

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082225\
 Data File : VX047488.D
 Acq On : 22 Aug 2025 11:51
 Operator : JC/MD
 Sample : VX0822WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Aug 25 01:25:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	237872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	191887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165194	49.621	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.240%		
35) Dibromofluoromethane	5.391	113	131523	47.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.646	98	456106	46.445	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.900%		
62) 4-Bromofluorobenzene	11.079	95	175865	48.529	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	52744	17.394	ug/l	98
3) Chloromethane	1.312	50	47532	17.425	ug/l	96
4) Vinyl Chloride	1.392	62	58135	16.979	ug/l	98
5) Bromomethane	1.629	94	25174	18.203	ug/l	96
6) Chloroethane	1.709	64	38423	18.342	ug/l	96
7) Trichlorofluoromethane	1.904	101	89238	17.621	ug/l	98
8) Diethyl Ether	2.148	74	35832	20.094	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	54922	18.695	ug/l	100
10) Methyl Iodide	2.471	142	67427	13.393	ug/l	93
11) Tert butyl alcohol	2.952	59	31512	108.808	ug/l	100
12) 1,1-Dichloroethene	2.337	96	52068	17.385	ug/l	97
13) Acrolein	2.251	56	69698	114.005	ug/l	99
14) Allyl chloride	2.678	41	96465	18.544	ug/l	99
15) Acrylonitrile	3.080	53	142611	101.905	ug/l	99
16) Acetone	2.391	43	125500	100.292	ug/l	98
17) Carbon Disulfide	2.526	76	155409	17.196	ug/l	98
18) Methyl Acetate	2.715	43	73431	22.645	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	186618	20.482	ug/l	99
20) Methylene Chloride	2.800	84	65902	19.889	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	58310	18.343	ug/l	96
22) Diisopropyl ether	3.769	45	214462	20.857	ug/l	97
23) Vinyl Acetate	3.733	43	860333	102.080	ug/l	99
24) 1,1-Dichloroethane	3.623	63	114442	19.691	ug/l	98
25) 2-Butanone	4.568	43	178570	108.960	ug/l	97
26) 2,2-Dichloropropane	4.489	77	80841	18.429	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	73256	19.786	ug/l	96
28) Bromochloromethane	4.909	49	52380	21.658	ug/l	98
29) Tetrahydrofuran	5.019	42	108404	102.340	ug/l	98
30) Chloroform	5.098	83	119002	20.063	ug/l	95
31) Cyclohexane	5.482	56	97532	18.204	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	95278	18.662	ug/l	97
36) 1,1-Dichloropropene	5.702	75	75313	17.365	ug/l	99
37) Ethyl Acetate	4.720	43	76893	17.077	ug/l	96
38) Carbon Tetrachloride	5.684	117	84801	17.892	ug/l	99
39) Methylcyclohexane	7.384	83	91721	16.954	ug/l	96
40) Benzene	6.043	78	247854	19.092	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	38508	20.281	ug/l	96
42) 1,2-Dichloroethane	6.092	62	89819	19.533	ug/l	99
43) Isopropyl Acetate	6.342	43	125415	19.389	ug/l	99
44) Trichloroethene	7.128	130	60804	18.292	ug/l	100
45) 1,2-Dichloropropane	7.433	63	62569	19.239	ug/l	96
46) Dibromomethane	7.586	93	46002	19.483	ug/l	97
47) Bromodichloromethane	7.823	83	96014	19.616	ug/l	99
48) Methyl methacrylate	7.695	41	64500	19.211	ug/l	98
49) 1,4-Dioxane	7.683	88	13517	414.131	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	377591	101.440	ug/l	96
52) Toluene	8.720	92	151184	18.847	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83940	19.649	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	93740	19.386	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	60466	19.853	ug/l	97
56) Ethyl methacrylate	9.116	69	88578	19.726	ug/l	98
57) 1,3-Dichloropropane	9.305	76	105503	20.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	179653	89.339	ug/l	98
59) 2-Hexanone	9.427	43	252296	97.987	ug/l	98
60) Dibromochloromethane	9.518	129	70934	19.597	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61363	19.538	ug/l	100
64) Tetrachloroethene	9.274	164	49991	17.817	ug/l	98
65) Chlorobenzene	10.079	112	171569	18.612	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	59904	19.223	ug/l	99
67) Ethyl Benzene	10.195	91	293400	18.492	ug/l	99
68) m/p-Xylenes	10.299	106	222278	37.572	ug/l	99
69) o-Xylene	10.640	106	106357	18.681	ug/l	100
70) Styrene	10.652	104	185646	19.298	ug/l	99
71) Bromoform	10.798	173	47070	20.106	ug/l #	98
73) Isopropylbenzene	10.963	105	284187	18.926	ug/l	99
74) N-amyl acetate	10.841	43	107356	18.827	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87989	19.958	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	69461m	19.736	ug/l	
77) Bromobenzene	11.195	156	69957	19.079	ug/l	98
78) n-propylbenzene	11.304	91	336842	18.782	ug/l	100
79) 2-Chlorotoluene	11.359	91	203482	18.769	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233046	18.862	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12143	20.503	ug/l	98
82) 4-Chlorotoluene	11.451	91	240809	18.843	ug/l	100
83) tert-Butylbenzene	11.713	119	235219	19.083	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	237710	19.240	ug/l	99
85) sec-Butylbenzene	11.890	105	293002	19.178	ug/l	100
86) p-Isopropyltoluene	12.006	119	242206	18.735	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	134293	19.171	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	135092	18.751	ug/l	99
89) n-Butylbenzene	12.329	91	228109	18.970	ug/l	99
90) Hexachloroethane	12.536	117	40670	17.932	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	128944	19.393	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16362	19.190	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	83159	18.657	ug/l	99
94) Hexachlorobutadiene	13.719	225	30356	19.133	ug/l	97
95) Naphthalene	13.774	128	248392	19.500	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	80383	19.132	ug/l	100

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ClientSampleId :
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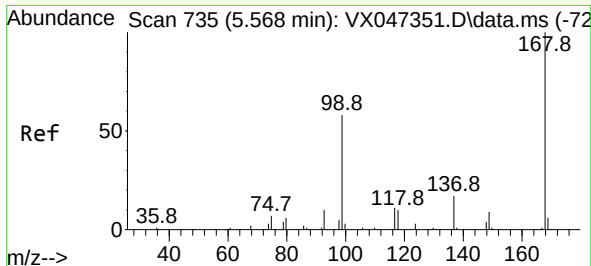
Manual Integrations
APPROVED

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

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Response via : Initial Calibration

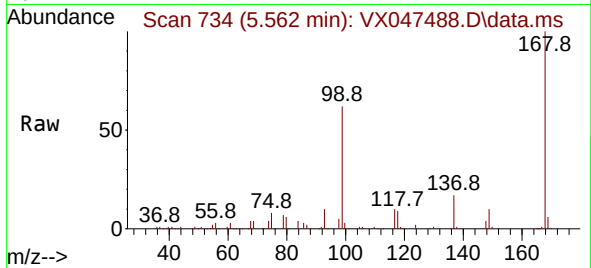
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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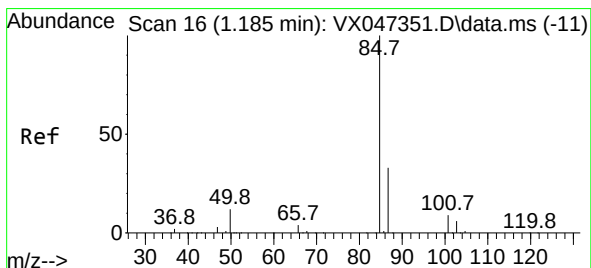
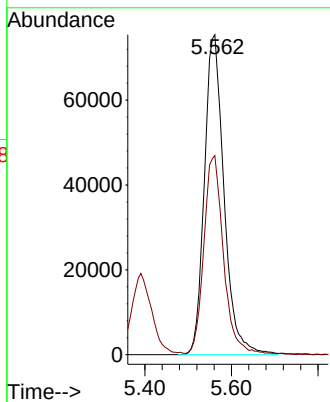
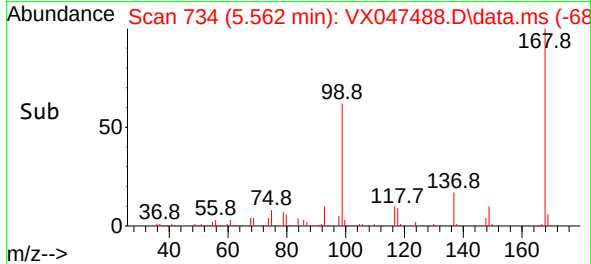
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion:168 Resp: 237872
Ion Ratio Lower Upper
168 100
99 61.8 47.9 71.9

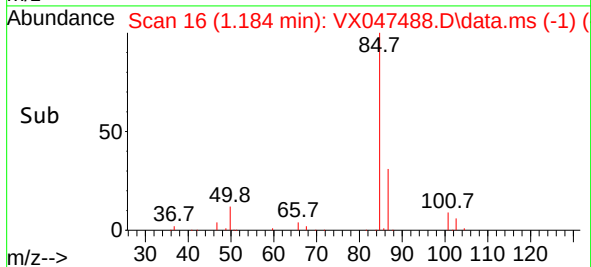
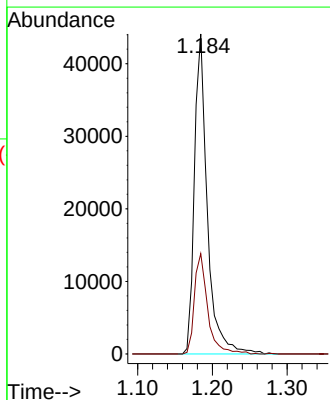
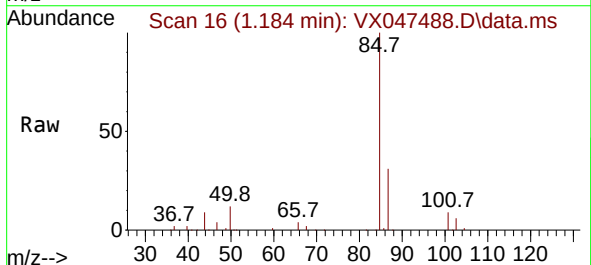
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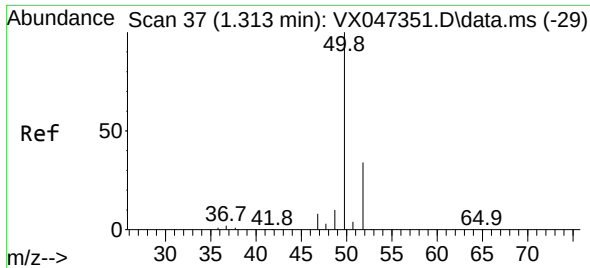
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#2
Dichlorodifluoromethane
Concen: 17.394 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 85 Resp: 52744
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.1





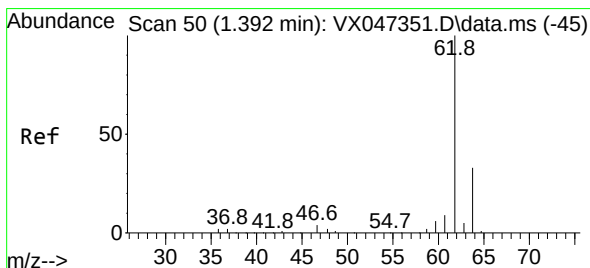
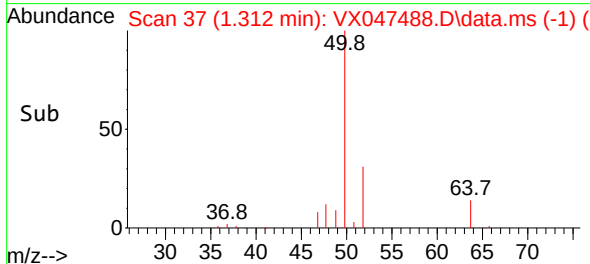
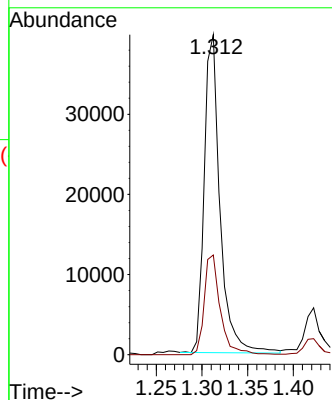
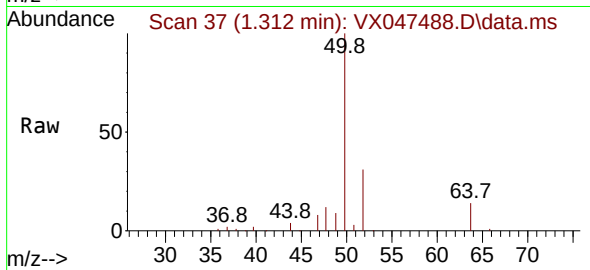
#3
Chloromethane
Concen: 17.425 ug/l
RT: 1.312 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 4753
Ion Ratio Lower Upper
50 100
52 31.4 27.0 40.4

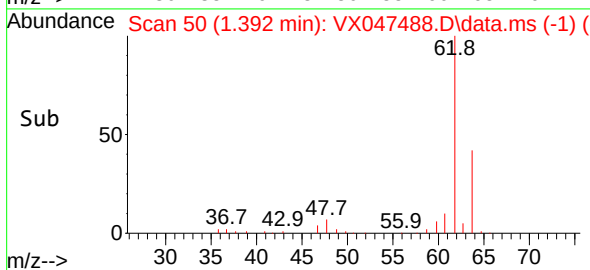
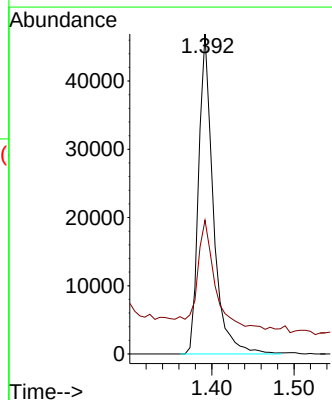
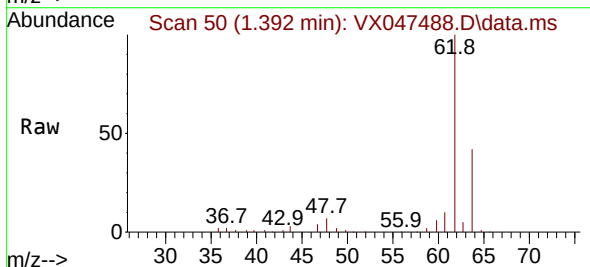
Manual Integrations
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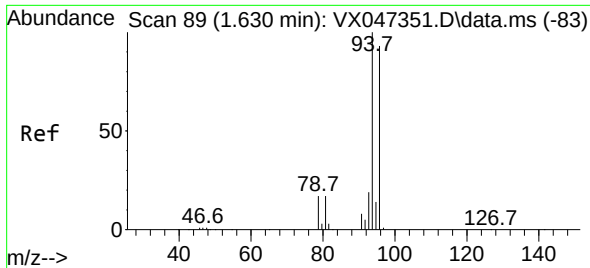
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#4
Vinyl Chloride
Concen: 16.979 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047488.D
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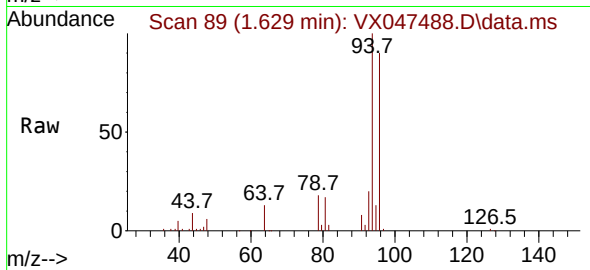
Tgt Ion: 62 Resp: 58135
Ion Ratio Lower Upper
62 100
64 34.0 26.5 39.7





#5
Bromomethane
Concen: 18.203 ug/l
RT: 1.629 min Scan# 89
Delta R.T. -0.000 min
Lab File: VX047488.D
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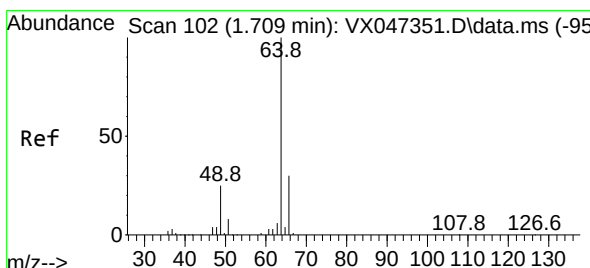
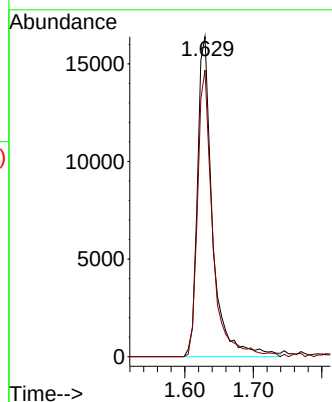
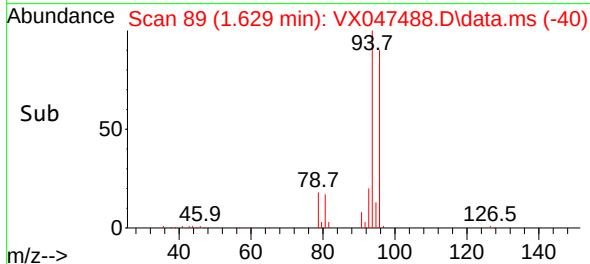
Instrument :
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Tgt Ion: 94 Resp: 25174
Ion Ratio Lower Upper
94 100
96 89.6 74.7 112.1

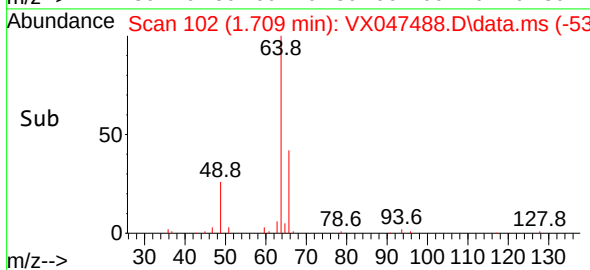
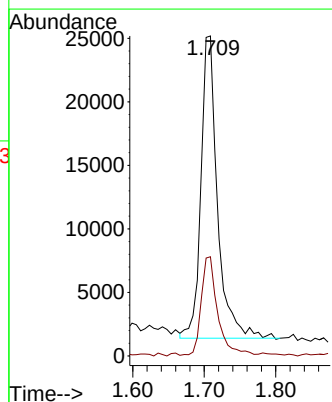
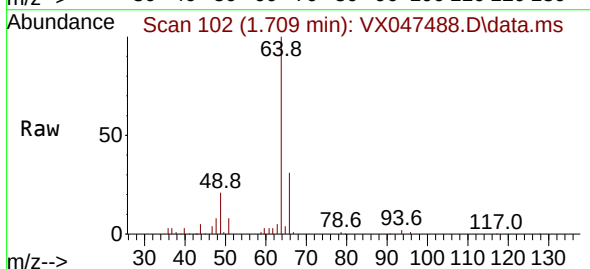
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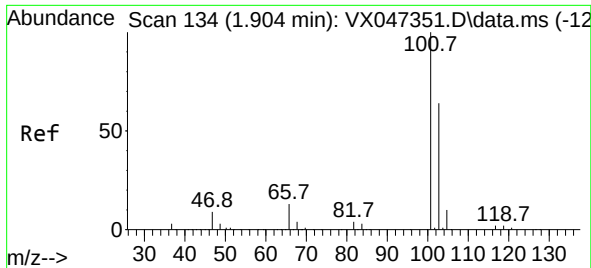
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#6
Chloroethane
Concen: 18.342 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
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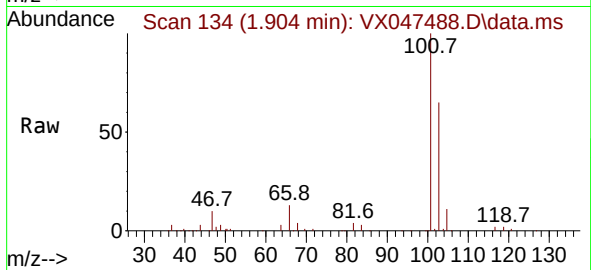
Tgt Ion: 64 Resp: 38423
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6





#7
Trichlorofluoromethane
Concen: 17.621 ug/l
RT: 1.904 min Scan# 134
Delta R.T. -0.000 min
Lab File: VX047488.D
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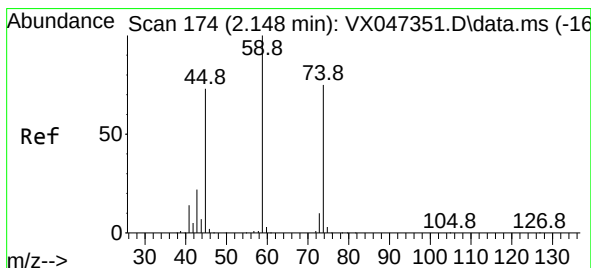
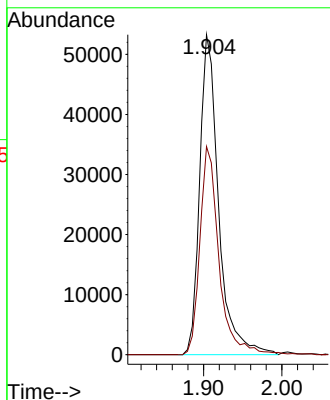
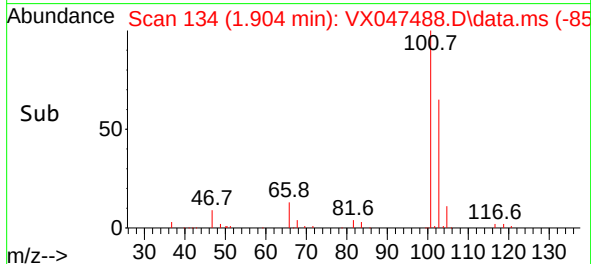
Instrument :
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VX0822WBSD01



Tgt Ion:101 Resp: 89238
Ion Ratio Lower Upper
101 100
103 65.1 50.9 76.3

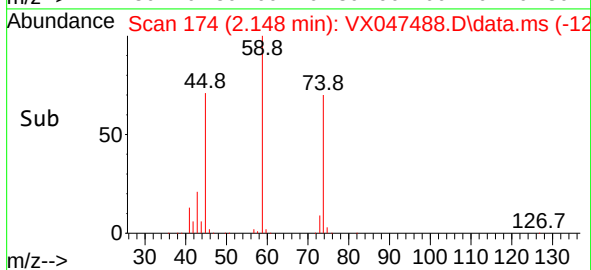
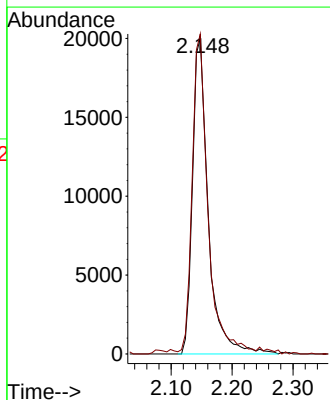
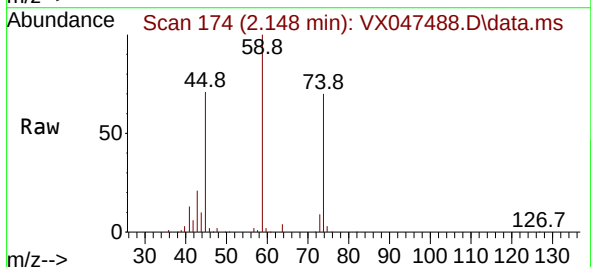
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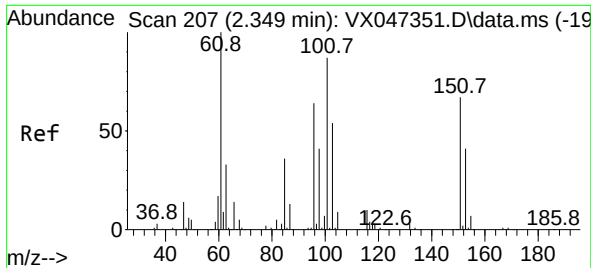
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#8
Diethyl Ether
Concen: 20.094 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
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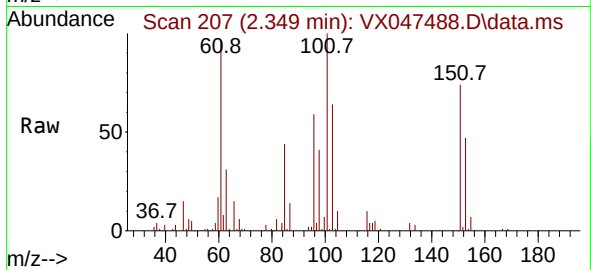
Tgt Ion: 74 Resp: 35832
Ion Ratio Lower Upper
74 100
45 98.9 51.3 154.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.695 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047488.D
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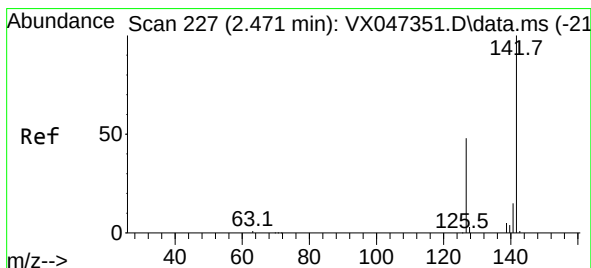
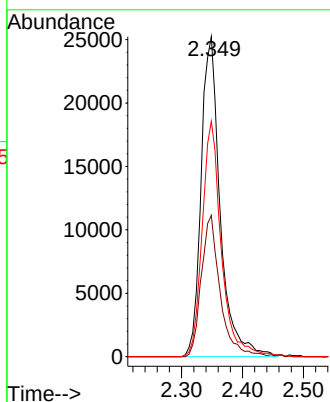
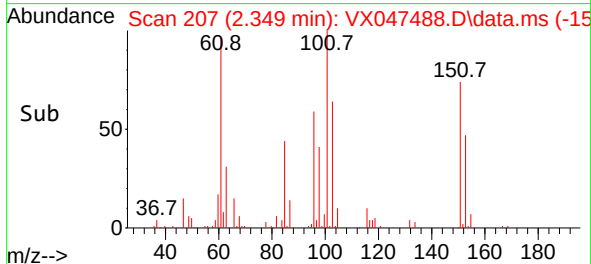
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion:101 Resp: 5492
Ion Ratio Lower Upper
101 100
85 43.5 34.3 51.5
151 73.9 59.2 88.8

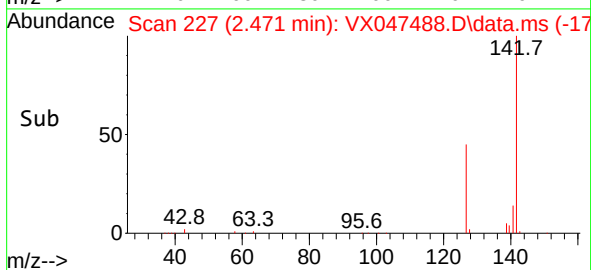
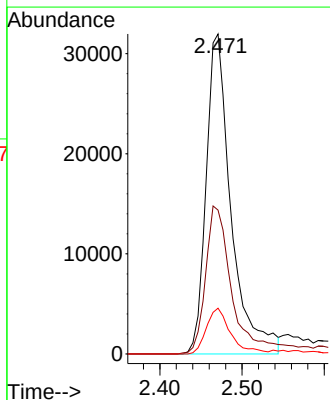
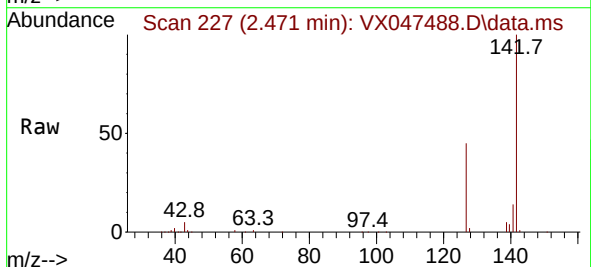
Manual Integrations
APPROVED

