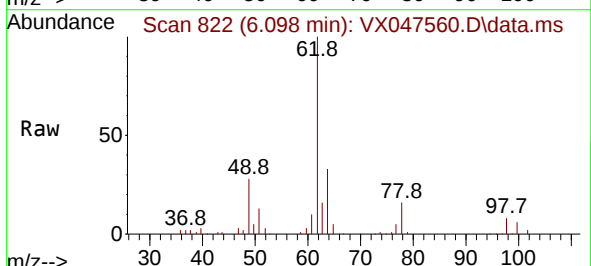
Manual Integrations
APPROVED

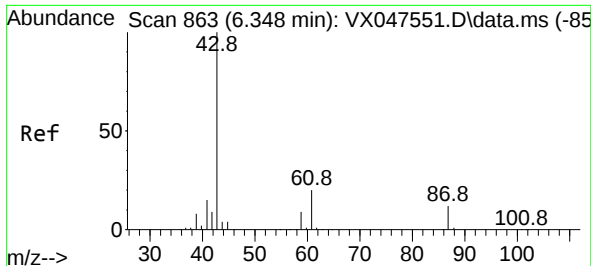
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#42
1,2-Dichloroethane
Concen: 18.519 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

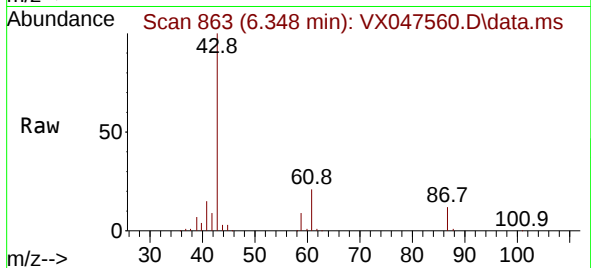
Tgt Ion:	62	Resp:	88866
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43
Isopropyl Acetate
Concen: 18.575 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

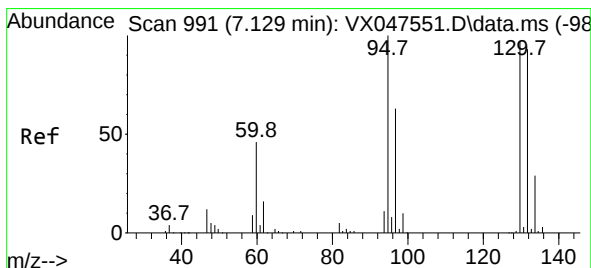
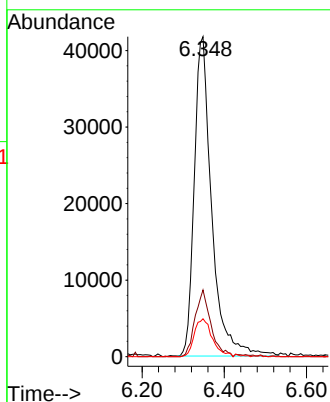
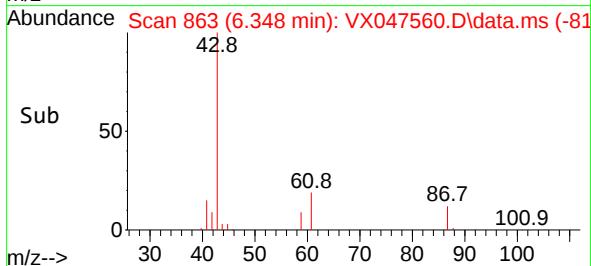
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 43 Resp: 122828
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.2
87 12.2 9.9 14.9

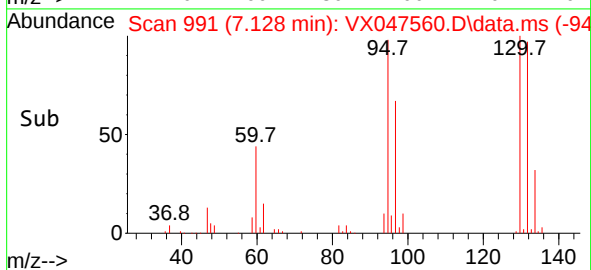
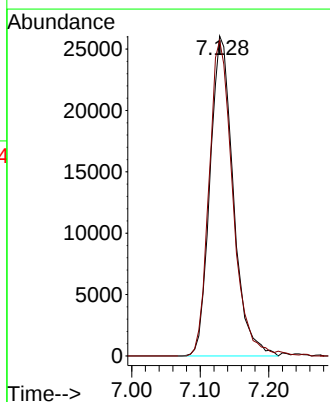
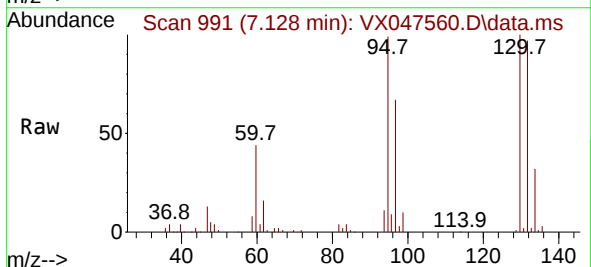
Manual Integrations
APPROVED

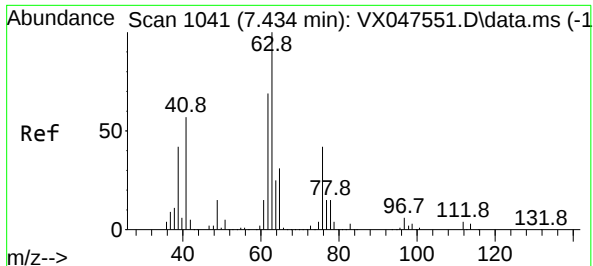
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#44
Trichloroethene
Concen: 18.610 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion:130 Resp: 61465
Ion Ratio Lower Upper
130 100
95 107.7 0.0 206.6





#45

1,2-Dichloropropane

Concen: 18.896 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

Tgt Ion: 63 Resp: 6344

Ion Ratio Lower Upper

63 100

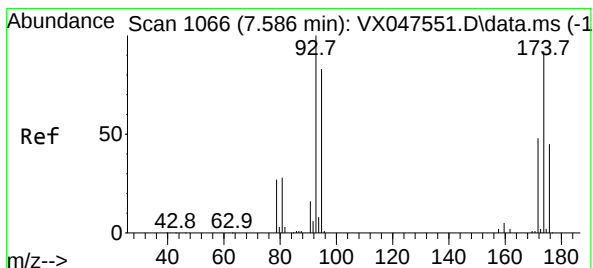
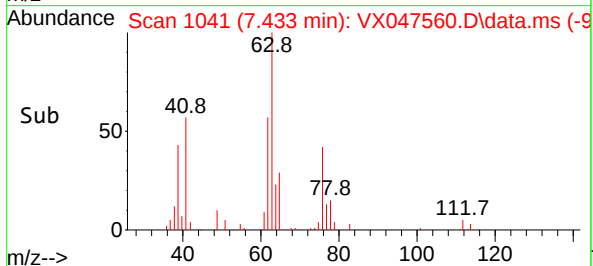
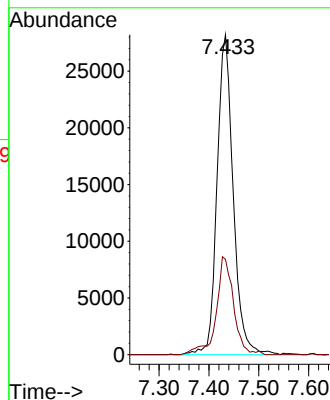
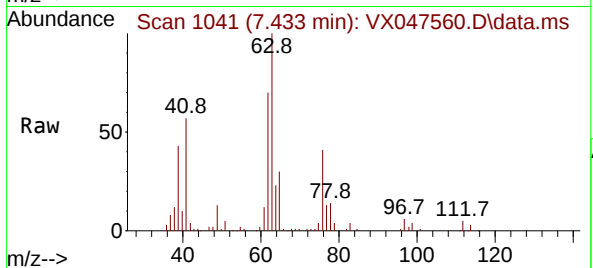
65 29.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#46

Dibromomethane

Concen: 18.511 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.007 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

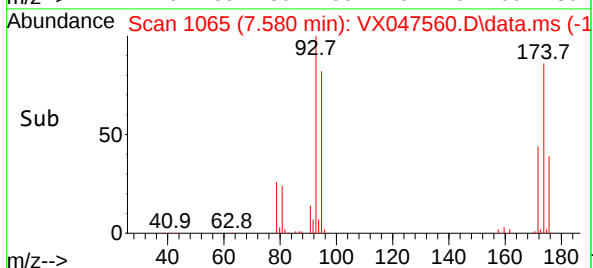
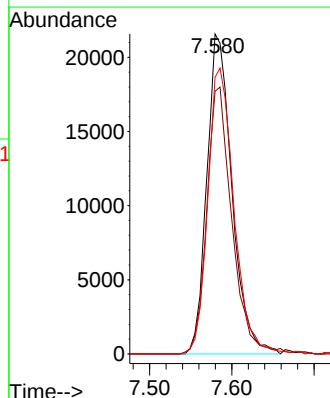
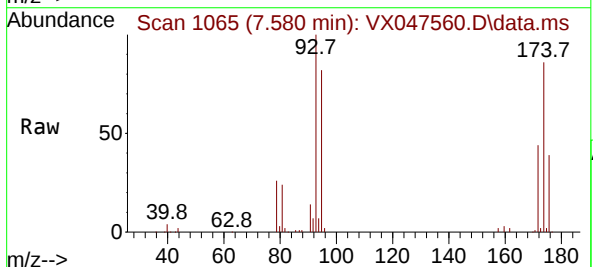
Tgt Ion: 93 Resp: 45754

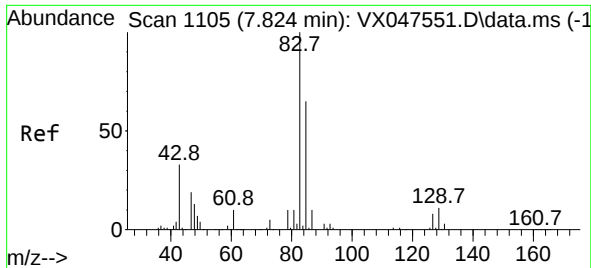
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 92.8 75.2 112.8





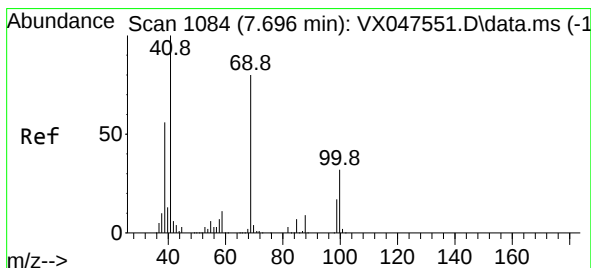
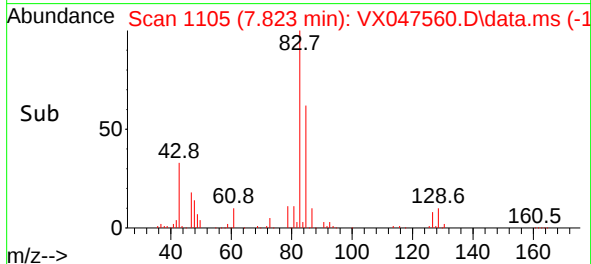
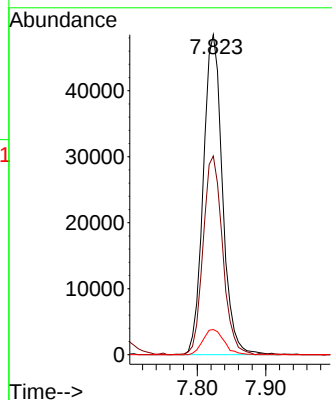
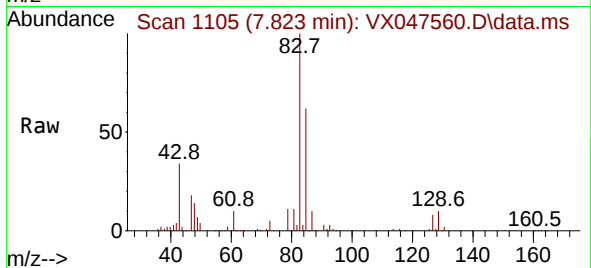
#47
Bromodichloromethane
Concen: 18.647 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Tgt Ion: 83 Resp: 9425
Ion Ratio Lower Upper
83 100
85 62.0 52.0 78.0
127 7.9 6.8 10.2

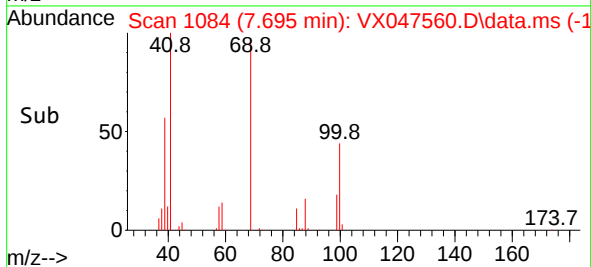
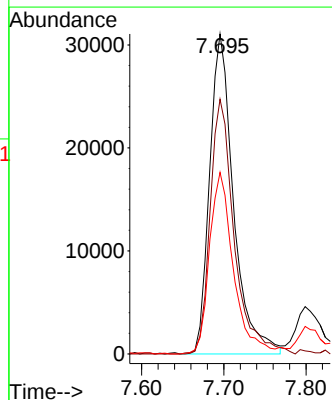
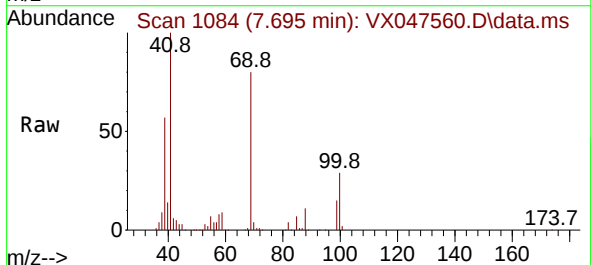
Manual Integrations
APPROVED

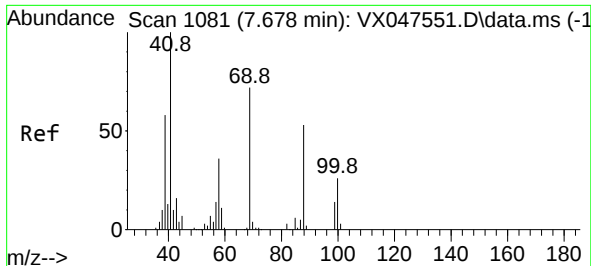
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#48
Methyl methacrylate
Concen: 18.478 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.001 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 41 Resp: 62854
Ion Ratio Lower Upper
41 100
69 79.7 63.4 95.2
39 56.6 44.7 67.1





