

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
 Data File : VX046927.D
 Acq On : 09 Jul 2025 13:15
 Operator : JC/MD
 Sample : Q2126-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 10 03:00:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2025
 Supervised By : Mahesh Dadoda 07/10/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	360532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	601555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	544598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	284583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	243583	51.141	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.280%			
35) Dibromofluoromethane	5.391	113	205063	50.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	8.647	98	712463	49.453	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.079	95	280125	51.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	1393	0.404	ug/l	92
3) Chloromethane	1.307	50	1812	0.481	ug/l #	83
4) Vinyl Chloride	1.386	62	2060	0.502	ug/l #	79
5) Bromomethane	1.630	94	1894	0.719	ug/l	93
6) Chloroethane	1.703	64	1325	0.489	ug/l	95
7) Trichlorofluoromethane	1.910	101	2699	0.425	ug/l	95
8) Diethyl Ether	2.142	74	862m	0.382	ug/l	
9) 1,1,2-Trichlorotrifluo...	2.349	101	1765	0.437	ug/l #	90
10) Methyl Iodide	2.465	142	2501	0.568	ug/l	97
11) Tert butyl alcohol	2.959	59	698	2.234	ug/l #	72
12) 1,1-Dichloroethene	2.343	96	2076	0.531	ug/l #	57
13) Acrolein	2.246	56	805	2.158	ug/l #	38
14) Allyl chloride	2.678	41	3642	0.523	ug/l #	92
15) Acrylonitrile	3.075	53	4028	2.230	ug/l	96
16) Acetone	2.386	43	3845	2.599	ug/l #	74
17) Carbon Disulfide	2.526	76	5415	0.528	ug/l #	92
18) Methyl Acetate	2.715	43	1781	0.457	ug/l #	81
19) Methyl tert-butyl Ether	3.123	73	4601	0.417	ug/l #	88
20) Methylene Chloride	2.800	84	8793	2.010	ug/l	92
21) trans-1,2-Dichloroethene	3.117	96	2022	0.505	ug/l	89
22) Diisopropyl ether	3.764	45	5897	0.439	ug/l #	26
23) Vinyl Acetate	3.745	43	21122m	2.097	ug/l	
24) 1,1-Dichloroethane	3.623	63	3938	0.513	ug/l #	82
25) 2-Butanone	4.611	43	4085	2.070	ug/l #	74
26) 2,2-Dichloropropane	4.495	77	2668	0.467	ug/l	78
27) cis-1,2-Dichloroethene	4.507	96	2714m	0.556	ug/l	
28) Bromochloromethane	4.922	49	1857m	0.491	ug/l	
29) Tetrahydrofuran	5.026	42	3112m	2.473	ug/l	
30) Chloroform	5.105	83	4265	0.544	ug/l	93
31) Cyclohexane	5.471	56	2955m	0.434	ug/l	
32) 1,1,1-Trichloroethane	5.379	97	3174m	0.485	ug/l	
36) 1,1-Dichloropropene	5.696	75	2942	0.534	ug/l #	49
37) Ethyl Acetate	4.788	43	2629m	0.560	ug/l	
38) Carbon Tetrachloride	5.684	117	2936	0.504	ug/l #	73
39) Methylcyclohexane	7.379	83	3506	0.509	ug/l	96
40) Benzene	6.044	78	7935	0.476	ug/l	94

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	923m	0.369	ug/l	
42) 1,2-Dichloroethane	6.111	62	3212	0.568	ug/l	87
43) Isopropyl Acetate	6.361	43	2577	0.359	ug/l #	75
44) Trichloroethene	7.135	130	2215	0.511	ug/l	100
45) 1,2-Dichloropropane	7.440	63	2003	0.476	ug/l #	86
46) Dibromomethane	7.598	93	1299	0.445	ug/l	83
47) Bromodichloromethane	7.830	83	2994	0.481	ug/l #	83
48) Methyl methacrylate	7.732	41	1451	0.391	ug/l #	82
49) 1,4-Dioxane	7.696	88	132	3.070	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	8838	2.084	ug/l	90
52) Toluene	8.720	92	5553	0.538	ug/l	95
53) t-1,3-Dichloropropene	8.994	75	2167	0.390	ug/l	97
54) cis-1,3-Dichloropropene	8.379	75	2849	0.449	ug/l #	81
55) 1,1,2-Trichloroethane	9.159	97	2121	0.551	ug/l #	84
56) Ethyl methacrylate	9.135	69	1927	0.362	ug/l #	81
57) 1,3-Dichloropropane	9.317	76	3342	0.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.263	63	4518	1.506	ug/l	91
59) 2-Hexanone	9.452	43	5487	1.950	ug/l	80
60) Dibromochloromethane	9.519	129	2235	0.486	ug/l	94
61) 1,2-Dibromoethane	9.616	107	1980	0.513	ug/l	88
64) Tetrachloroethene	9.275	164	1851	0.510	ug/l #	81
65) Chlorobenzene	10.079	112	6422	0.545	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	10.165	131	2084	0.527	ug/l #	63
67) Ethyl Benzene	10.195	91	9890	0.490	ug/l	93
68) m/p-Xylenes	10.305	106	7342	0.966	ug/l	99
69) o-Xylene	10.646	106	3473	0.473	ug/l	95
70) Styrene	10.665	104	5500	0.438	ug/l	95
71) Bromoform	10.799	173	1564	0.531	ug/l #	89
73) Isopropylbenzene	10.963	105	8405	0.420	ug/l	91
74) N-amyl acetate	10.848	43	2722m	0.400	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.213	83	2596	0.472	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	2001m	0.455	ug/l	
77) Bromobenzene	11.201	156	2660	0.534	ug/l	96
78) n-propylbenzene	11.305	91	11728	0.486	ug/l	97
79) 2-Chlorotoluene	11.366	91	6993	0.491	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	7938	0.488	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	651m	0.397	ug/l	
82) 4-Chlorotoluene	11.457	91	7912	0.481	ug/l	99
83) tert-Butylbenzene	11.713	119	7985	0.476	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	7554	0.460	ug/l	97
85) sec-Butylbenzene	11.890	105	9590	0.453	ug/l	98
86) p-Isopropyltoluene	12.006	119	8327	0.470	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	4819	0.517	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	5500m	0.567	ug/l	
89) n-Butylbenzene	12.335	91	6979	0.419	ug/l	94
90) Hexachloroethane	12.530	117	1332	0.424	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	4112	0.455	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.951	75	407	0.423	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	3150	0.513	ug/l	93
94) Hexachlorobutadiene	13.725	225	1370	0.592	ug/l	100
95) Naphthalene	13.780	128	6215	0.384	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2988	0.515	ug/l	89

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ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

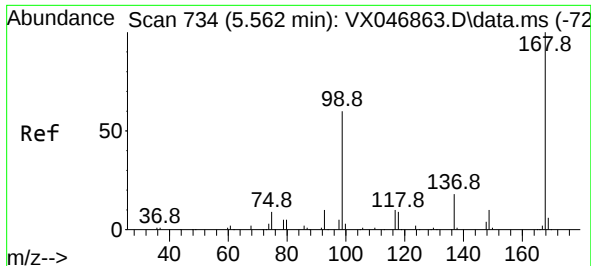
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

Quant Time: Jul 10 03:00:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 10 02:52:52 2025
Response via : Initial Calibration

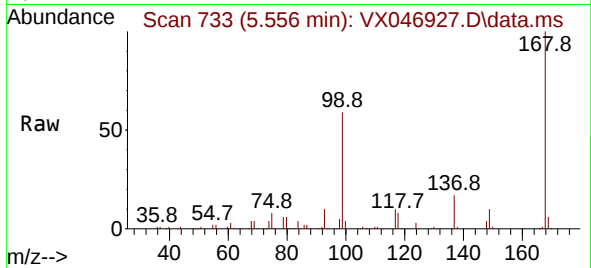
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

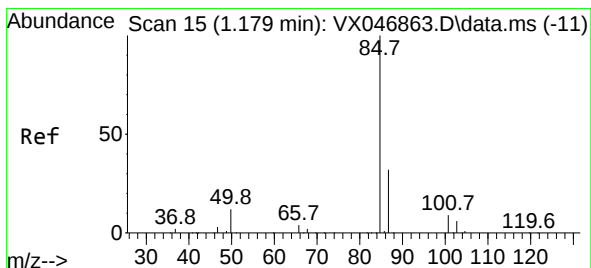
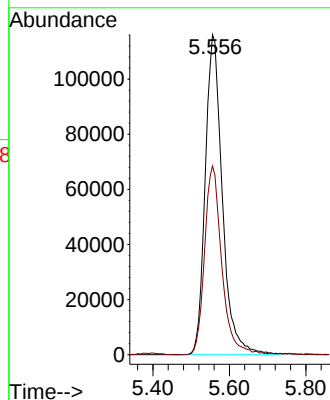
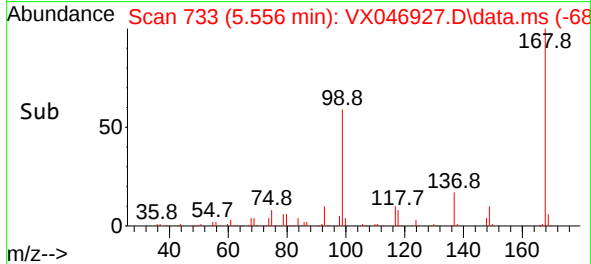
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:168 Resp: 36053
Ion Ratio Lower Upper
168 100
99 59.0 48.8 73.2

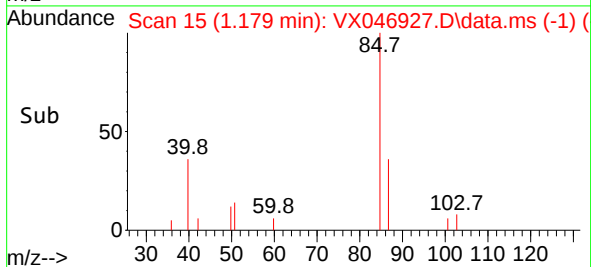
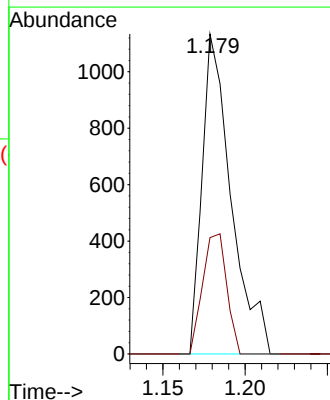
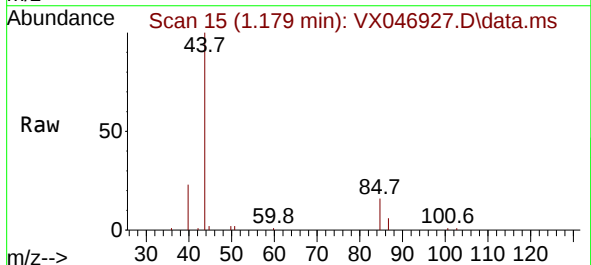
Manual Integrations
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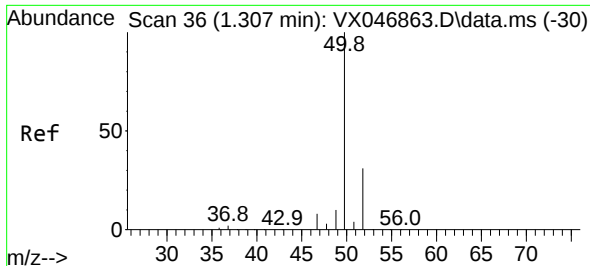
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#2
Dichlorodifluoromethane
Concen: 0.404 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

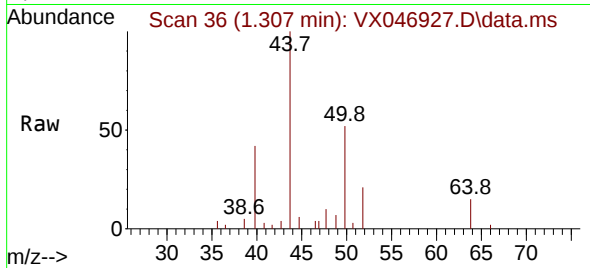
Tgt Ion: 85 Resp: 1393
Ion Ratio Lower Upper
85 100
87 36.3 16.0 47.9





#3
Chloromethane
Concen: 0.481 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