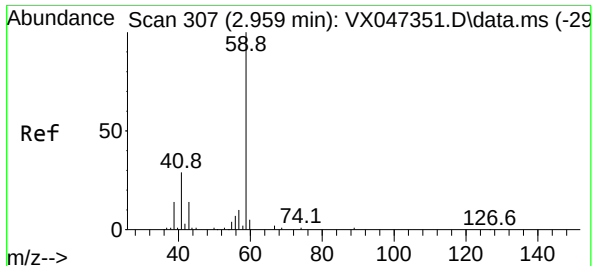
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#10
Methyl Iodide
Concen: 13.393 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion:142 Resp: 67427
Ion Ratio Lower Upper
142 100
127 51.0 36.1 54.1
141 13.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 108.808 ug/l

RT: 2.952 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

Tgt Ion: 59 Resp: 3151

Ion Ratio Lower Upper

59 100

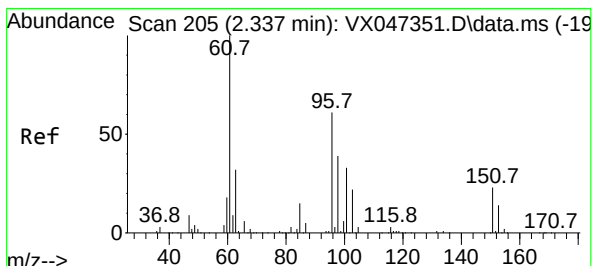
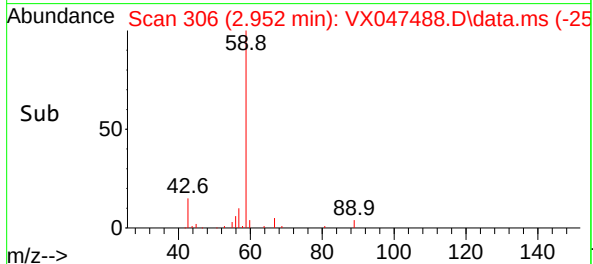
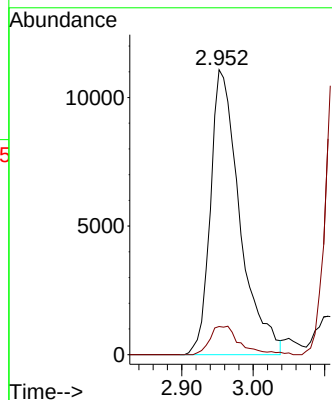
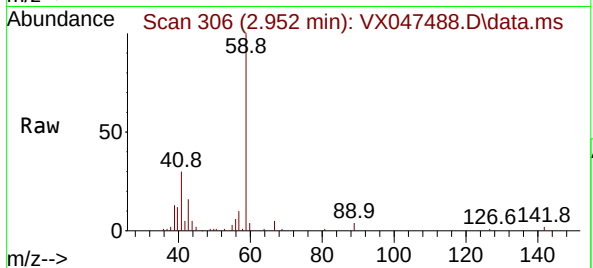
57 10.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#12

1,1-Dichloroethene

Concen: 17.385 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

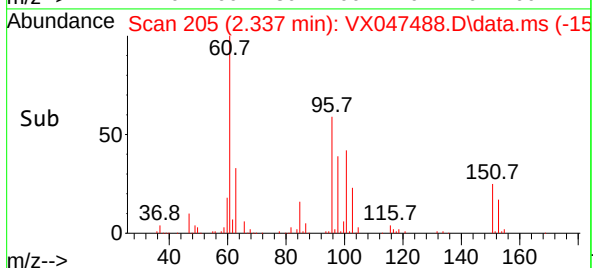
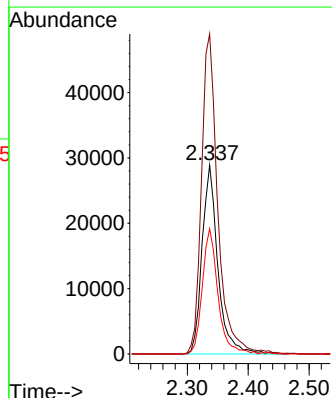
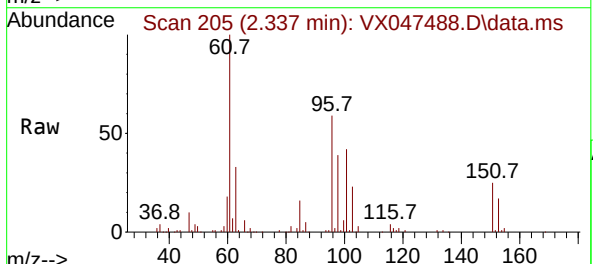
Tgt Ion: 96 Resp: 52068

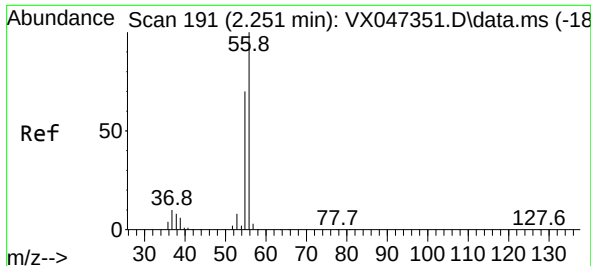
Ion Ratio Lower Upper

96 100

61 169.5 132.2 198.2

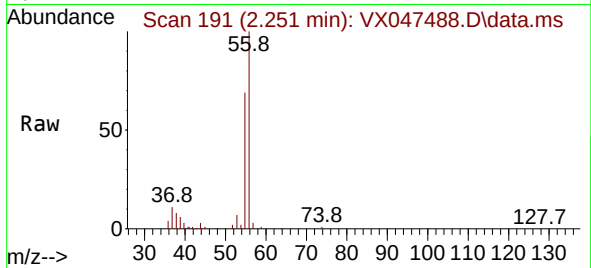
98 66.3 51.2 76.8





#13
Acrolein
Concen: 114.005 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

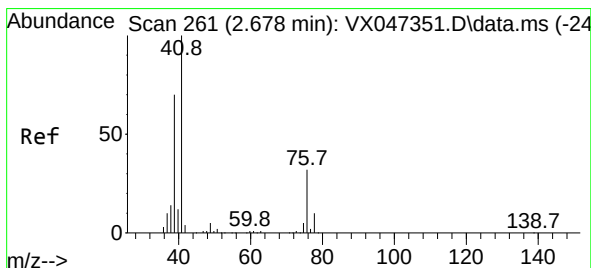
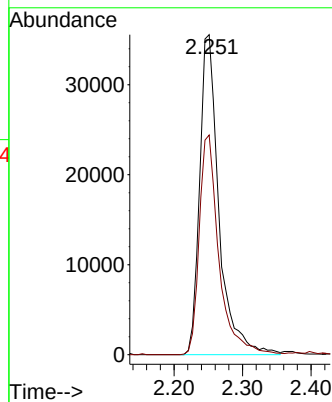
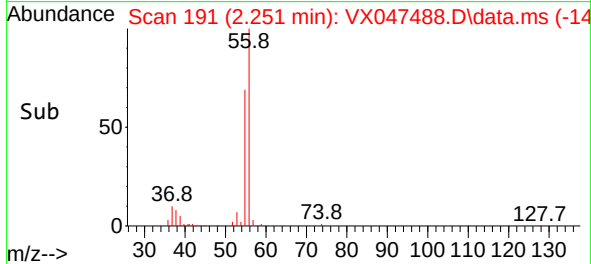
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion: 56 Resp: 69698
Ion Ratio Lower Upper
56 100
55 70.2 55.5 83.3

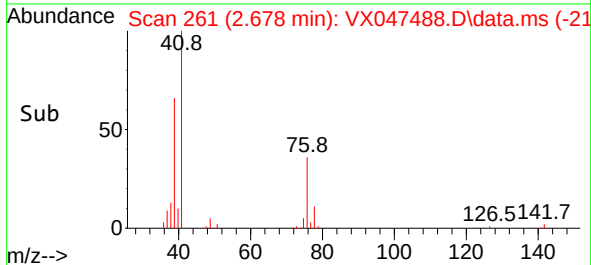
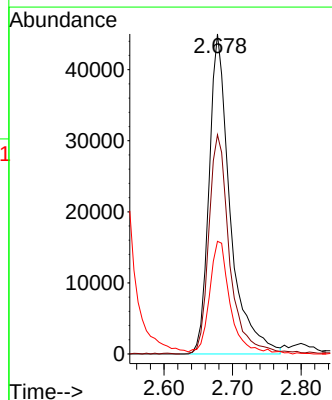
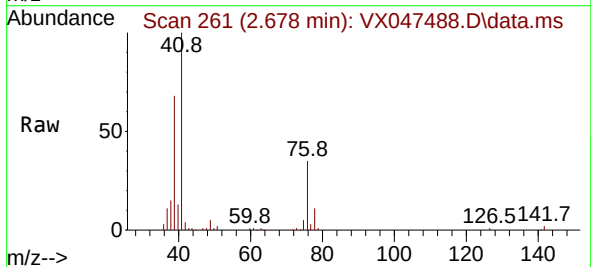
Manual Integrations
APPROVED

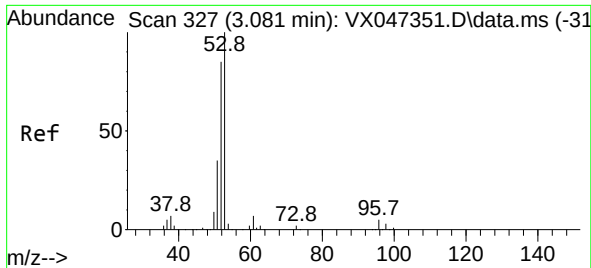
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#14
Allyl chloride
Concen: 18.544 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

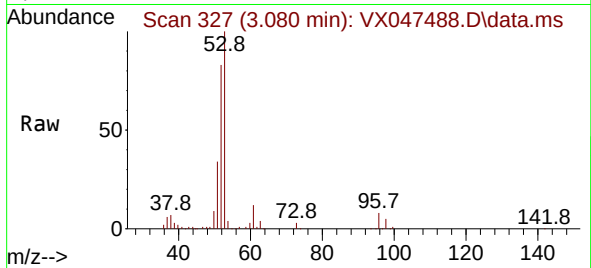
Tgt Ion: 41 Resp: 96465
Ion Ratio Lower Upper
41 100
39 67.7 54.6 81.8
76 34.8 27.6 41.4





#15
Acrylonitrile
Concen: 101.905 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

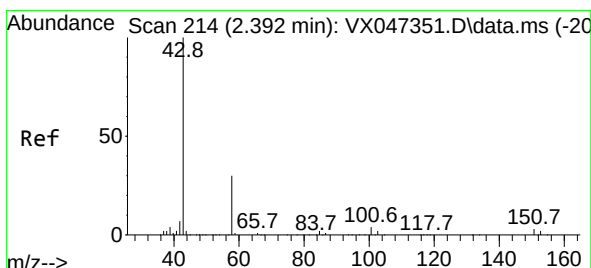
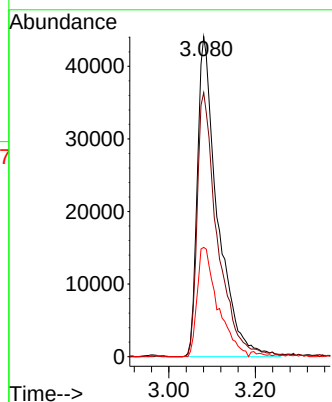
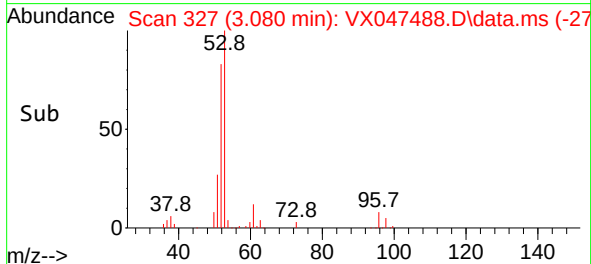
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



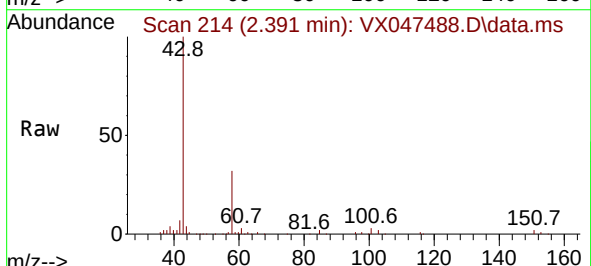
Tgt Ion: 53 Resp: 14261
Ion Ratio Lower Upper
53 100
52 82.9 65.8 98.6
51 35.0 28.2 42.2

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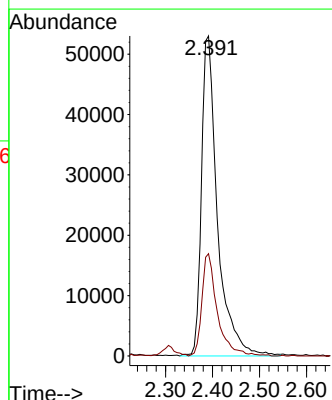
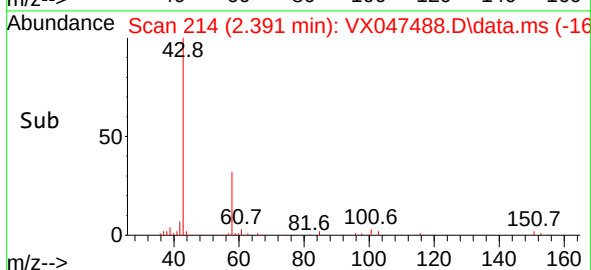
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

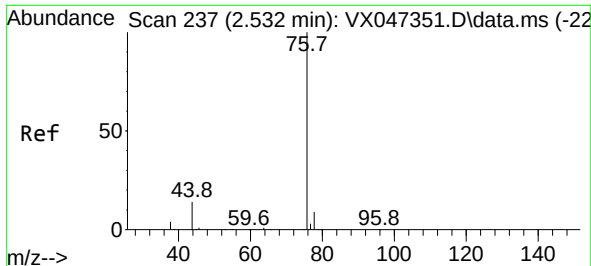


#16
Acetone
Concen: 100.292 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



Tgt Ion: 43 Resp: 125500
Ion Ratio Lower Upper
43 100
58 31.9 24.8 37.2





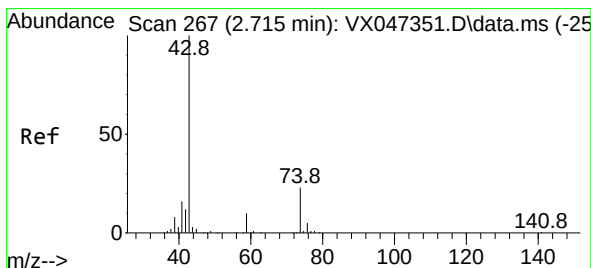
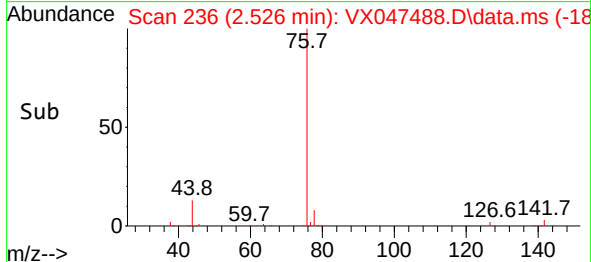
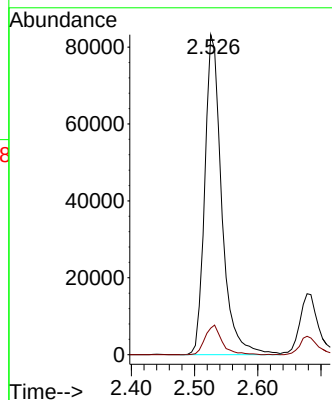
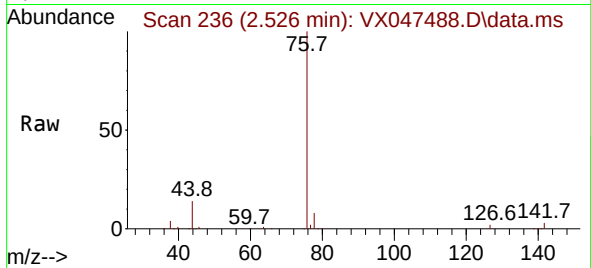
#17
Carbon Disulfide
Concen: 17.196 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion: 76 Resp: 155409
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

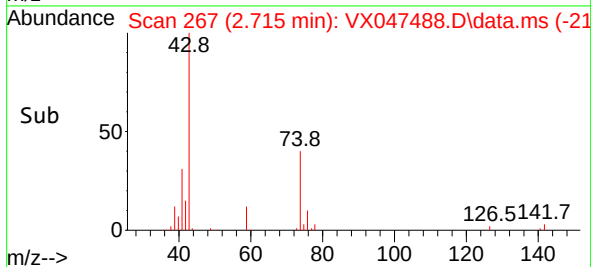
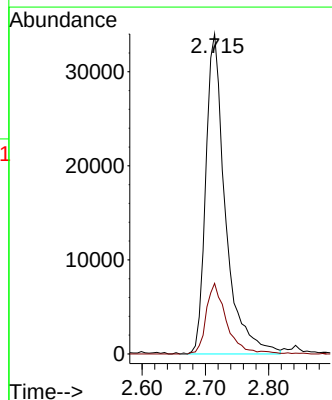
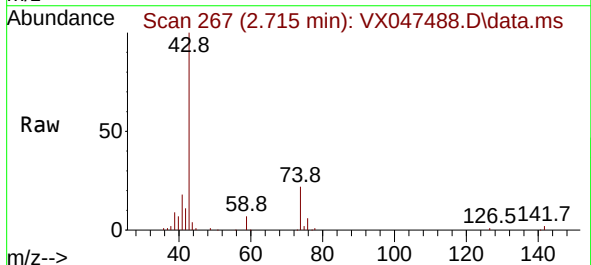
Manual Integrations
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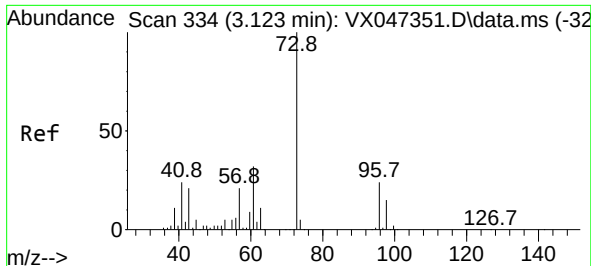
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#18
Methyl Acetate
Concen: 22.645 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

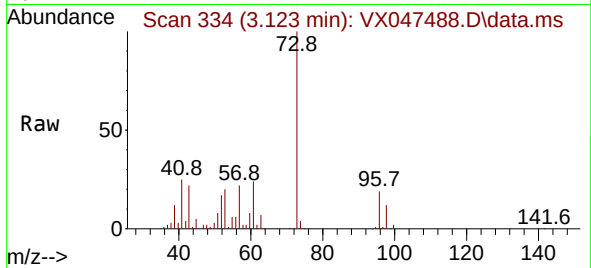
Tgt Ion: 43 Resp: 73431
Ion Ratio Lower Upper
43 100
74 22.9 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 20.482 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

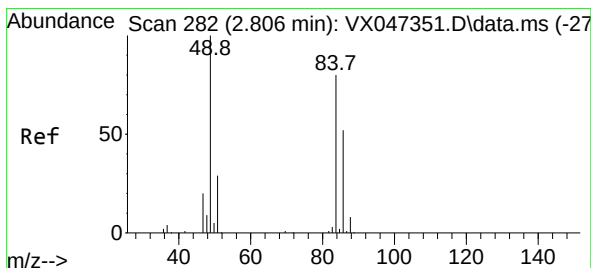
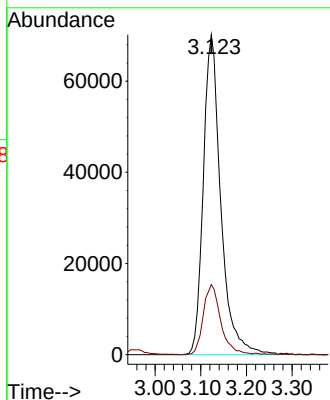
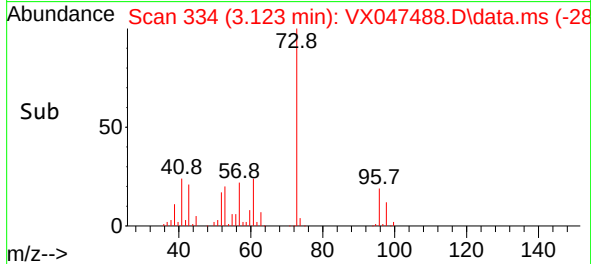
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion: 73 Resp: 186618
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6

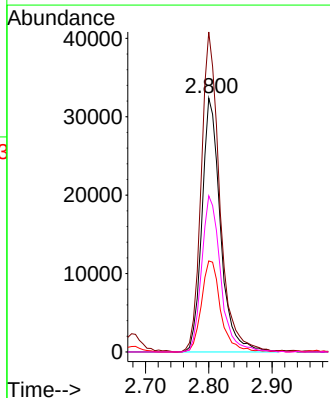
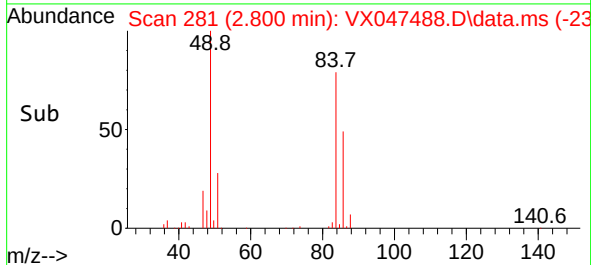
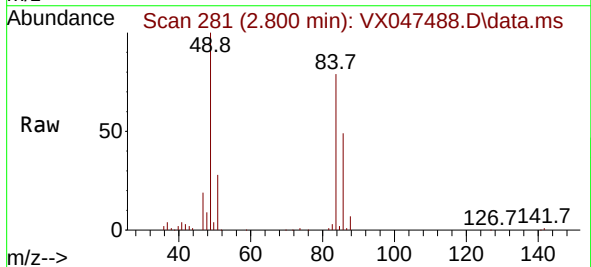
Manual Integrations
APPROVED

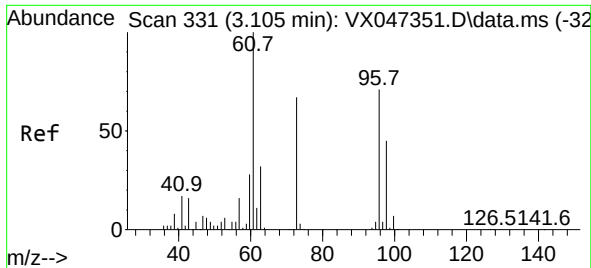
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#20
Methylene Chloride
Concen: 19.889 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

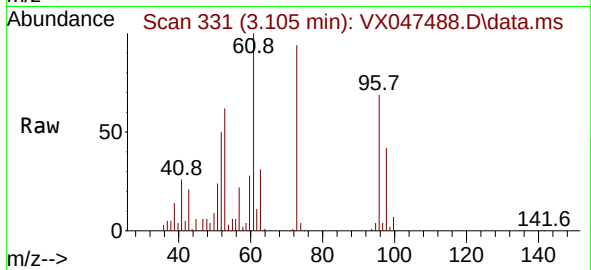
Tgt Ion: 84 Resp: 65902
Ion Ratio Lower Upper
84 100
49 126.0 100.1 150.1
51 35.9 29.5 44.3
86 61.5 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 18.343 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

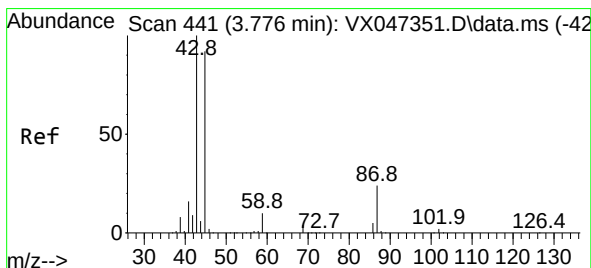
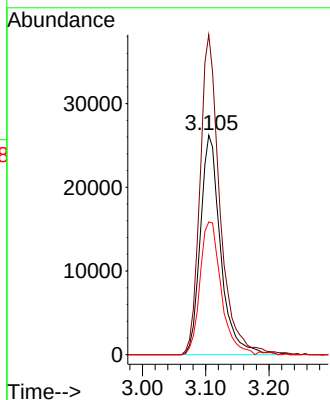
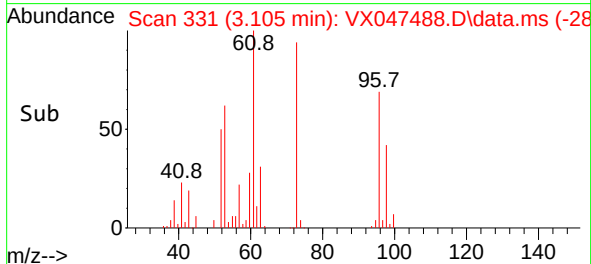
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion: 96 Resp: 58310
Ion Ratio Lower Upper
96 100
61 145.7 112.6 169.0
98 60.5 50.9 76.3

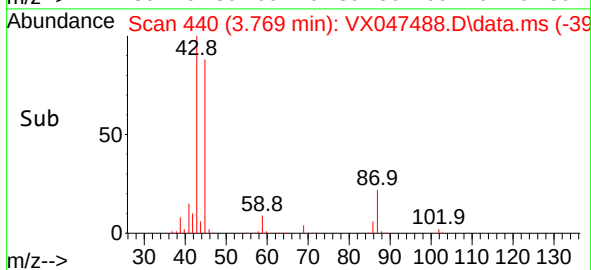
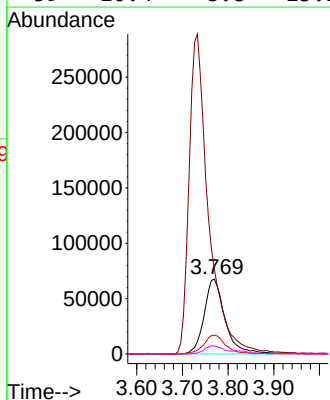
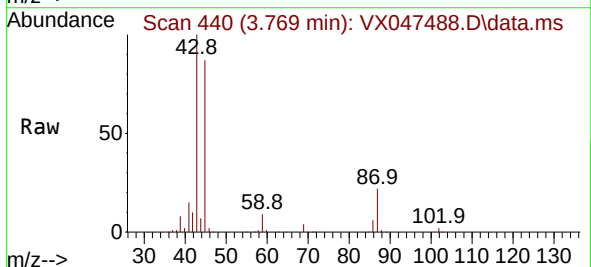
Manual Integrations
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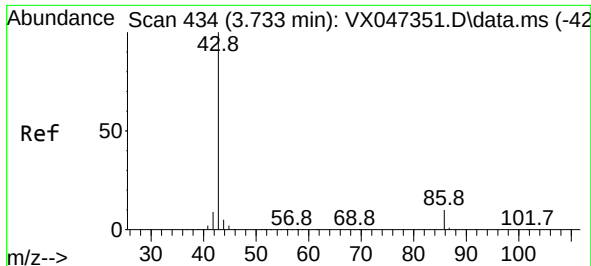
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#22
Diisopropyl ether
Concen: 20.857 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 45 Resp: 214462
Ion Ratio Lower Upper
45 100
43 111.6 86.8 130.2
87 24.9 20.4 30.6
59 10.4 8.8 13.2