#49

1,4-Dioxane

Concen: 390.253 ug/l

RT: 7.683 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

Tgt Ion: 88 Resp: 1313

Ion Ratio Lower Upper

88 100

43 42.3 31.9 47.9

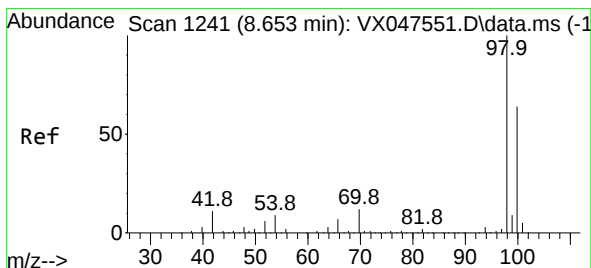
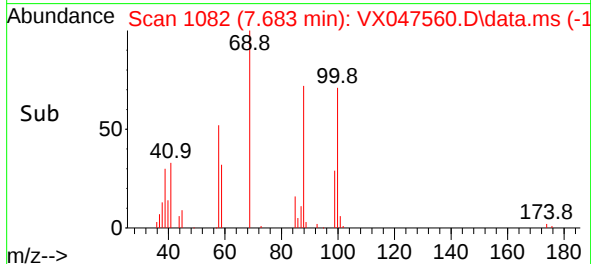
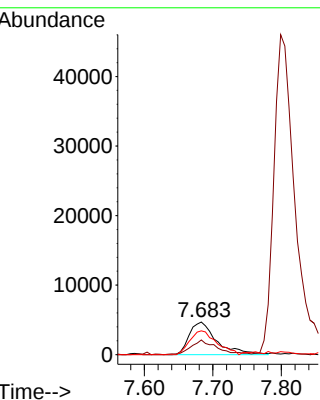
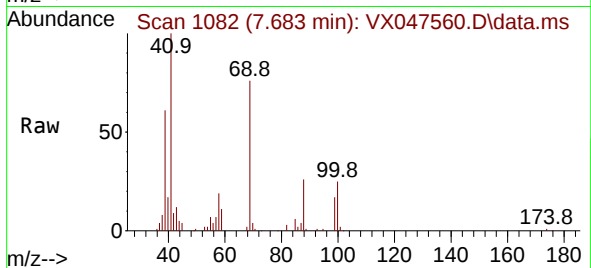
58 70.5 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#50

Toluene-d8

Concen: 50.224 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX047560.D

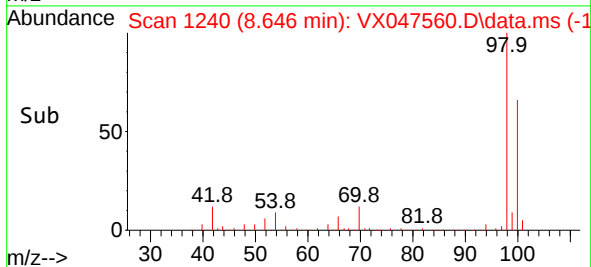
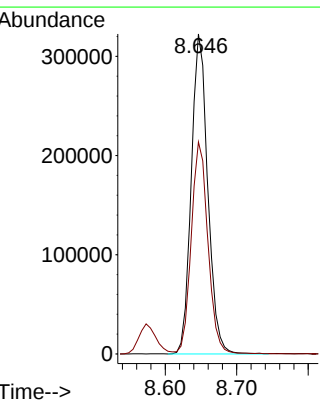
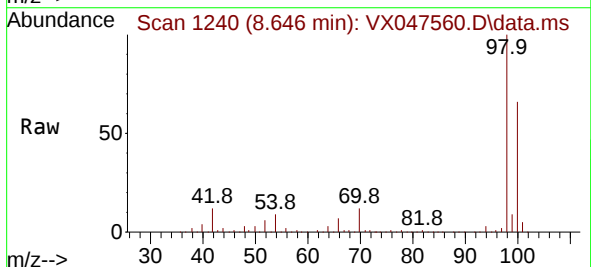
Acq: 29 Aug 2025 11:02

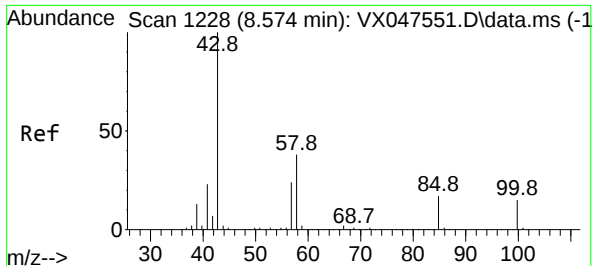
Tgt Ion: 98 Resp: 516489

Ion Ratio Lower Upper

98 100

100 66.7 53.5 80.3





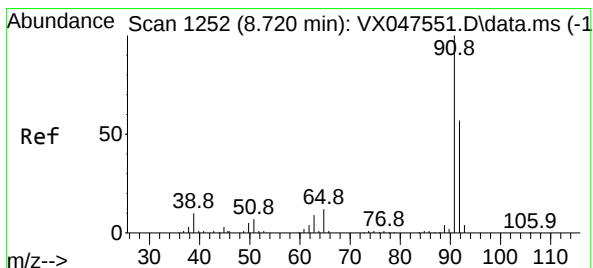
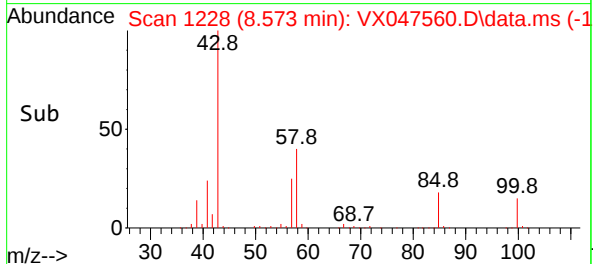
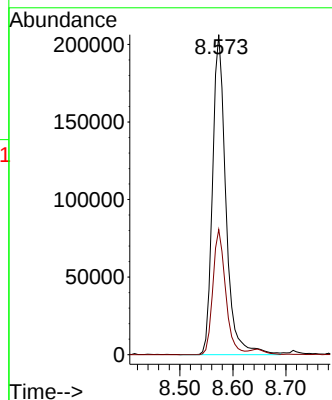
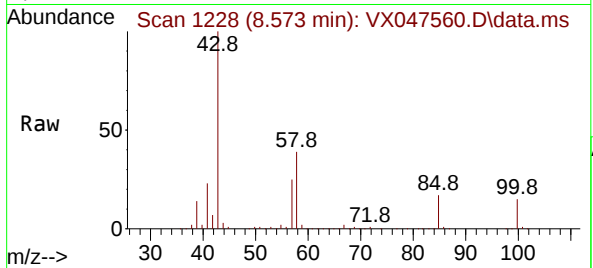
#51
4-Methyl-2-Pentanone
Concen: 92.517 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01

Tgt Ion: 43 Resp: 361472
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

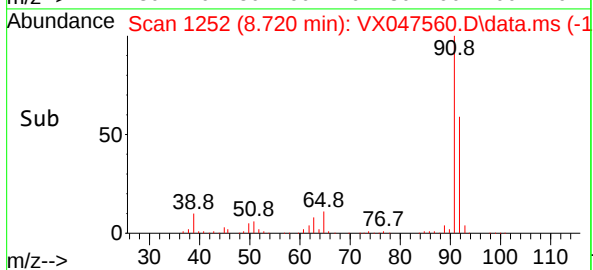
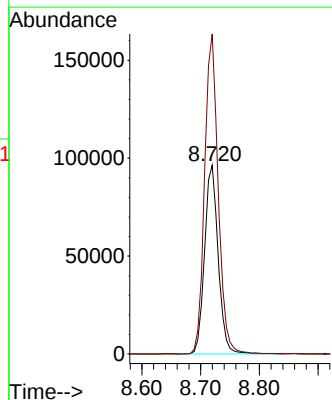
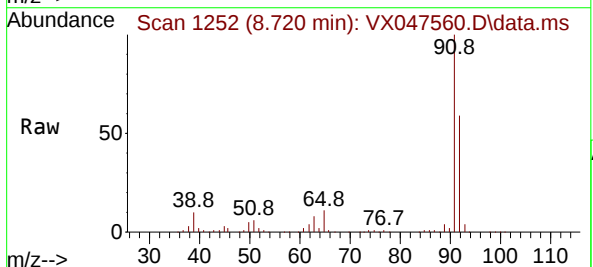
Manual Integrations
APPROVED

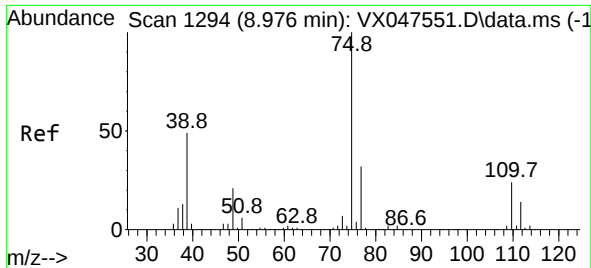
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#52
Toluene
Concen: 19.105 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 92 Resp: 155204
Ion Ratio Lower Upper
92 100
91 169.7 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 18.627 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

Tgt Ion: 75 Resp: 84829

Ion Ratio Lower Upper

75 100

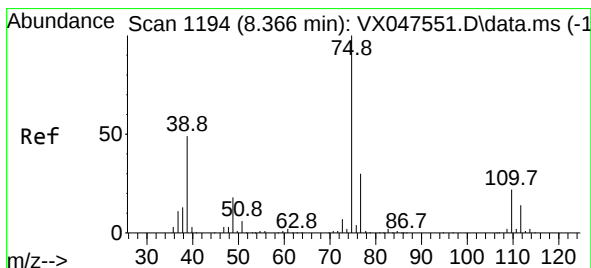
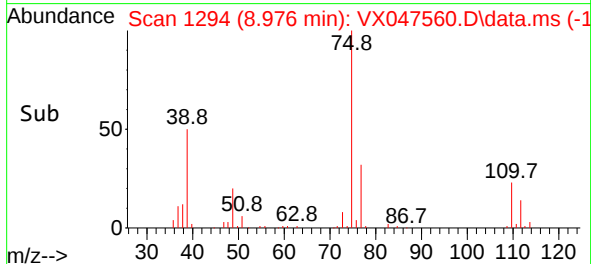
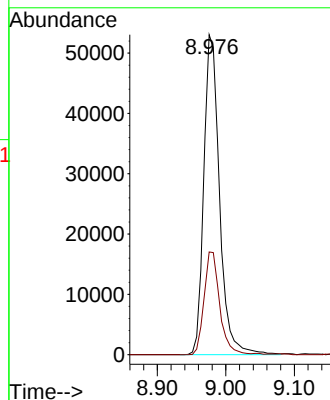
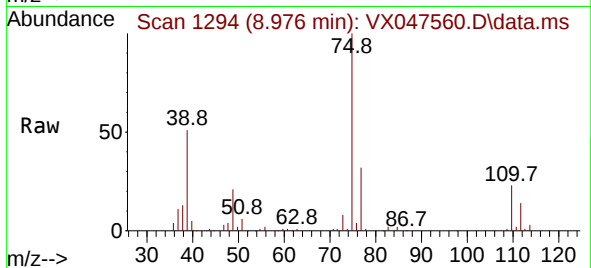
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#54

cis-1,3-Dichloropropene

Concen: 19.024 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

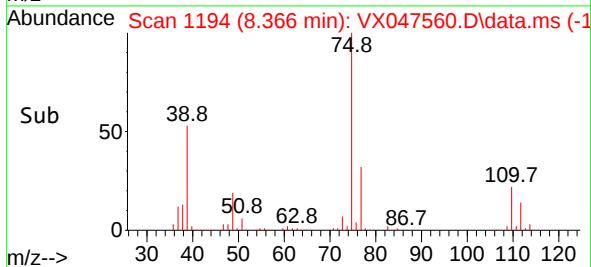
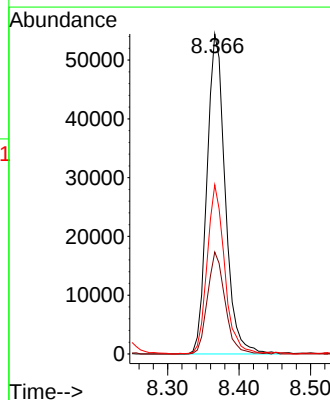
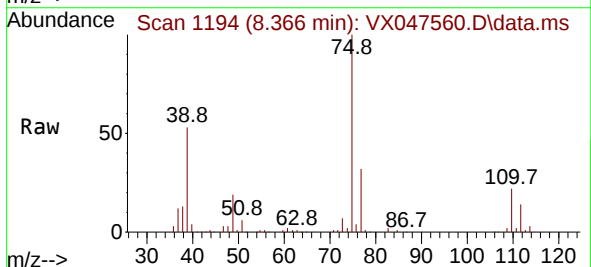
Tgt Ion: 75 Resp: 95994

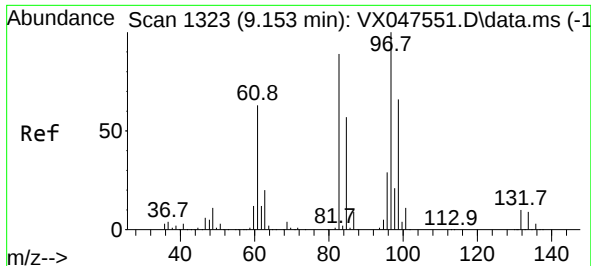
Ion Ratio Lower Upper

75 100

77 31.8 24.3 36.5

39 52.7 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 18.647 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.001 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

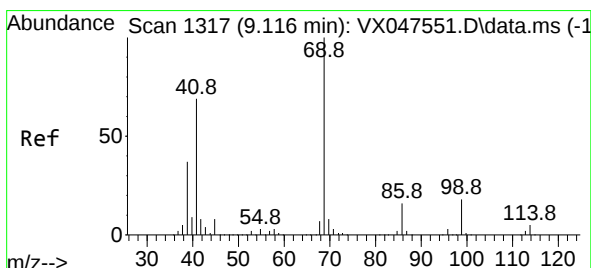
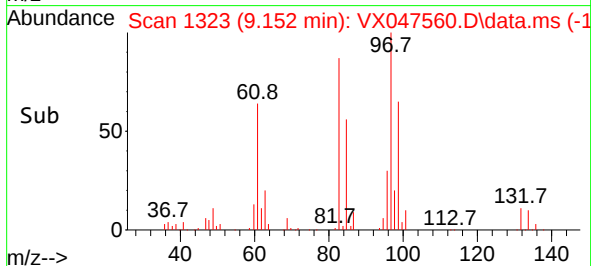
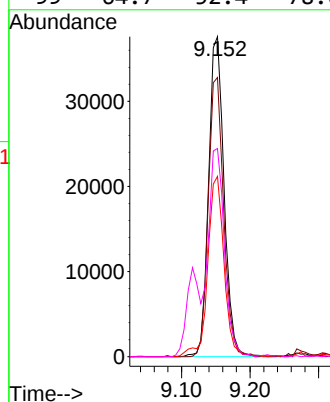
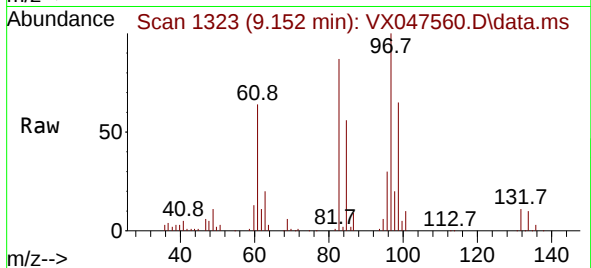
Tgt Ion:	97	Resp:	5909
Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.4	107.0
85	56.4	45.6	68.4
99	64.7	52.4	78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#56