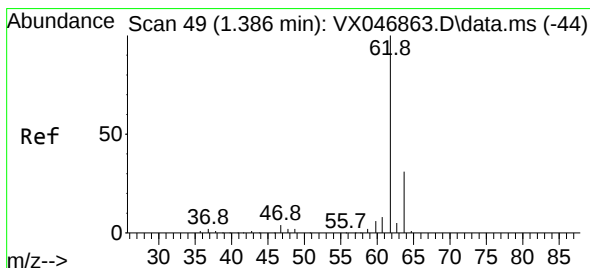
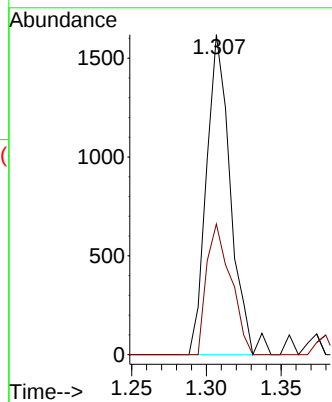
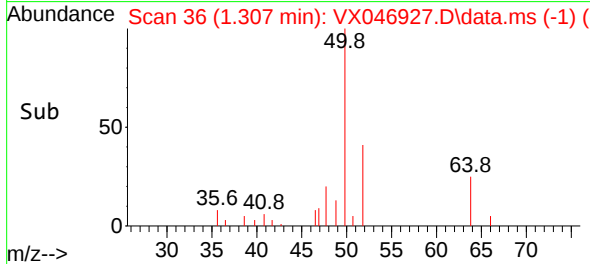
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 40.8 25.0 37.4

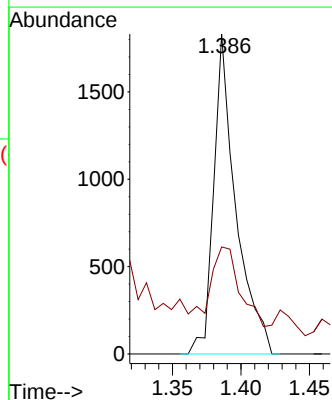
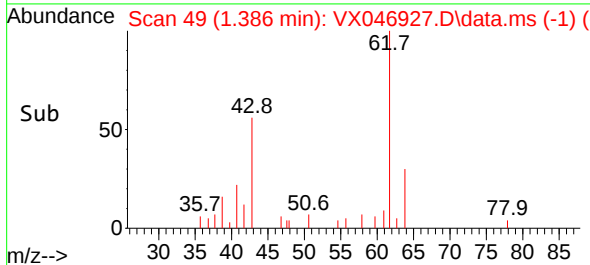
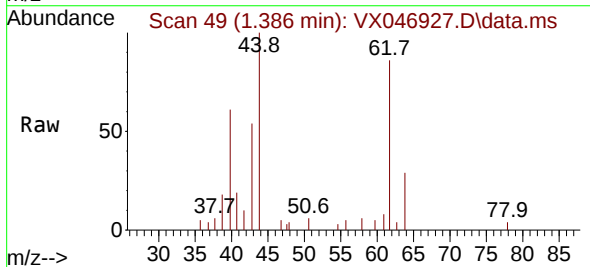
Manual Integrations
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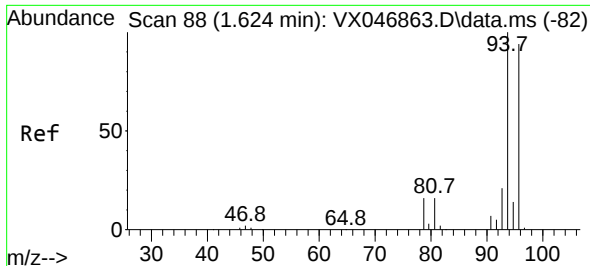
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#4
Vinyl Chloride
Concen: 0.502 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

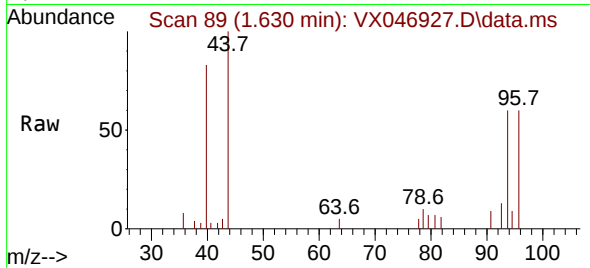
Tgt Ion: 62 Resp: 2060
Ion Ratio Lower Upper
62 100
64 19.7 25.0 37.4





#5
Bromomethane
Concen: 0.719 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

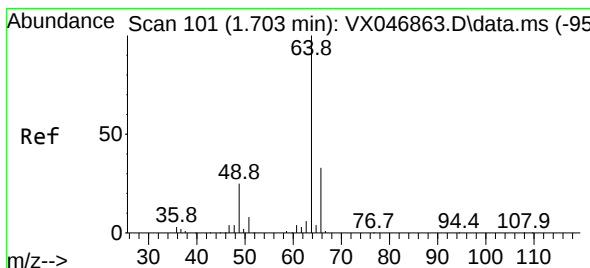
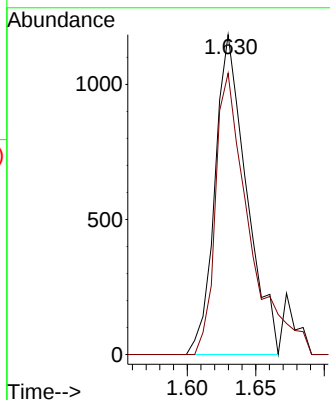
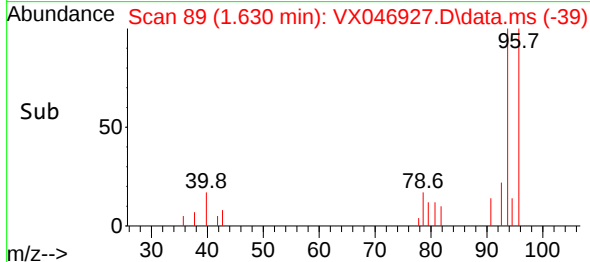
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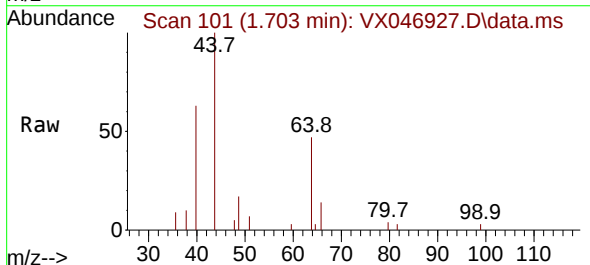
Tgt Ion: 94 Resp: 1894
Ion Ratio Lower Upper
94 100
96 87.9 75.5 113.3

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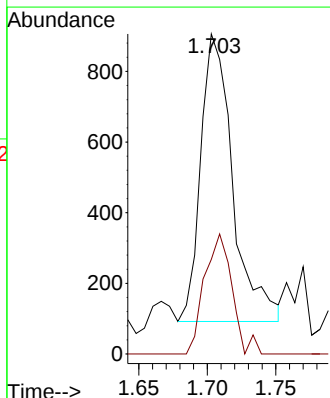
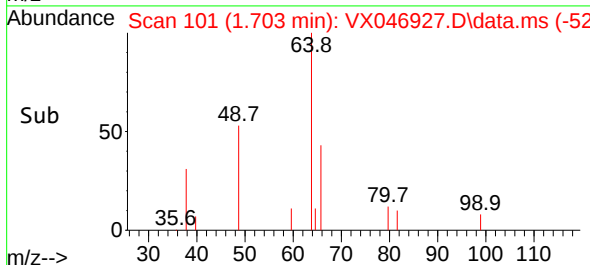
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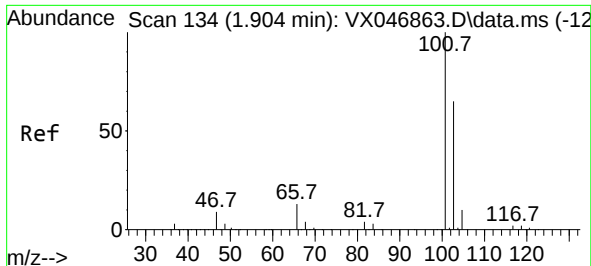


#6
Chloroethane
Concen: 0.489 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15



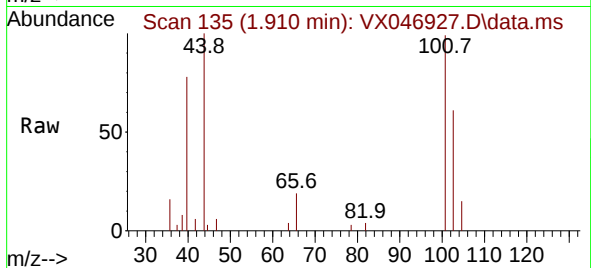
Tgt Ion: 64 Resp: 1325
Ion Ratio Lower Upper
64 100
66 30.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 0.425 ug/l
RT: 1.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

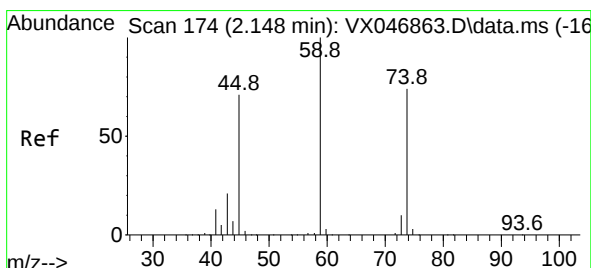
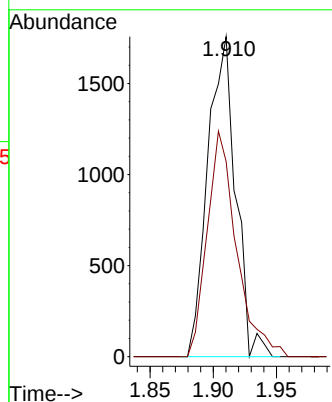
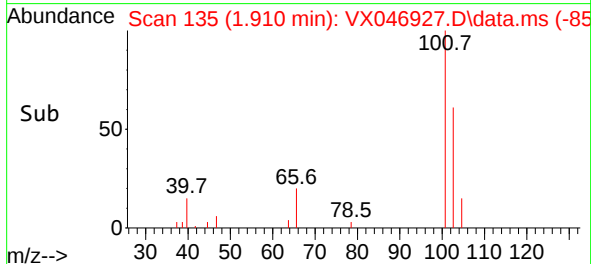
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:101 Resp: 269
Ion Ratio Lower Upper
101 100
103 61.0 51.9 77.9

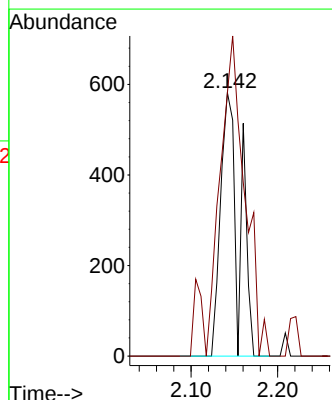
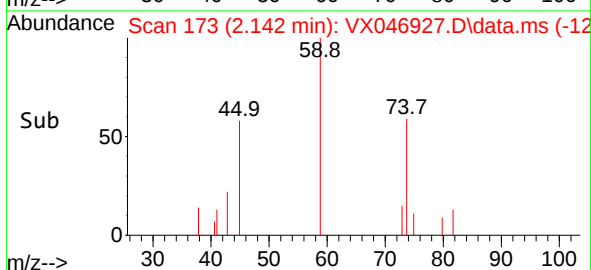
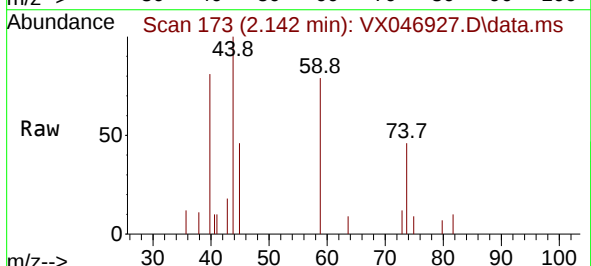
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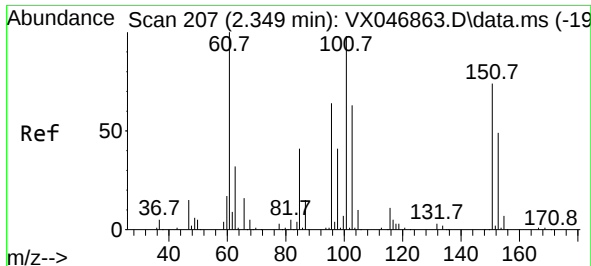
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#8
Diethyl Ether
Concen: 0.382 ug/l m
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion: 74 Resp: 862
Ion Ratio Lower Upper
74 100
45 160.7 50.7 152.1#