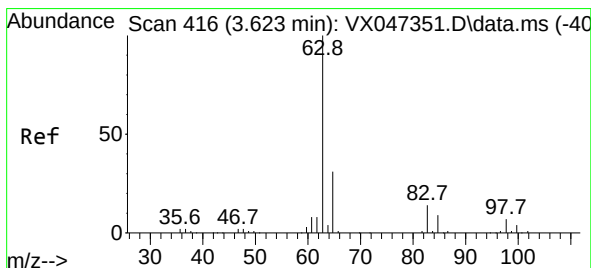
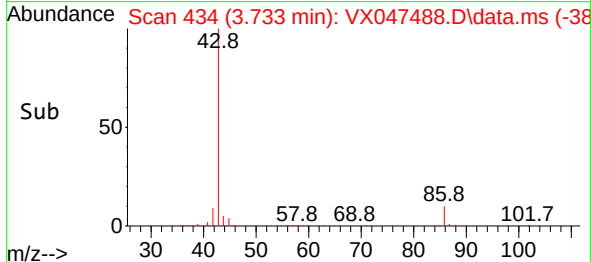
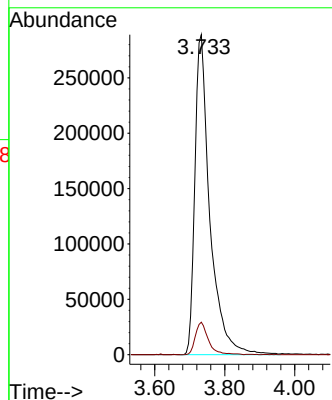
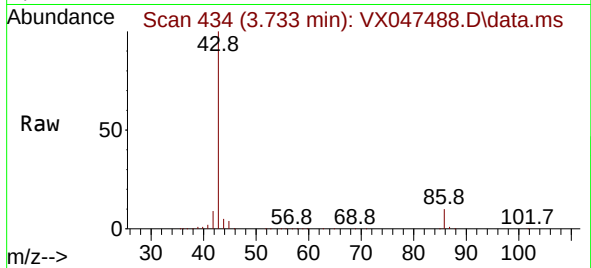
#23
 Vinyl Acetate
 Concen: 102.080 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047488.D
 Acq: 22 Aug 2025 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Tgt Ion: 43 Resp: 86033
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

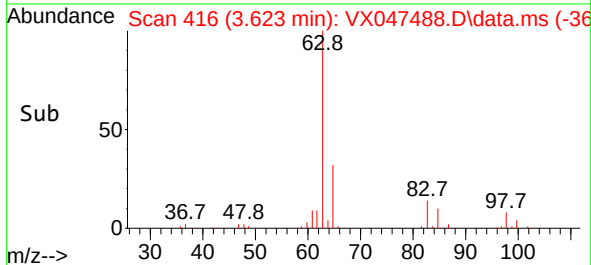
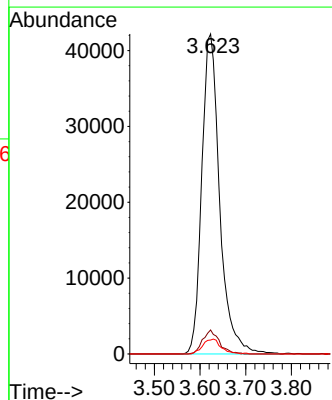
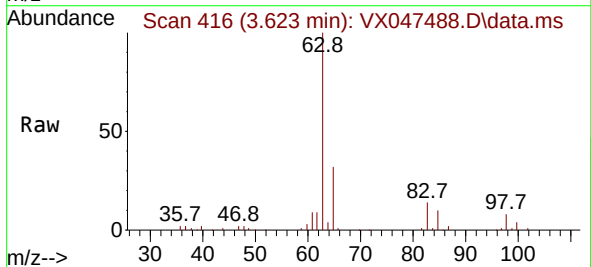
Manual Integrations
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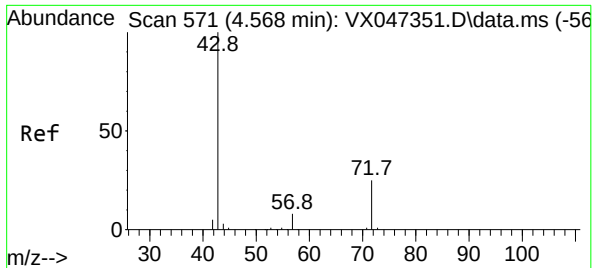
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#24
 1,1-Dichloroethane
 Concen: 19.691 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047488.D
 Acq: 22 Aug 2025 11:51

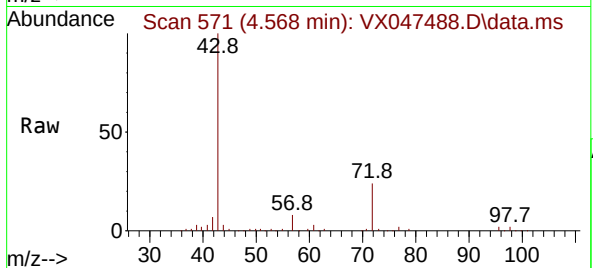
Tgt Ion: 63 Resp: 114442
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.4 2.1 6.3





#25
2-Butanone
Concen: 108.960 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

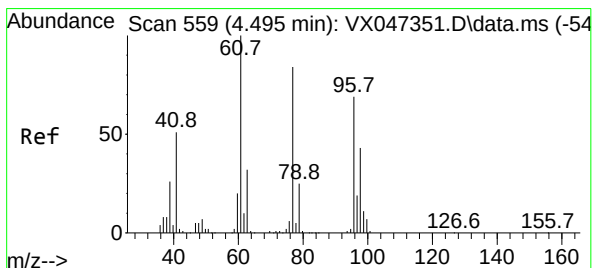
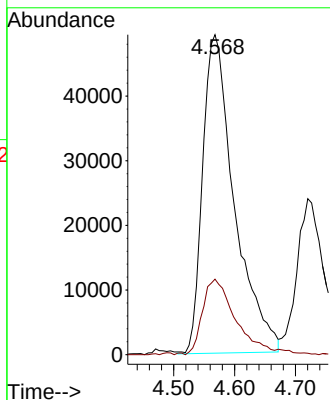
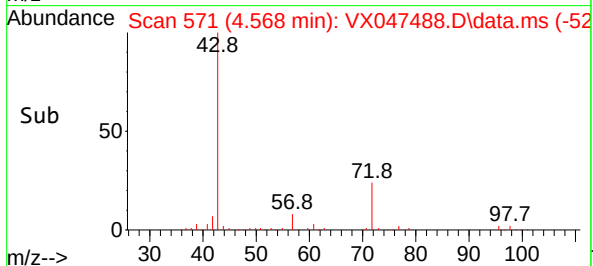
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion: 43 Resp: 178570
Ion Ratio Lower Upper
43 100
72 23.3 19.8 29.8

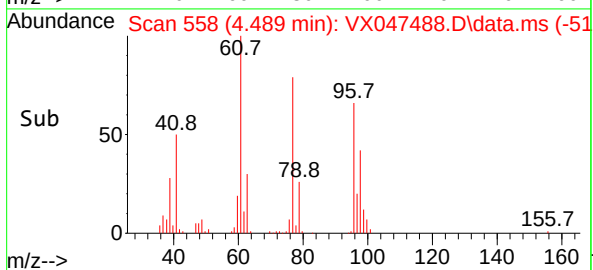
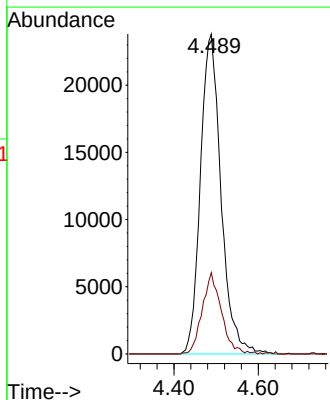
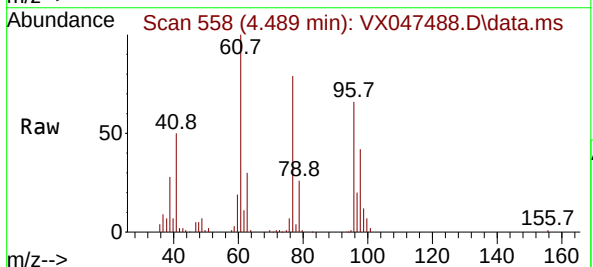
Manual Integrations
APPROVED

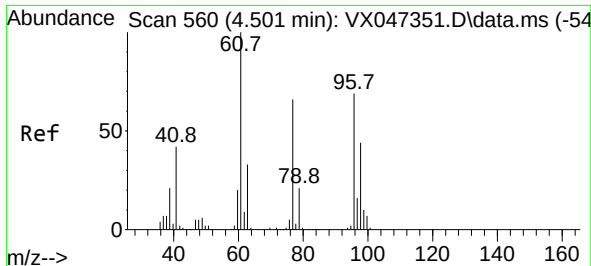
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#26
2,2-Dichloropropane
Concen: 18.429 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 77 Resp: 80841
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.786 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

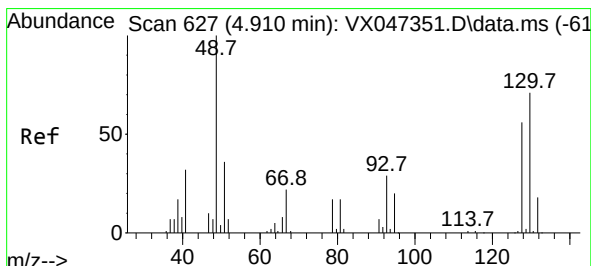
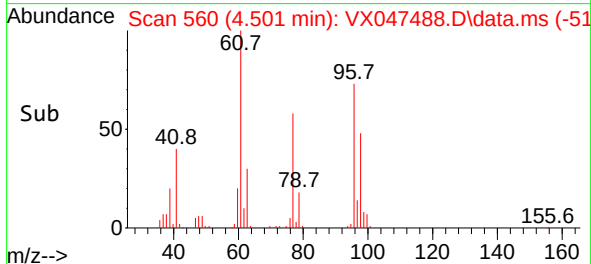
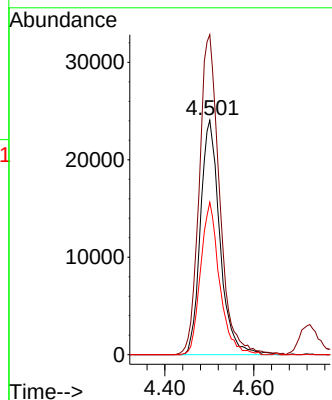
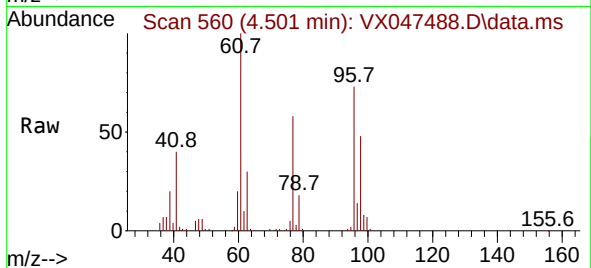
Tgt Ion:	96	Resp:	73250
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	296.6
98	63.4	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#28

Bromochloromethane

Concen: 21.658 ug/l

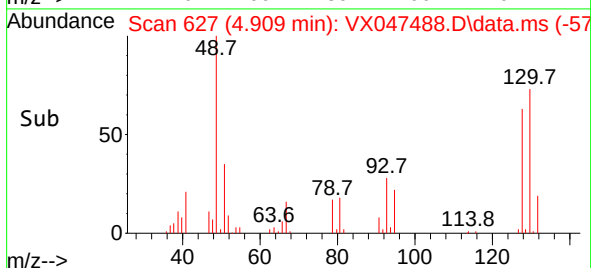
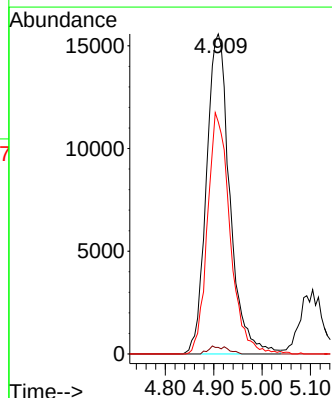
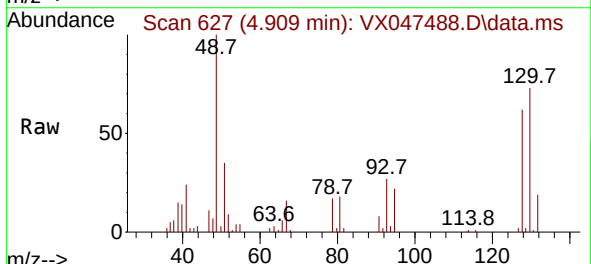
RT: 4.909 min Scan# 627

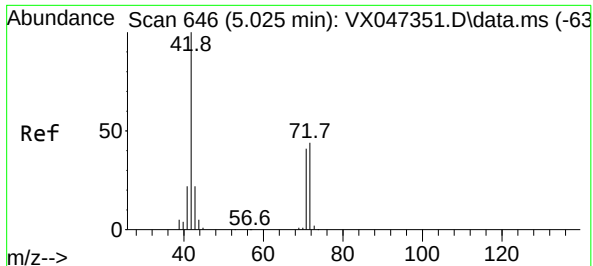
Delta R.T. -0.000 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Tgt Ion:	49	Resp:	52380
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.8	59.8	89.6





#29

Tetrahydrofuran

Concen: 102.340 ug/l

RT: 5.019 min Scan# 646

Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

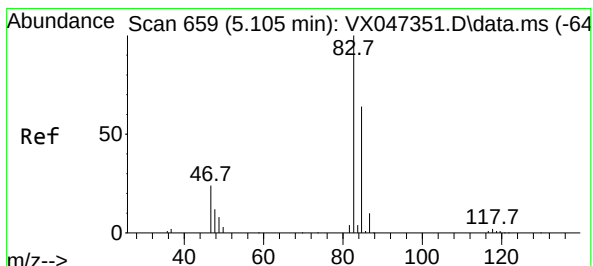
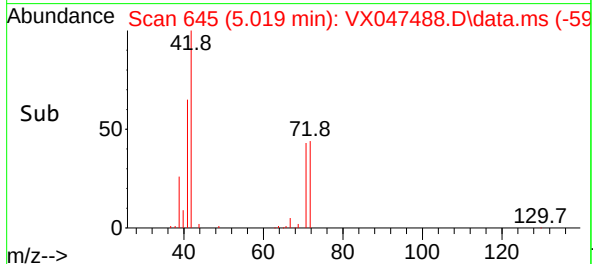
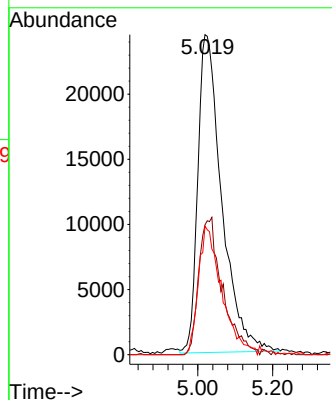
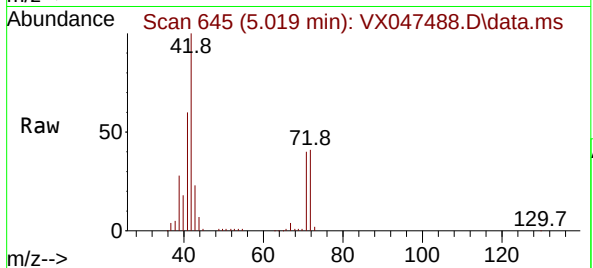
Tgt Ion: 42 Resp: 108404
 Ion Ratio Lower Upper
 42 100
 72 42.7 34.6 51.8
 71 39.3 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#30

Chloroform

Concen: 20.063 ug/l

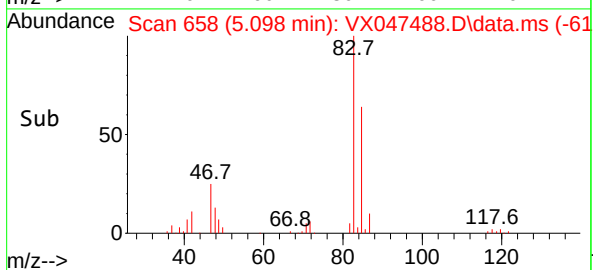
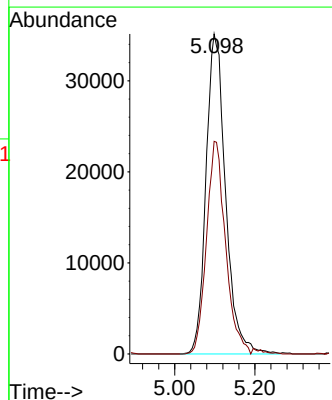
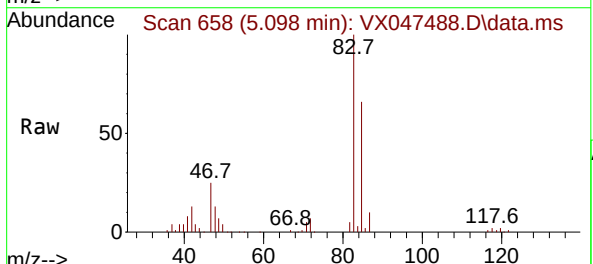
RT: 5.098 min Scan# 658

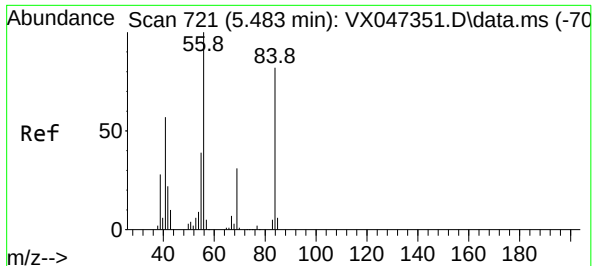
Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

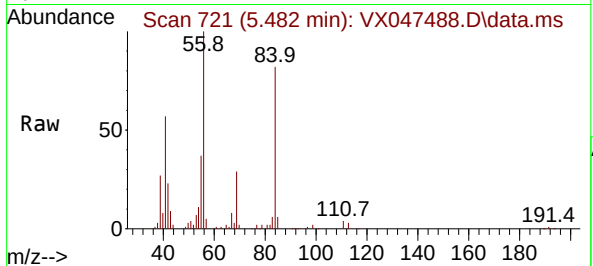
Tgt Ion: 83 Resp: 119002
 Ion Ratio Lower Upper
 83 100
 85 68.0 51.2 76.8





#31
Cyclohexane
Concen: 18.204 ug/l
RT: 5.482 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

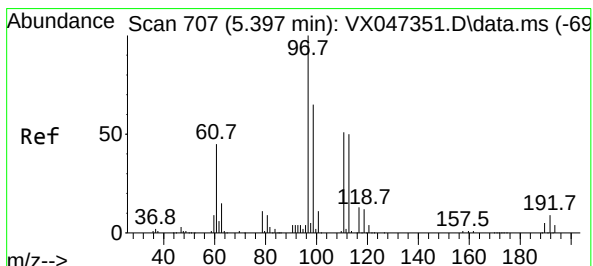
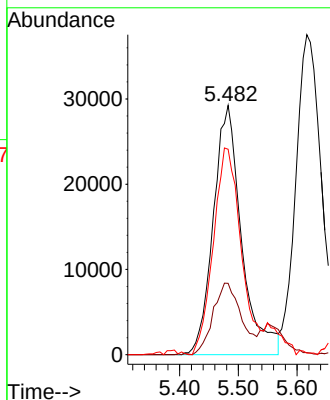
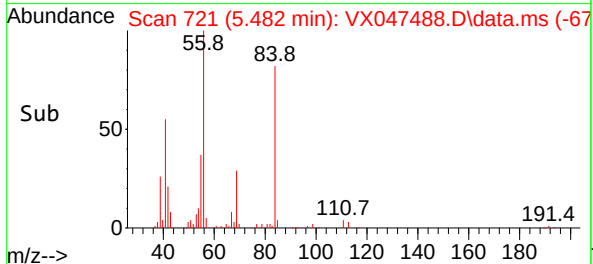
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion: 56 Resp: 97532
Ion Ratio Lower Upper
56 100
69 28.3 24.3 36.5
84 82.1 65.3 97.9

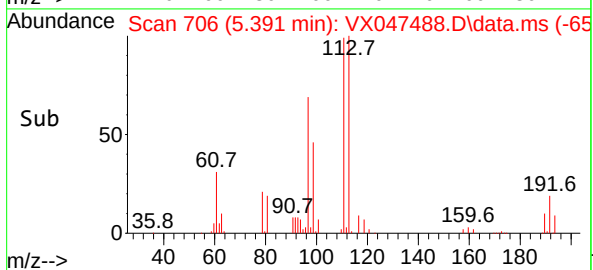
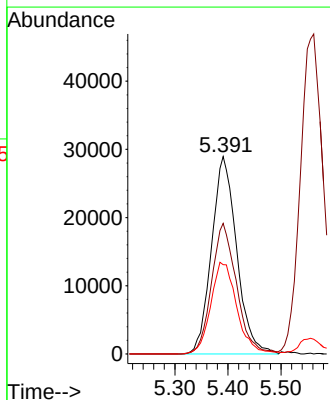
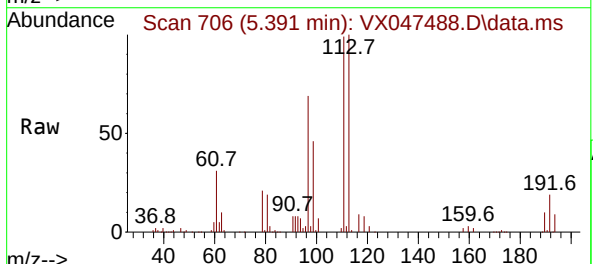
Manual Integrations
APPROVED

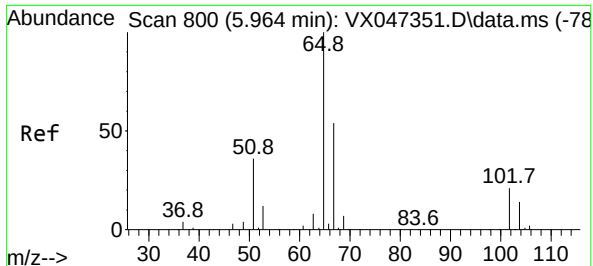
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#32
1,1,1-Trichloroethane
Concen: 18.662 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 97 Resp: 95278
Ion Ratio Lower Upper
97 100
99 65.8 51.4 77.0
61 48.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 49.621 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

Tgt Ion: 65 Resp: 165194

Ion Ratio Lower Upper

65 100

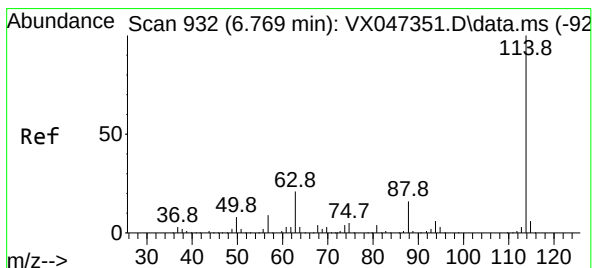
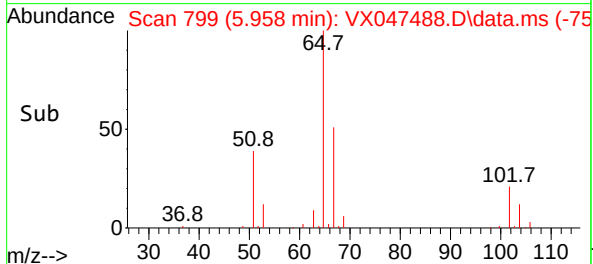
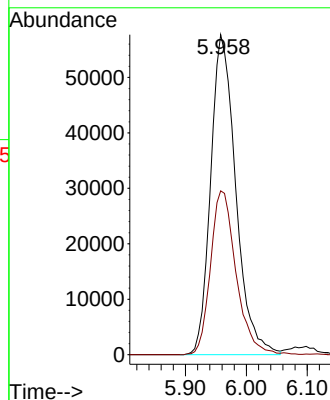
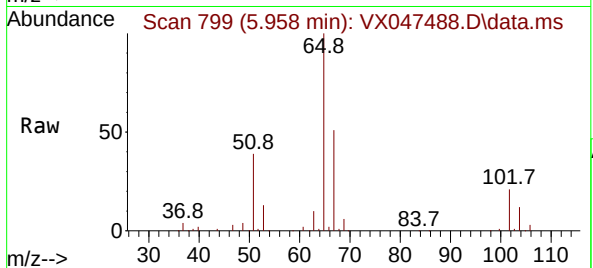
67 52.2 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

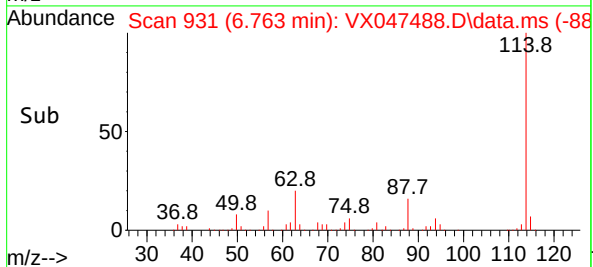
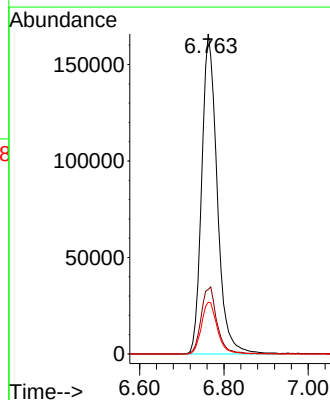
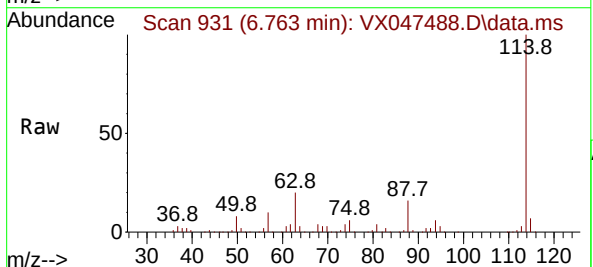
Tgt Ion:114 Resp: 423338

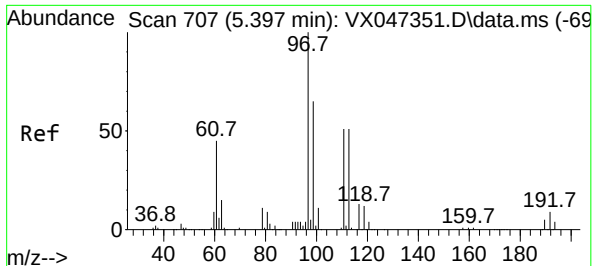
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