Ethyl methacrylate

Concen: 18.927 ug/l

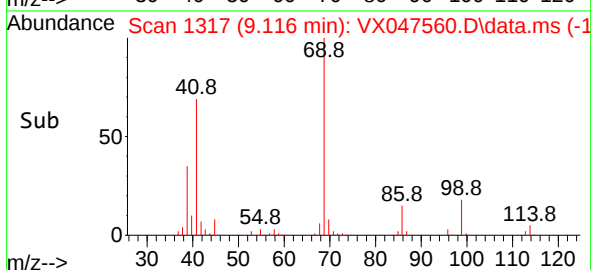
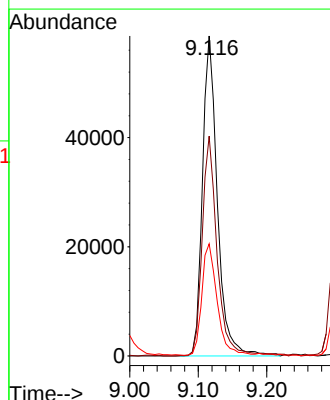
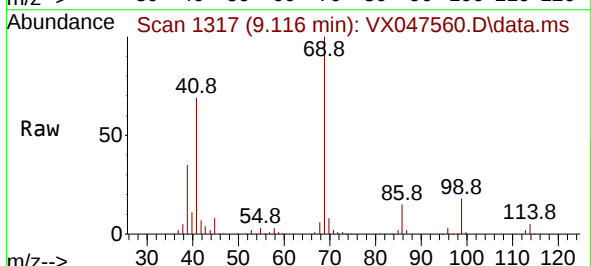
RT: 9.116 min Scan# 1317

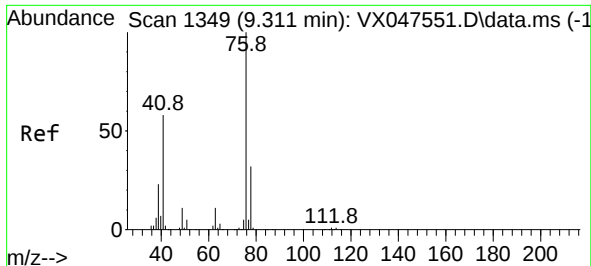
Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Tgt Ion:	69	Resp:	88792
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.0	82.4
39	35.7	29.8	44.6





#57

1,3-Dichloropropane

Concen: 18.546 ug/l

RT: 9.305 min Scan# 111750

Delta R.T. -0.007 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

Tgt Ion: 76 Resp: 101750

Ion Ratio Lower Upper

76 100

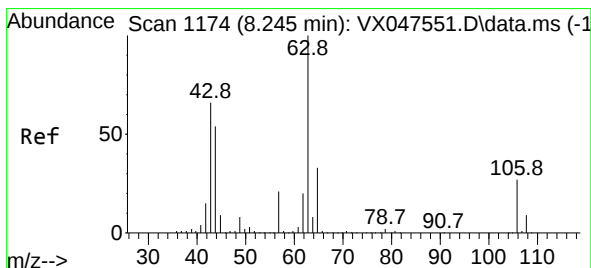
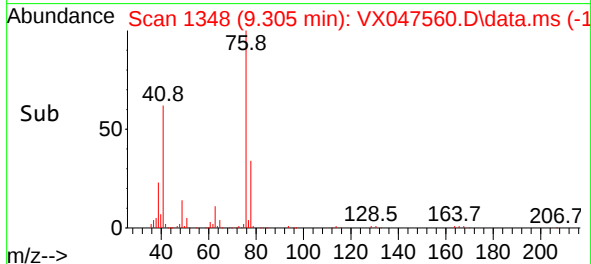
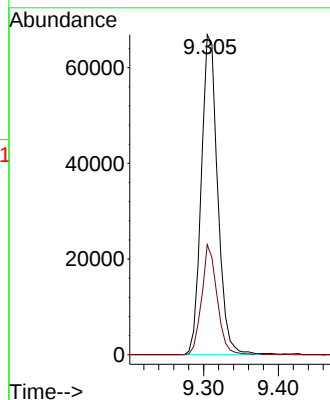
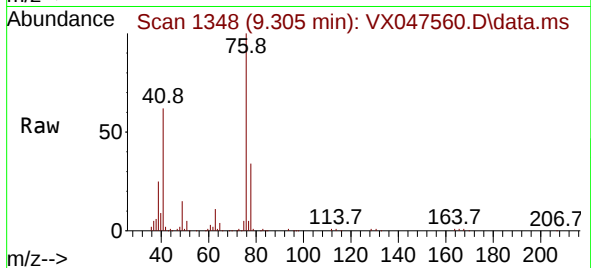
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.346 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX047560.D

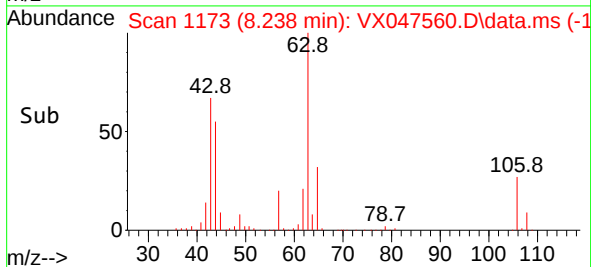
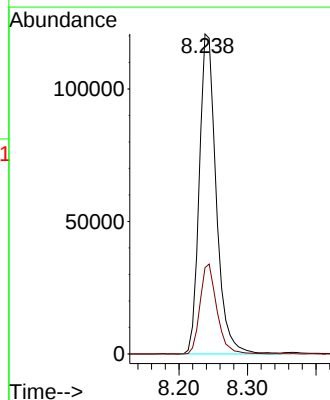
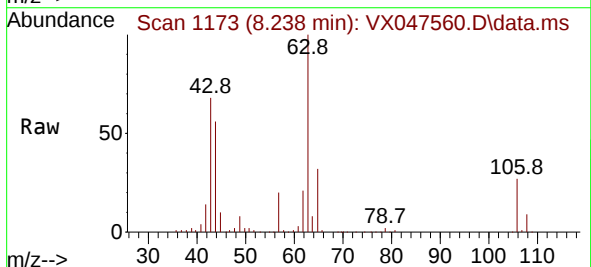
Acq: 29 Aug 2025 11:02

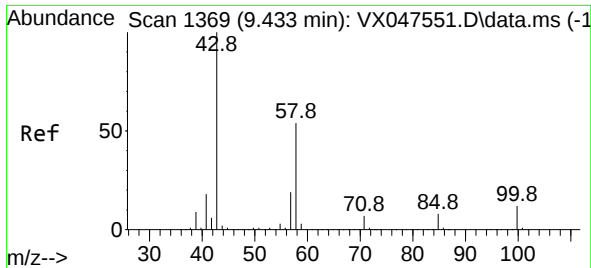
Tgt Ion: 63 Resp: 207446

Ion Ratio Lower Upper

63 100

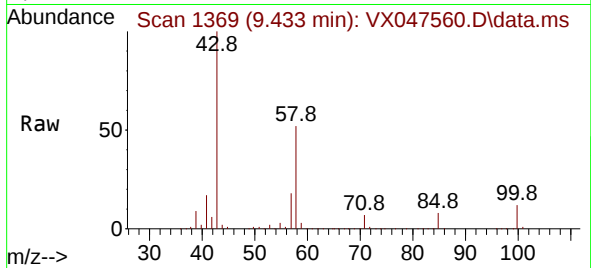
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 92.524 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

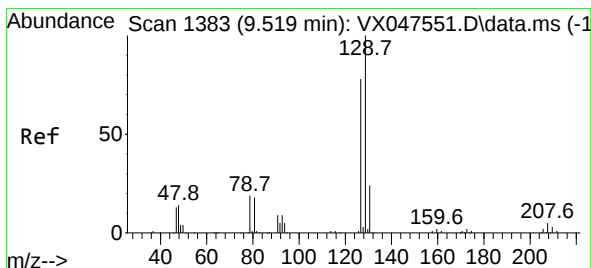
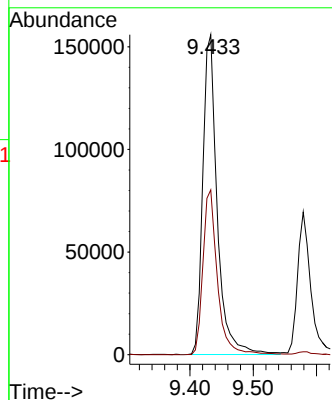
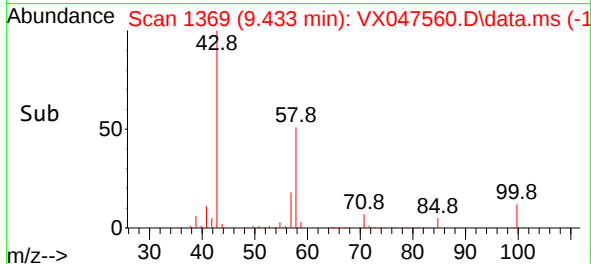
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 43 Resp: 246950
Ion Ratio Lower Upper
43 100
58 52.0 26.7 80.0

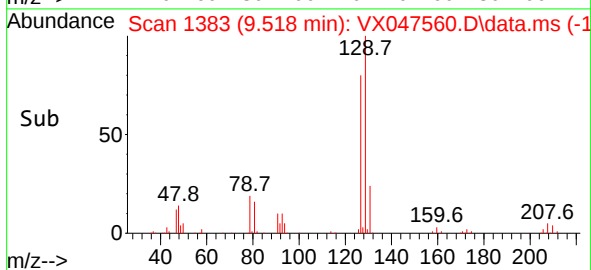
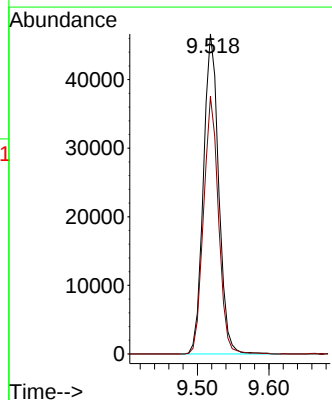
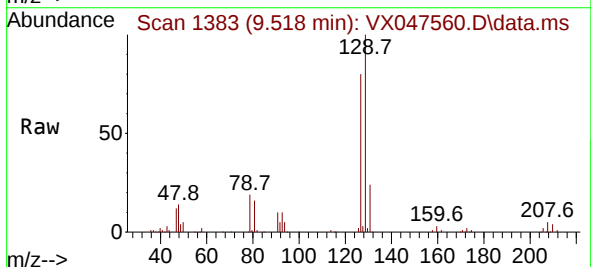
Manual Integrations
APPROVED

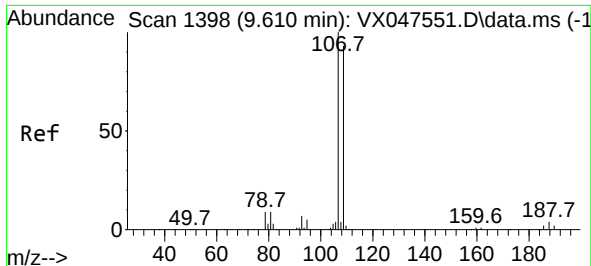
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#60
Dibromochloromethane
Concen: 18.296 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

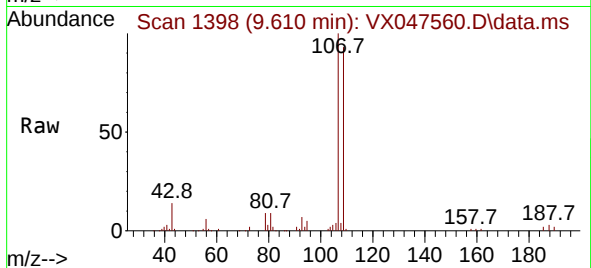
Tgt Ion:129 Resp: 69265
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.3





#61
1,2-Dibromoethane
Concen: 18.913 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

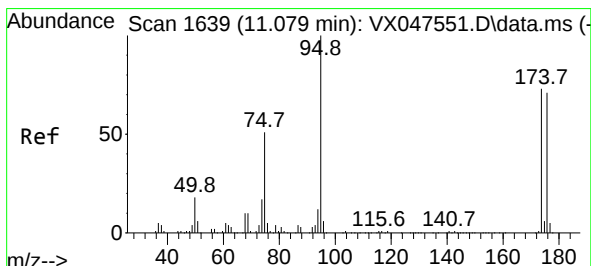
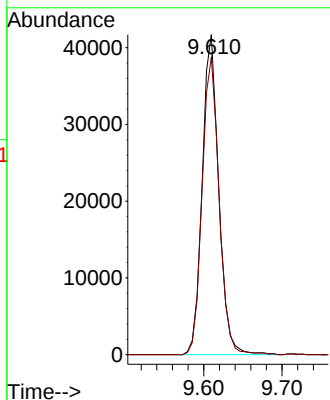
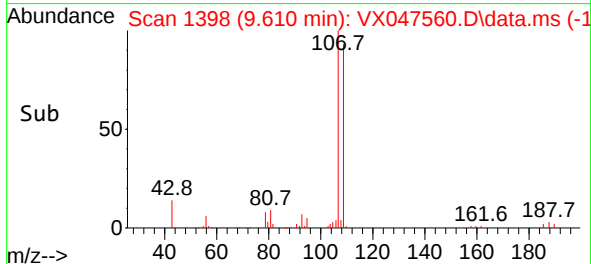
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



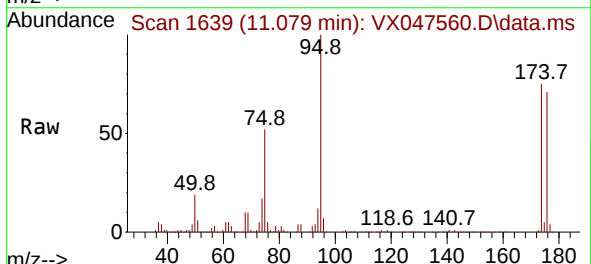
Tgt Ion:107 Resp: 60990
Ion Ratio Lower Upper
107 100
109 95.4 75.5 113.3