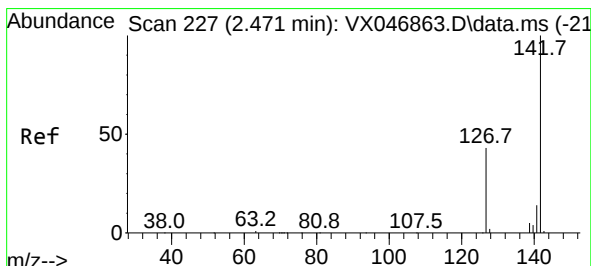
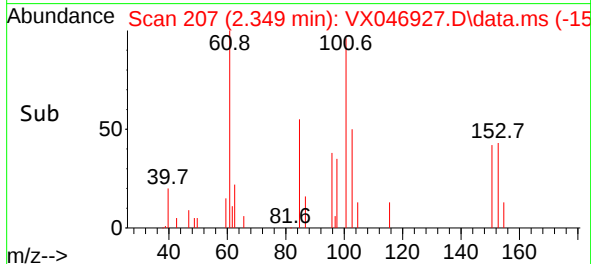
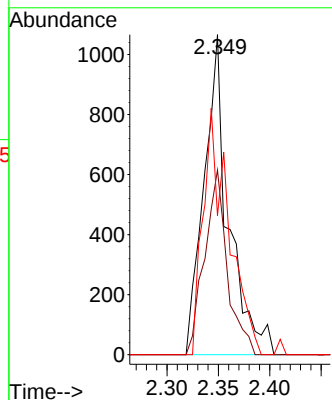
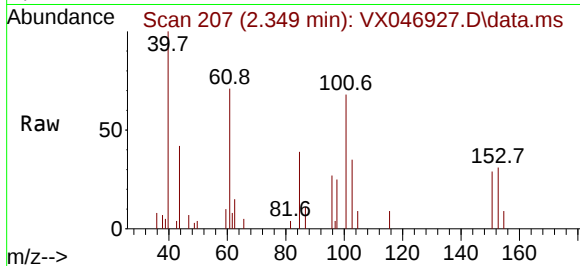
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.437 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:101 Resp: 176
Ion Ratio Lower Upper
101 100
85 53.5 34.3 51.5
151 80.7 59.9 89.9

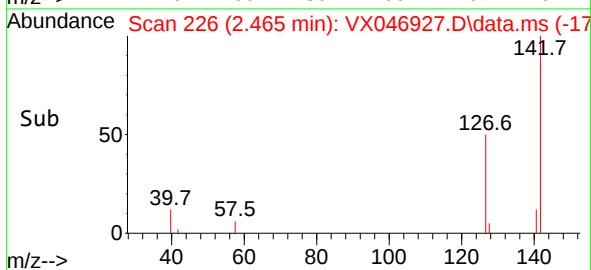
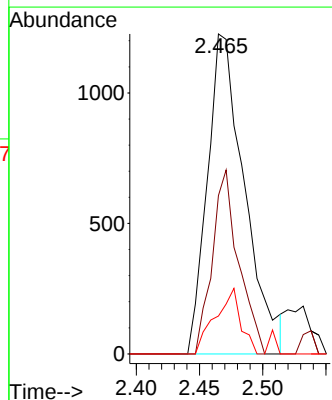
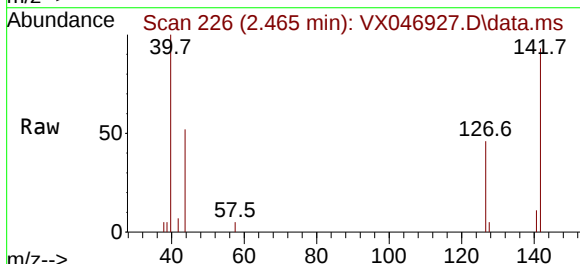
Manual Integrations
APPROVED

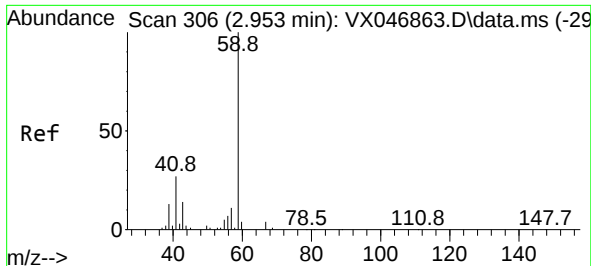
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#10
Methyl Iodide
Concen: 0.568 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

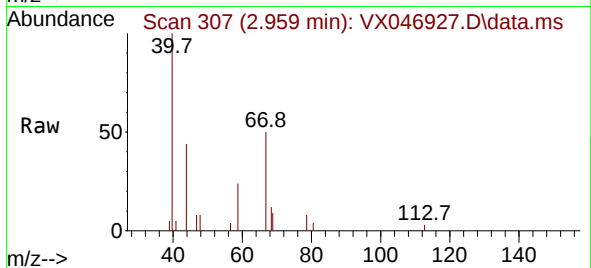
Tgt Ion:142 Resp: 2501
Ion Ratio Lower Upper
142 100
127 40.8 34.9 52.3
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 2.234 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

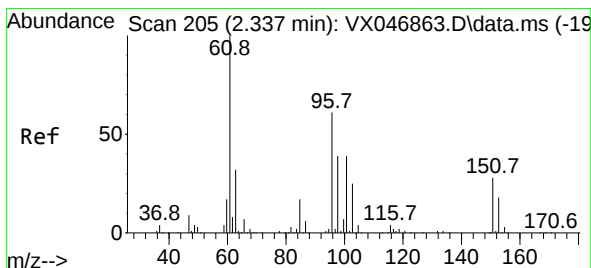
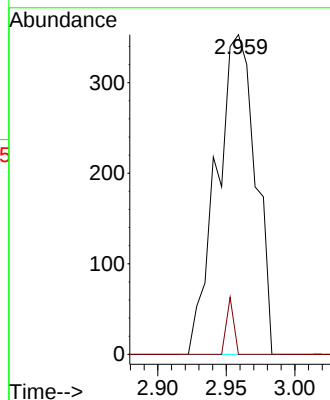
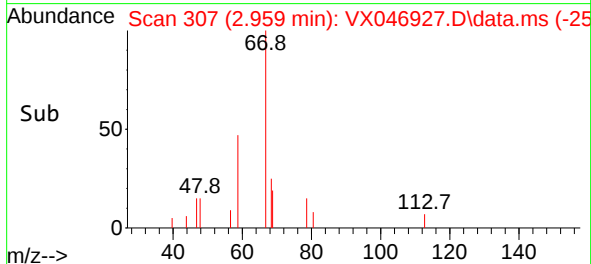
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



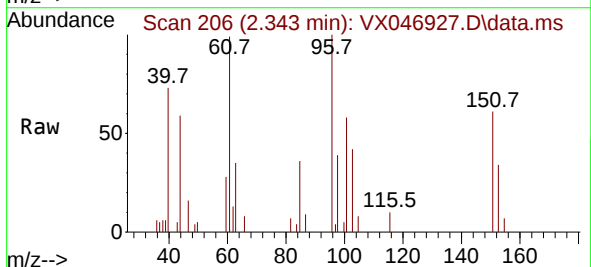
Tgt Ion: 59 Resp: 698
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7

Manual Integrations
APPROVED

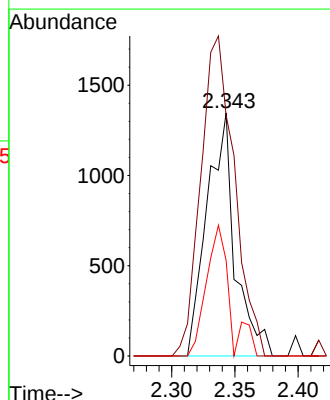
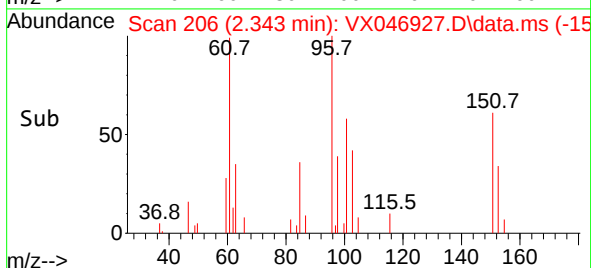
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

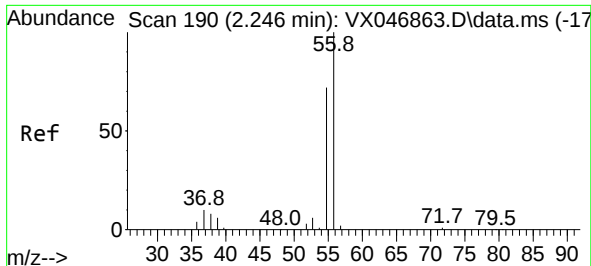


#12
1,1-Dichloroethene
Concen: 0.531 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15



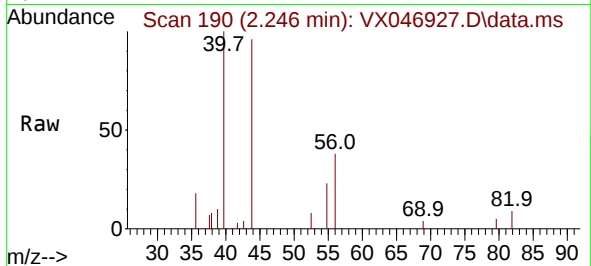
Tgt Ion: 96 Resp: 2076
Ion Ratio Lower Upper
96 100
61 99.0 130.2 195.4#
98 39.3 51.3 76.9#





#13
Acrolein
Concen: 2.158 ug/l
RT: 2.246 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

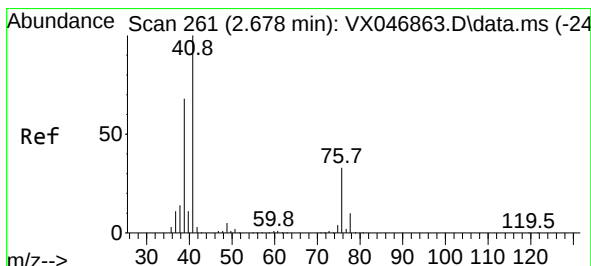
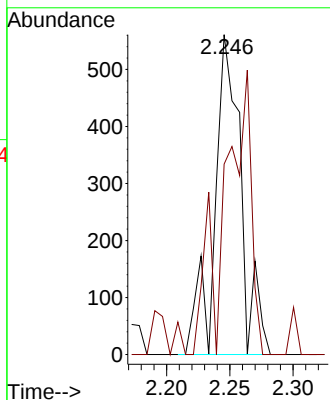
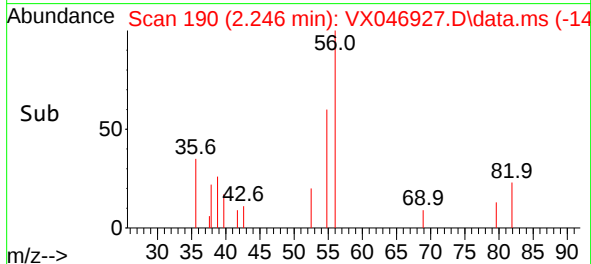
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 56 Resp: 809
Ion Ratio Lower Upper
56 100
55 18.4 55.5 83.3

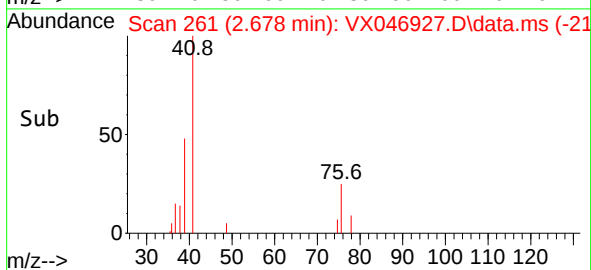
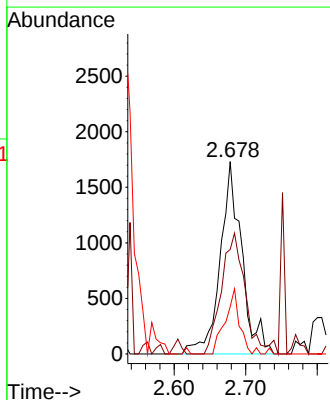
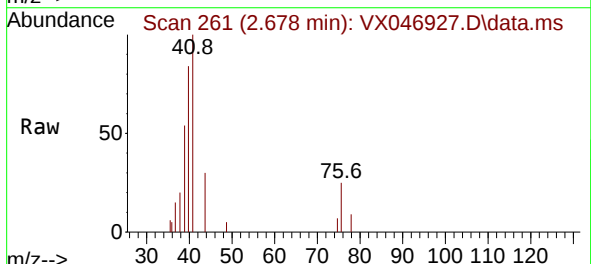
Manual Integrations
APPROVED

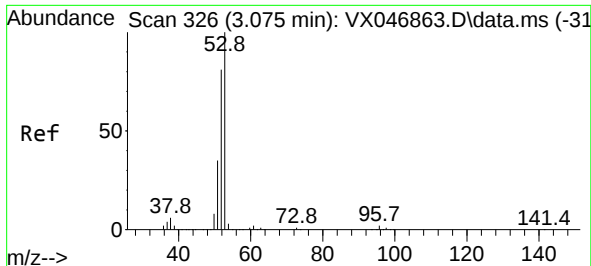
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#14
Allyl chloride
Concen: 0.523 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