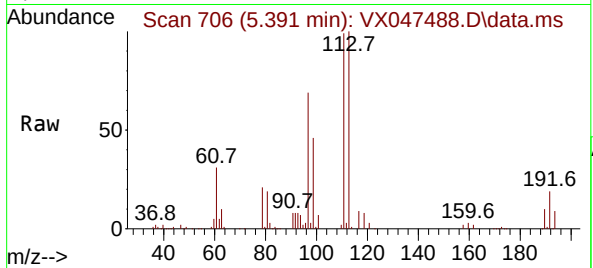
88 16.2 0.0 33.0





#35
Dibromofluoromethane
Concen: 47.870 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

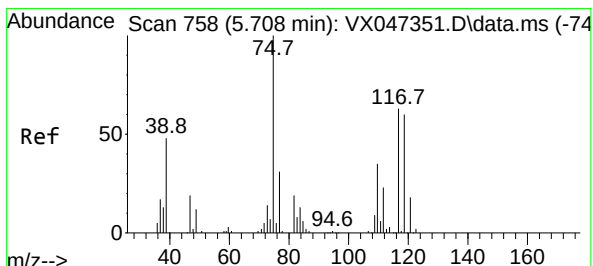
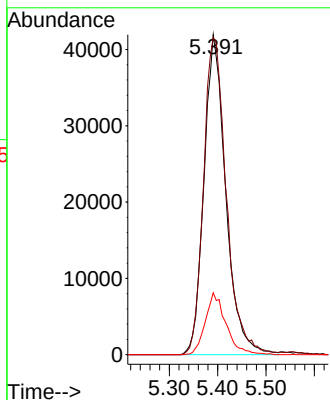
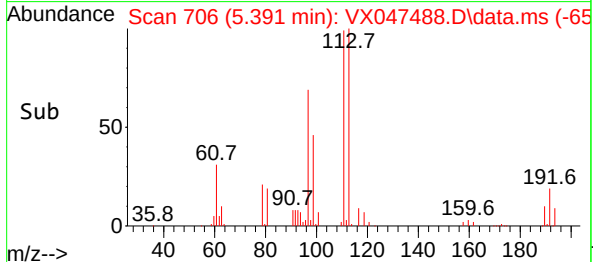
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion: 113 Resp: 13152
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.2
192 18.4 14.1 21.1

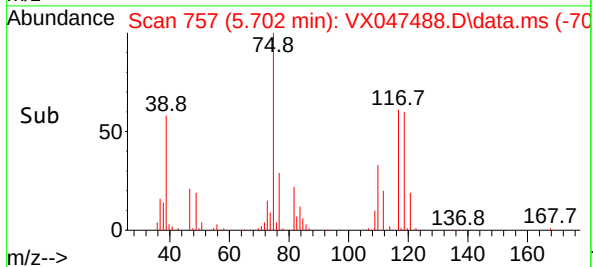
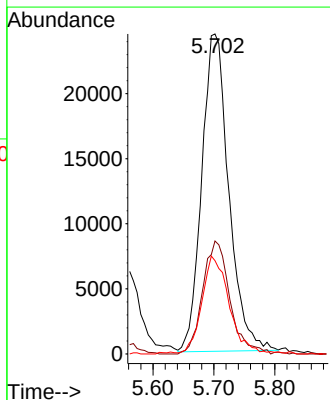
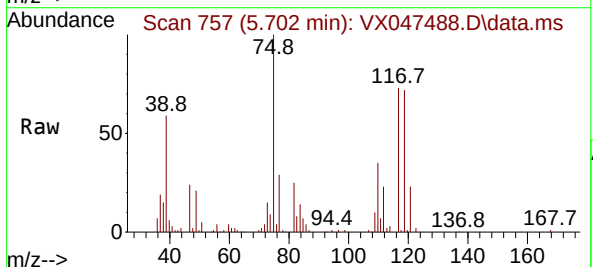
Manual Integrations
APPROVED

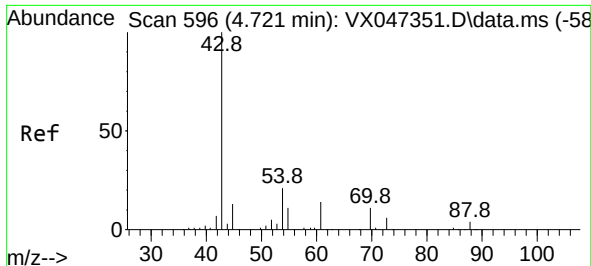
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#36
1,1-Dichloropropene
Concen: 17.365 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 75 Resp: 75313
Ion Ratio Lower Upper
75 100
110 35.7 17.4 52.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 17.077 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

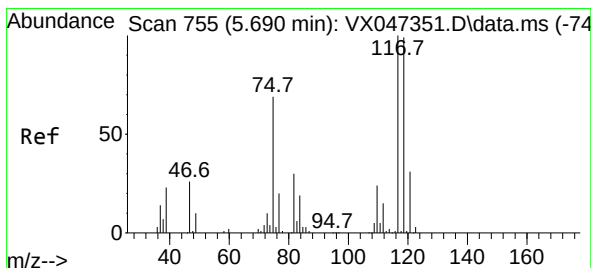
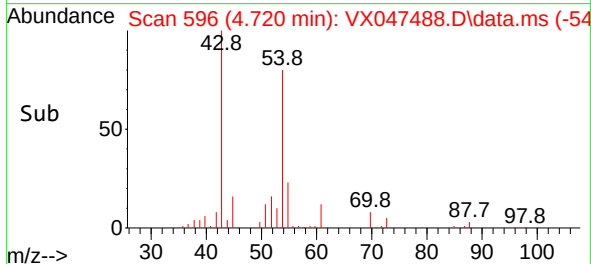
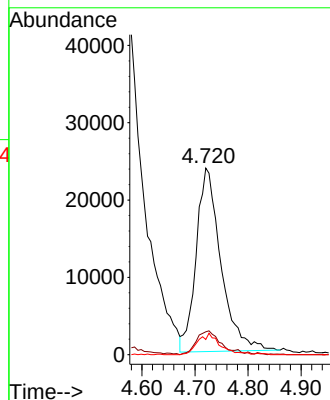
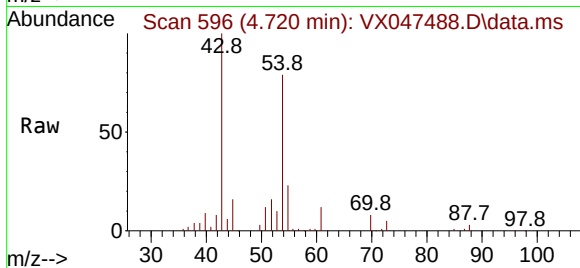
Tgt Ion: 43	Resp: 7689
Ion Ratio	Lower Upper
43 100	
61 13.1	9.4 14.2
70 10.4	7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#38

Carbon Tetrachloride

Concen: 17.892 ug/l

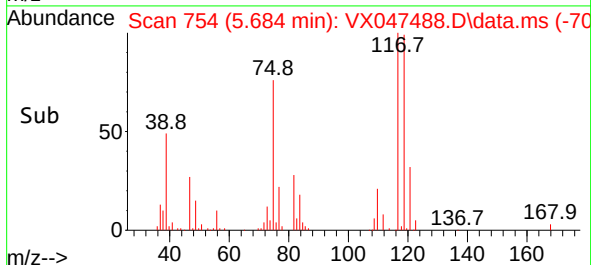
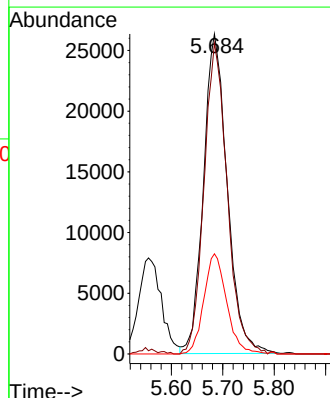
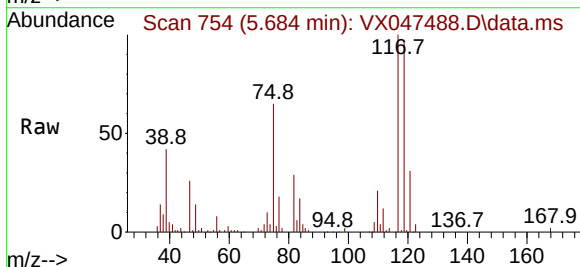
RT: 5.684 min Scan# 754

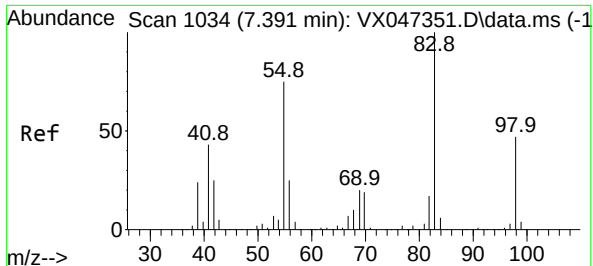
Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Tgt Ion: 117	Resp: 84801
Ion Ratio	Lower Upper
117 100	
119 97.3	78.5 117.7
121 31.3	24.7 37.1





#39

Methylcyclohexane

Concen: 16.954 ug/l

RT: 7.384 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

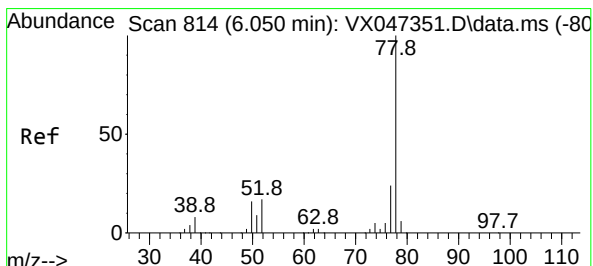
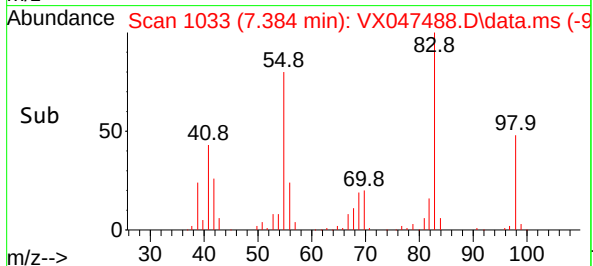
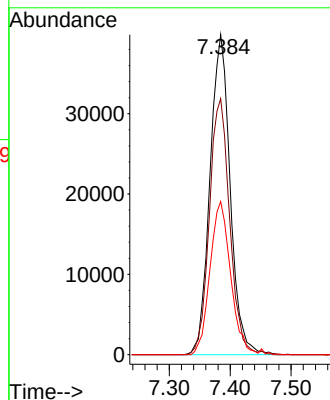
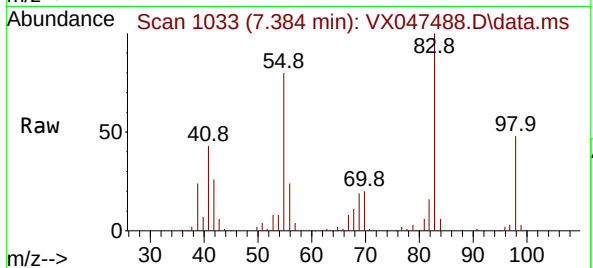
Tgt Ion: 83	Resp: 9172
Ion Ratio	Lower Upper
83	100
55	80.0 60.0 90.0
98	47.9 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#40

Benzene

Concen: 19.092 ug/l

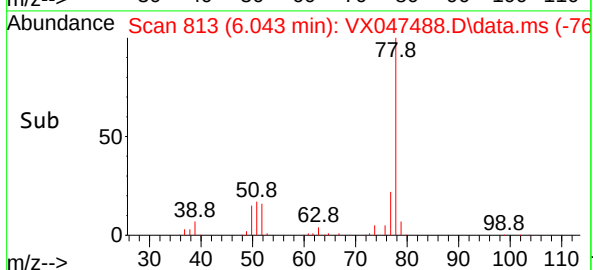
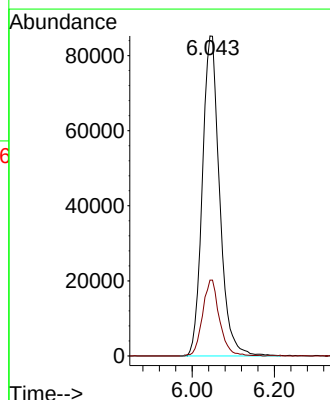
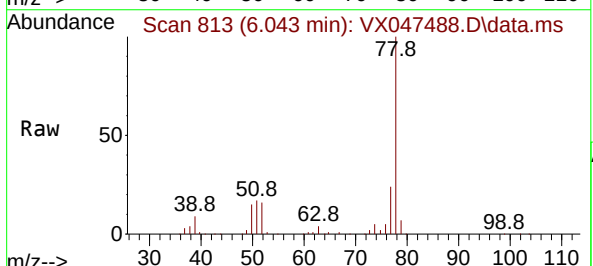
RT: 6.043 min Scan# 813

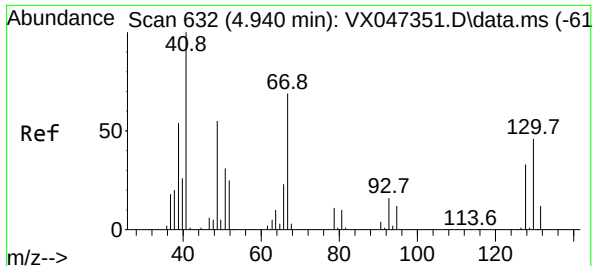
Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

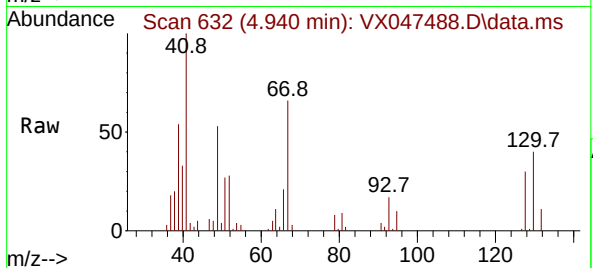
Tgt Ion: 78	Resp: 247854
Ion Ratio	Lower Upper
78	100
77	23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 20.281 ug/l
RT: 4.940 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

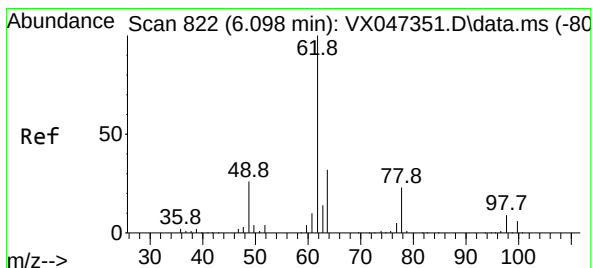
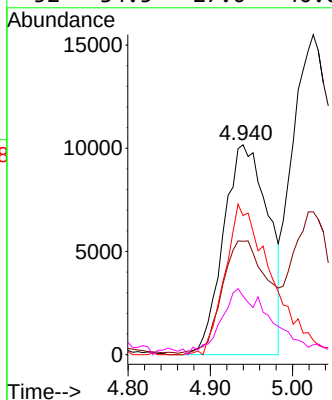
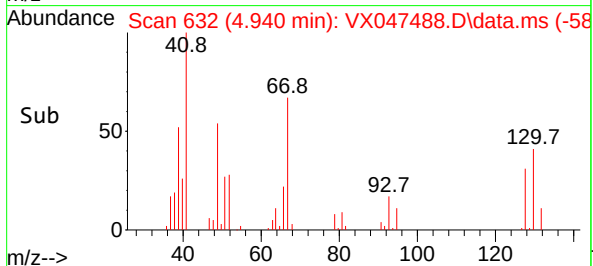
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion: 41 Resp: 38508
Ion Ratio Lower Upper
41 100
39 54.1 45.4 68.2
67 75.0 64.0 96.0
52 34.5 27.0 40.6

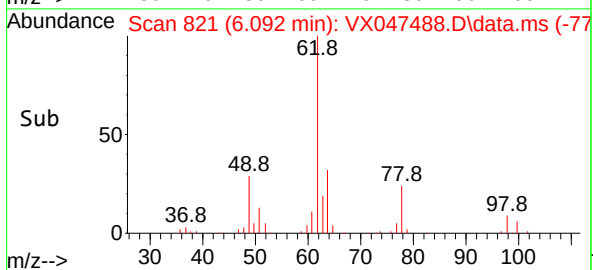
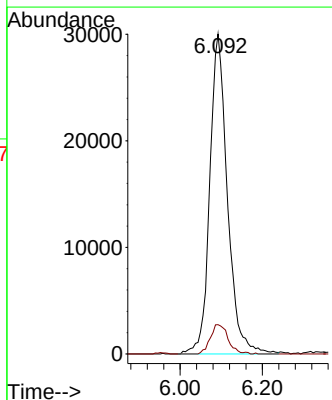
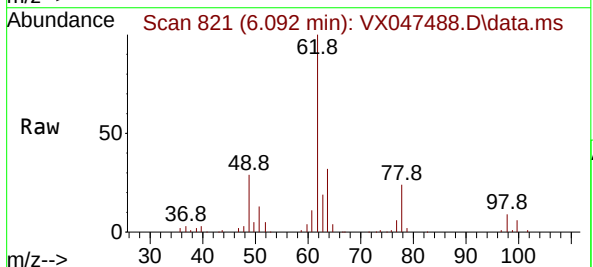
Manual Integrations
APPROVED

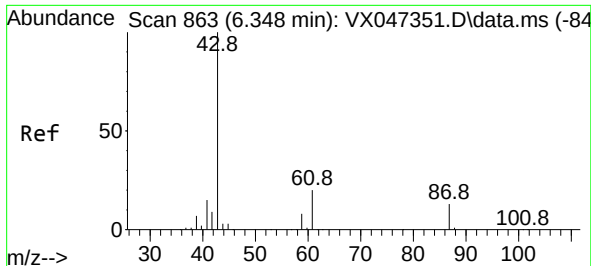
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#42
1,2-Dichloroethane
Concen: 19.533 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 62 Resp: 89819
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





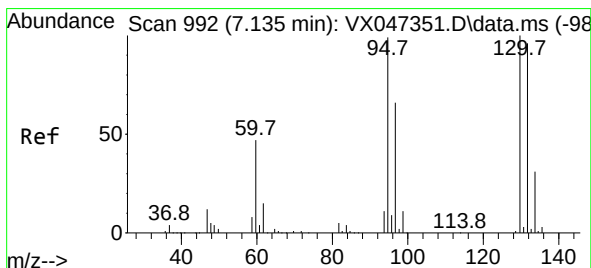
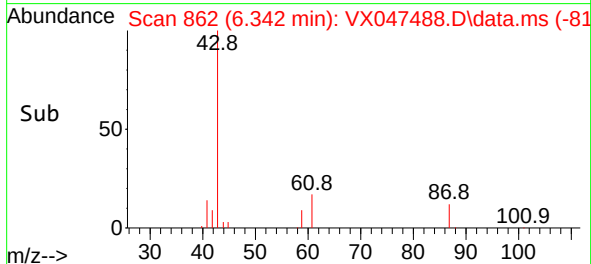
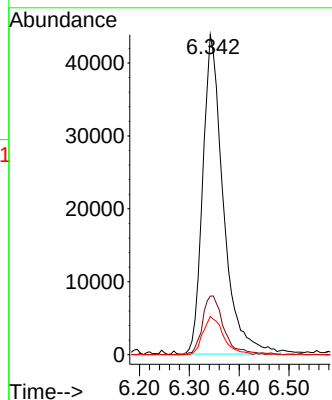
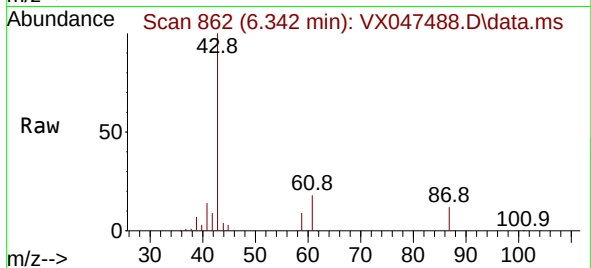
#43
Isopropyl Acetate
Concen: 19.389 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion: 43 Resp: 125415
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 11.8 10.2 15.4

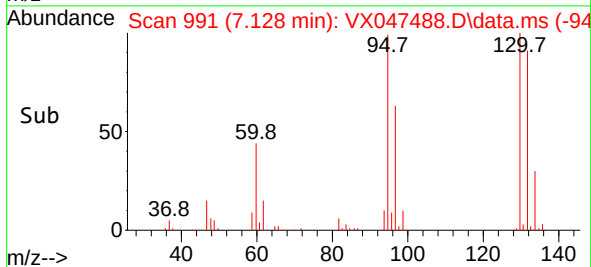
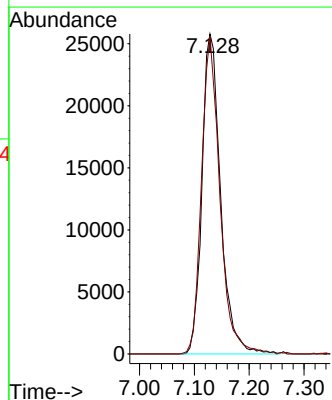
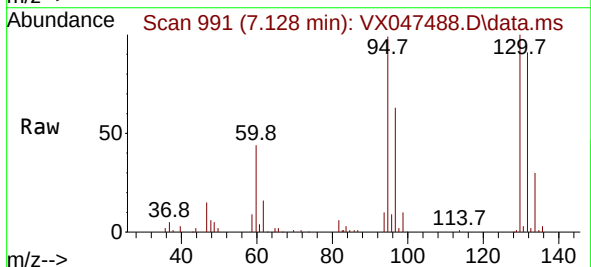
Manual Integrations
APPROVED

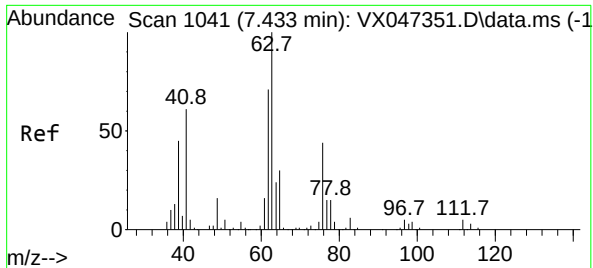
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#44
Trichloroethene
Concen: 18.292 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

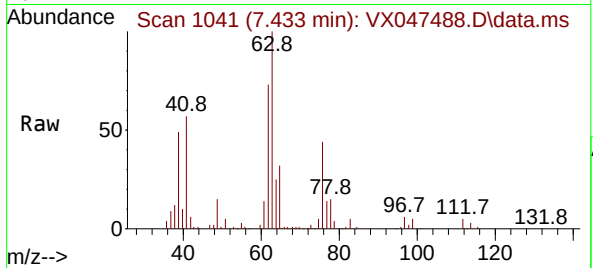
Tgt Ion:130 Resp: 60804
Ion Ratio Lower Upper
130 100
95 99.3 0.0 198.6





#45
1,2-Dichloropropane
Concen: 19.239 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

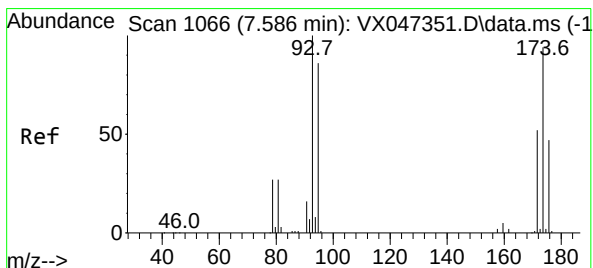
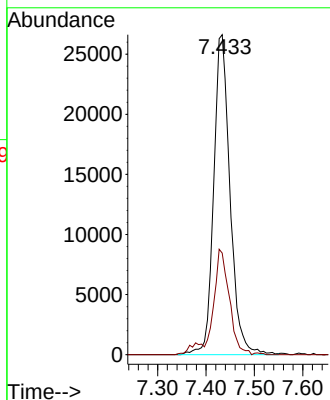
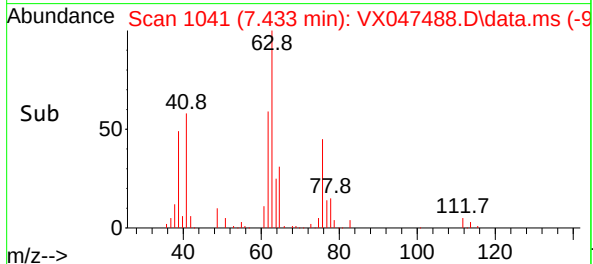
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



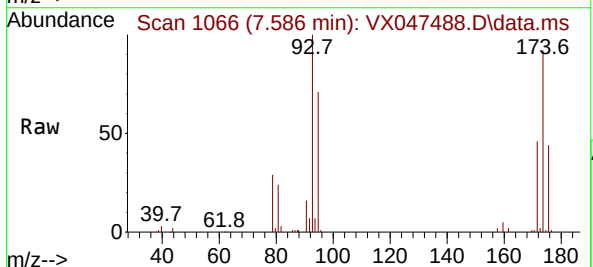
Tgt Ion: 63 Resp: 62569
Ion Ratio Lower Upper
63 100
65 31.8 23.8 35.6

Manual Integrations
APPROVED

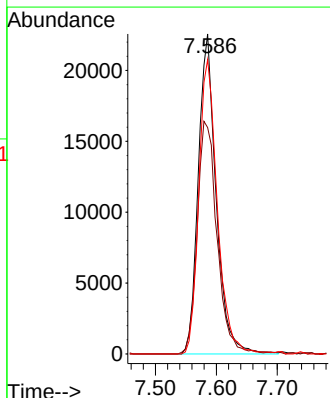
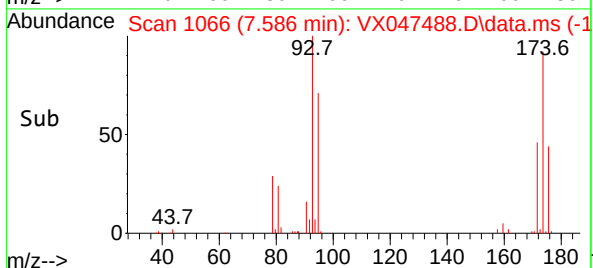
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

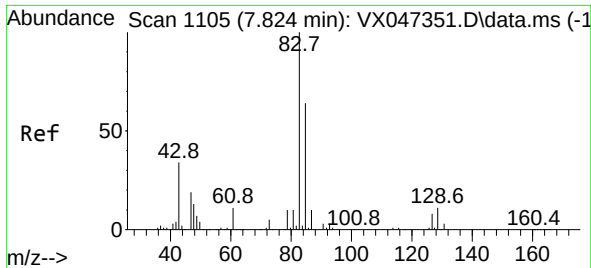


#46
Dibromomethane
Concen: 19.483 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



Tgt Ion: 93 Resp: 46002
Ion Ratio Lower Upper
93 100
95 80.4 68.0 102.0
174 95.7 75.8 113.6