Manual Integrations
APPROVED

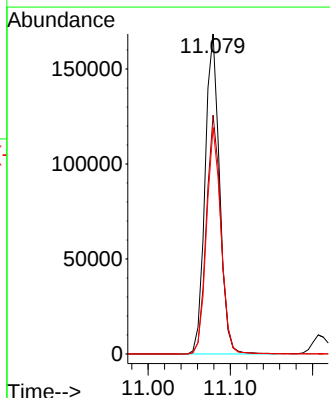
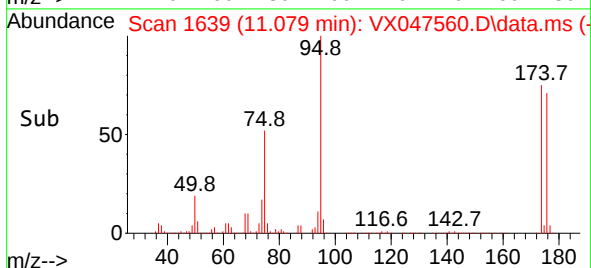
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

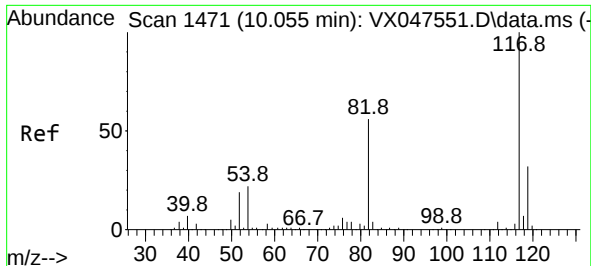


#62
4-Bromofluorobenzene
Concen: 53.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.001 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02



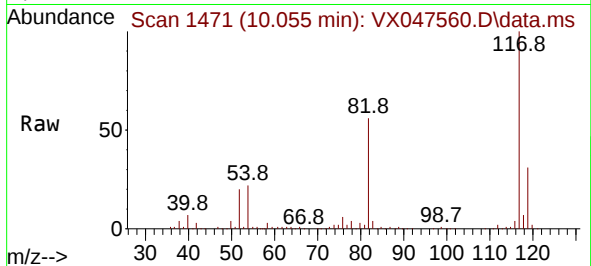
Tgt Ion: 95 Resp: 205780
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 70.8 0.0 140.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

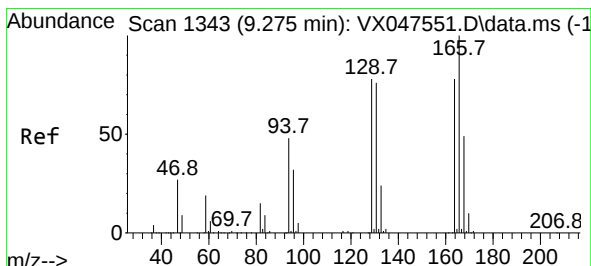
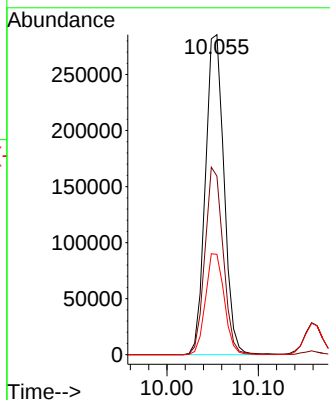
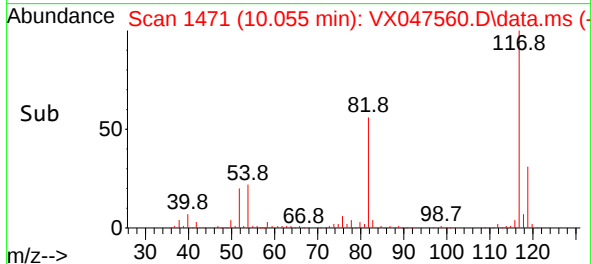
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion:117 Resp: 40299
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 31.4 25.7 38.5

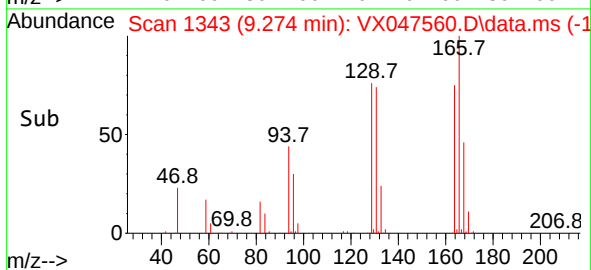
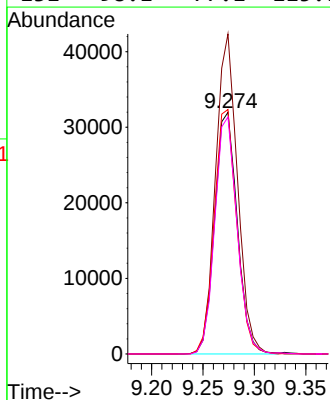
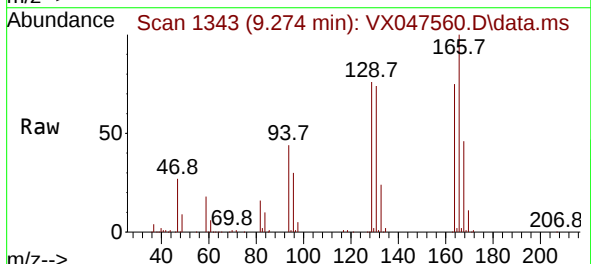
Manual Integrations
APPROVED

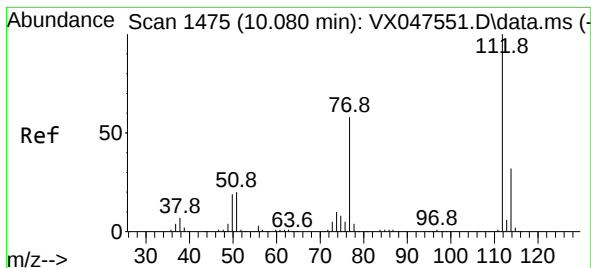
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#64
Tetrachloroethene
Concen: 18.089 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

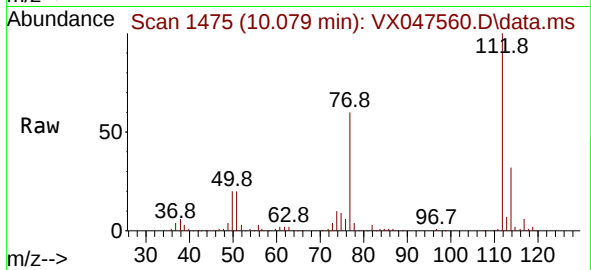
Tgt Ion:164 Resp: 48838
Ion Ratio Lower Upper
164 100
166 132.5 102.1 153.1
129 101.2 79.3 118.9
131 98.1 77.1 115.7





#65
Chlorobenzene
Concen: 18.175 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

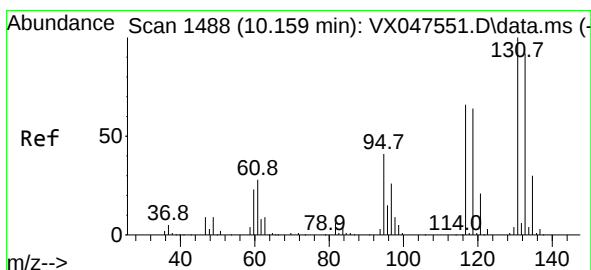
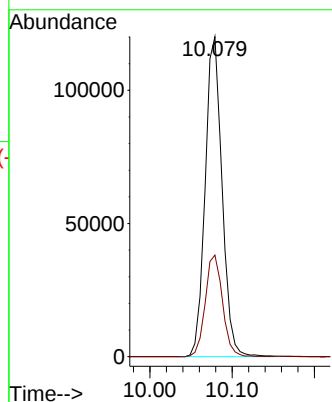
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion:112 Resp: 171460
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

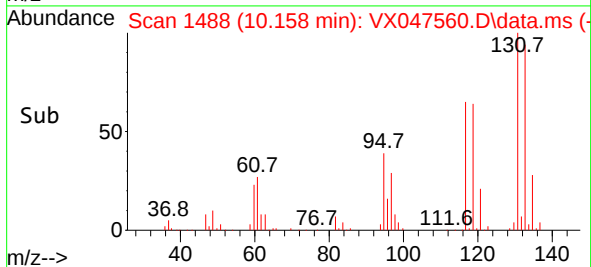
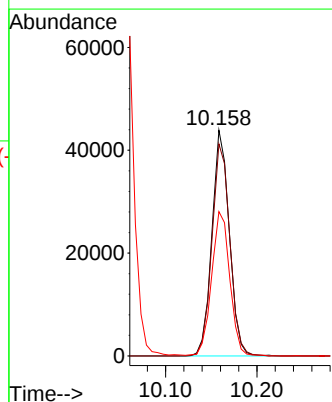
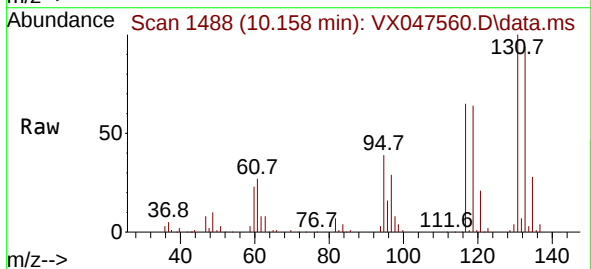
Manual Integrations
APPROVED

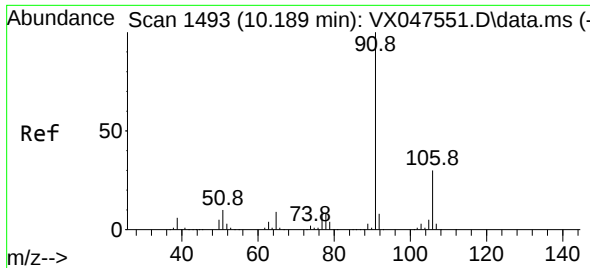
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.105 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

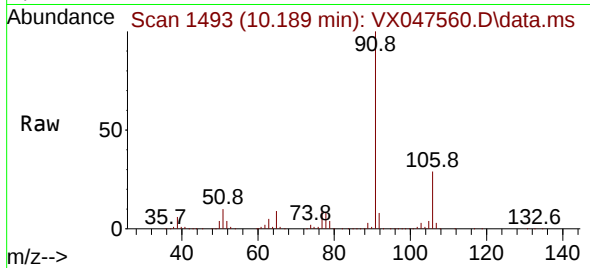
Tgt Ion:131 Resp: 57920
Ion Ratio Lower Upper
131 100
133 96.7 47.4 142.3
119 66.9 32.6 97.7





#67
Ethyl Benzene
Concen: 18.271 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.001 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

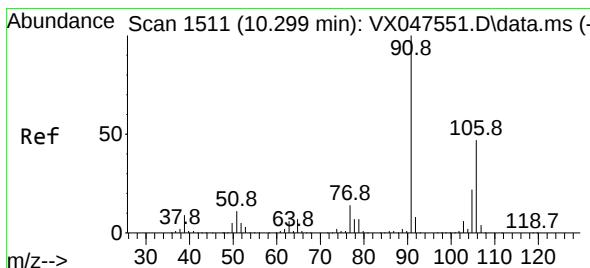
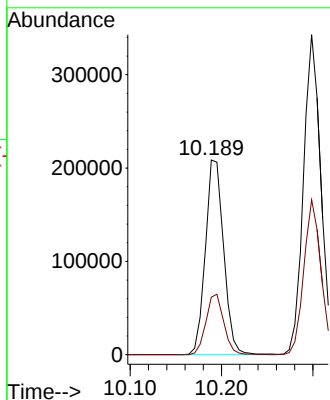
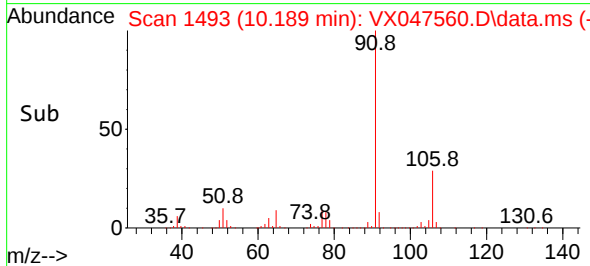
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



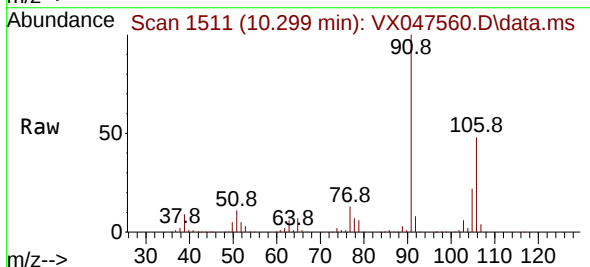
Tgt Ion: 91 Resp: 28964
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9

Manual Integrations
APPROVED

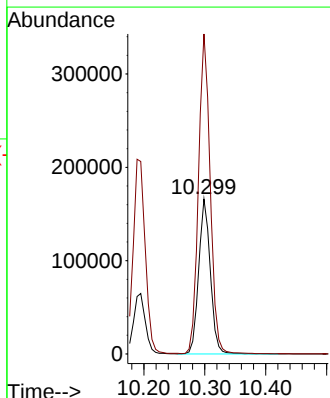
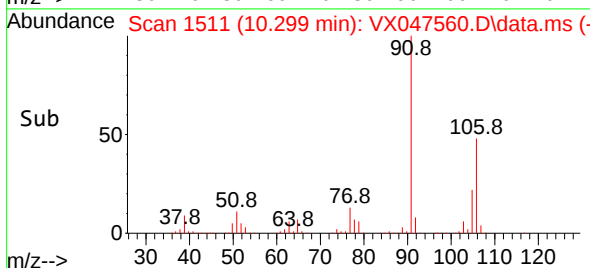
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

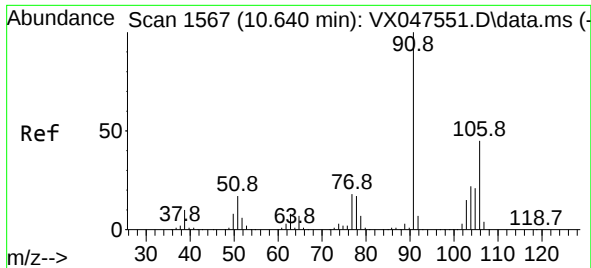


#68
m/p-Xylenes
Concen: 37.469 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02



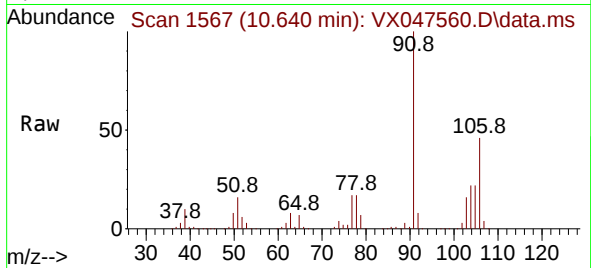
Tgt Ion:106 Resp: 220619
Ion Ratio Lower Upper
106 100
91 207.9 166.1 249.1





#69
o-Xylene
Concen: 18.651 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