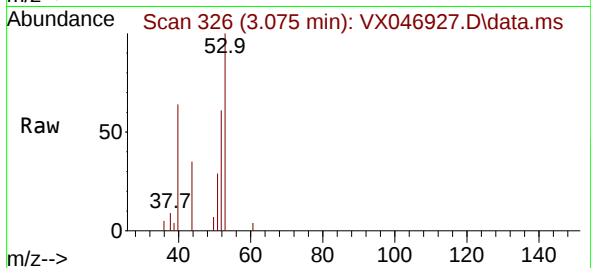
Tgt Ion: 41 Resp: 3642
Ion Ratio Lower Upper
41 100
39 67.0 52.0 78.0
76 22.7 26.2 39.2





#15
Acrylonitrile
Concen: 2.230 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

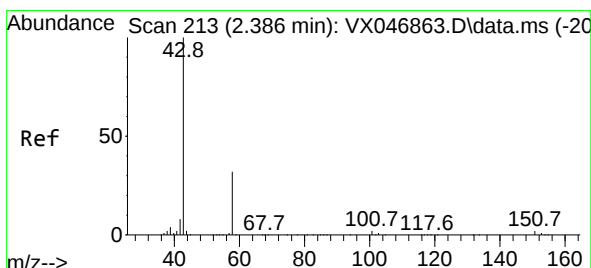
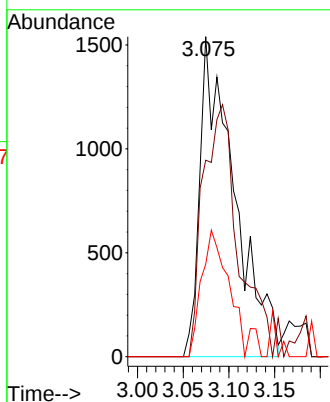
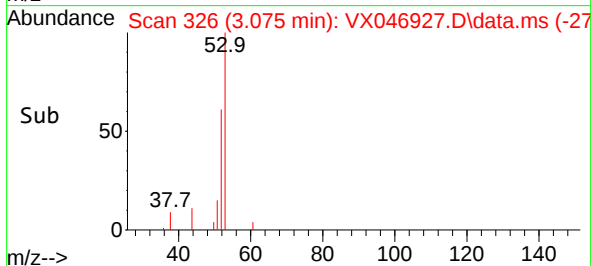
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



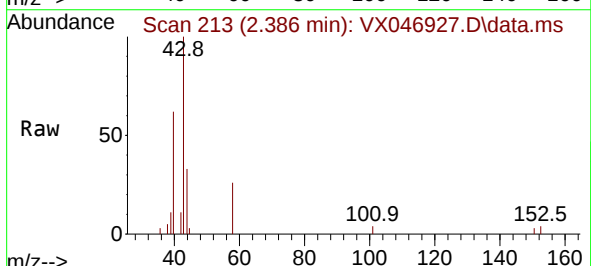
Tgt Ion: 53 Resp: 4028
Ion Ratio Lower Upper
53 100
52 80.4 66.0 99.0
51 30.6 28.6 43.0

Manual Integrations
APPROVED

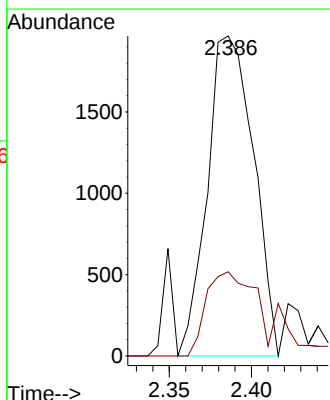
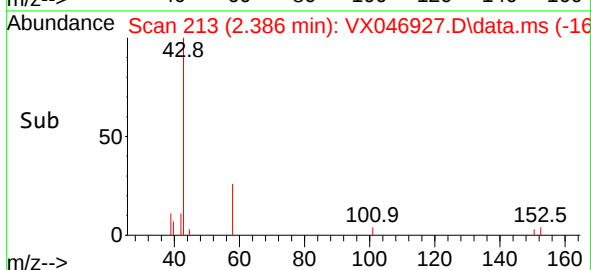
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

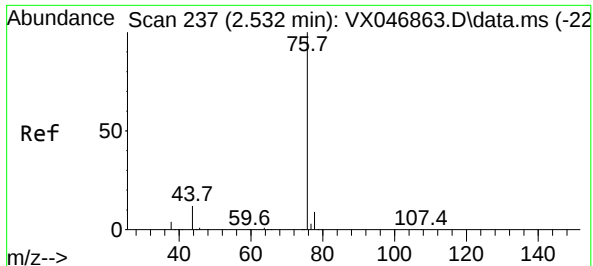


#16
Acetone
Concen: 2.599 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15



Tgt Ion: 43 Resp: 3845
Ion Ratio Lower Upper
43 100
58 46.7 25.8 38.6#





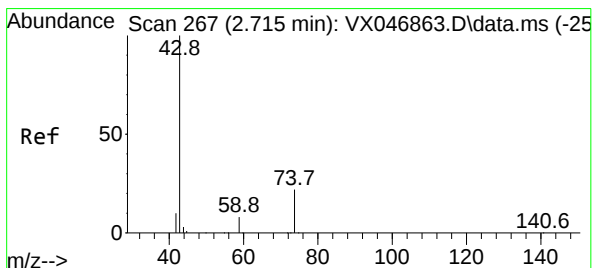
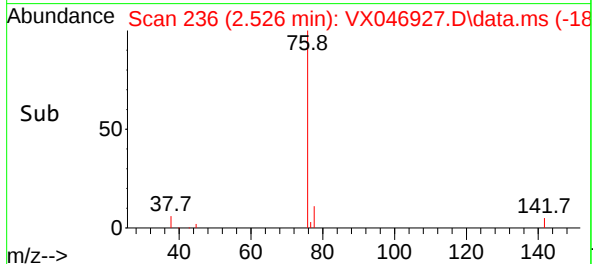
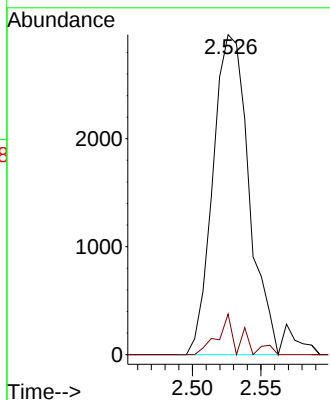
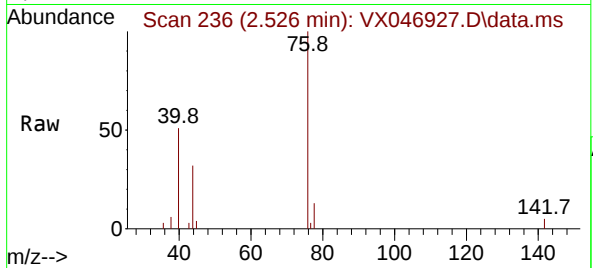
#17
Carbon Disulfide
Concen: 0.528 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 541
Ion Ratio Lower Upper
76 100
78 12.3 7.4 11.2

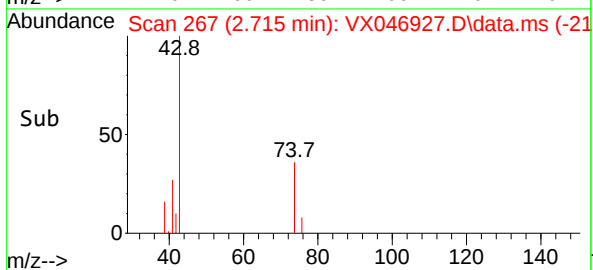
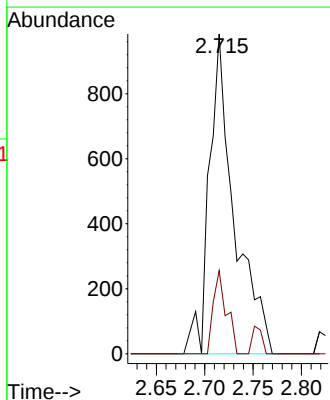
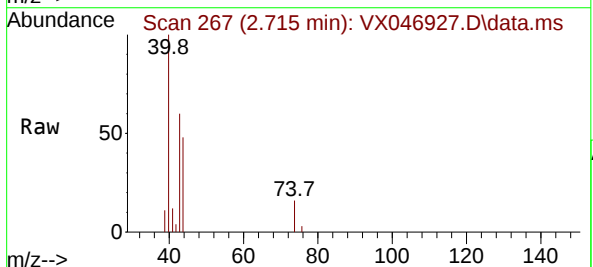
Manual Integrations
APPROVED

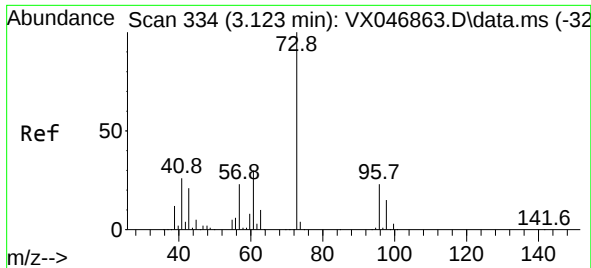
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#18
Methyl Acetate
Concen: 0.457 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
74 13.5 18.3 27.5





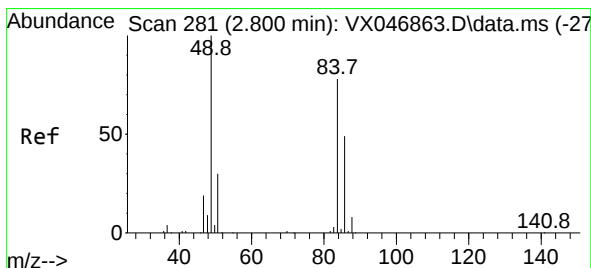
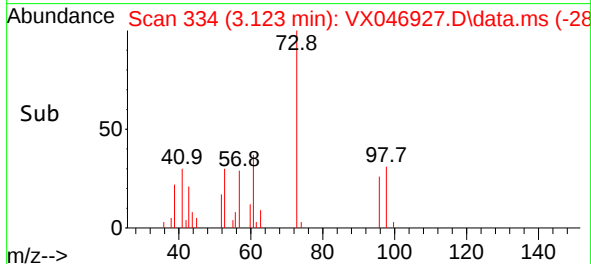
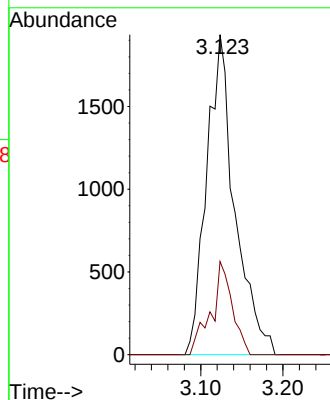
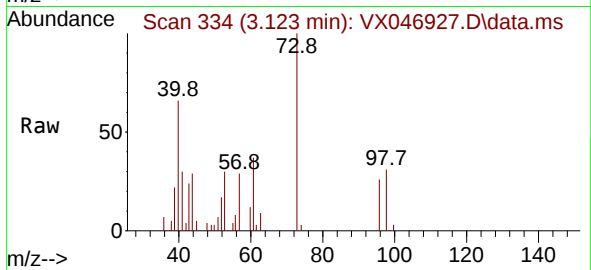
#19
Methyl tert-butyl Ether
Concen: 0.417 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 73 Resp: 460
Ion Ratio Lower Upper
73 100
57 29.1 18.6 28.0

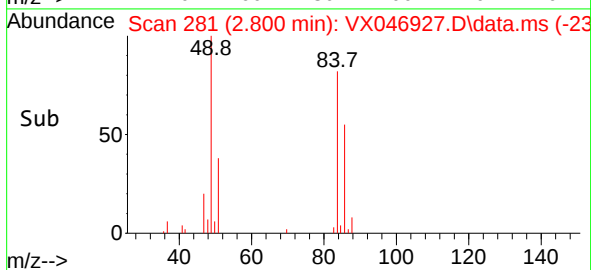
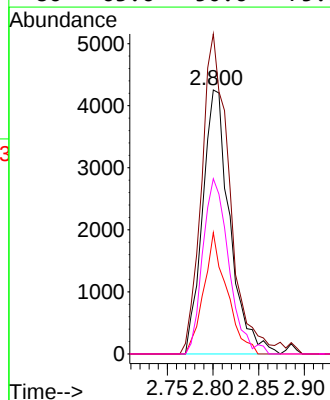
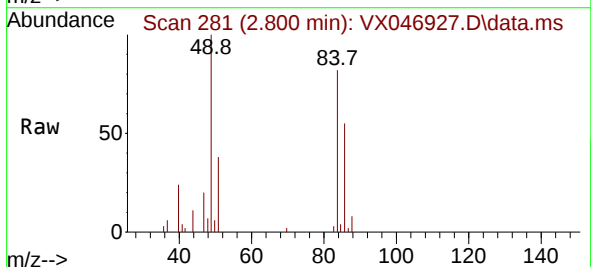
Manual Integrations
APPROVED