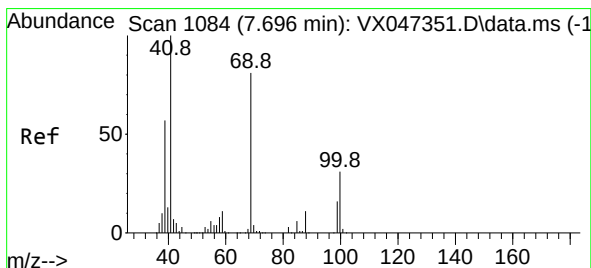
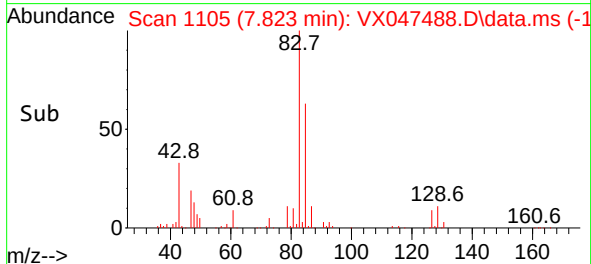
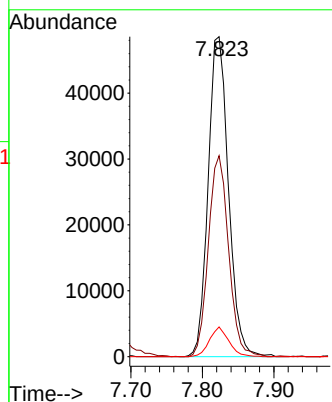
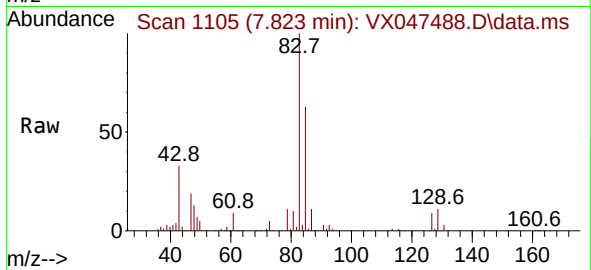
#47
Bromodichloromethane
Concen: 19.616 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion: 83 Resp: 96014
Ion Ratio Lower Upper
83 100
85 62.8 51.0 76.6
127 9.3 7.0 10.4

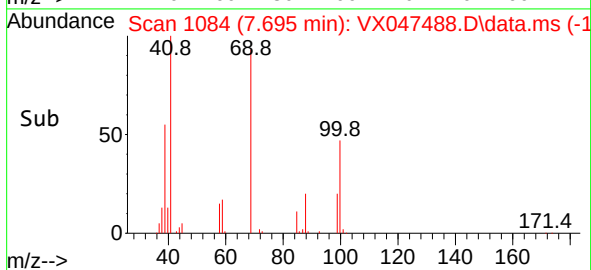
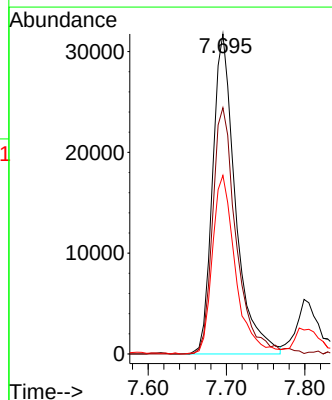
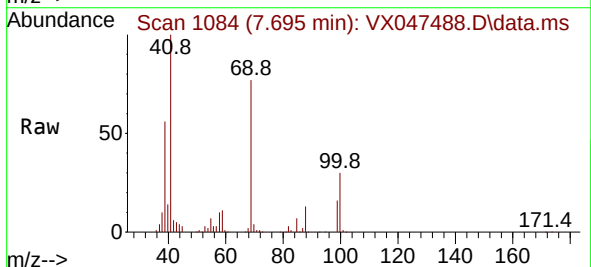
Manual Integrations
APPROVED

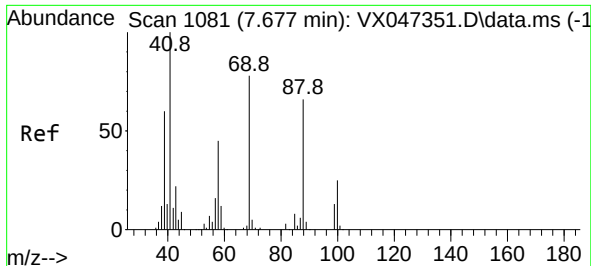
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#48
Methyl methacrylate
Concen: 19.211 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 41 Resp: 64500
Ion Ratio Lower Upper
41 100
69 79.7 65.0 97.4
39 56.2 45.7 68.5





#49

1,4-Dioxane

Concen: 414.131 ug/l

RT: 7.683 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

Tgt Ion: 88 Resp: 1351

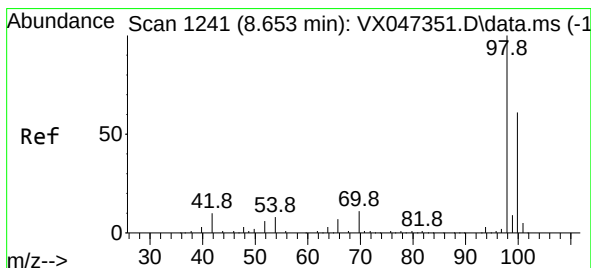
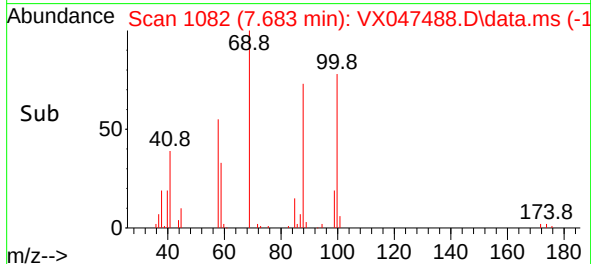
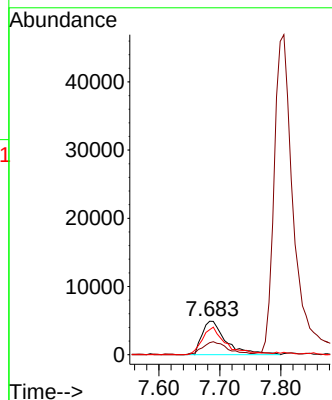
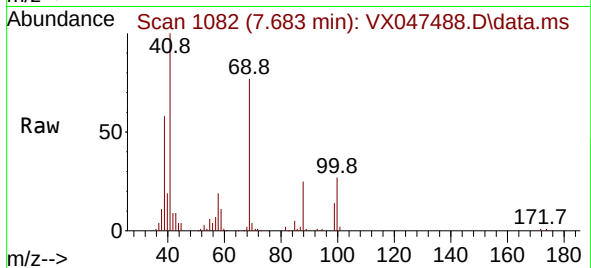
Ion	Ratio	Lower	Upper
88	100		
43	40.1	32.4	48.6
58	79.7	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#50

Toluene-d8

Concen: 46.445 ug/l

RT: 8.646 min Scan# 1240

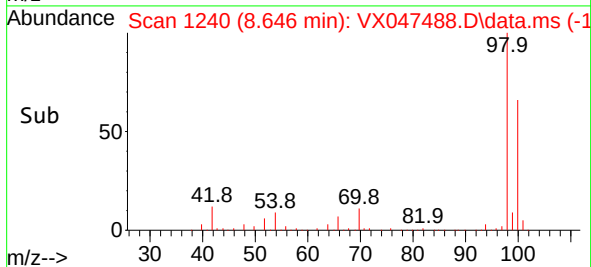
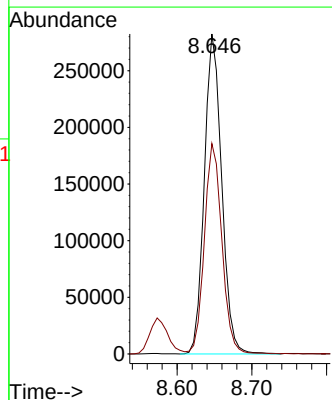
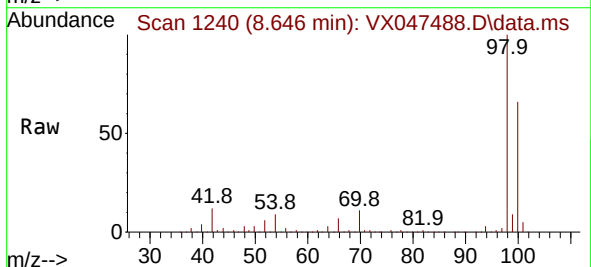
Delta R.T. -0.006 min

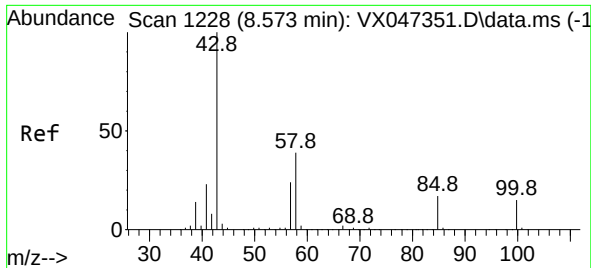
Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Tgt Ion: 98 Resp: 456106

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.9	80.9





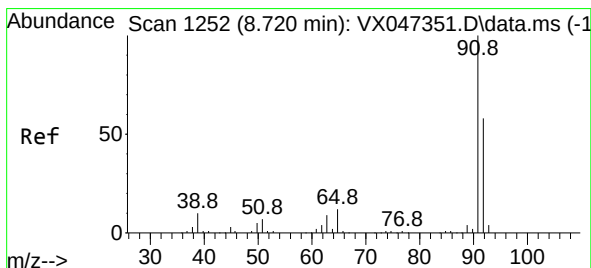
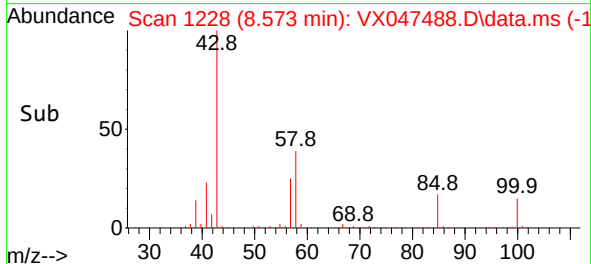
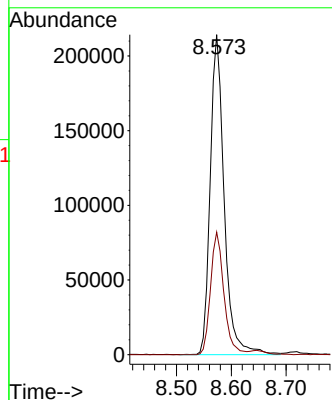
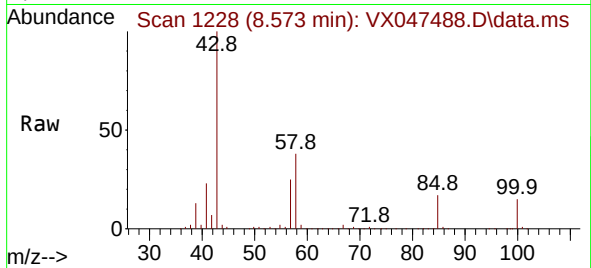
#51
4-Methyl-2-Pentanone
Concen: 101.440 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion: 43 Resp: 37759
Ion Ratio Lower Upper
43 100
58 36.8 31.2 46.8

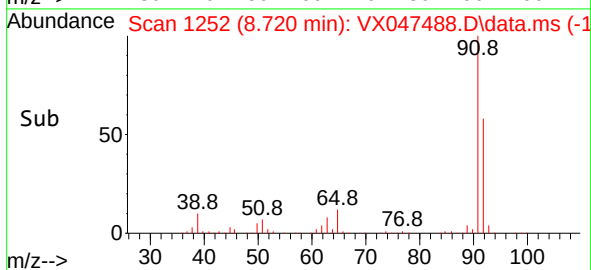
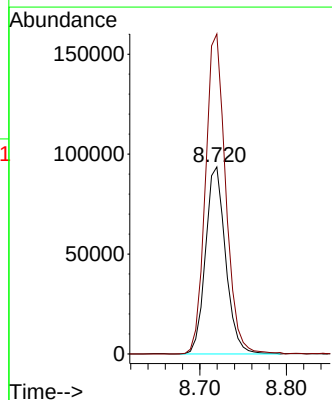
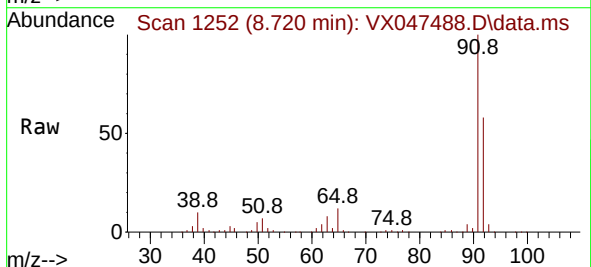
Manual Integrations
APPROVED

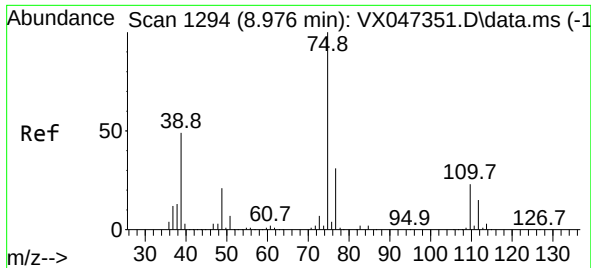
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#52
Toluene
Concen: 18.847 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 92 Resp: 151184
Ion Ratio Lower Upper
92 100
91 172.1 136.3 204.5





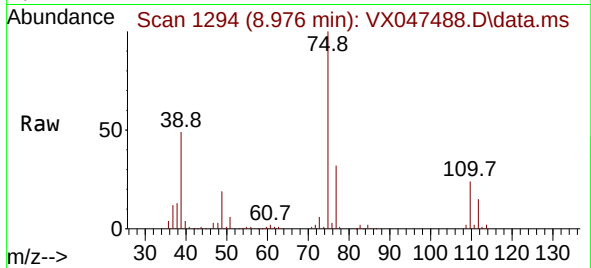
#53
t-1,3-Dichloropropene
Concen: 19.649 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01



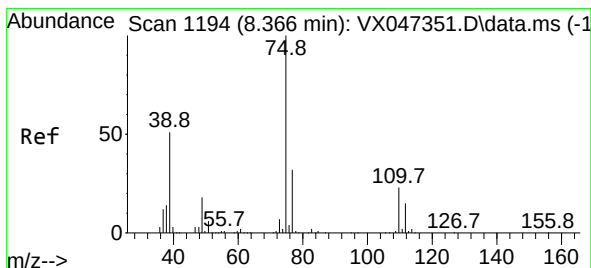
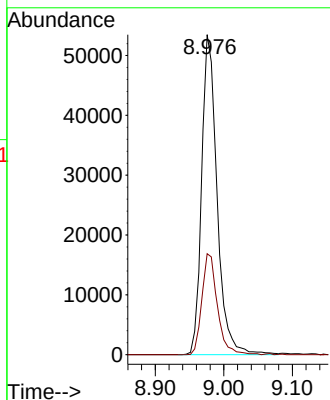
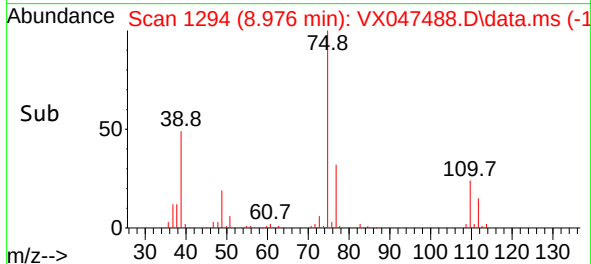
Tgt Ion: 75 Resp: 83940
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1

Manual Integrations

APPROVED

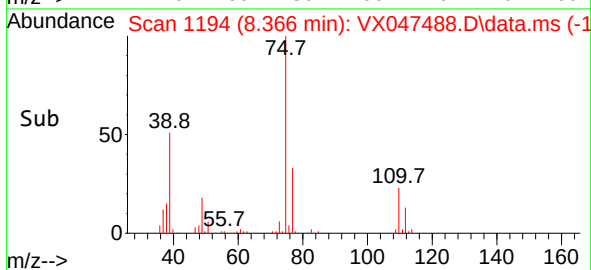
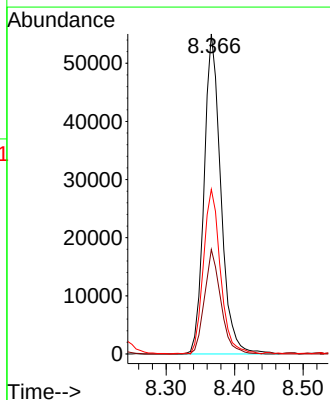
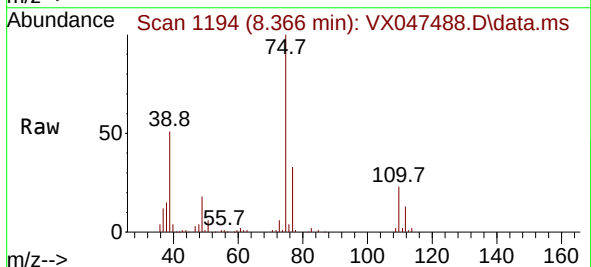
Reviewed By :John Carlone 08/25/2025

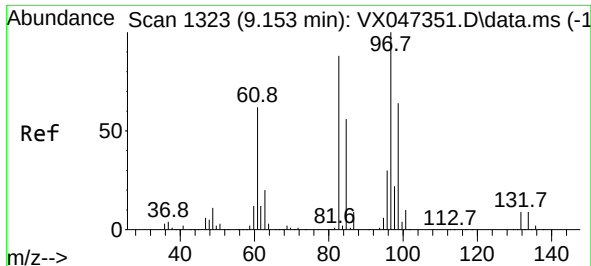
Supervised By :Semsettin Yesilyurt 08/25/2025



#54
cis-1,3-Dichloropropene
Concen: 19.386 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

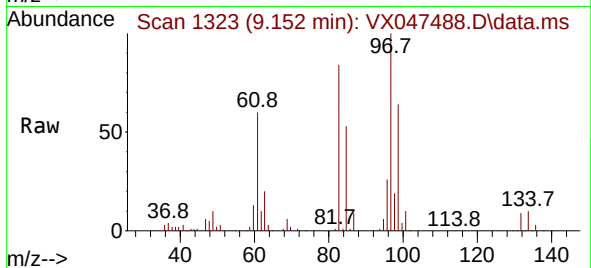
Tgt Ion: 75 Resp: 93740
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
39 51.2 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 19.853 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

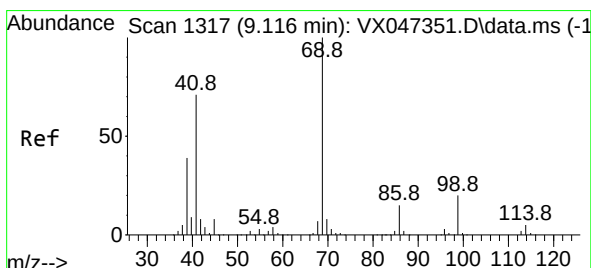
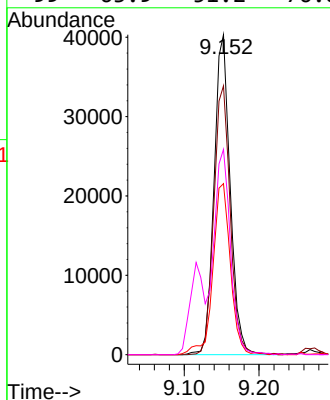
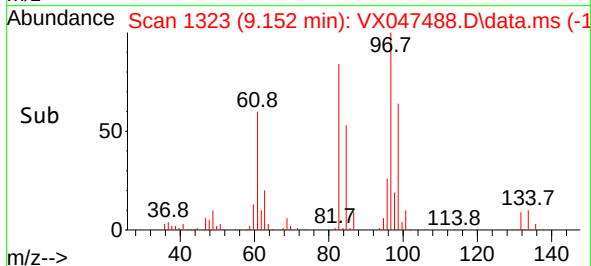
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



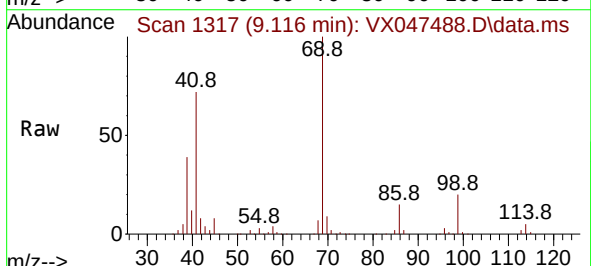
Tgt Ion: 97 Resp: 60460
Ion Ratio Lower Upper
97 100
83 84.0 70.6 106.0
85 53.5 44.7 67.1
99 63.9 51.2 76.8

Manual Integrations
APPROVED

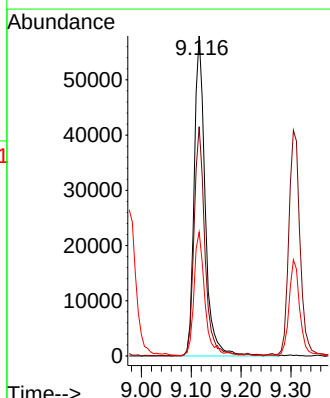
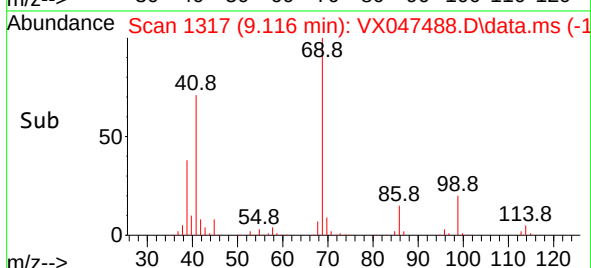
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

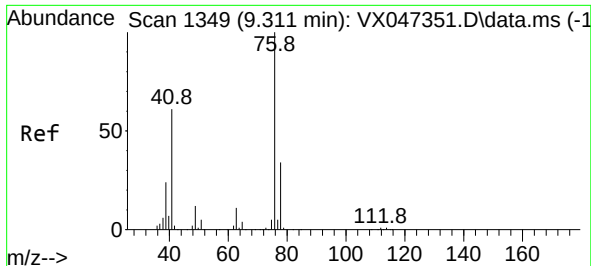


#56
Ethyl methacrylate
Concen: 19.726 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



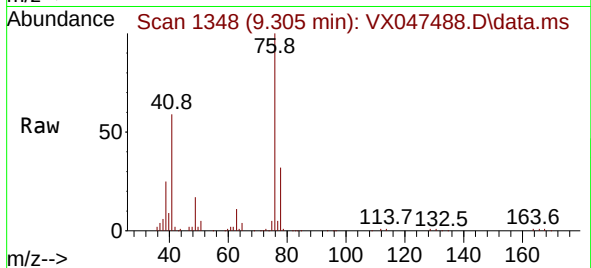
Tgt Ion: 69 Resp: 88578
Ion Ratio Lower Upper
69 100
41 71.0 55.3 82.9
39 39.0 30.2 45.2





#57
1,3-Dichloropropane
Concen: 20.329 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

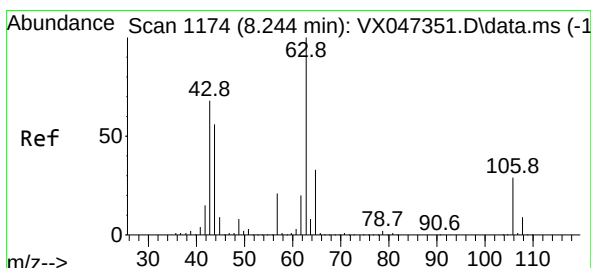
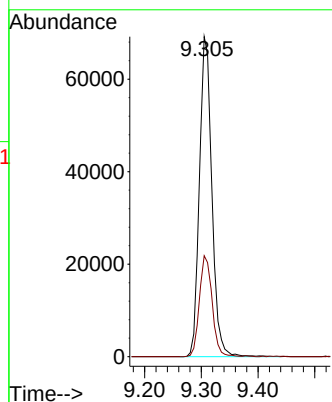
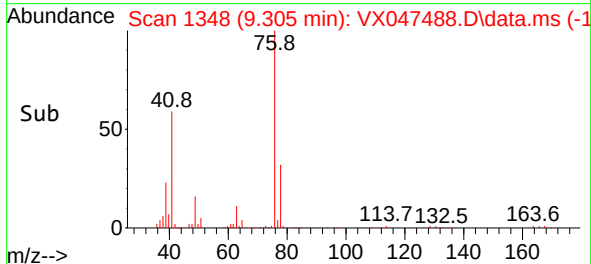
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion: 76 Resp: 10550
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

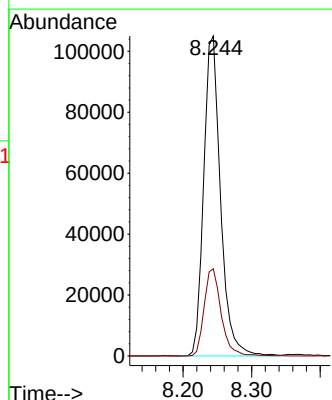
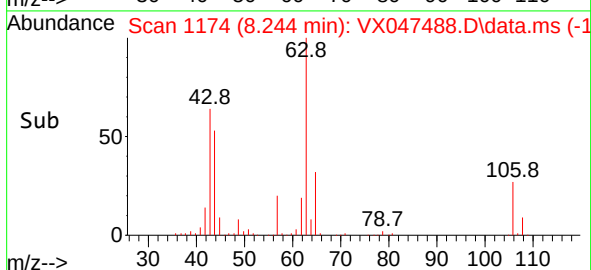
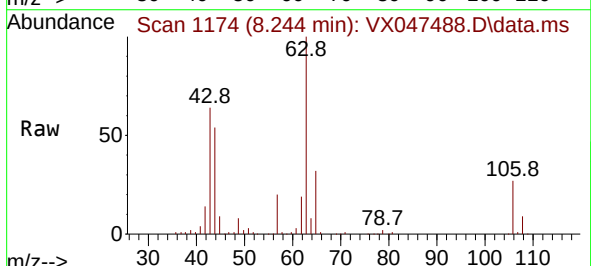
Manual Integrations
APPROVED

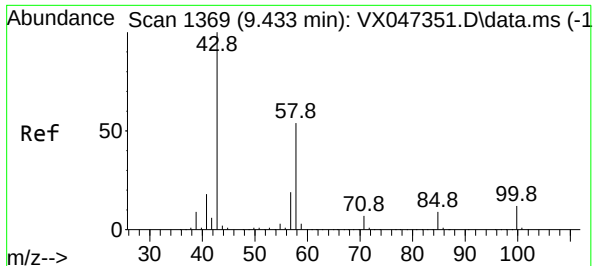
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 89.339 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 63 Resp: 179653
Ion Ratio Lower Upper
63 100
106 27.6 22.8 34.2