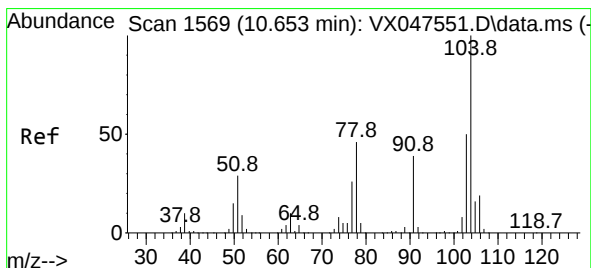
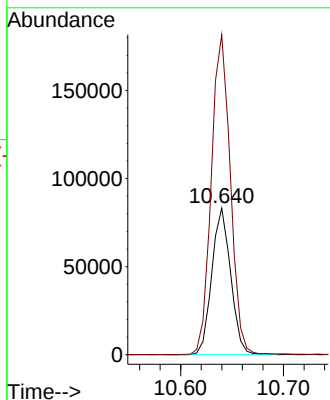
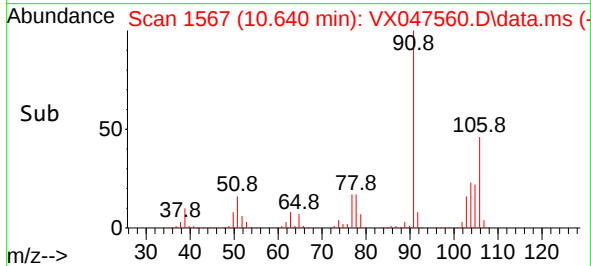
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion:106 Resp: 105790
Ion Ratio Lower Upper
106 100
91 221.9 109.9 329.7

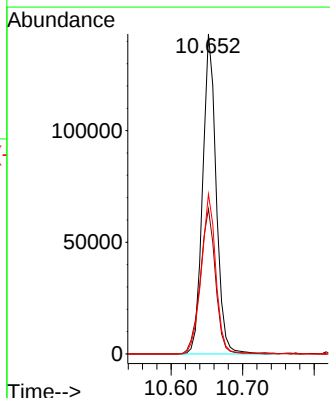
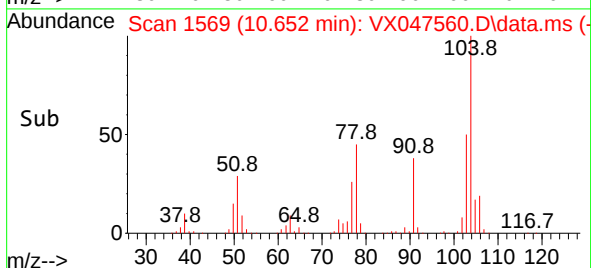
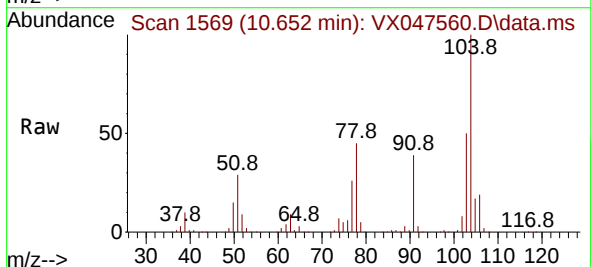
Manual Integrations
APPROVED

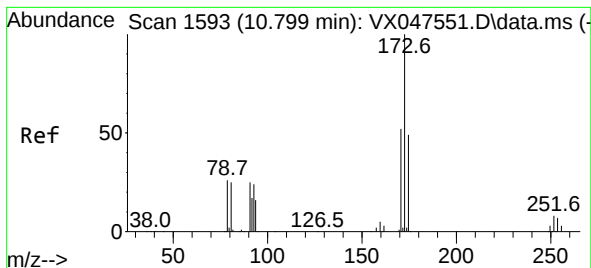
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#70
Styrene
Concen: 19.168 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

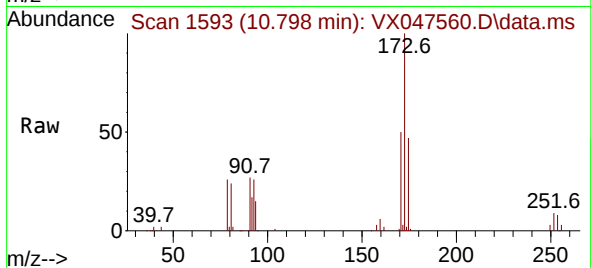
Tgt Ion:104 Resp: 188648
Ion Ratio Lower Upper
104 100
78 51.0 41.6 62.4
103 53.7 43.0 64.4





#71
Bromoform
Concen: 18.361 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.001 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

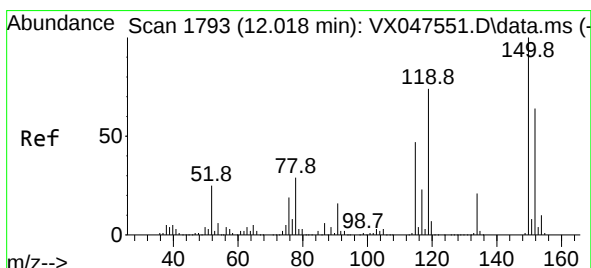
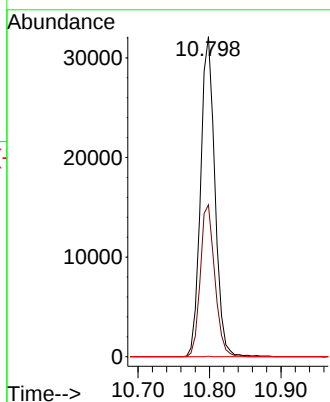
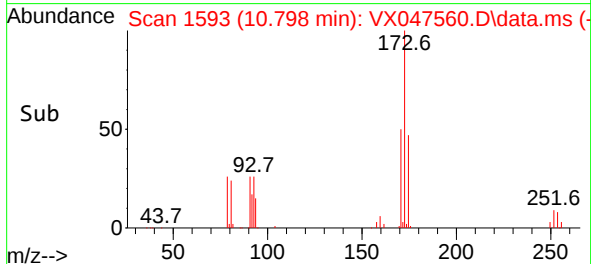
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



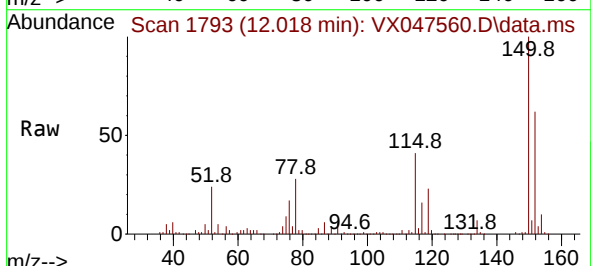
Tgt Ion:173 Resp: 4472
Ion Ratio Lower Upper
173 100
175 48.0 24.5 73.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

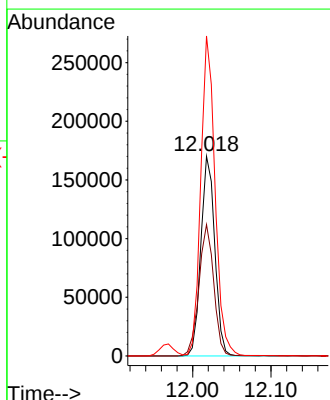
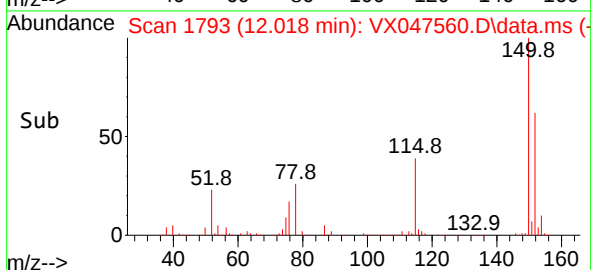
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

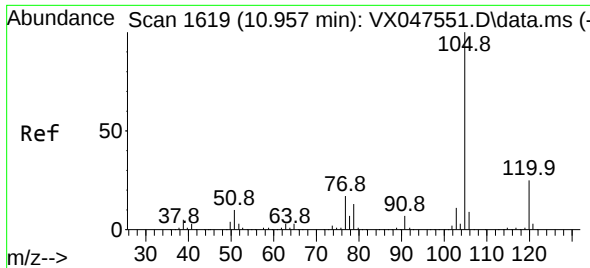


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02



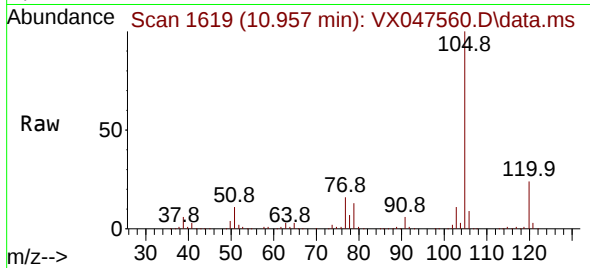
Tgt Ion:152 Resp: 210365
Ion Ratio Lower Upper
152 100
115 69.9 42.9 128.5
150 163.9 0.0 351.0





#73
Isopropylbenzene
Concen: 17.505 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

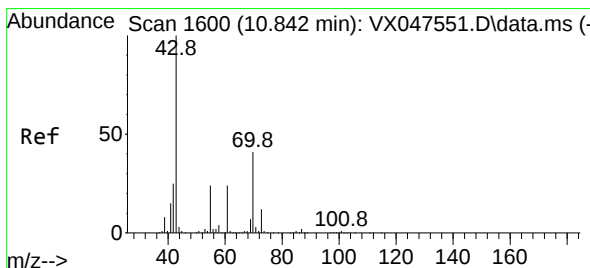
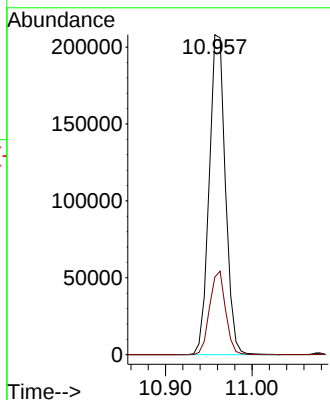
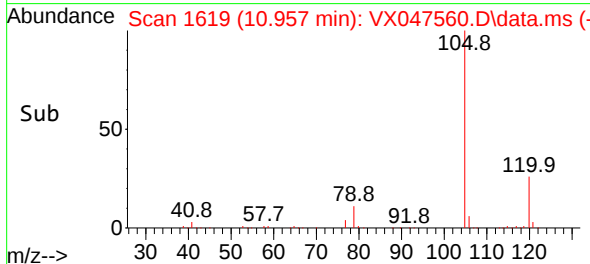
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion:105 Resp: 270974
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

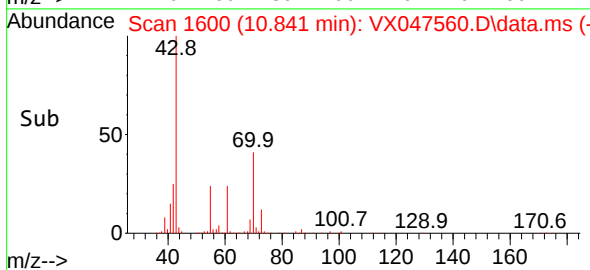
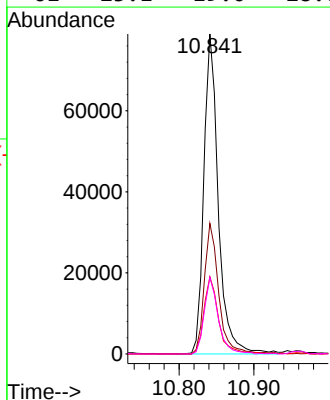
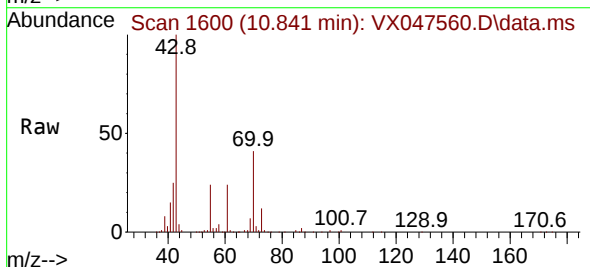
Manual Integrations
APPROVED

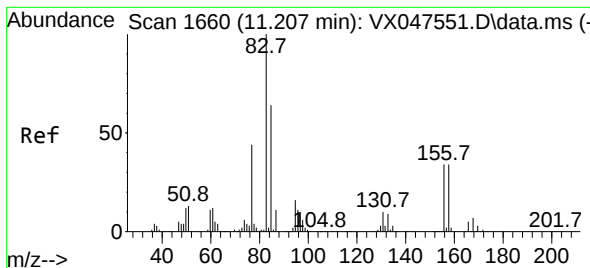
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#74
N-ethyl acetate
Concen: 16.611 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

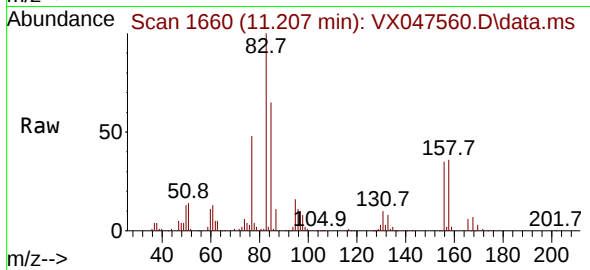
Tgt Ion: 43 Resp: 106183
Ion Ratio Lower Upper
43 100
70 40.9 32.9 49.3
55 24.5 19.2 28.8
61 23.1 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 16.998 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

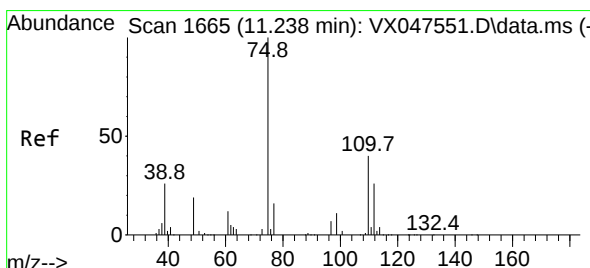
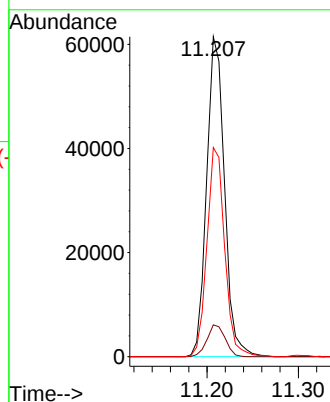
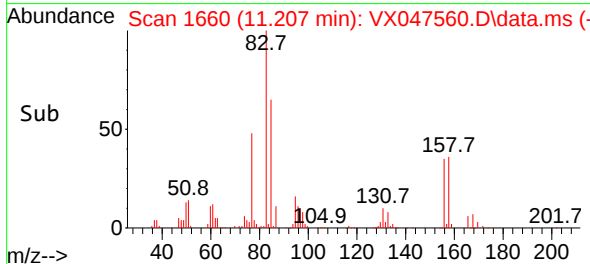
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 83 Resp: 8317
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 65.1 32.4 97.0