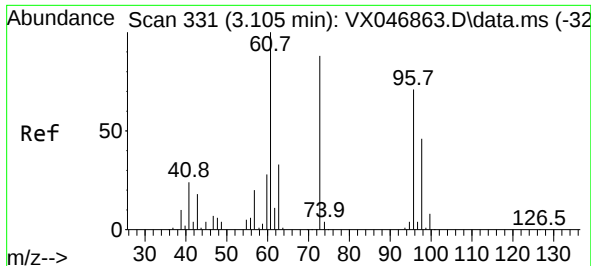
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#20
Methylene Chloride
Concen: 2.010 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

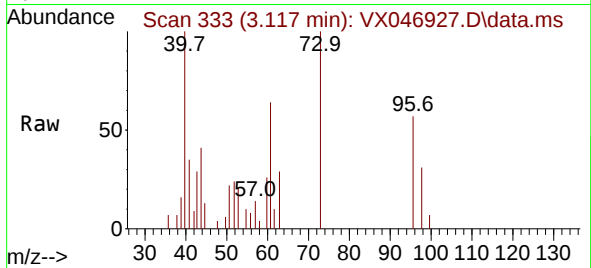
Tgt Ion: 84 Resp: 8793
Ion Ratio Lower Upper
84 100
49 116.2 102.8 154.2
51 44.0 31.1 46.7
86 63.6 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 0.505 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

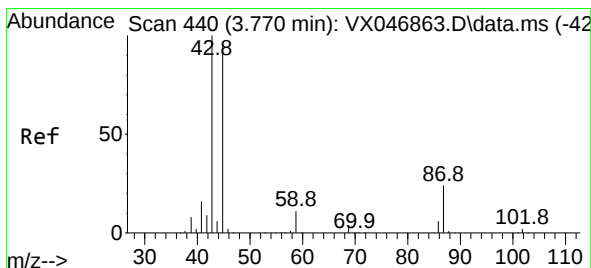
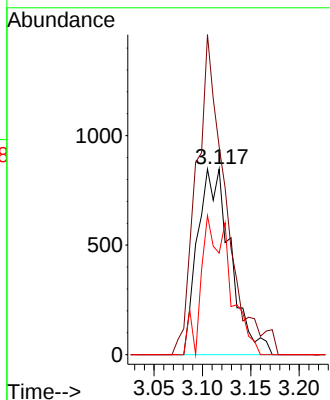
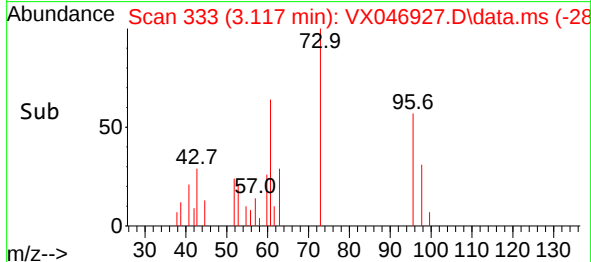
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 96 Resp: 202
Ion Ratio Lower Upper
96 100
61 129.2 113.4 170.2
98 54.7 51.8 77.6

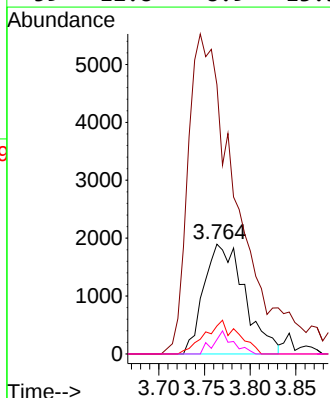
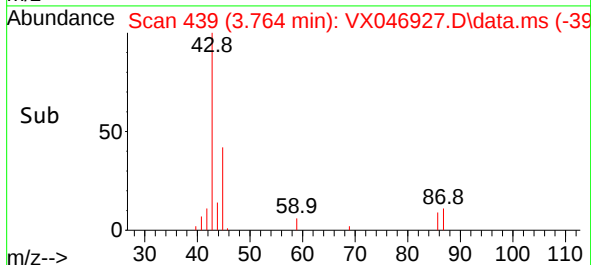
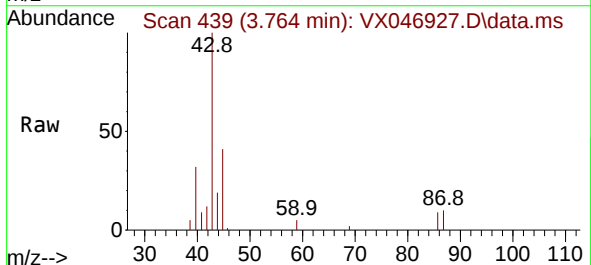
Manual Integrations
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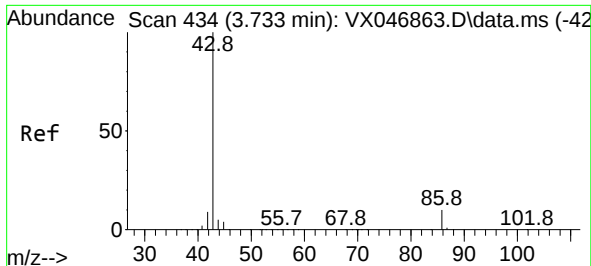
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#22
Diisopropyl ether
Concen: 0.439 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion: 45 Resp: 5897
Ion Ratio Lower Upper
45 100
43 207.7 84.2 126.4#
87 24.8 20.3 30.5
59 12.8 8.9 13.3





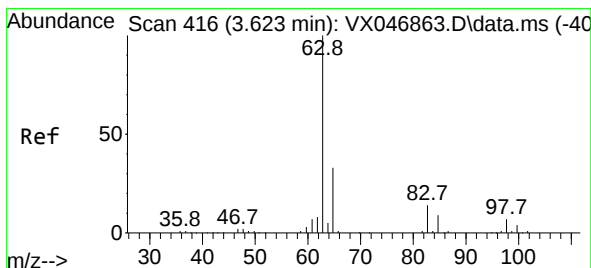
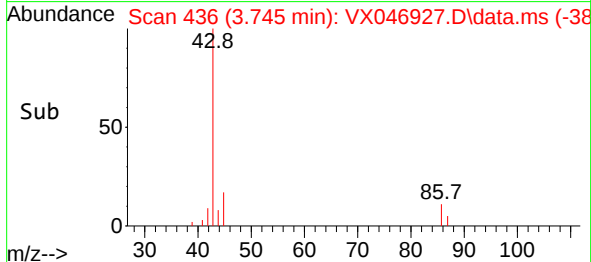
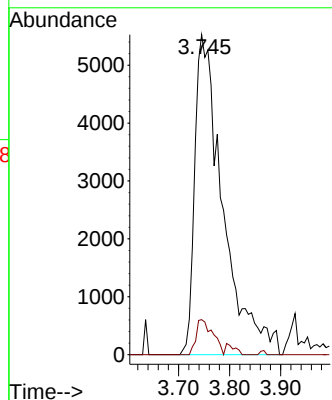
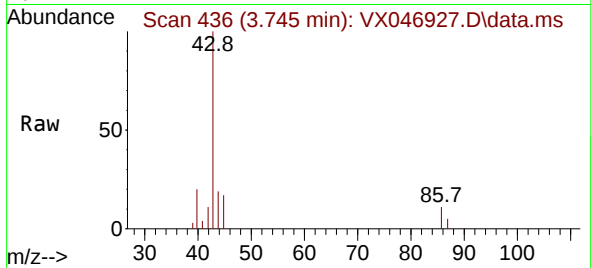
#23
 Vinyl Acetate
 Concen: 2.097 ug/l m
 RT: 3.745 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX046927.D
 Acq: 09 Jul 2025 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 2112
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.4

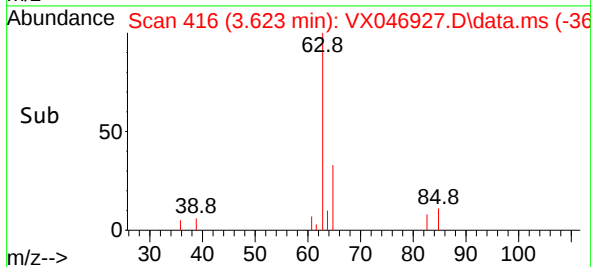
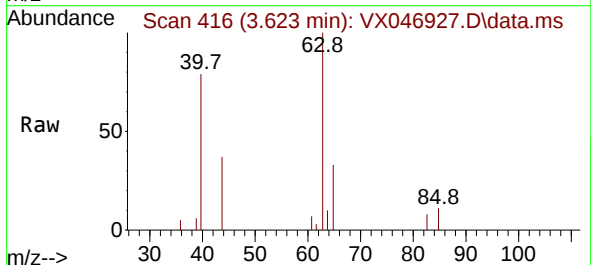
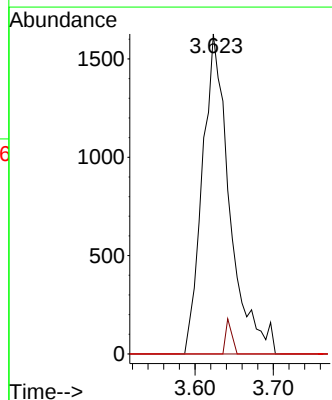
Manual Integrations
 APPROVED

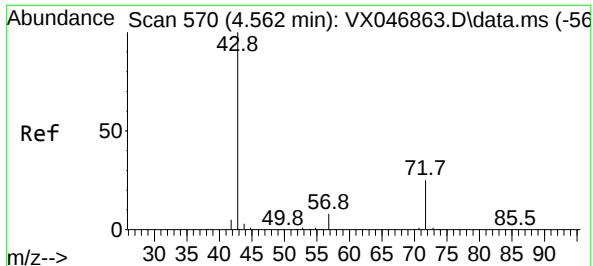
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#24
 1,1-Dichloroethane
 Concen: 0.513 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046927.D
 Acq: 09 Jul 2025 13:15

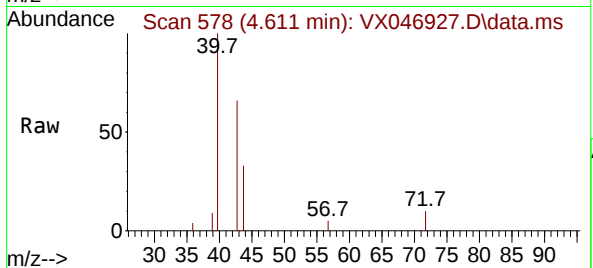
Tgt Ion: 63 Resp: 3938
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.3 6.9#





#25
2-Butanone
Concen: 2.070 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

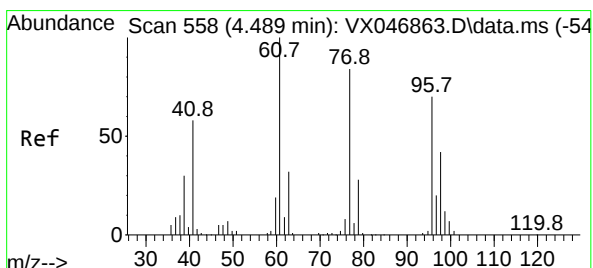
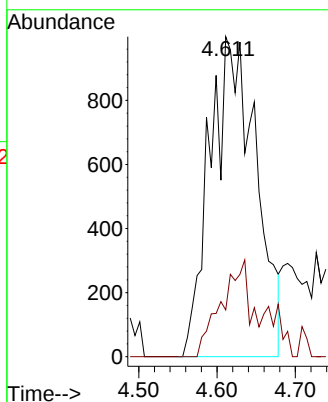
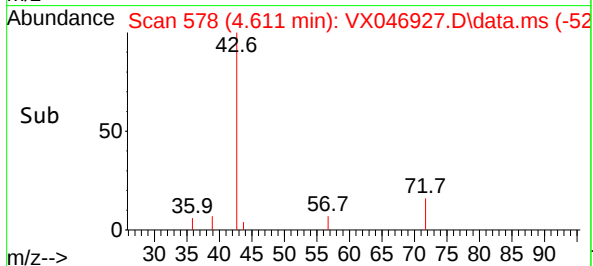
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 408
Ion Ratio Lower Upper
43 100
72 11.8 20.0 30.0