#59

2-Hexanone

Concen: 97.987 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

Tgt Ion: 43 Resp: 252290

Ion Ratio Lower Upper

43 100

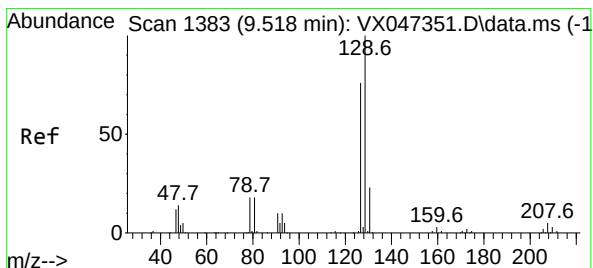
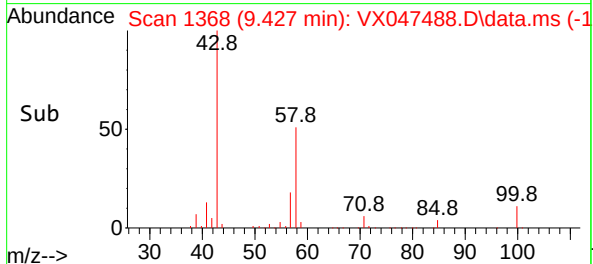
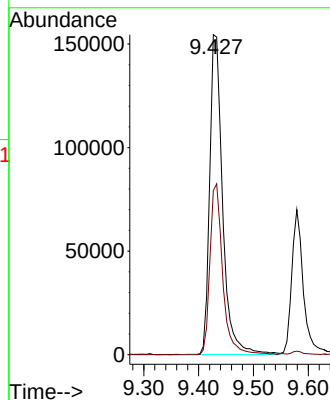
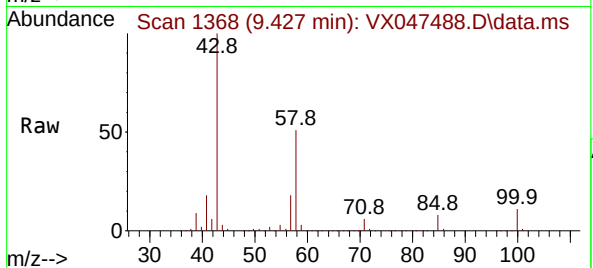
58 52.7 26.9 80.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#60

Dibromochloromethane

Concen: 19.597 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX047488.D

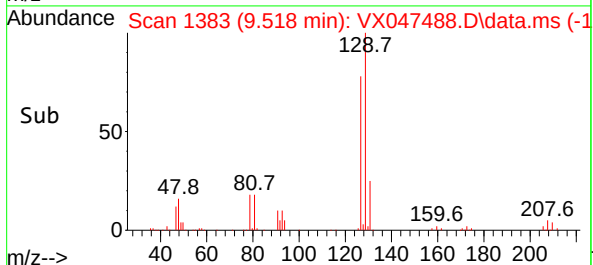
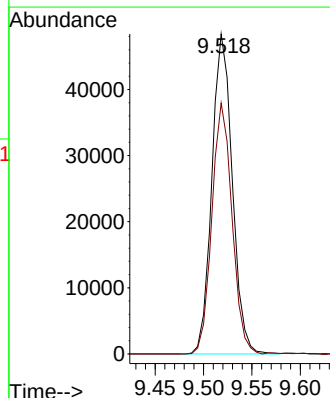
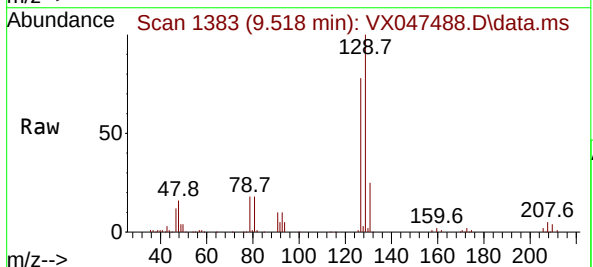
Acq: 22 Aug 2025 11:51

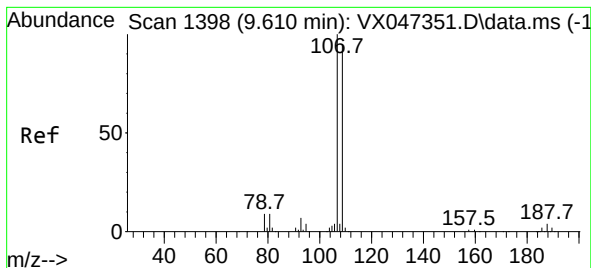
Tgt Ion:129 Resp: 70934

Ion Ratio Lower Upper

129 100

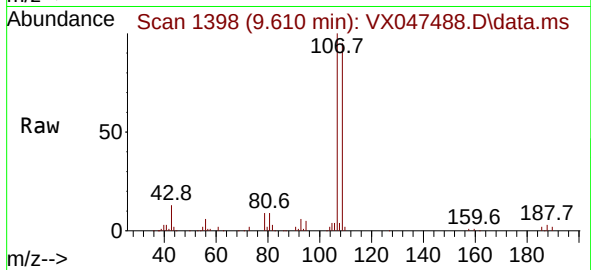
127 77.3 38.9 116.6





#61
1,2-Dibromoethane
Concen: 19.538 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

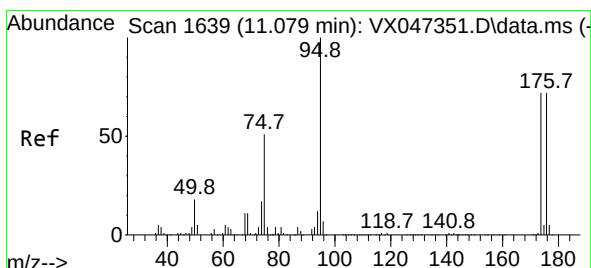
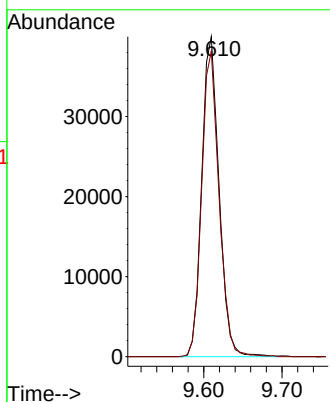
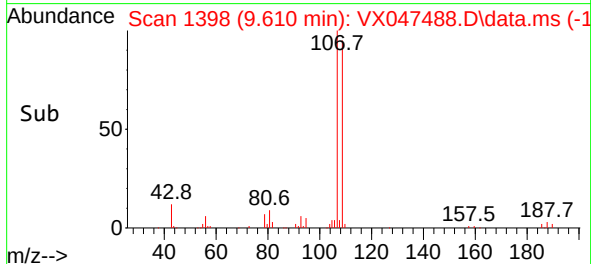
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



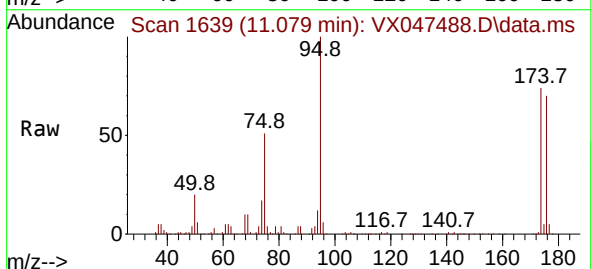
Tgt Ion:107 Resp: 6136
Ion Ratio Lower Upper
107 100
109 95.7 76.2 114.2

Manual Integrations
APPROVED

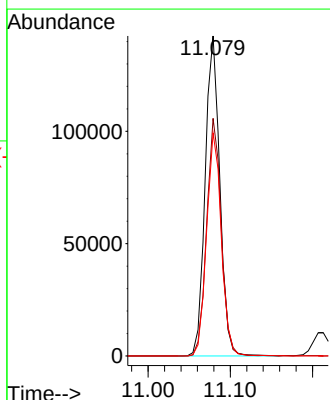
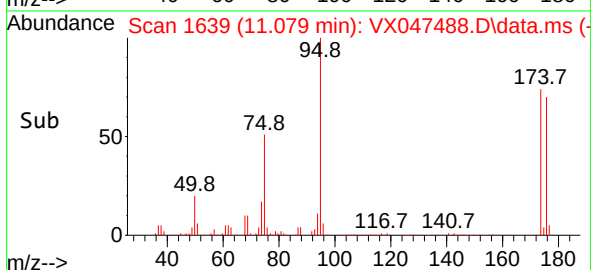
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

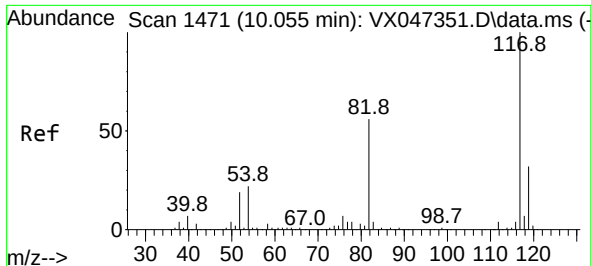


#62
4-Bromofluorobenzene
Concen: 48.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



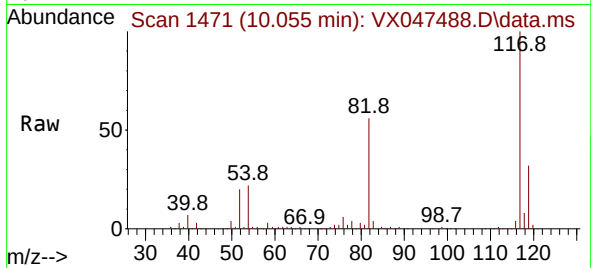
Tgt Ion: 95 Resp: 175865
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 70.2 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

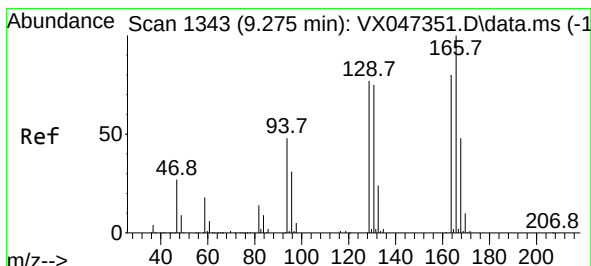
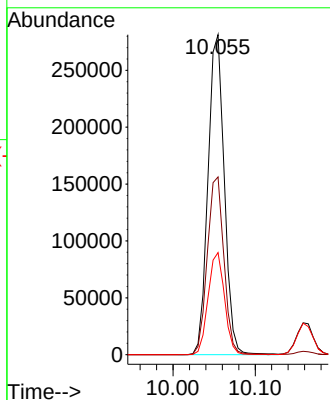
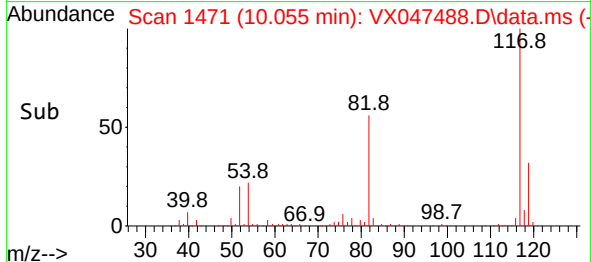
Instrument : MSVOA_X
ClientSampleId : VX0822WBSD01



Tgt Ion:117 Resp: 387914
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 31.9 25.8 38.8

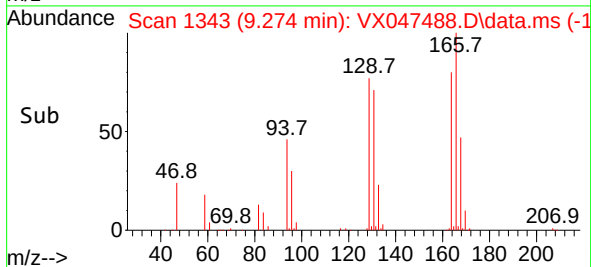
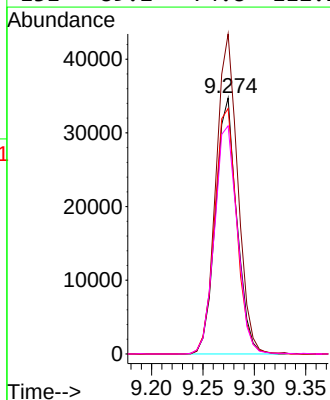
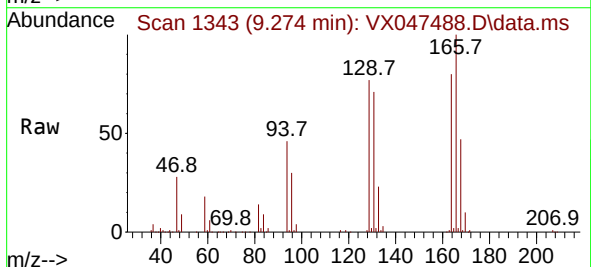
Manual Integrations
APPROVED

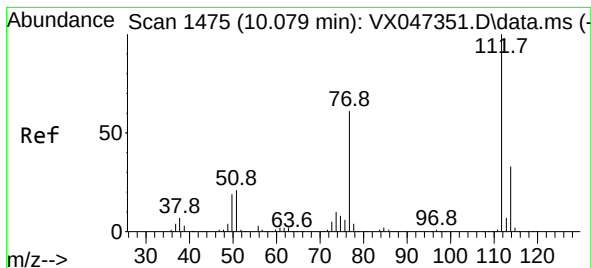
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#64
Tetrachloroethene
Concen: 17.817 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

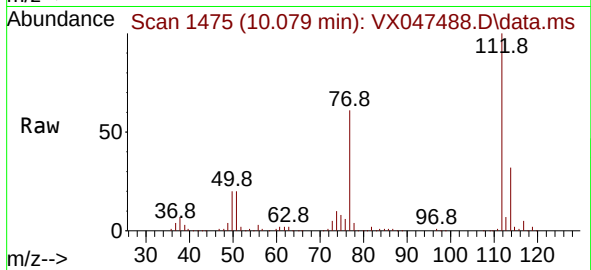
Tgt Ion:164 Resp: 49991
Ion Ratio Lower Upper
164 100
166 125.0 100.3 150.5
129 95.9 77.7 116.5
131 89.2 74.8 112.2





#65
Chlorobenzene
Concen: 18.612 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

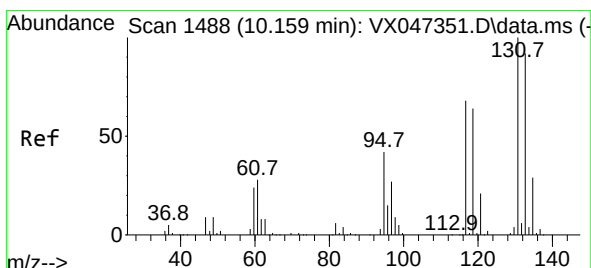
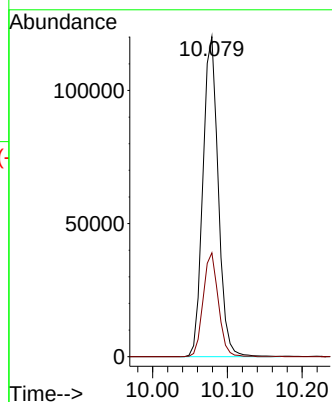
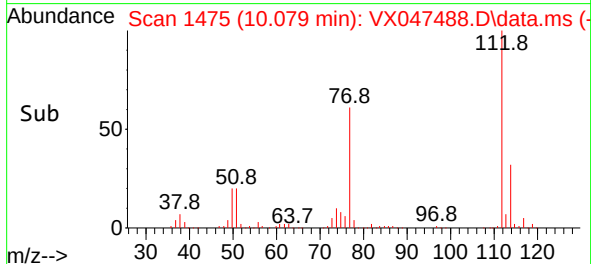
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion:112 Resp: 171569
Ion Ratio Lower Upper
112 100
114 32.4 26.4 39.6

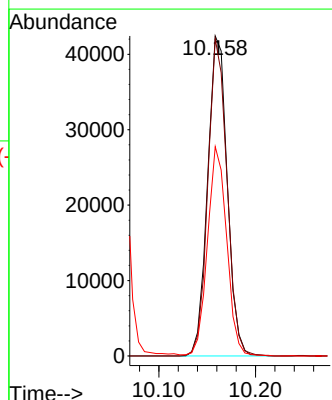
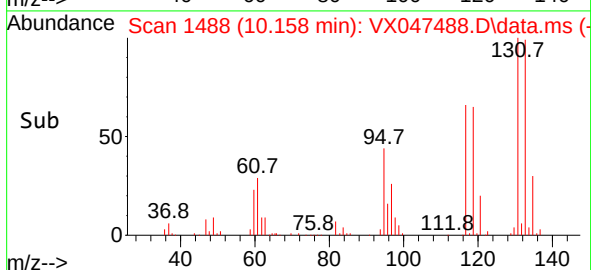
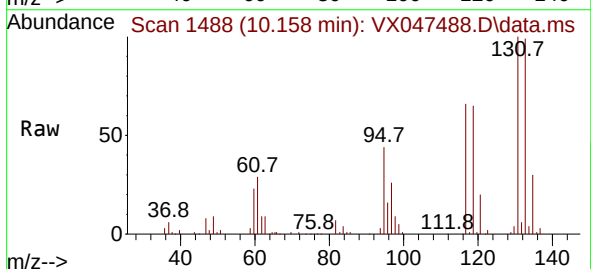
Manual Integrations
APPROVED

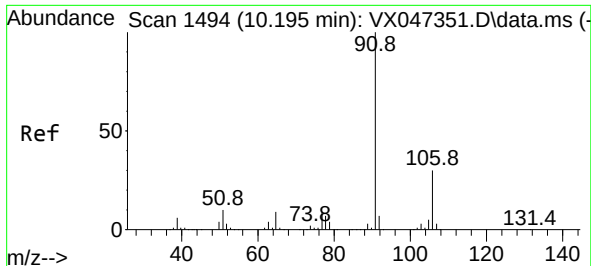
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.223 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

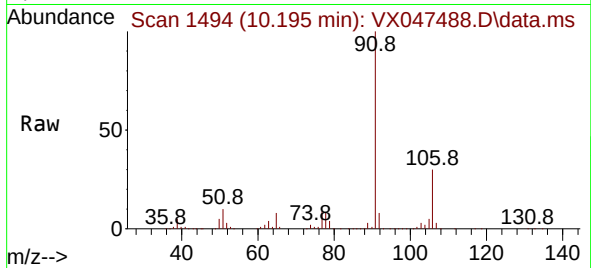
Tgt Ion:131 Resp: 59904
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 64.2 32.3 96.8





#67
Ethyl Benzene
Concen: 18.492 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

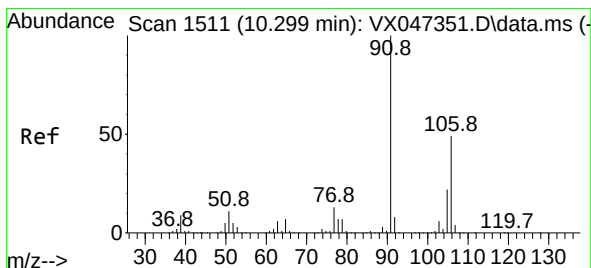
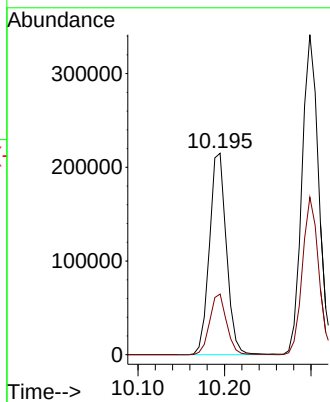
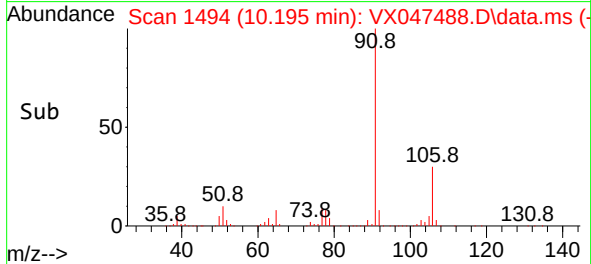
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



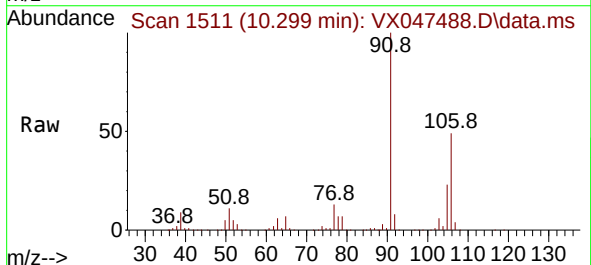
Tgt Ion: 91 Resp: 293400
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

Manual Integrations
APPROVED

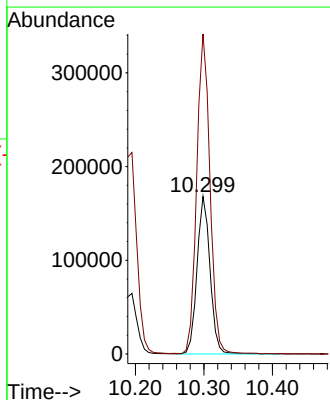
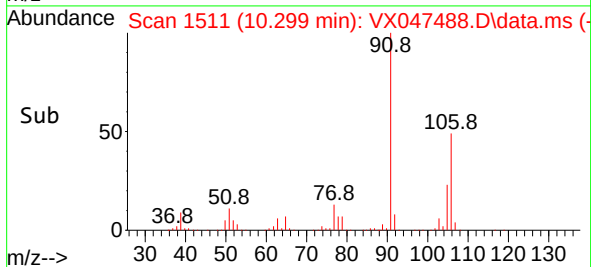
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

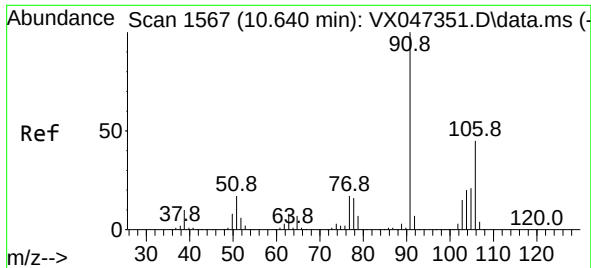


#68
m/p-Xylenes
Concen: 37.572 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



Tgt Ion:106 Resp: 222278
Ion Ratio Lower Upper
106 100
91 207.4 164.7 247.1





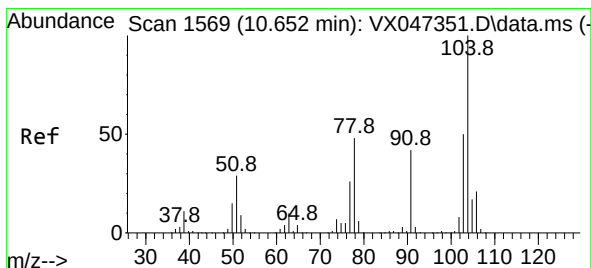
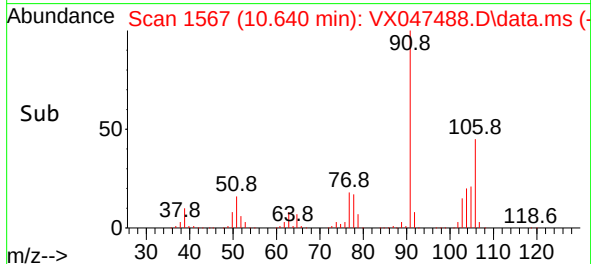
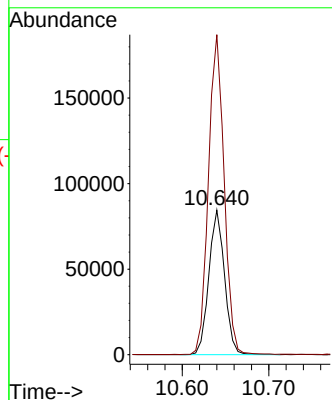
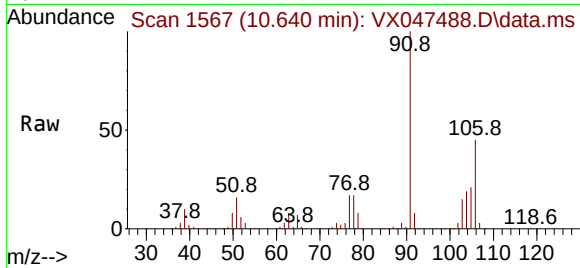
#69
o-Xylene
Concen: 18.681 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion:106 Resp: 10635
Ion Ratio Lower Upper
106 100
91 221.4 110.6 331.8

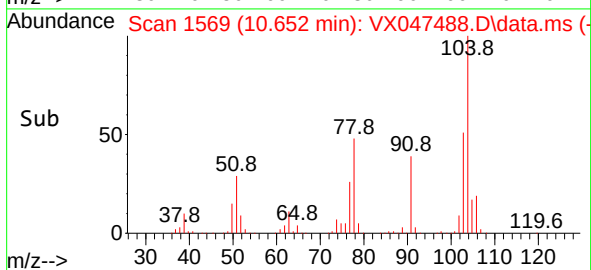
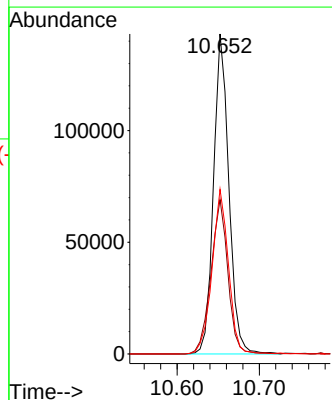
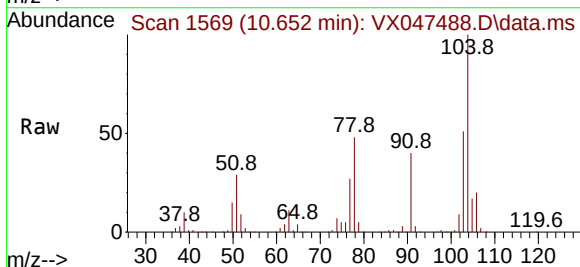
Manual Integrations
APPROVED

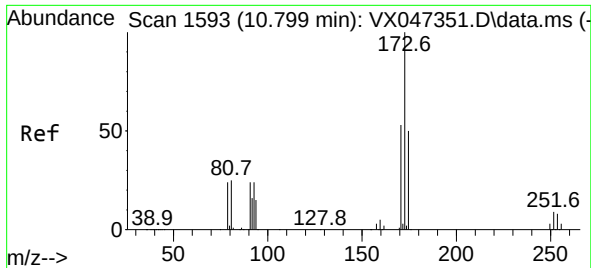
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#70
Styrene
Concen: 19.298 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

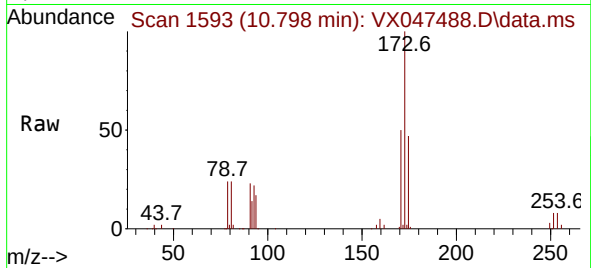
Tgt Ion:104 Resp: 185646
Ion Ratio Lower Upper
104 100
78 53.3 41.8 62.8
103 55.2 43.6 65.4





#71
Bromoform
Concen: 20.106 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