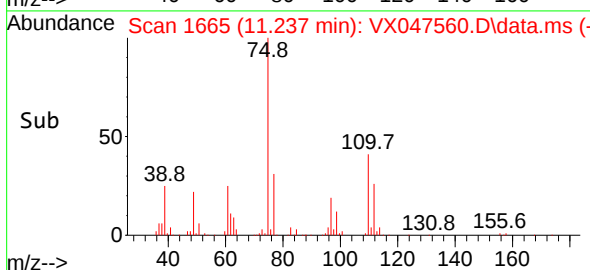
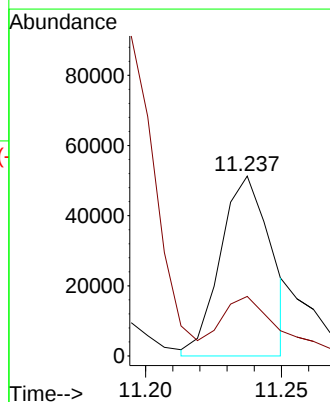
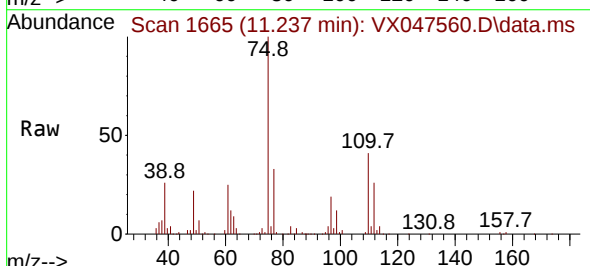
Manual Integrations
APPROVED

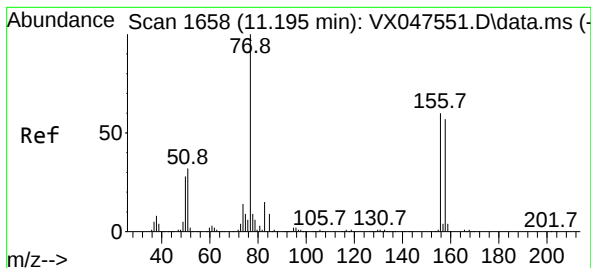
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#76
1,2,3-Trichloropropane
Concen: 17.599 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 75 Resp: 66075
Ion Ratio Lower Upper
75 100
77 39.3 19.7 59.1





#77

Bromobenzene

Concen: 17.667 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.001 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

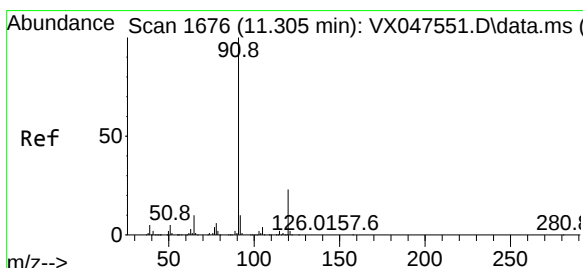
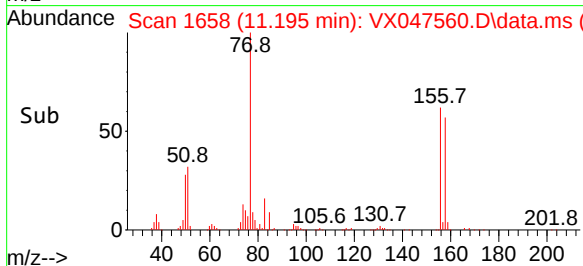
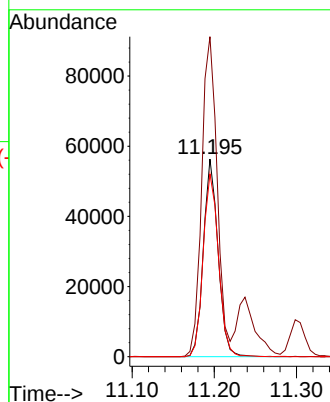
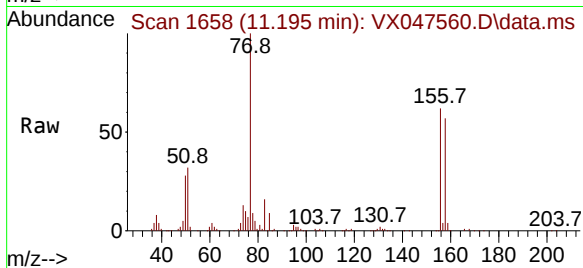
Tgt Ion:	156	Resp:	6996
Ion Ratio	Lower	Upper	
156	100		
77	170.9	84.4	253.1
158	97.0	47.4	142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#78

n-propylbenzene

Concen: 17.412 ug/l

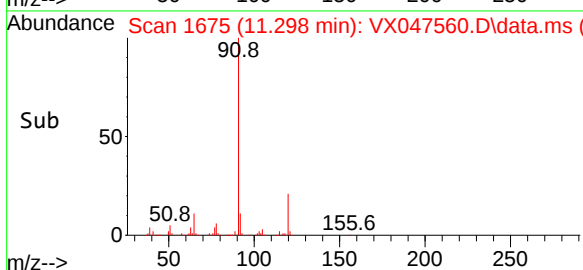
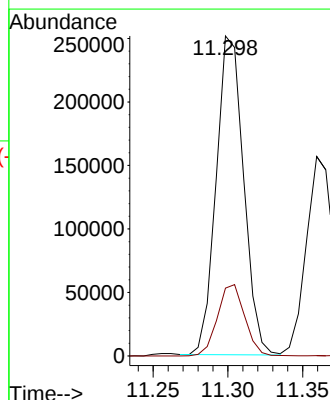
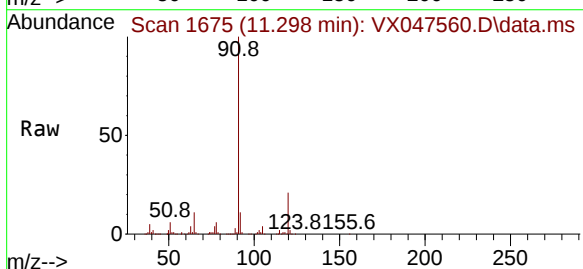
RT: 11.298 min Scan# 1675

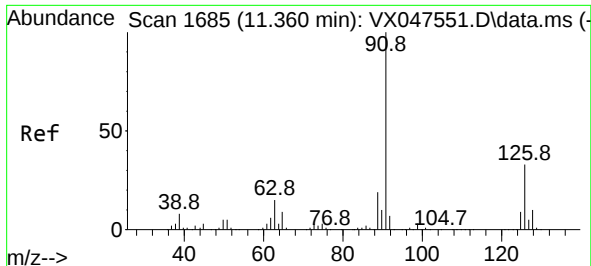
Delta R.T. -0.007 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

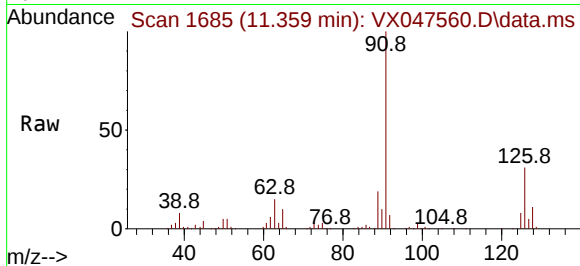
Tgt Ion:	91	Resp:	320891
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.2	33.6





#79
2-Chlorotoluene
Concen: 17.545 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

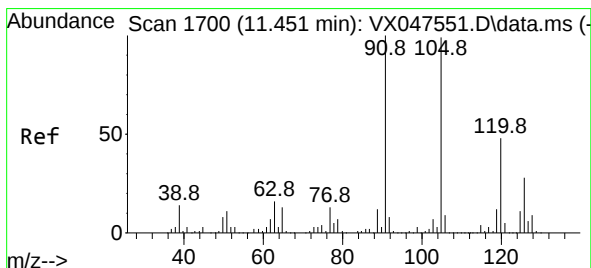
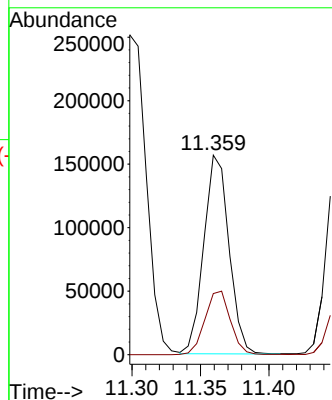
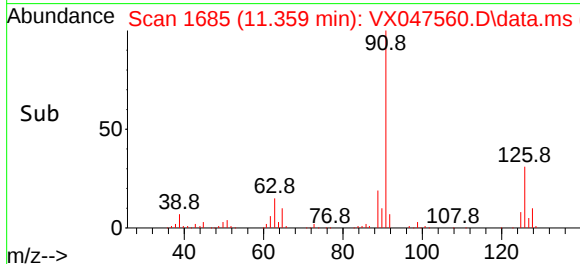
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



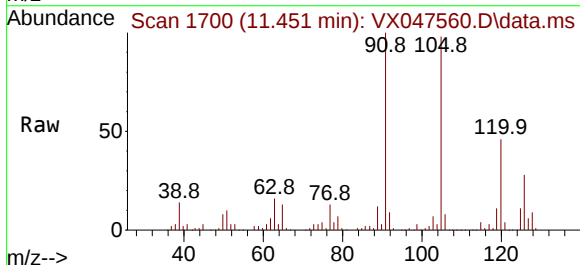
Tgt Ion: 91 Resp: 200520
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.2

Manual Integrations
APPROVED

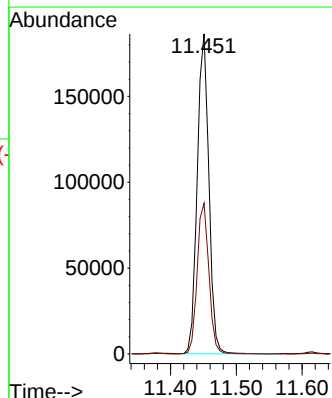
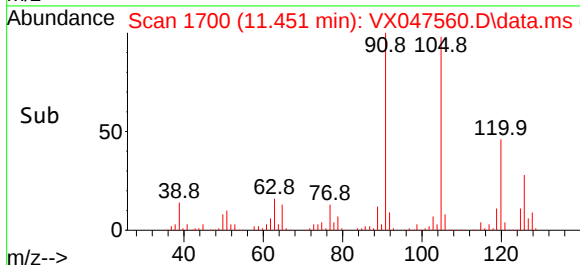
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

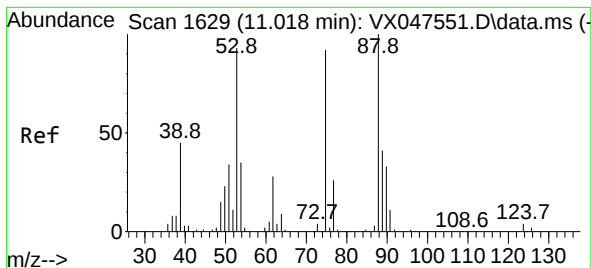


#80
1,3,5-Trimethylbenzene
Concen: 17.989 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02



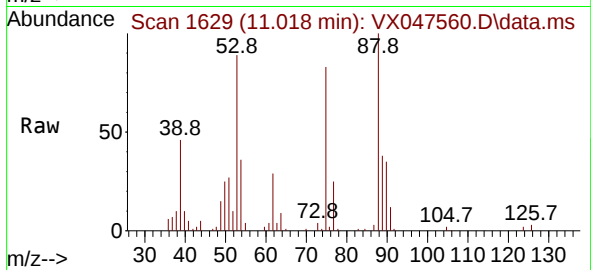
Tgt Ion:105 Resp: 227681
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.009 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

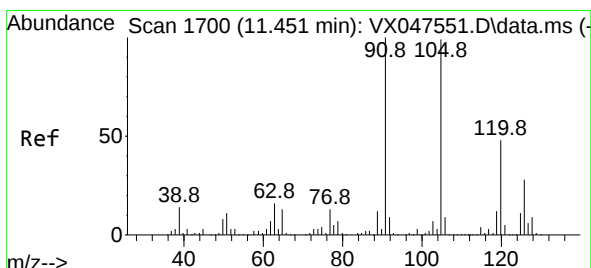
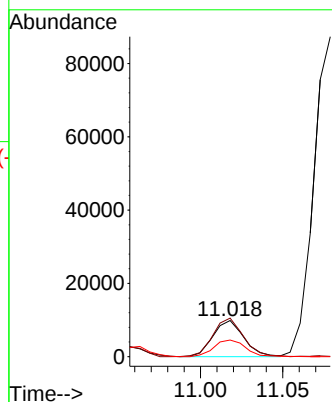
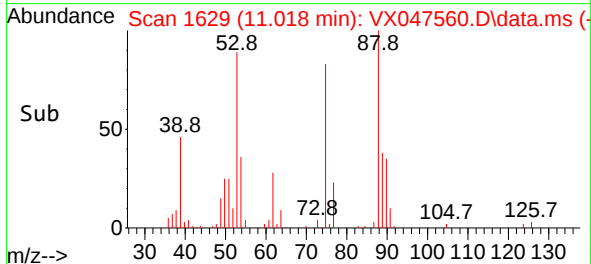
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion: 75 Resp: 12878
Ion Ratio Lower Upper
75 100
53 106.7 85.7 128.5
89 47.5 36.4 54.6

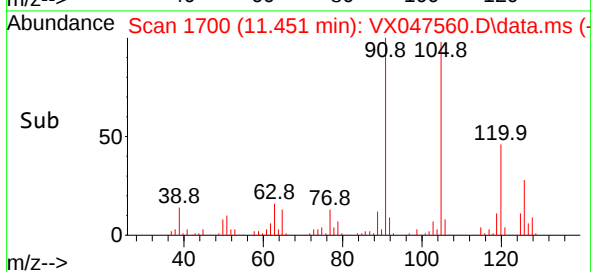
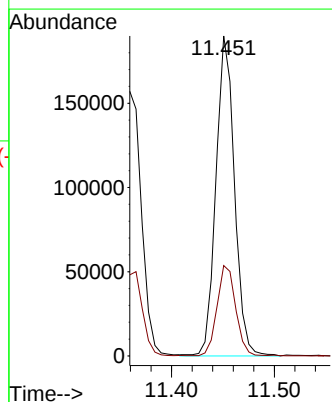
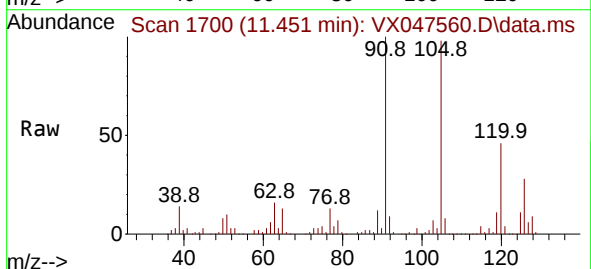
Manual Integrations
APPROVED