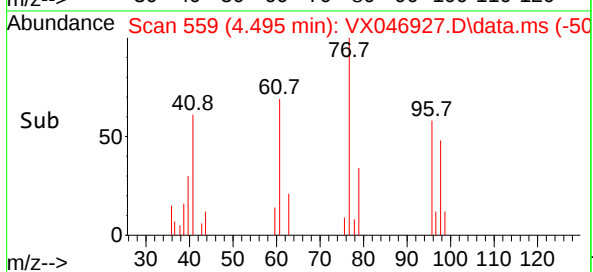
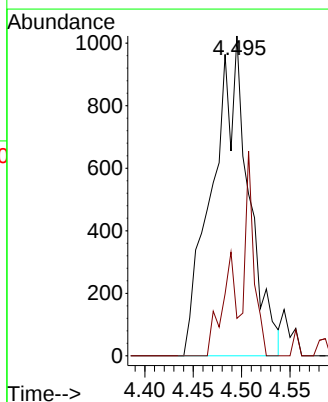
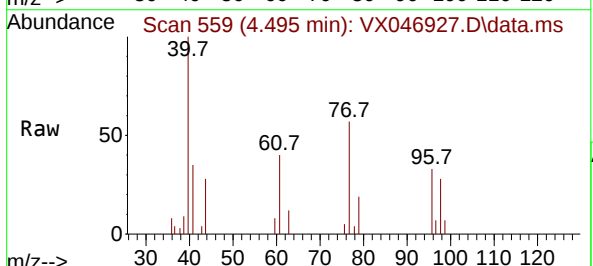
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#26
2,2-Dichloropropane
Concen: 0.467 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion: 77 Resp: 2668
Ion Ratio Lower Upper
77 100
97 12.1 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 0.556 ug/l m

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

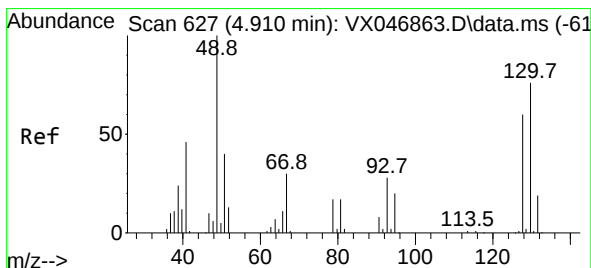
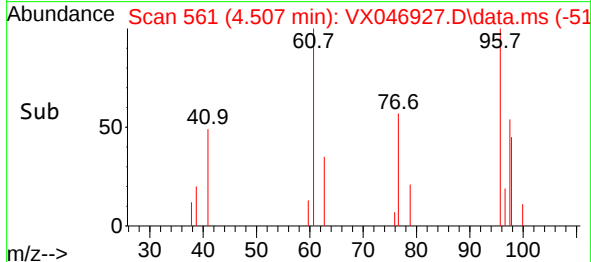
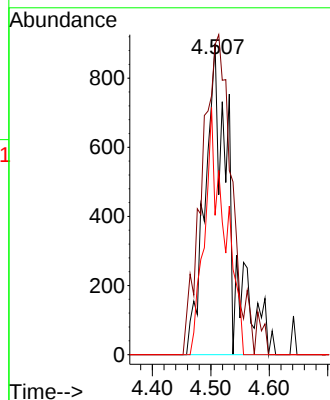
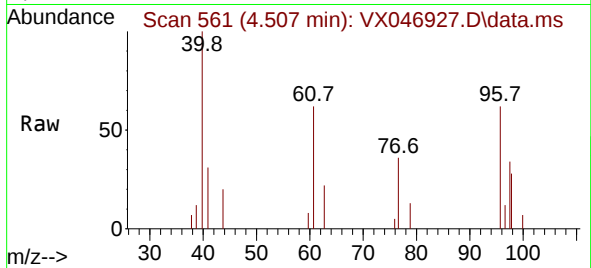
Tgt Ion: 96	Resp: 2714
Ion Ratio	Lower Upper
96 100	
61 119.0	0.0 288.6
98 63.4	0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#28

Bromochloromethane

Concen: 0.491 ug/l m

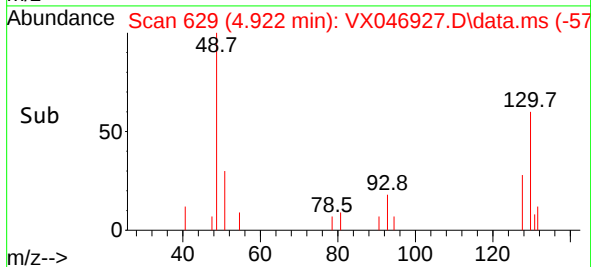
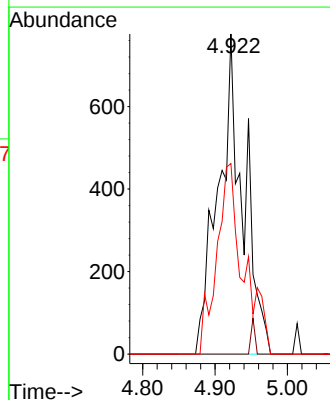
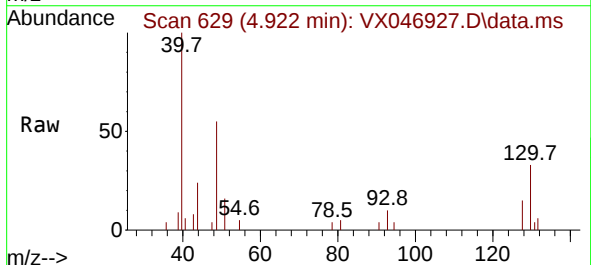
RT: 4.922 min Scan# 629

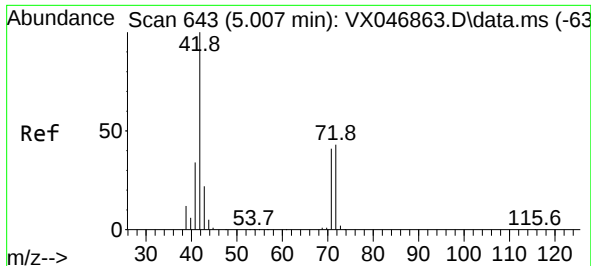
Delta R.T. 0.012 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Tgt Ion: 49	Resp: 1857
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.2
130 64.1	61.7 92.5





#29

Tetrahydrofuran

Concen: 2.473 ug/l m

RT: 5.026 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 42 Resp: 311

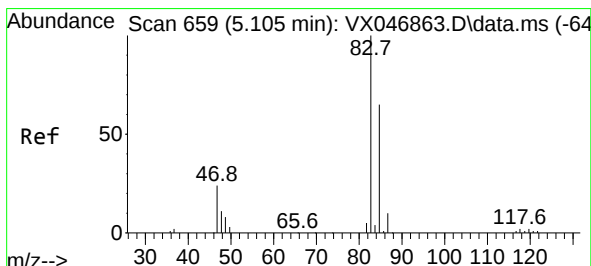
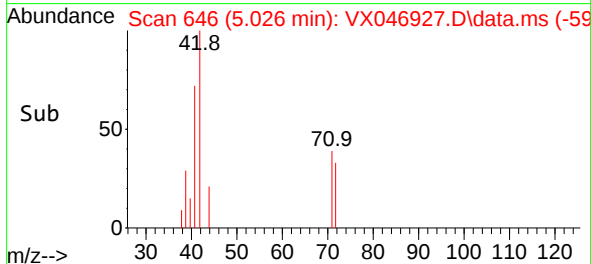
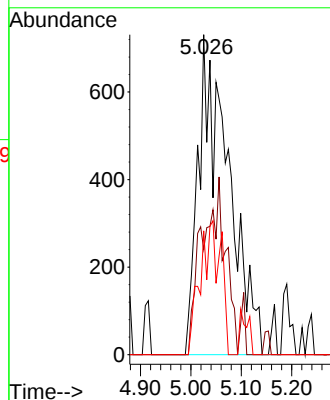
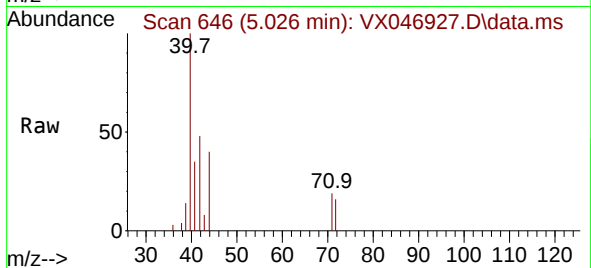
Ion	Ratio	Lower	Upper
42	100		
72	12.4	35.1	52.7
71	0.0	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#30

Chloroform

Concen: 0.544 ug/l

RT: 5.105 min Scan# 659

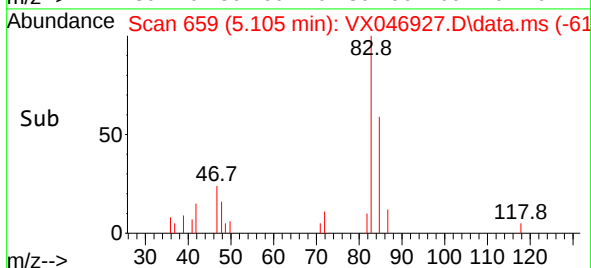
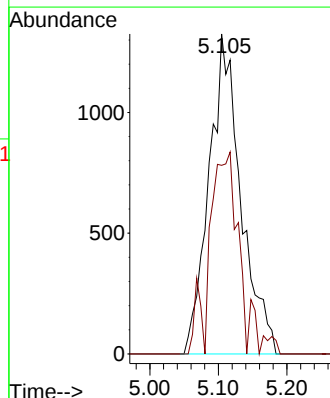
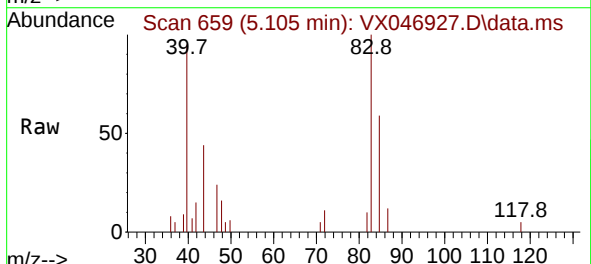
Delta R.T. -0.000 min

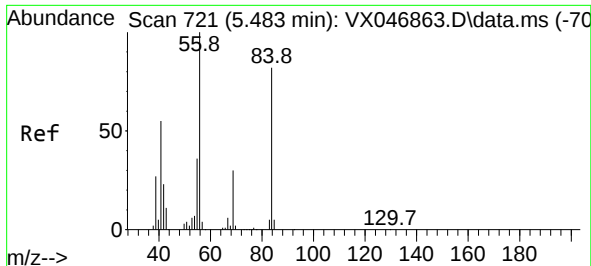
Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Tgt Ion: 83 Resp: 4265

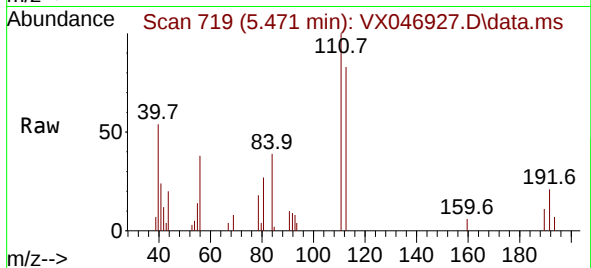
Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.8	77.8





#31
Cyclohexane
Concen: 0.434 ug/l m
RT: 5.471 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

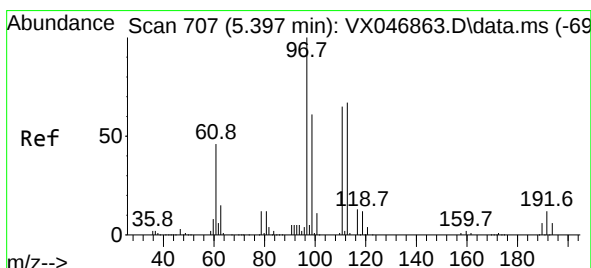
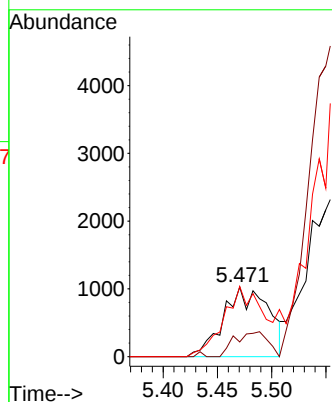
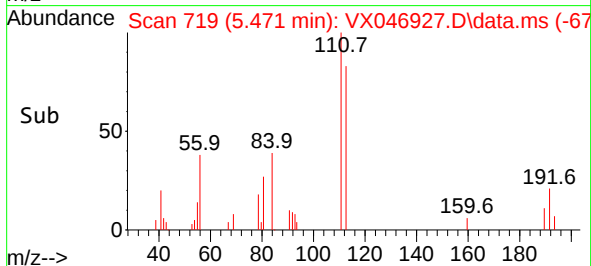
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 56 Resp: 295
Ion Ratio Lower Upper
56 100
69 21.2 24.0 36.0
84 101.1 66.5 99.7