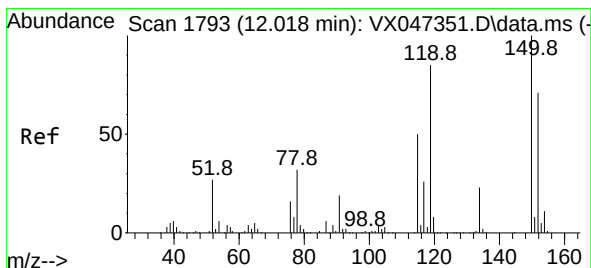
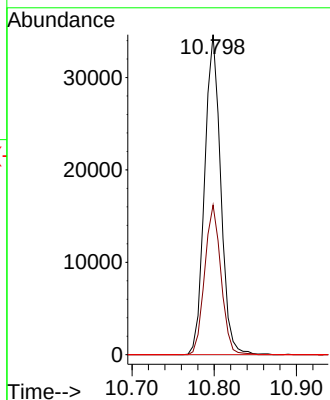
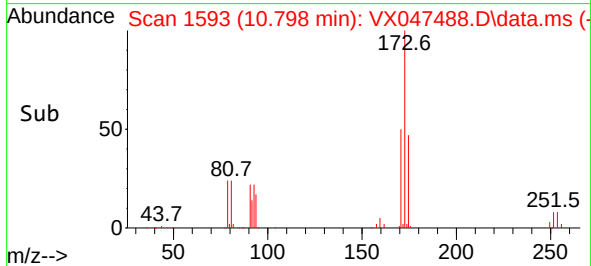
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



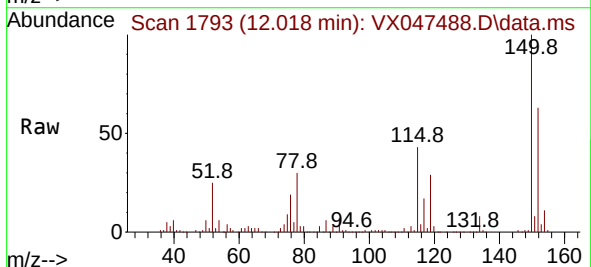
Tgt Ion:173 Resp: 47070
Ion Ratio Lower Upper
173 100
175 47.3 24.4 73.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

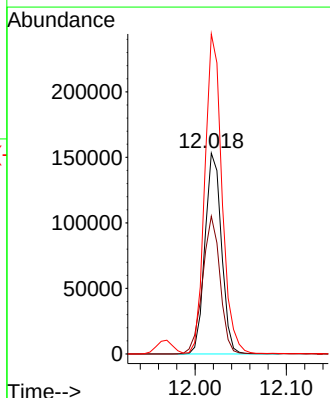
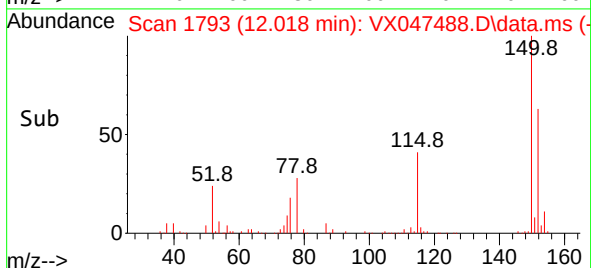
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

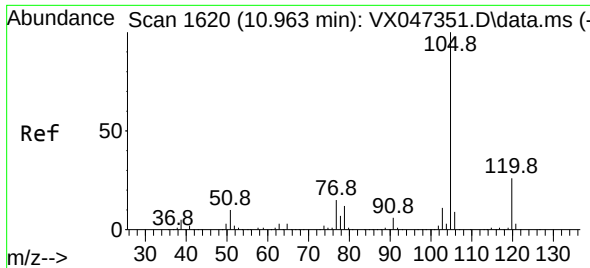


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



Tgt Ion:152 Resp: 191887
Ion Ratio Lower Upper
152 100
115 72.7 44.6 133.8
150 164.7 0.0 349.8





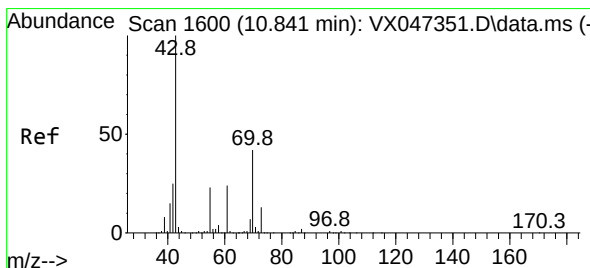
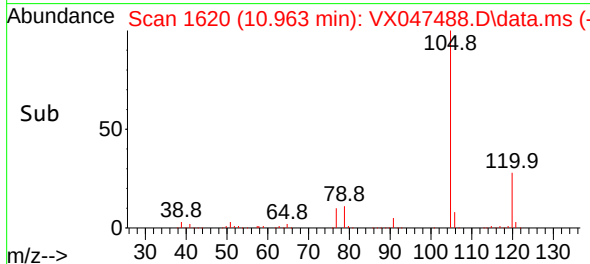
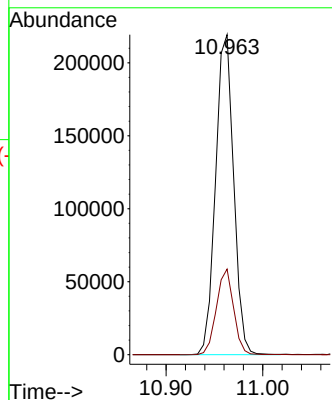
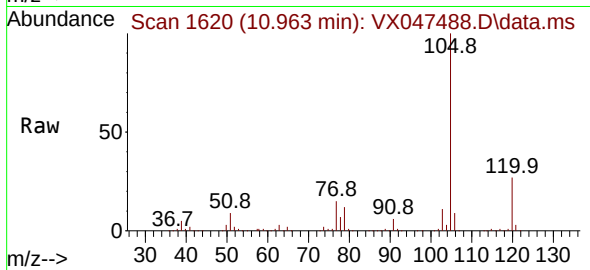
#73
Isopropylbenzene
Concen: 18.926 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion:105 Resp: 28418
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6

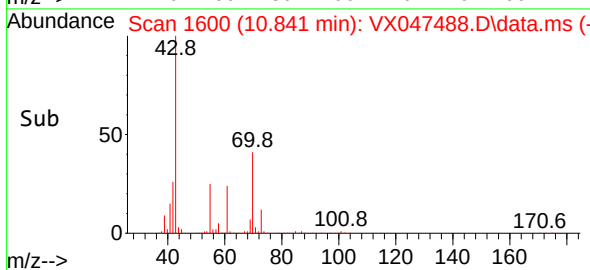
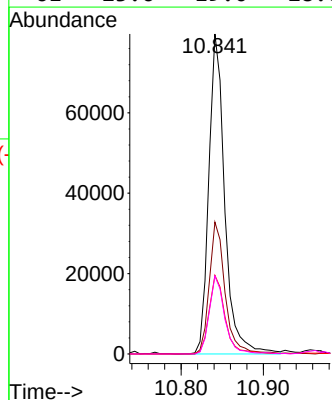
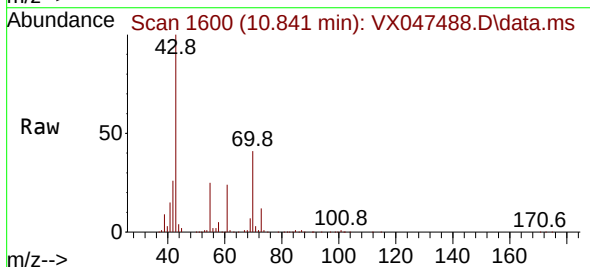
Manual Integrations
APPROVED

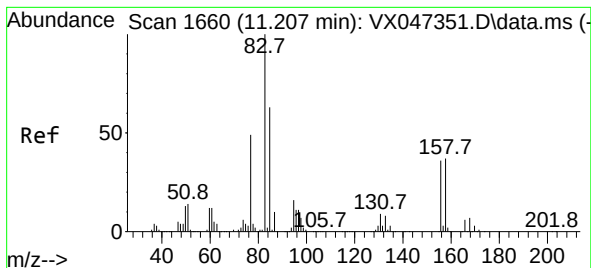
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#74
N-ethyl acetate
Concen: 18.827 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

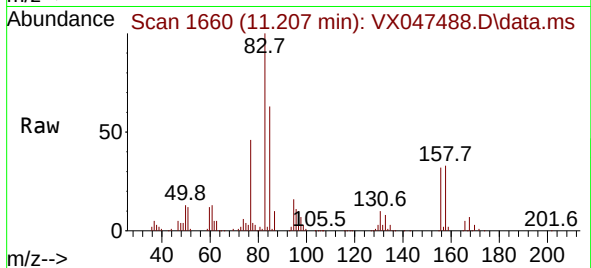
Tgt Ion: 43 Resp: 107356
Ion Ratio Lower Upper
43 100
70 41.2 33.1 49.7
55 24.7 19.0 28.6
61 23.6 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 19.958 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

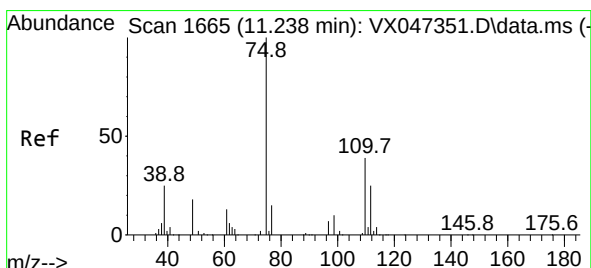
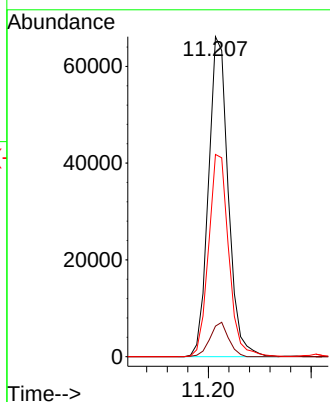
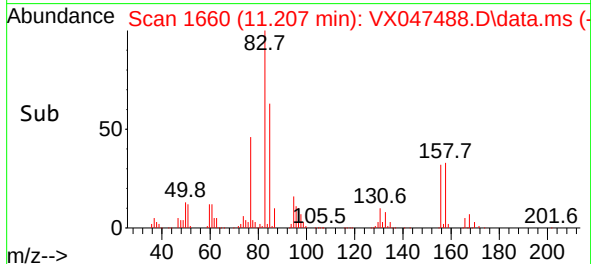
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



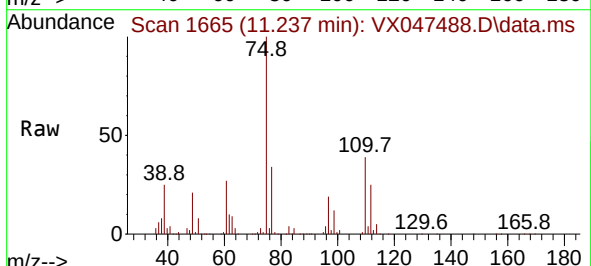
Tgt Ion: 83 Resp: 87989
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.6 31.7 95.1

Manual Integrations
APPROVED

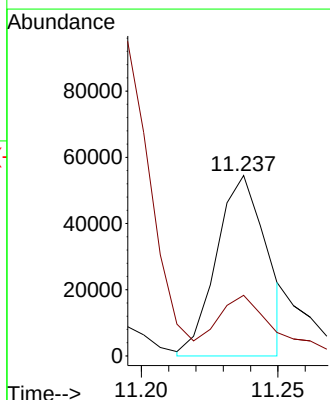
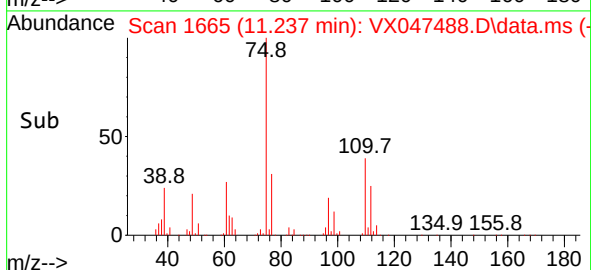
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

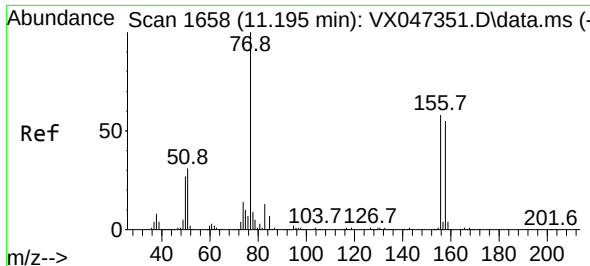


#76
1,2,3-Trichloropropane
Concen: 19.736 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



Tgt Ion: 75 Resp: 69461
Ion Ratio Lower Upper
75 100
77 39.3 19.4 58.2





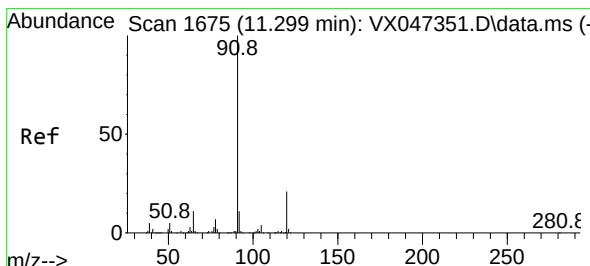
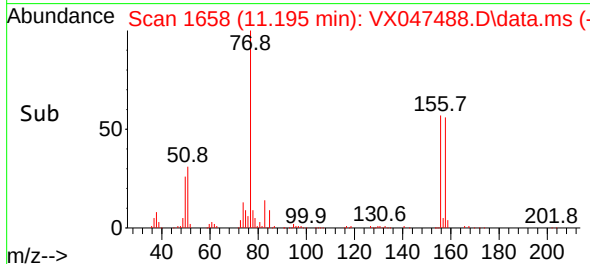
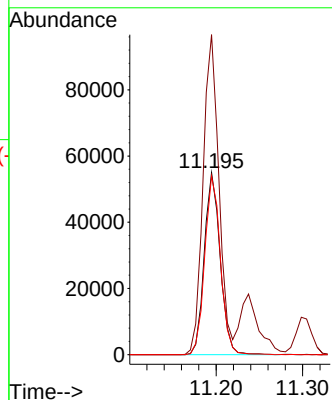
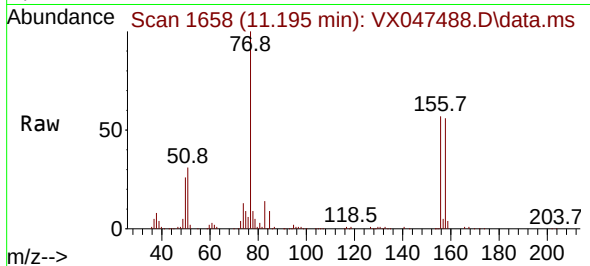
#77
Bromobenzene
Concen: 19.079 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01

Tgt Ion:156 Resp: 6995
Ion Ratio Lower Upper
156 100
77 175.5 86.3 258.9
158 97.5 48.0 144.2

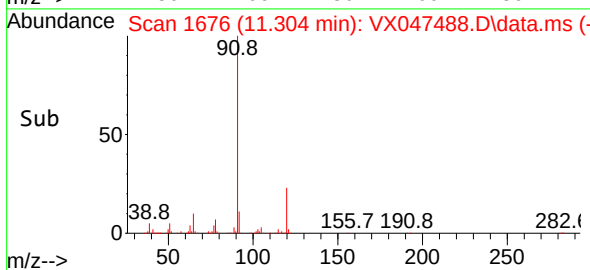
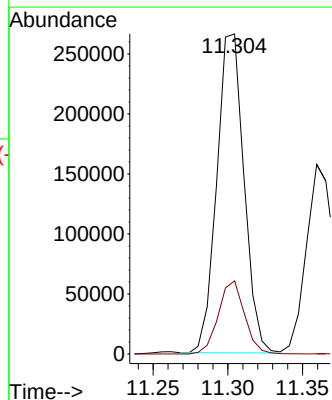
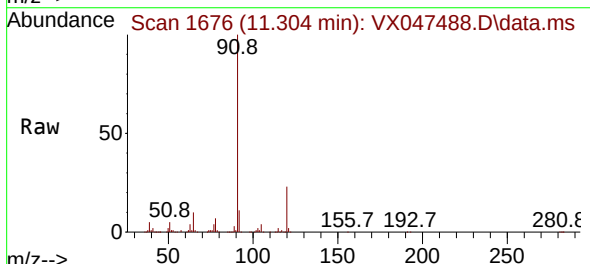
Manual Integrations
APPROVED

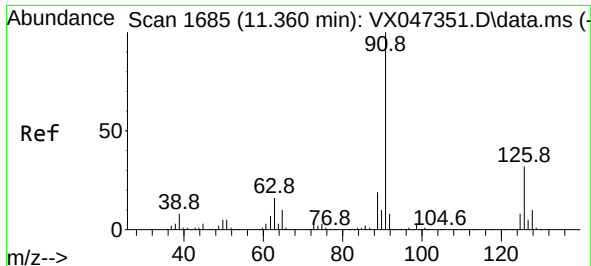
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#78
n-propylbenzene
Concen: 18.782 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

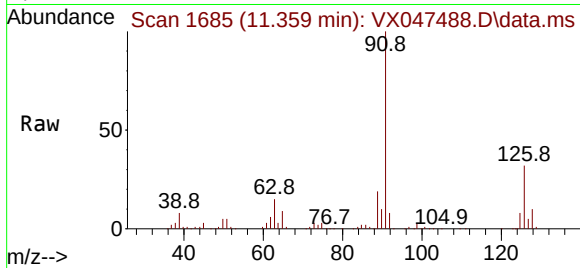
Tgt Ion: 91 Resp: 336842
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79
2-Chlorotoluene
Concen: 18.769 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

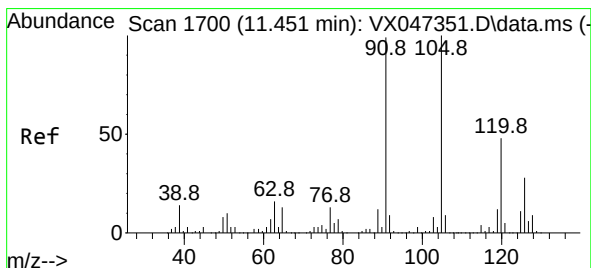
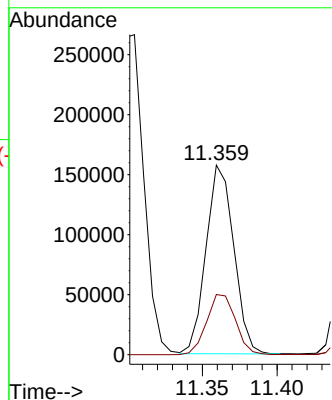
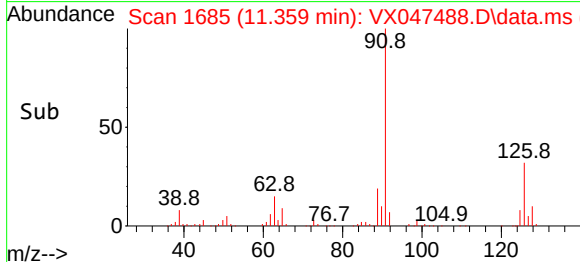
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



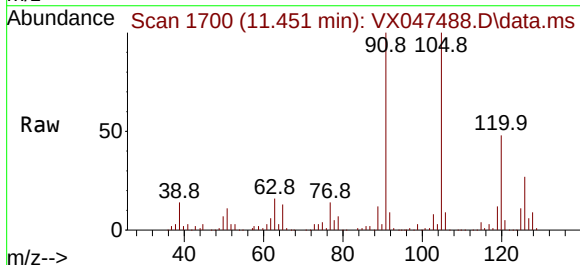
Tgt Ion: 91 Resp: 20348
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1

Manual Integrations
APPROVED

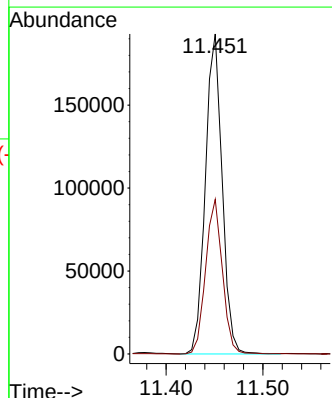
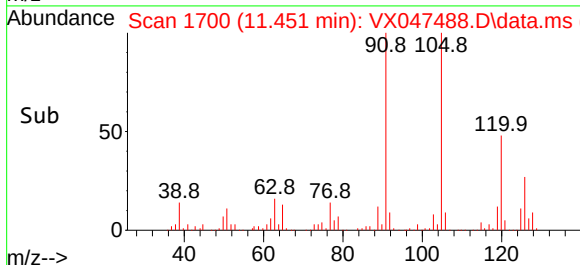
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

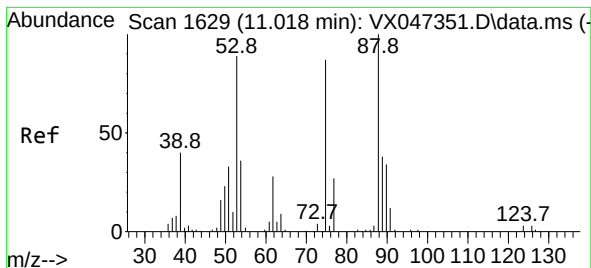


#80
1,3,5-Trimethylbenzene
Concen: 18.862 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



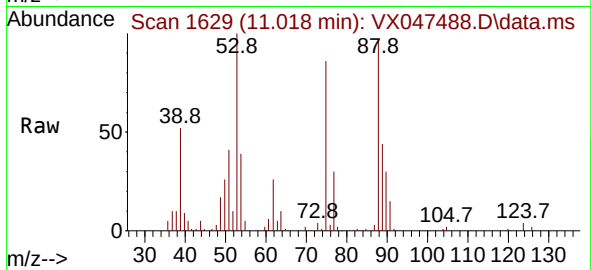
Tgt Ion:105 Resp: 233046
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.503 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

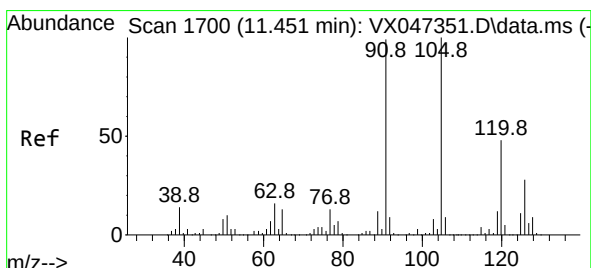
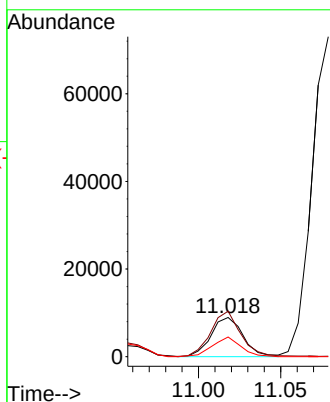
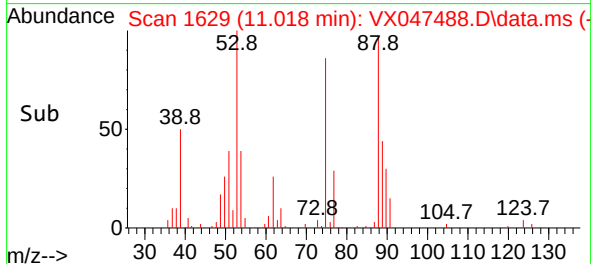
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion: 75 Resp: 1214
Ion Ratio Lower Upper
75 100
53 107.9 85.2 127.8
89 44.6 36.7 55.1

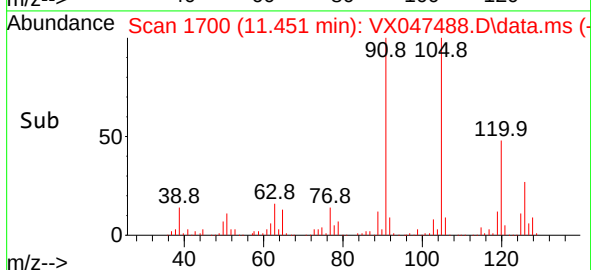
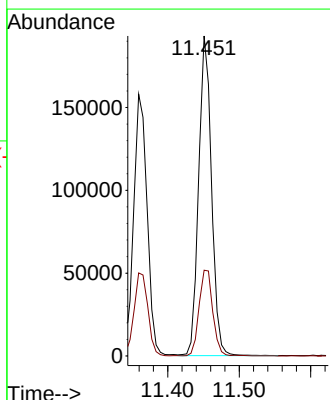
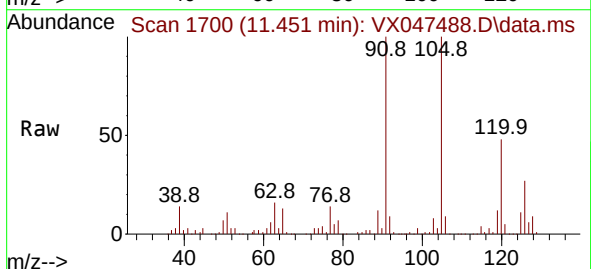
Manual Integrations
APPROVED

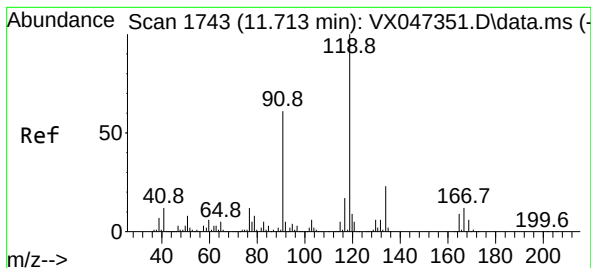
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#82
4-Chlorotoluene
Concen: 18.843 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion: 91 Resp: 240809
Ion Ratio Lower Upper
91 100
126 28.6 14.4 43.0





#83

tert-Butylbenzene

Concen: 19.083 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

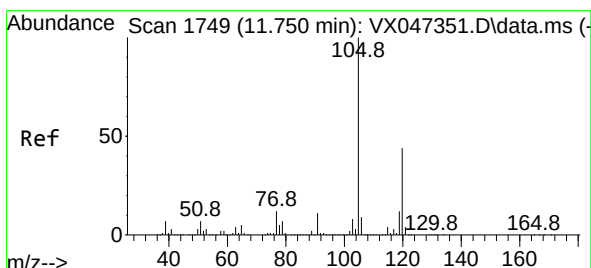
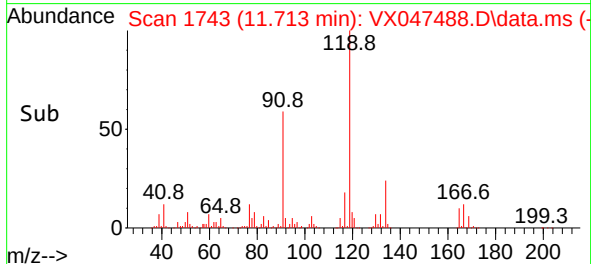
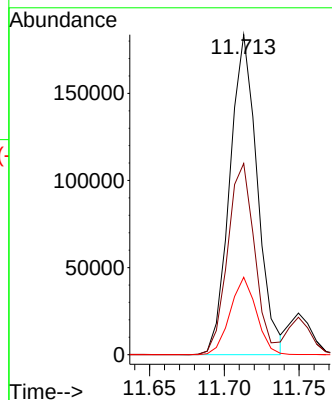
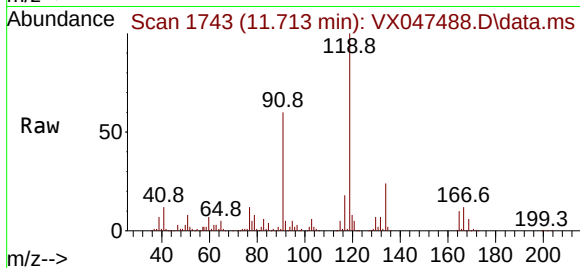
Tgt Ion:	119	Resp:	235219
Ion Ratio	Lower	Upper	
119	100		
91	59.2	29.1	87.4
134	23.1	11.3	33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.240 ug/l