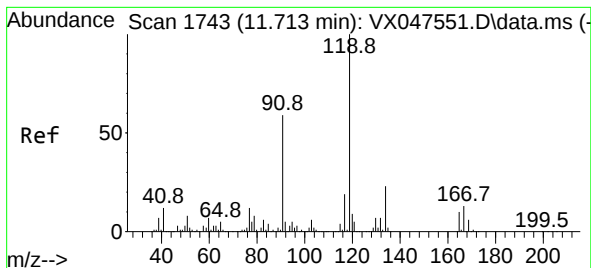
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#82
4-Chlorotoluene
Concen: 17.735 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 91 Resp: 237842
Ion Ratio Lower Upper
91 100
126 28.6 14.6 43.8





#83

tert-Butylbenzene

Concen: 17.506 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.001 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

Tgt Ion:119 Resp: 22335

Ion Ratio Lower Upper

119 100

91 57.1 28.5 85.5

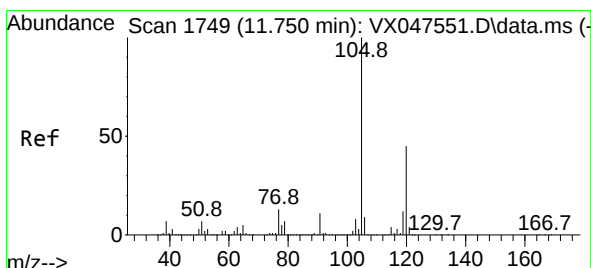
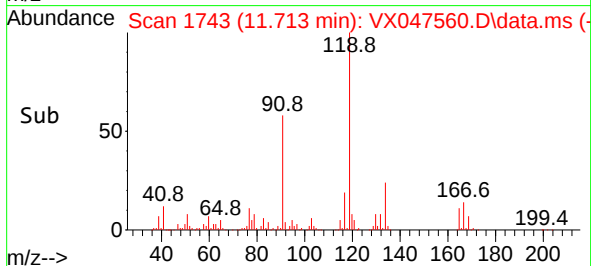
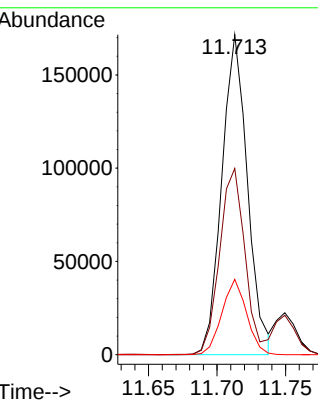
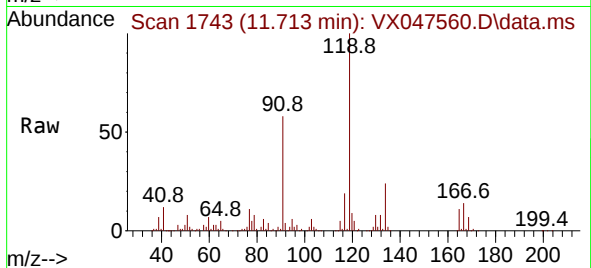
134 22.7 11.3 33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 17.758 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VX047560.D

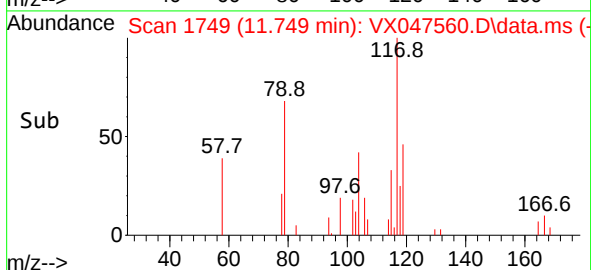
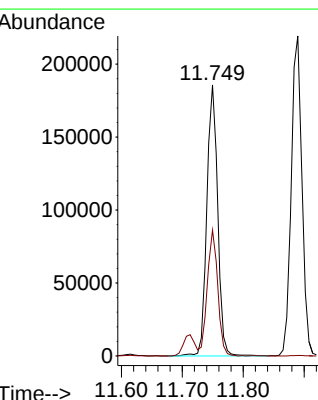
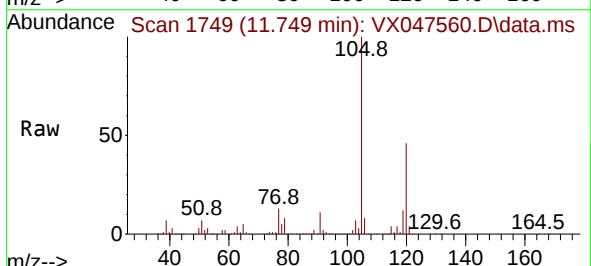
Acq: 29 Aug 2025 11:02

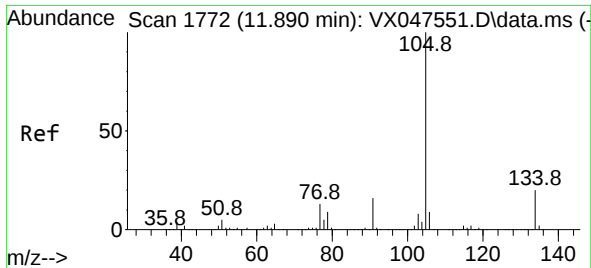
Tgt Ion:105 Resp: 229095

Ion Ratio Lower Upper

105 100

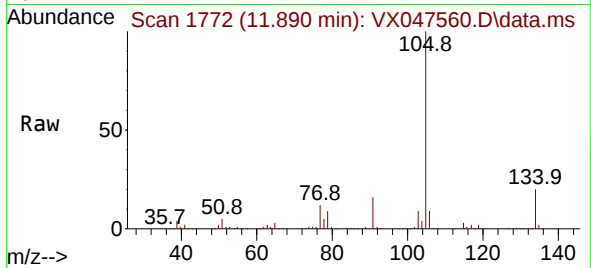
120 45.0 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 17.367 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.001 min
 Lab File: VX047560.D
 Acq: 29 Aug 2025 11:02

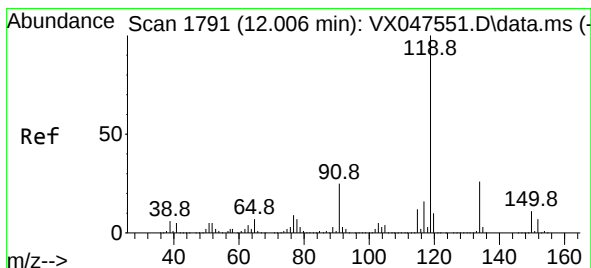
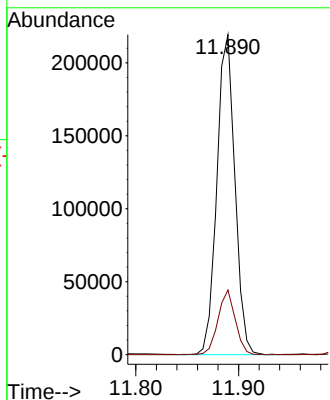
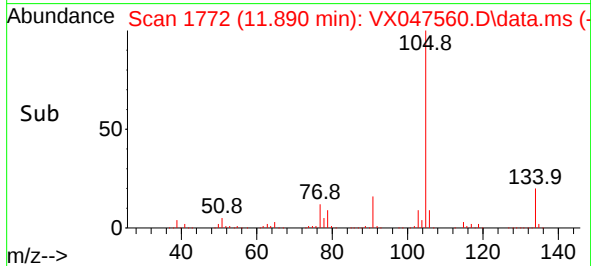
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01



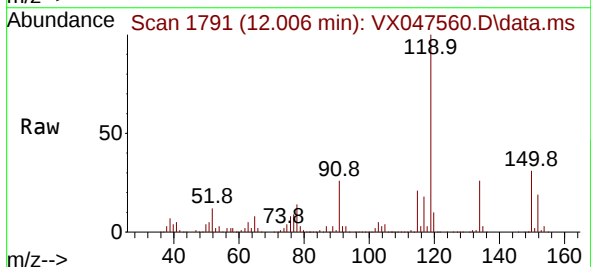
Tgt Ion:105 Resp: 26661
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5

Manual Integrations
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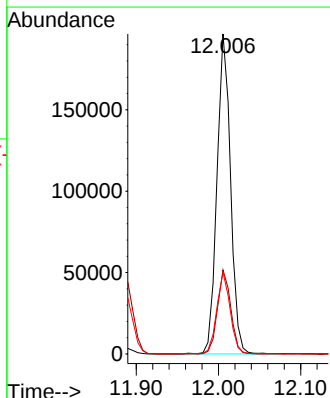
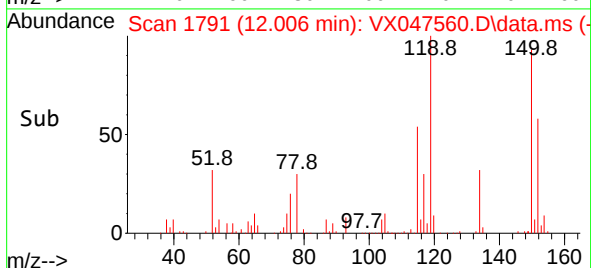
Reviewed By :John Carlone 09/02/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025

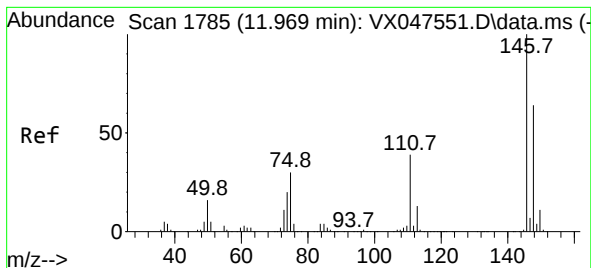


#86
 p-Isopropyltoluene
 Concen: 17.499 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047560.D
 Acq: 29 Aug 2025 11:02



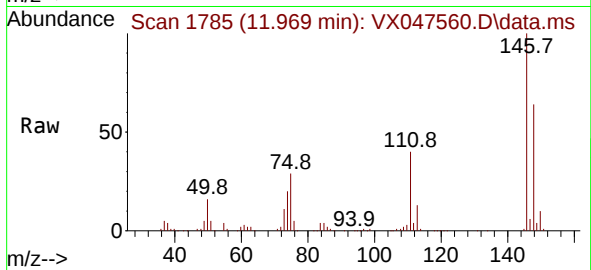
Tgt Ion:119 Resp: 225193
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.314 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

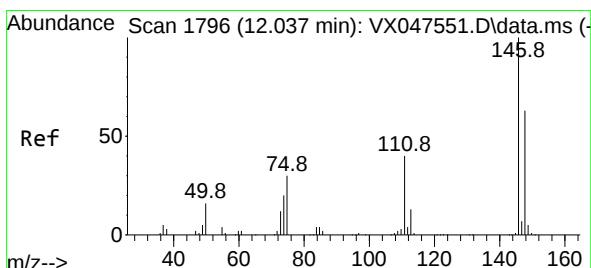
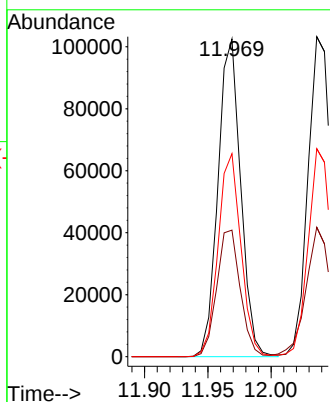
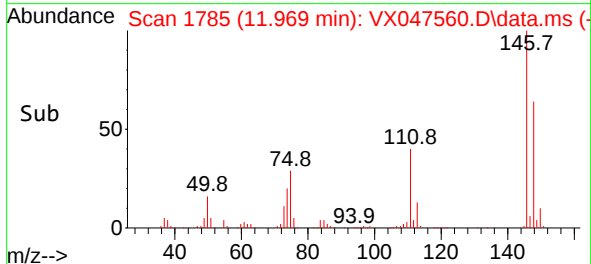
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion:146 Resp: 127824
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.9
148 64.3 31.9 95.5

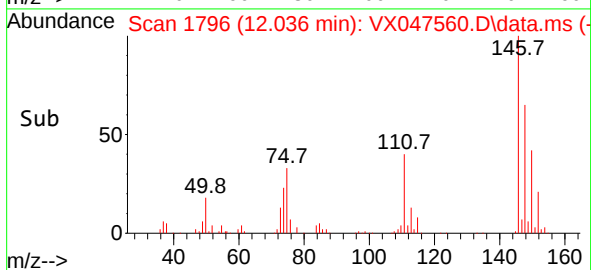
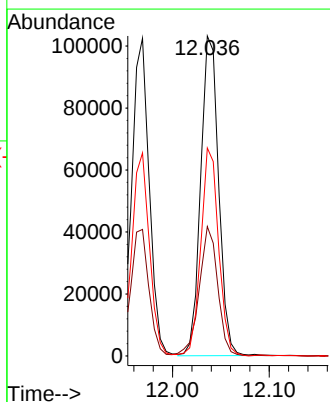
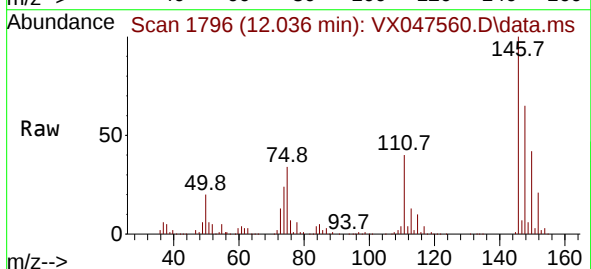
Manual Integrations
APPROVED

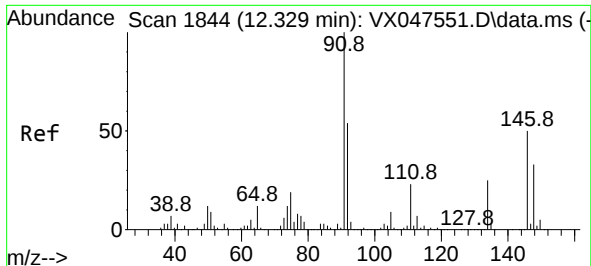
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#88
1,4-Dichlorobenzene
Concen: 17.493 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.001 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion:146 Resp: 133342
Ion Ratio Lower Upper
146 100
111 42.1 20.1 60.2
148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 17.237 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