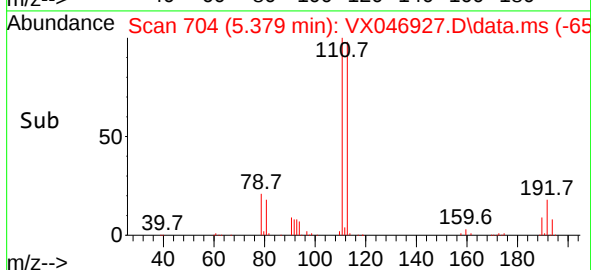
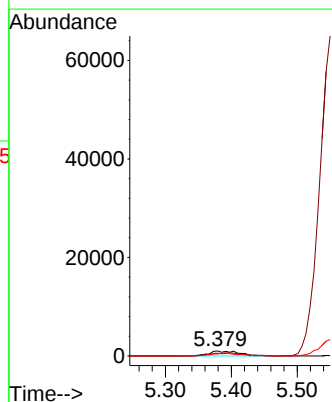
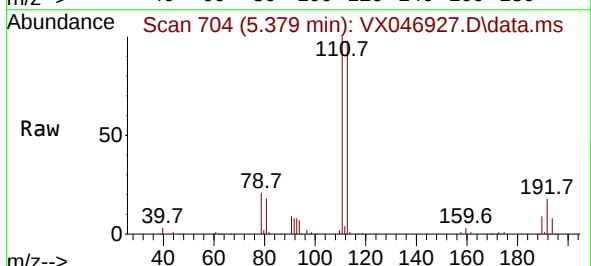
Manual Integrations
APPROVED

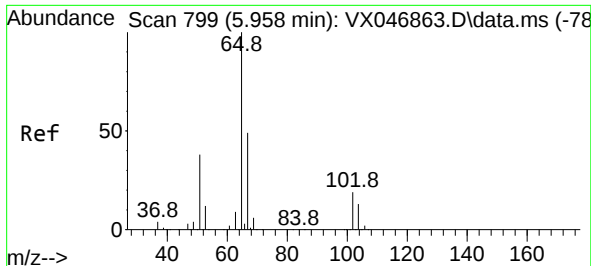
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#32
1,1,1-Trichloroethane
Concen: 0.485 ug/l m
RT: 5.379 min Scan# 704
Delta R.T. -0.018 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion: 97 Resp: 3174
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0
61 52.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 51.141 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 65 Resp: 24358

Ion Ratio Lower Upper

65 100

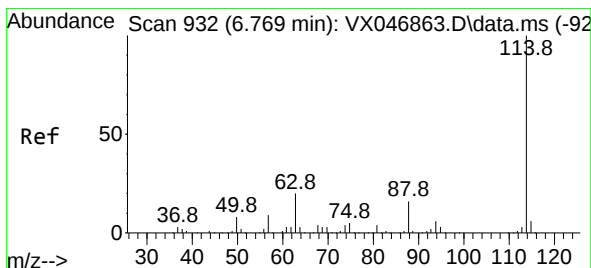
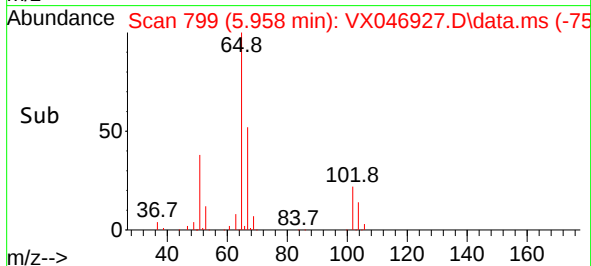
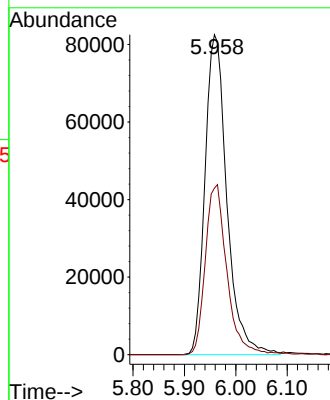
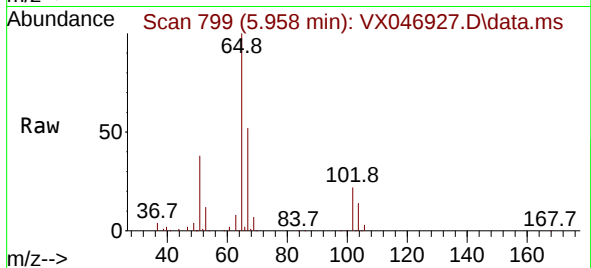
67 52.5 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

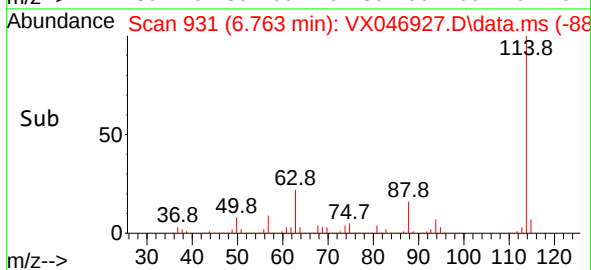
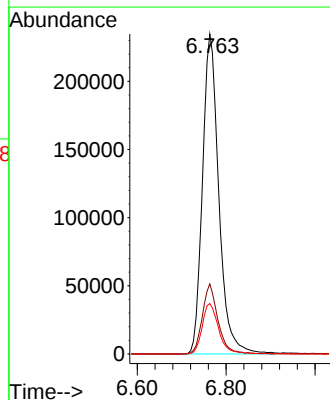
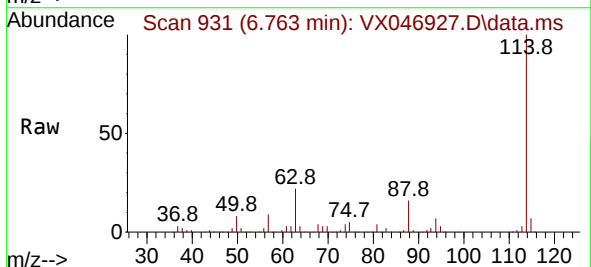
Tgt Ion:114 Resp: 601555

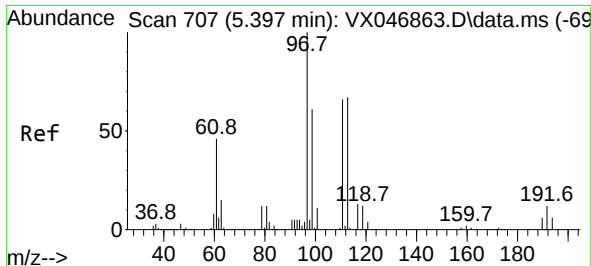
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.4

88 15.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.219 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX046927.D

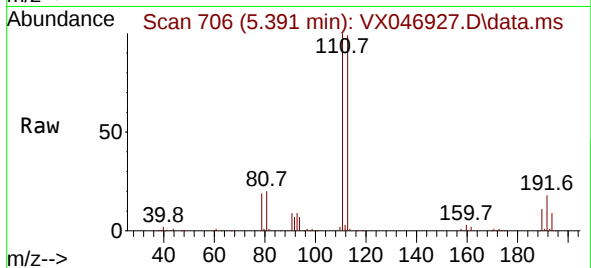
Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



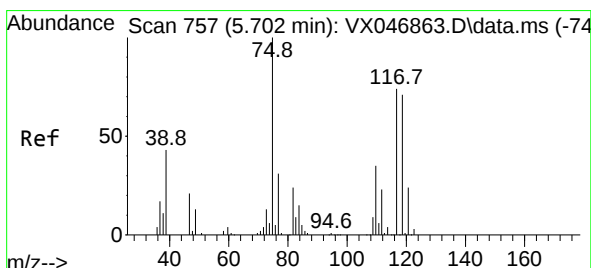
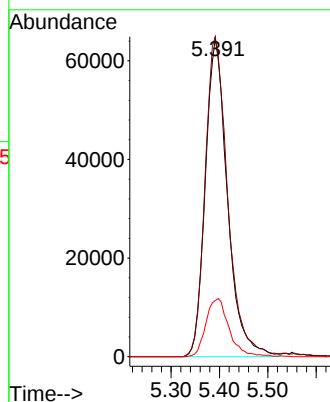
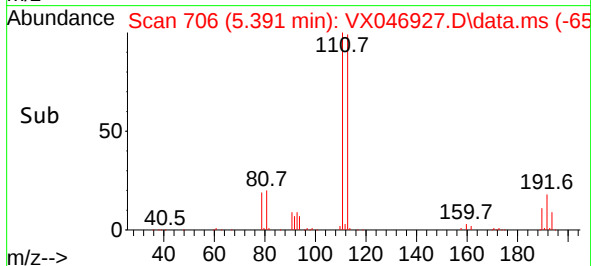
Tgt Ion:	113	Resp:	20506
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.2	121.8
192	19.1	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#36

1,1-Dichloropropene

Concen: 0.534 ug/l

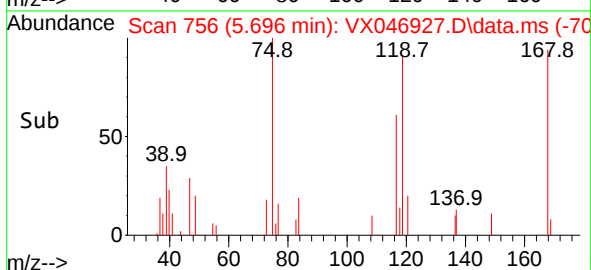
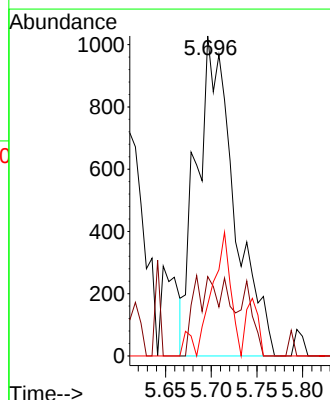
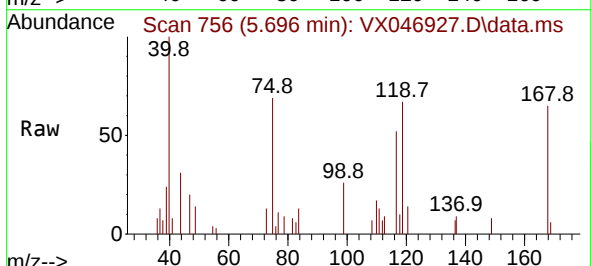
RT: 5.696 min Scan# 756

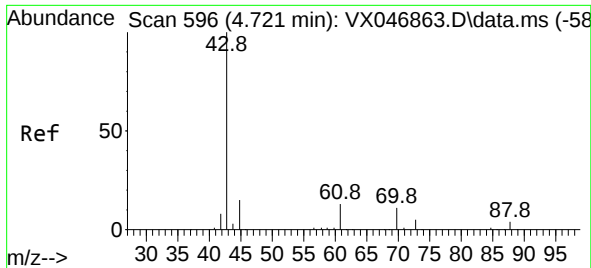
Delta R.T. -0.006 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

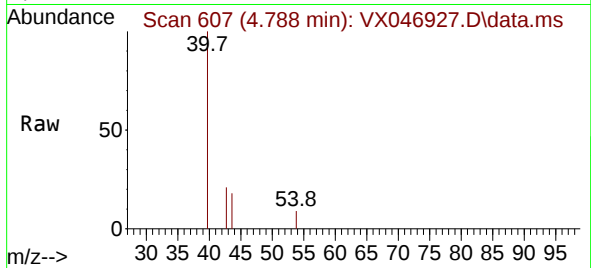
Tgt Ion:	75	Resp:	2942
Ion	Ratio	Lower	Upper
75	100		
110	7.0	17.3	51.9#
77	0.0	24.2	36.4#





#37
Ethyl Acetate
Concen: 0.560 ug/l m
RT: 4.788 min Scan# 607
Delta R.T. 0.067 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

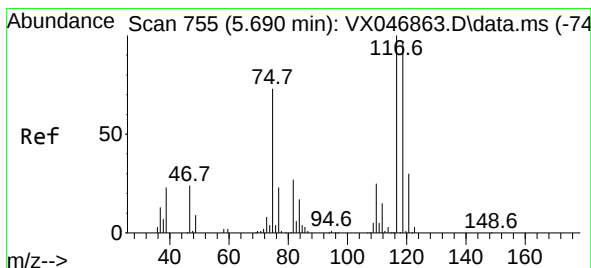
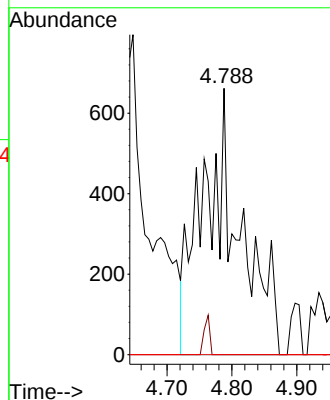
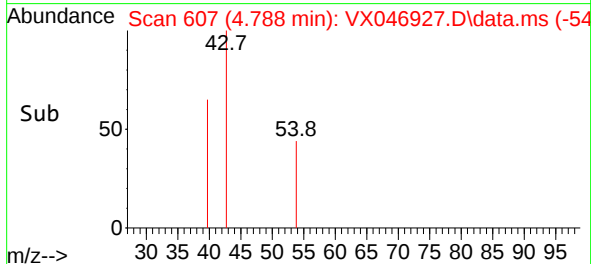
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5
70 0.0 8.3 12.5