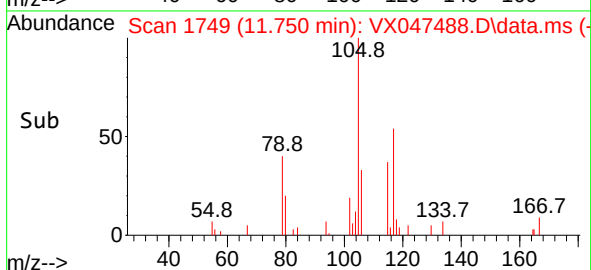
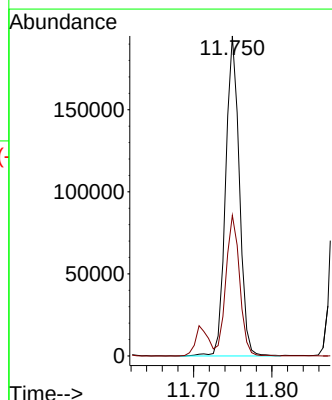
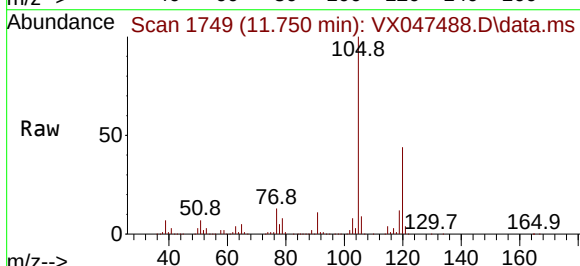
RT: 11.750 min Scan# 1749

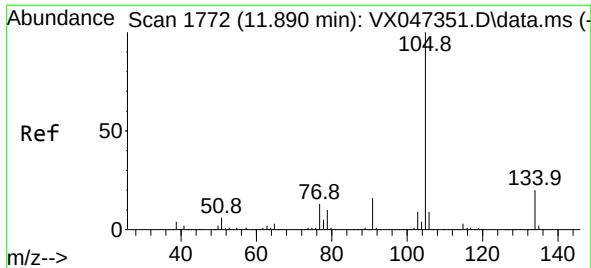
Delta R.T. -0.000 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

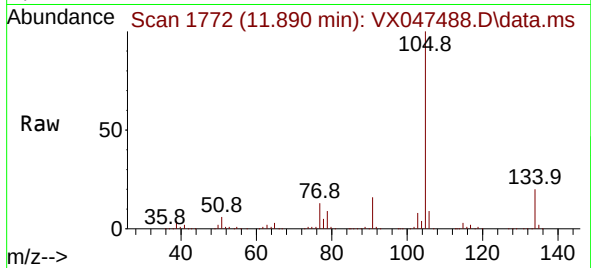
Tgt Ion:	105	Resp:	237710
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.9	65.7





#85
sec-Butylbenzene
Concen: 19.178 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

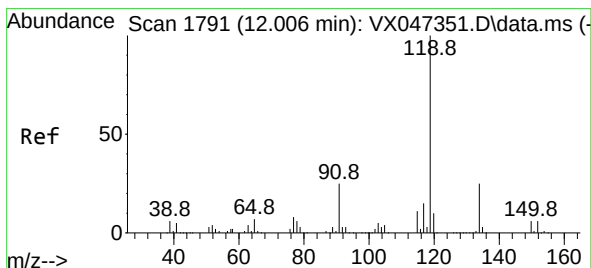
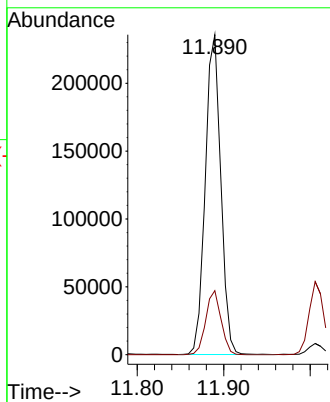
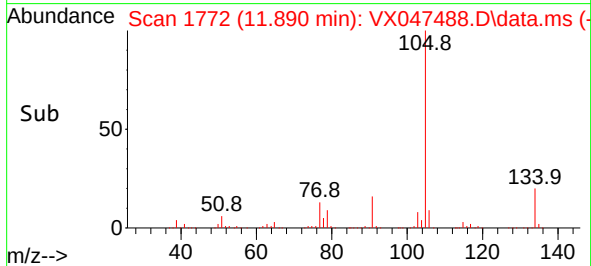
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion:105 Resp: 293002
Ion Ratio Lower Upper
105 100
134 19.8 9.8 29.5

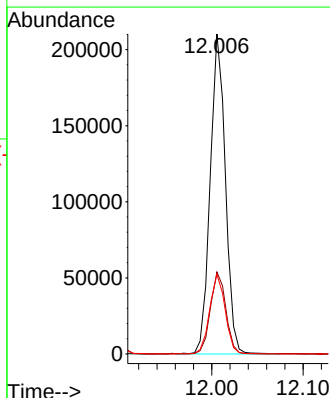
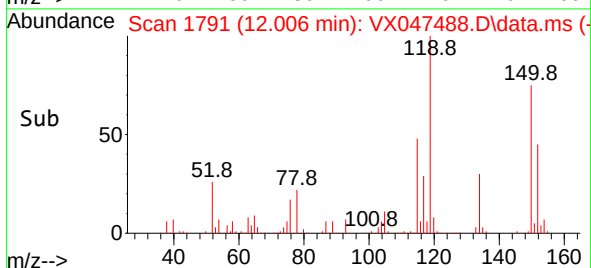
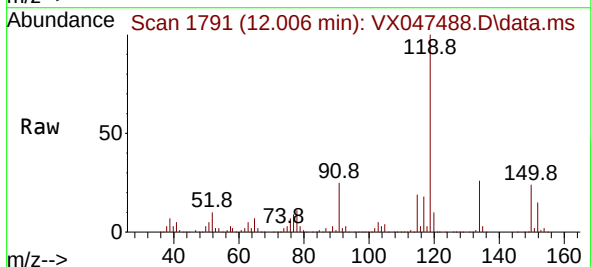
Manual Integrations
APPROVED

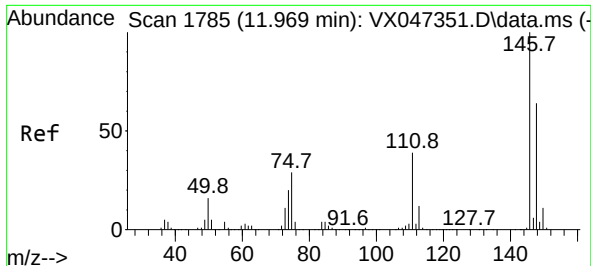
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#86
p-Isopropyltoluene
Concen: 18.735 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

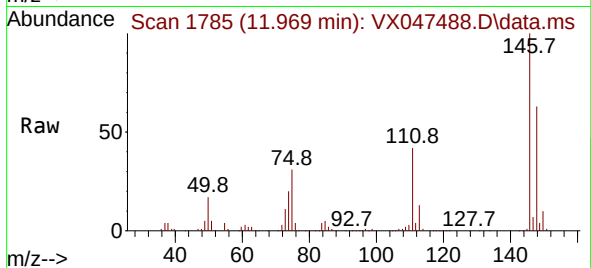
Tgt Ion:119 Resp: 242206
Ion Ratio Lower Upper
119 100
134 26.1 12.8 38.4
91 25.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 19.171 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

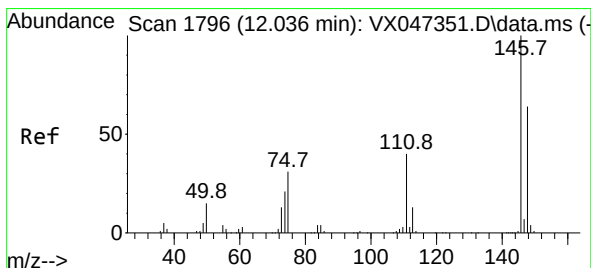
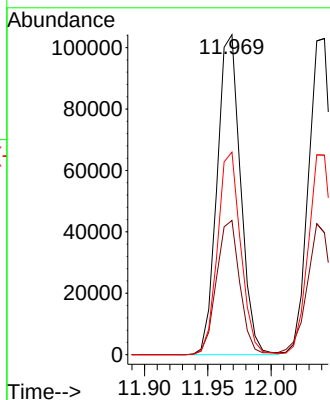
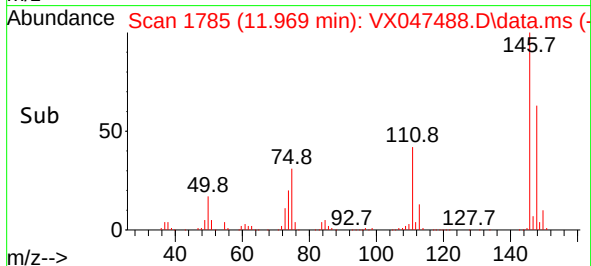
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



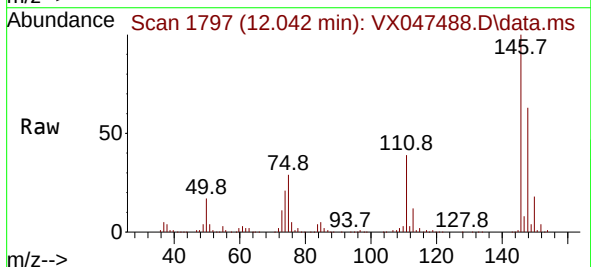
Tgt Ion:146 Resp: 13429
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 62.6 31.9 95.5

Manual Integrations
APPROVED

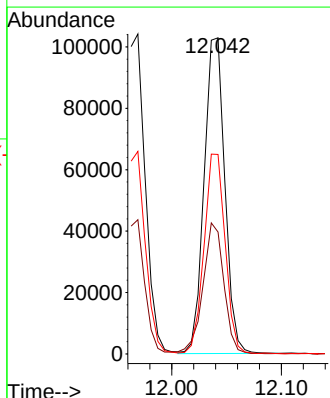
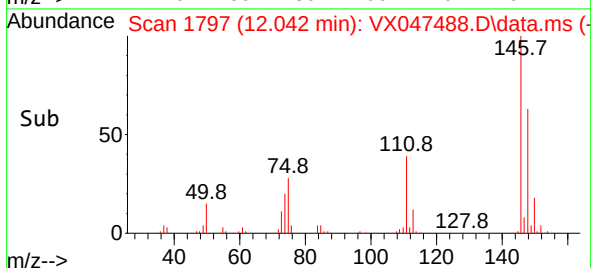
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

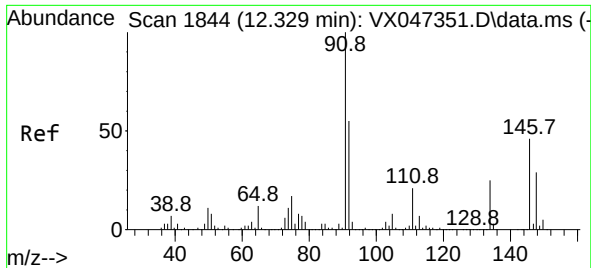


#88
1,4-Dichlorobenzene
Concen: 18.751 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



Tgt Ion:146 Resp: 135092
Ion Ratio Lower Upper
146 100
111 41.8 20.4 61.2
148 64.2 31.7 95.1





#89

n-Butylbenzene

Concen: 18.970 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

Tgt Ion: 91 Resp: 228109

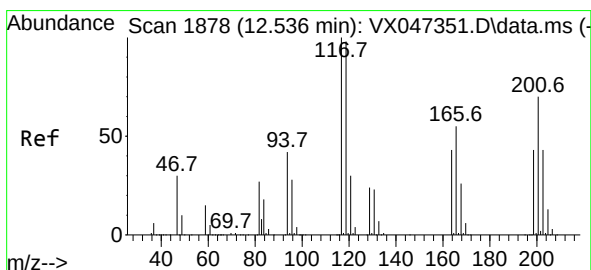
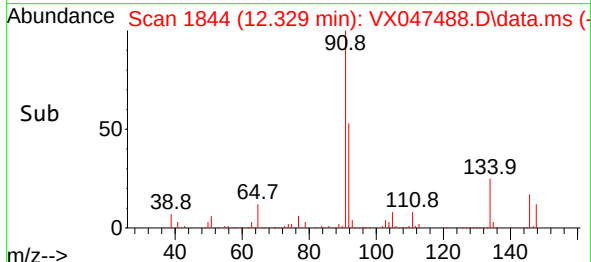
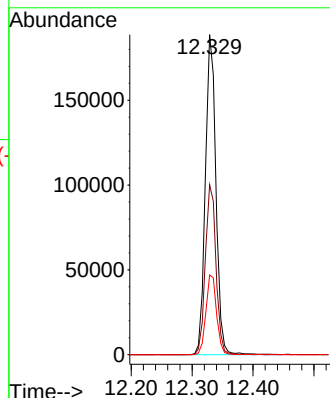
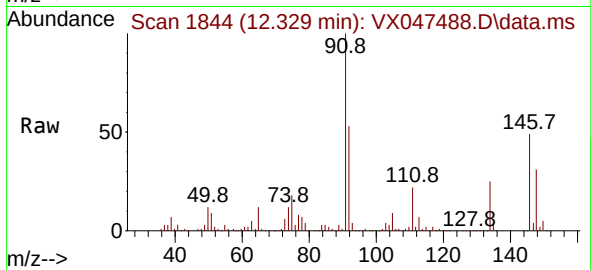
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	25.2	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#90

Hexachloroethane

Concen: 17.932 ug/l

RT: 12.536 min Scan# 1878

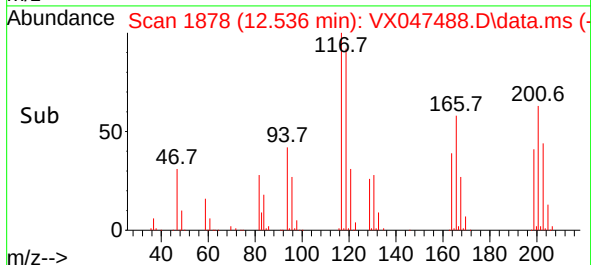
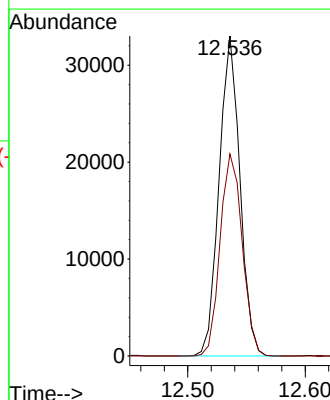
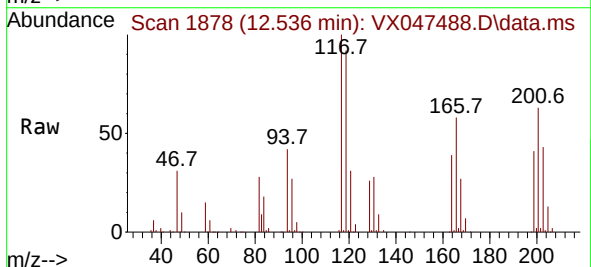
Delta R.T. -0.000 min

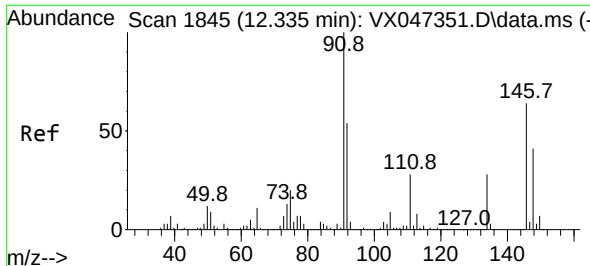
Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Tgt Ion:117 Resp: 40670

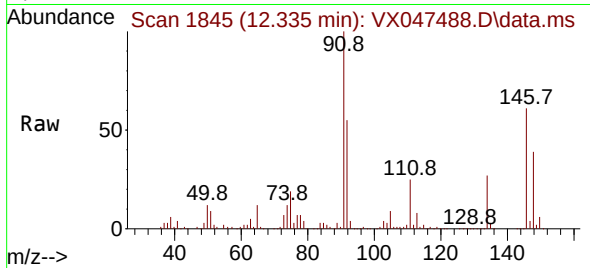
Ion	Ratio	Lower	Upper
117	100		
201	67.1	35.1	105.3





#91
1,2-Dichlorobenzene
Concen: 19.393 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

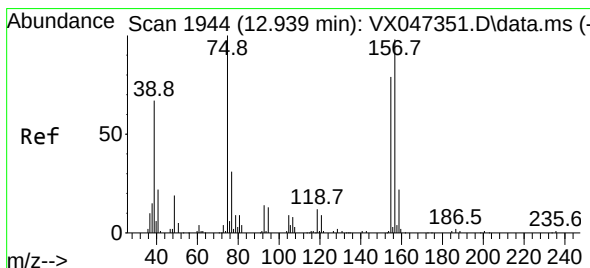
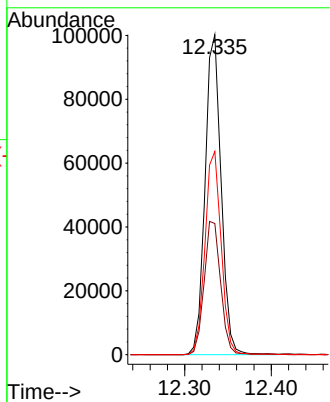
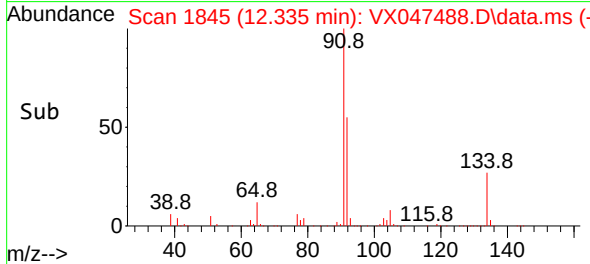
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



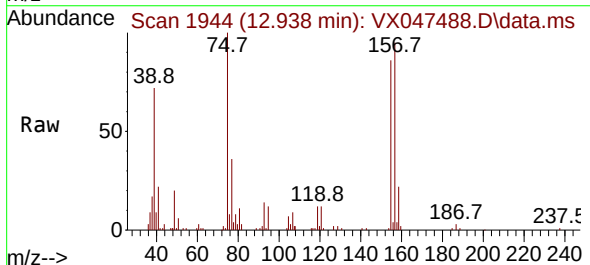
Tgt Ion:146 Resp: 128944
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.1
148 63.9 31.9 95.5

Manual Integrations
APPROVED

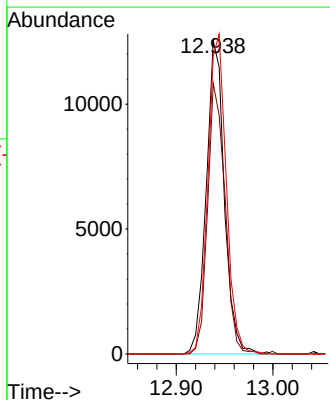
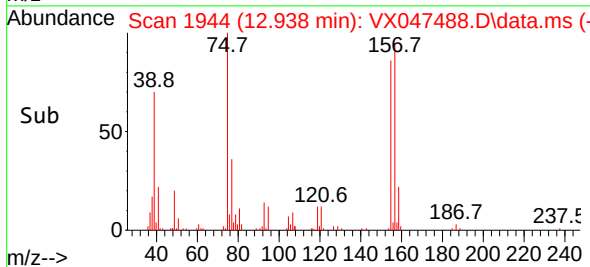
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

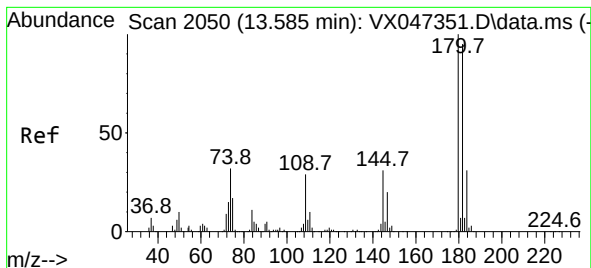


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.190 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51



Tgt Ion: 75 Resp: 16362
Ion Ratio Lower Upper
75 100
155 82.5 41.3 123.7
157 103.0 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 18.657 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBSD01

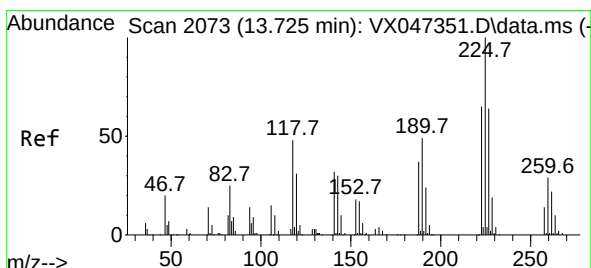
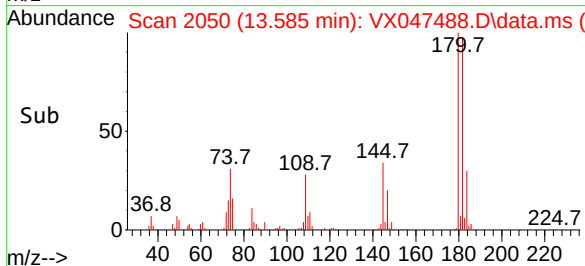
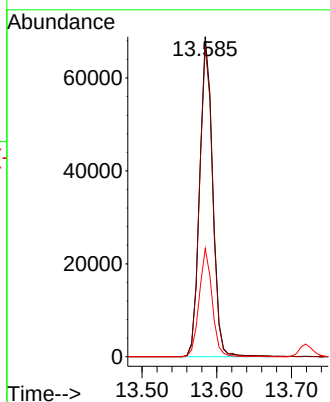
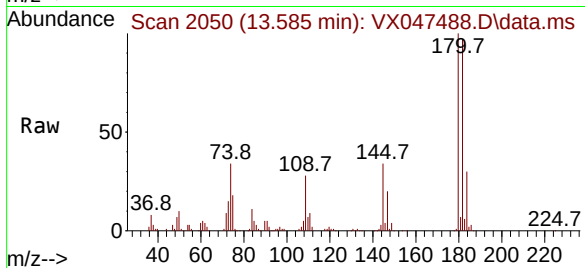
Tgt Ion:	180	Resp:	8315
Ion Ratio	Lower	Upper	
180	100		
182	97.4	48.1	144.4
145	33.3	16.2	48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#94

Hexachlorobutadiene

Concen: 19.133 ug/l

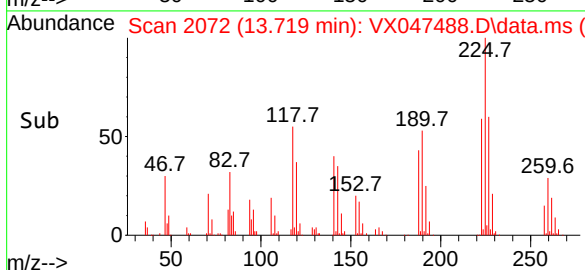
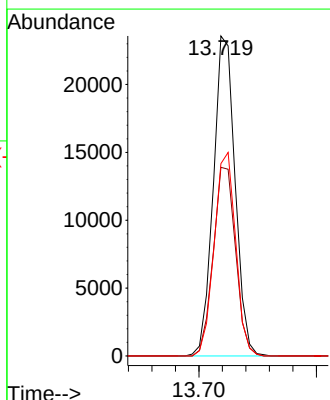
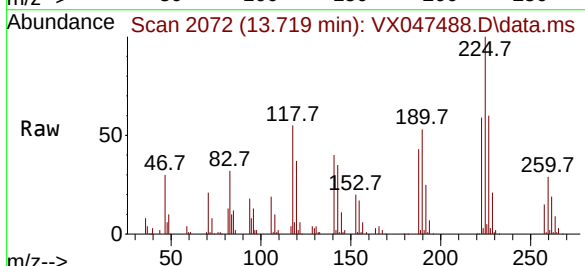
RT: 13.719 min Scan# 2072

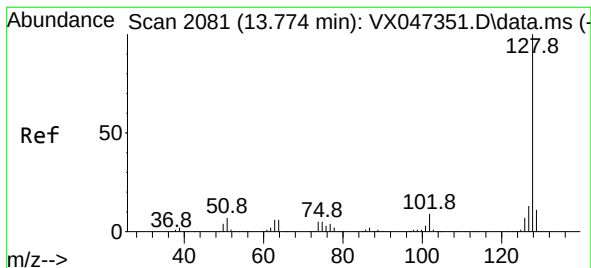
Delta R.T. -0.006 min

Lab File: VX047488.D

Acq: 22 Aug 2025 11:51

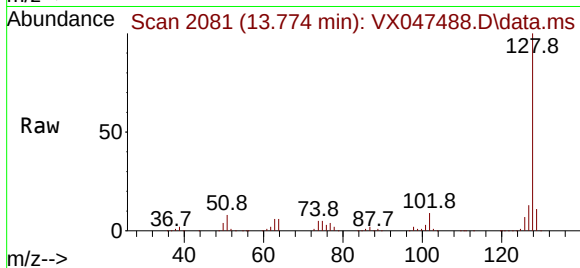
Tgt Ion:	225	Resp:	30356
Ion Ratio	Lower	Upper	
225	100		
223	60.4	32.2	96.6
227	62.6	31.6	95.0





#95
Naphthalene
Concen: 19.500 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

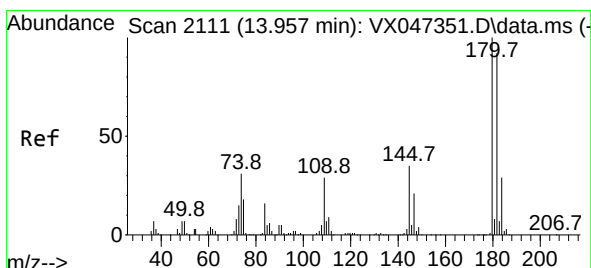
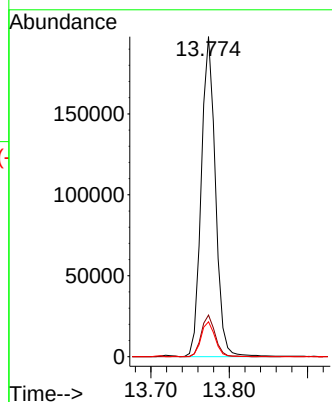
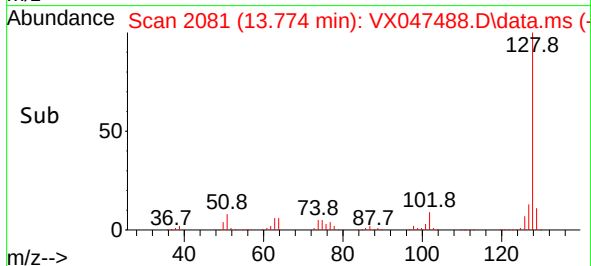
Instrument :
MSVOA_X
ClientSampleId :
VX0822WBSD01



Tgt Ion:128 Resp: 248392
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.132 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047488.D
Acq: 22 Aug 2025 11:51

Tgt Ion:180 Resp: 80383
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.2
145 35.7 17.4 52.2