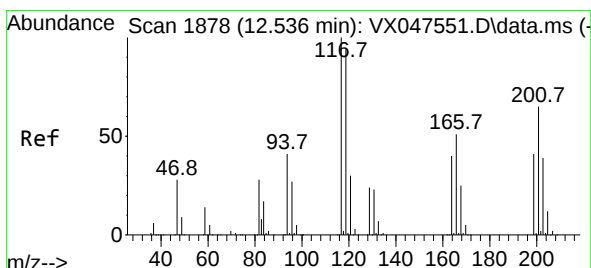
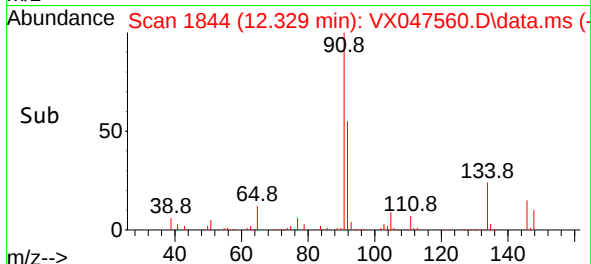
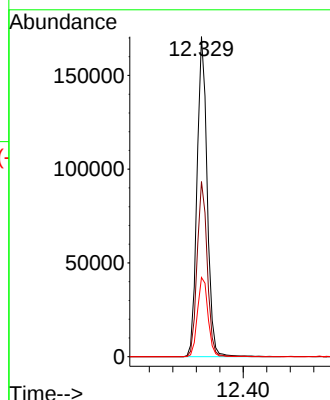
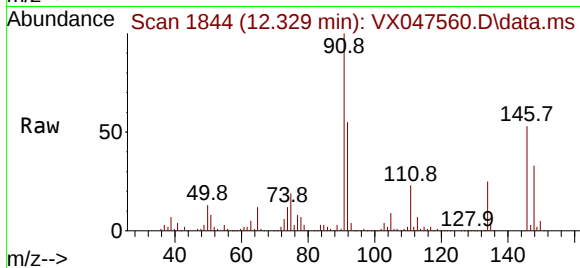
Tgt Ion: 91 Resp: 204725
 Ion Ratio Lower Upper
 91 100
 92 54.6 27.0 81.0
 134 25.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#90

Hexachloroethane

Concen: 16.358 ug/l

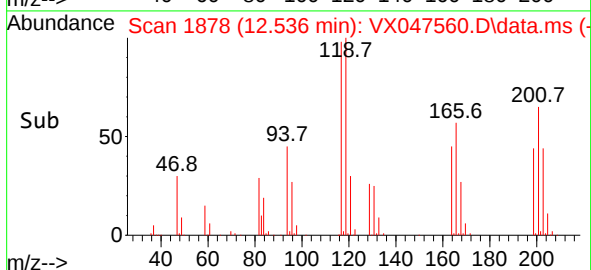
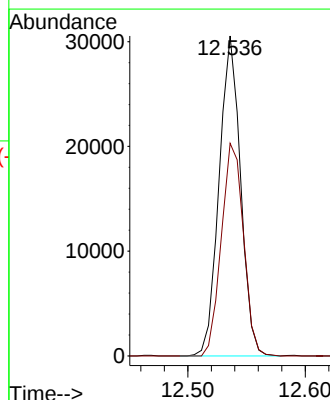
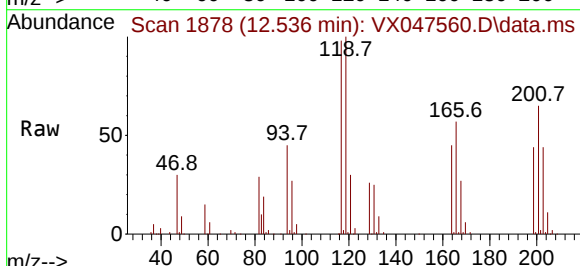
RT: 12.536 min Scan# 1878

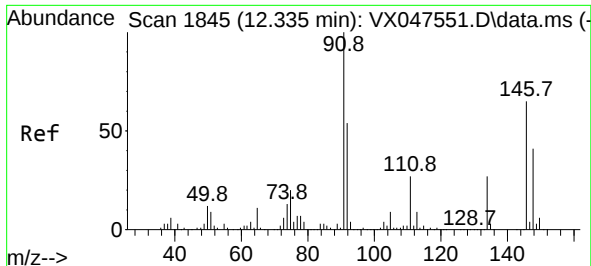
Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

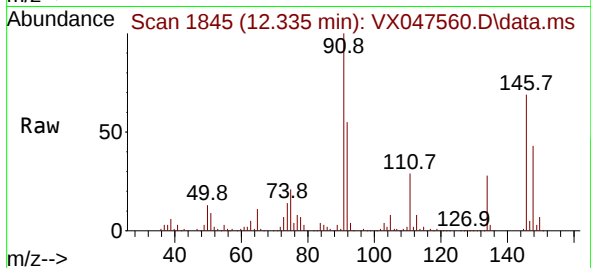
Tgt Ion:117 Resp: 38695
 Ion Ratio Lower Upper
 117 100
 201 68.8 33.7 101.1





#91
1,2-Dichlorobenzene
Concen: 17.201 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

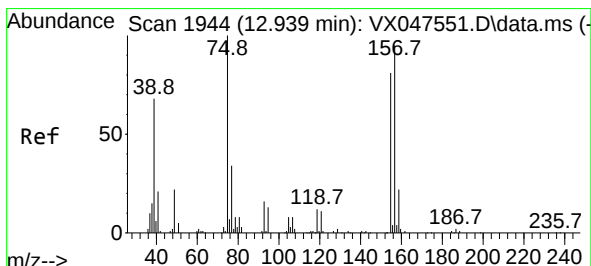
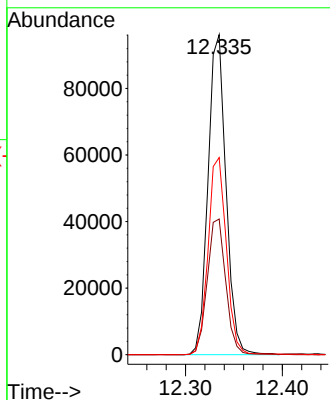
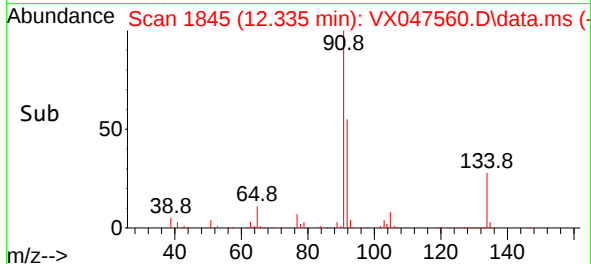
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion:146 Resp: 12443
Ion Ratio Lower Upper
146 100
111 43.8 21.7 65.1
148 62.8 32.0 96.2

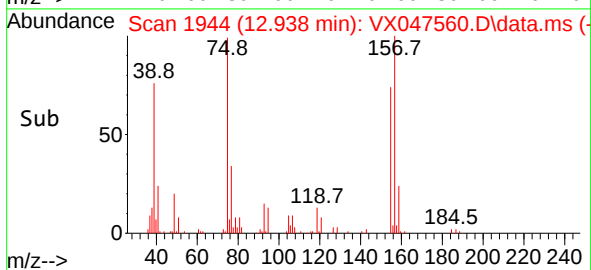
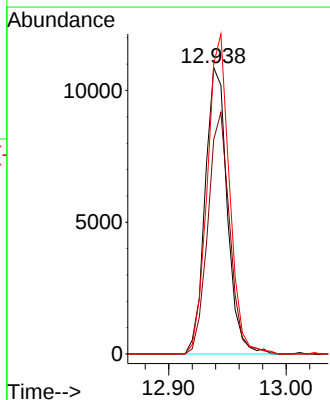
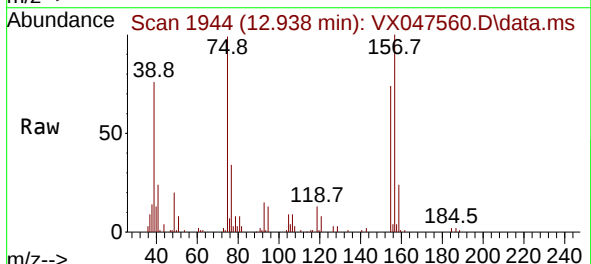
Manual Integrations
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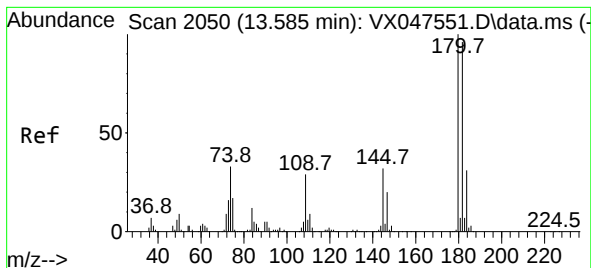
Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.746 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion: 75 Resp: 14212
Ion Ratio Lower Upper
75 100
155 83.2 41.9 125.6
157 111.6 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 17.121 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS01

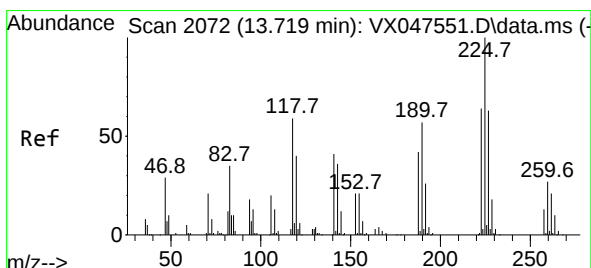
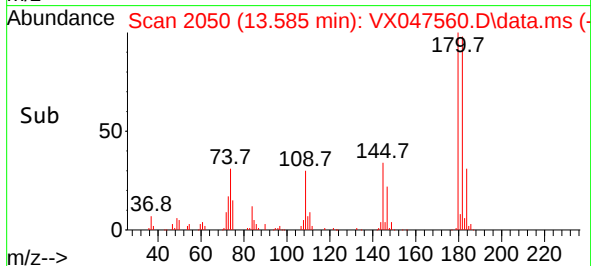
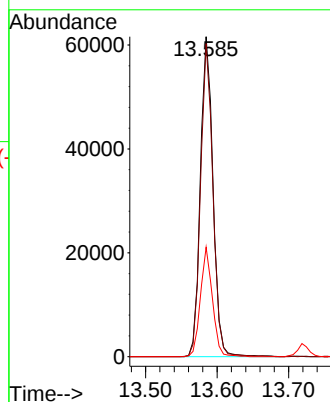
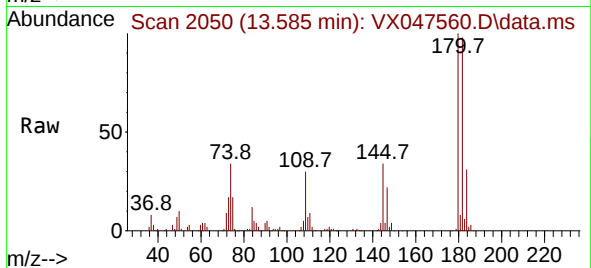
Tgt Ion:180	Resp:	7550
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.7 143.1
145	32.5	16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#94

Hexachlorobutadiene

Concen: 16.385 ug/l

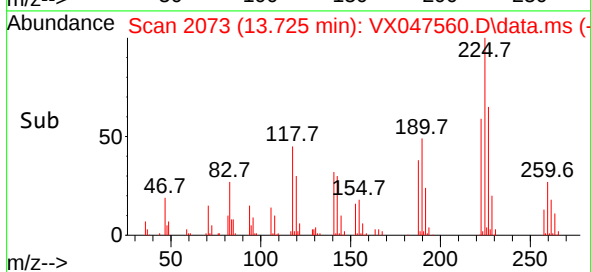
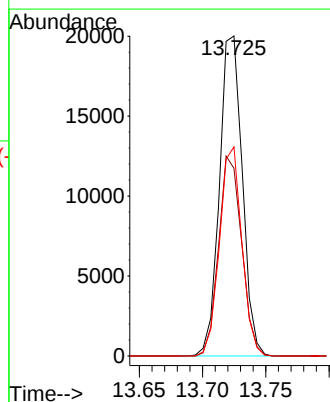
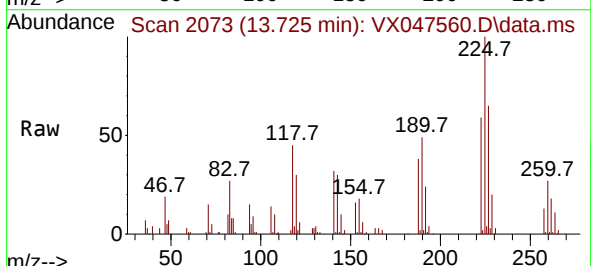
RT: 13.725 min Scan# 2073

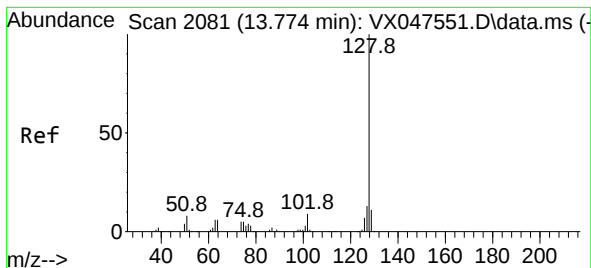
Delta R.T. 0.006 min

Lab File: VX047560.D

Acq: 29 Aug 2025 11:02

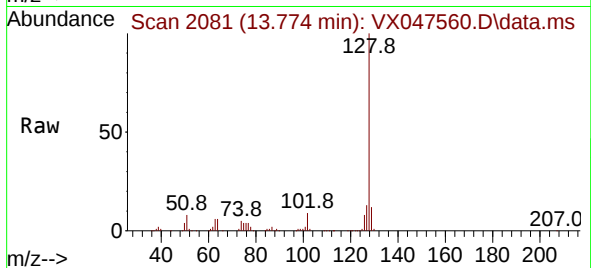
Tgt Ion:225	Resp:	25115
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.1 93.5
227	63.7	31.8 95.3





#95
Naphthalene
Concen: 17.029 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

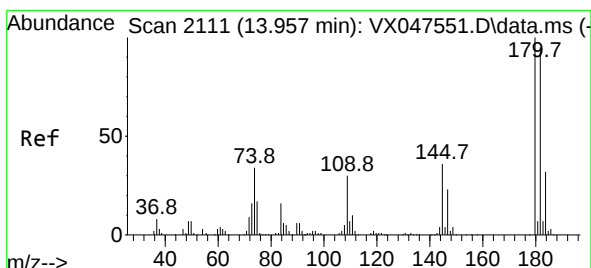
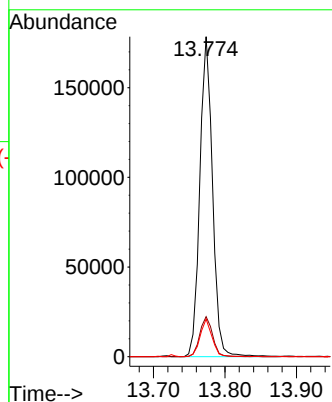
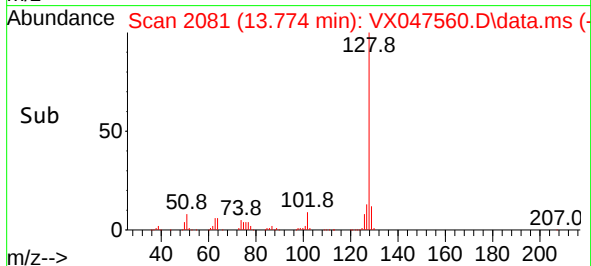
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS01



Tgt Ion:128 Resp: 219510
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/02/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.172 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047560.D
Acq: 29 Aug 2025 11:02

Tgt Ion:180 Resp: 71133
Ion Ratio Lower Upper
180 100
182 94.0 48.1 144.4
145 34.1 17.6 52.9