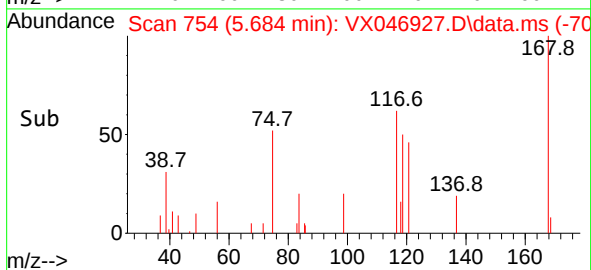
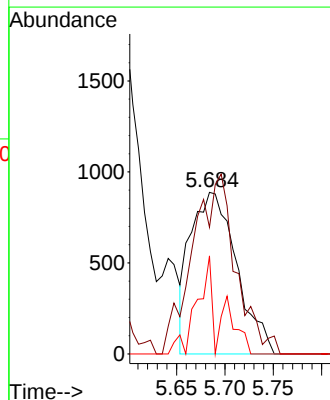
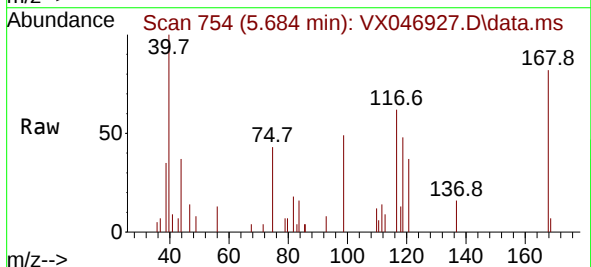
Manual Integrations
APPROVED

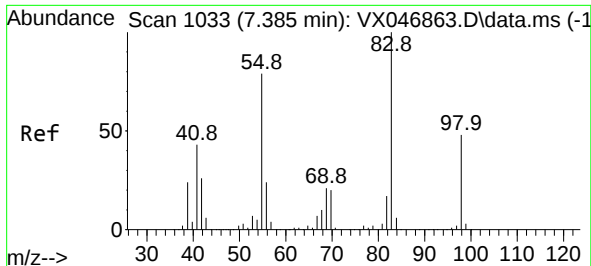
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#38
Carbon Tetrachloride
Concen: 0.504 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion:117 Resp: 2936
Ion Ratio Lower Upper
117 100
119 78.4 76.6 114.8
121 60.7 24.1 36.1





#39

Methylcyclohexane

Concen: 0.509 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 3500

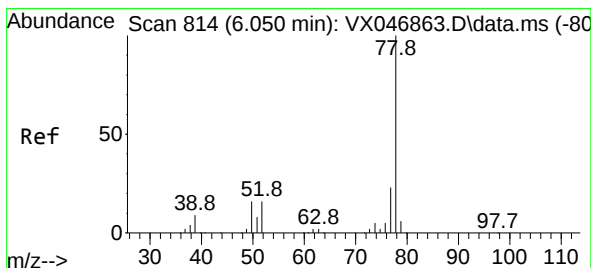
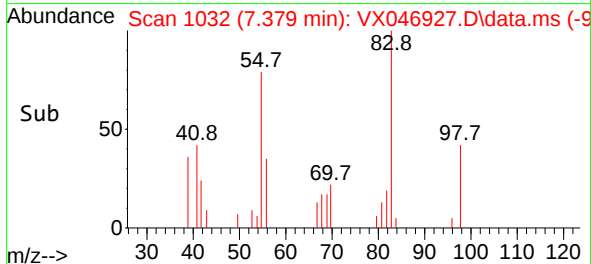
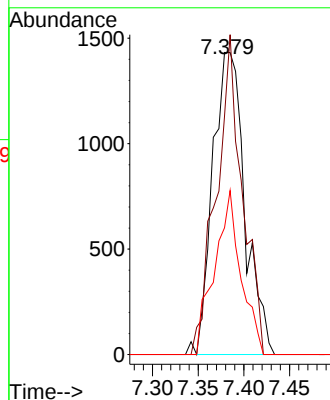
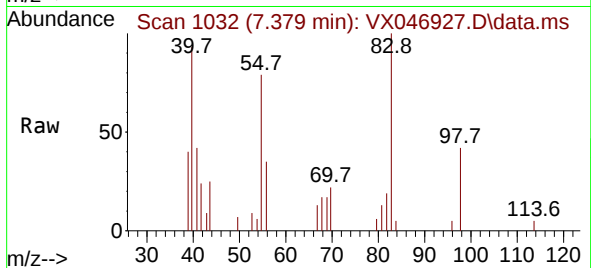
Ion	Ratio	Lower	Upper
83	100		
55	78.9	63.0	94.4
98	41.9	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#40

Benzene

Concen: 0.476 ug/l

RT: 6.044 min Scan# 813

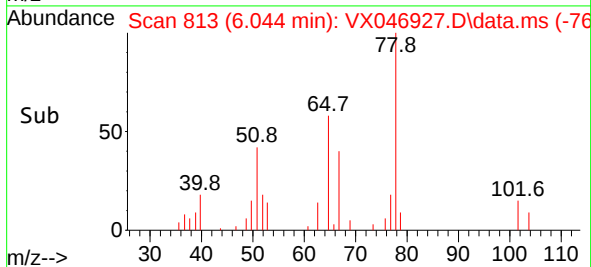
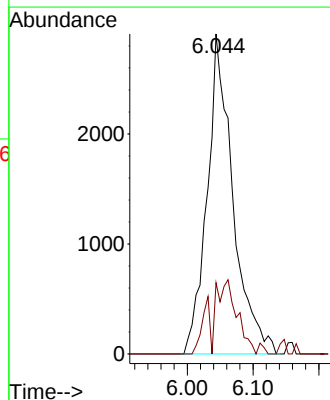
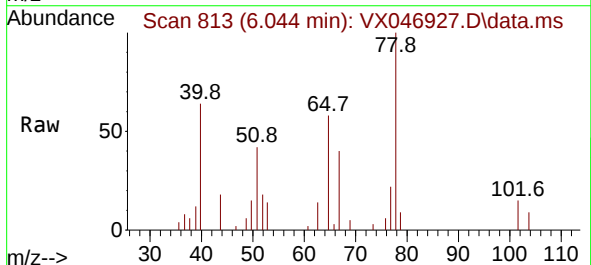
Delta R.T. -0.006 min

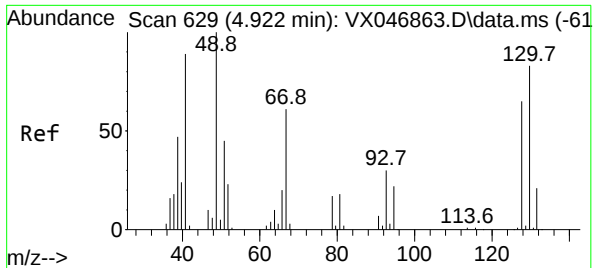
Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Tgt Ion: 78 Resp: 7935

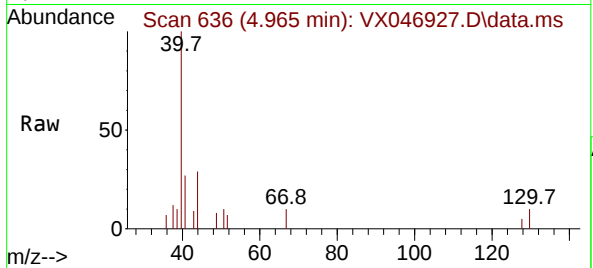
Ion	Ratio	Lower	Upper
78	100		
77	20.4	18.7	28.1





#41
Methacrylonitrile
Concen: 0.369 ug/l m
RT: 4.965 min Scan# 61
Delta R.T. 0.043 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

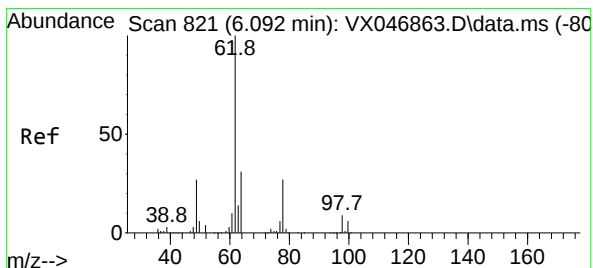
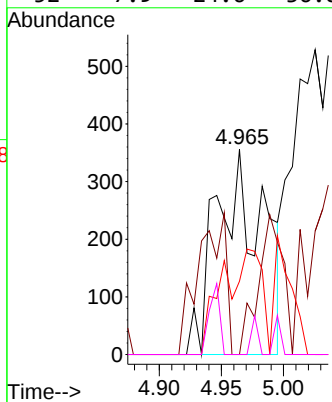
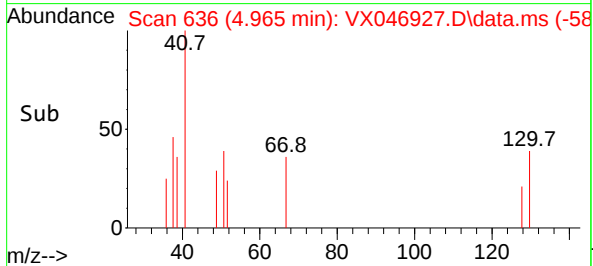
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 41 Resp: 92
Ion Ratio Lower Upper
41 100
39 41.1 43.0 64.4
67 18.1 60.2 90.2
52 7.9 24.6 36.8

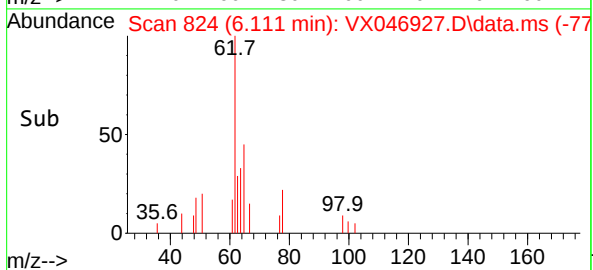
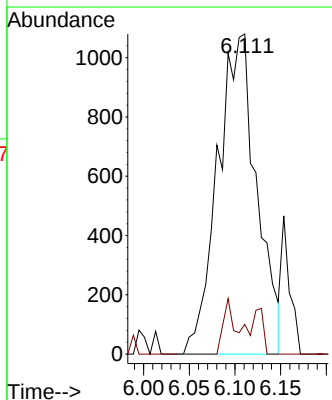
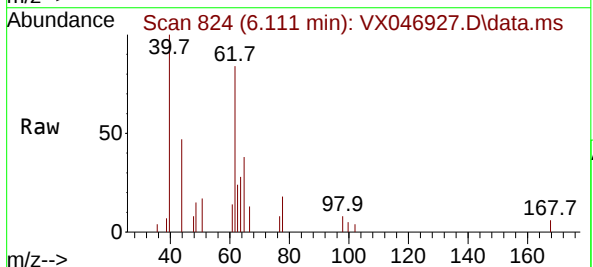
Manual Integrations
APPROVED

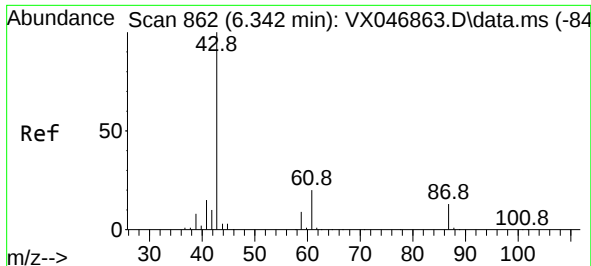
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#42
1,2-Dichloroethane
Concen: 0.568 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.018 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

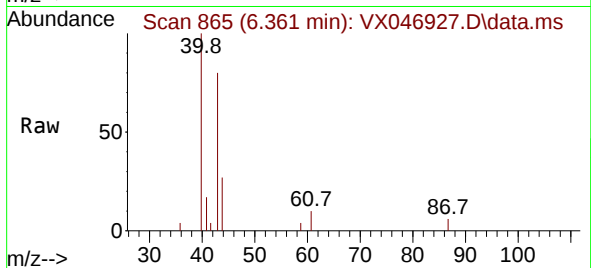
Tgt Ion: 62 Resp: 3212
Ion Ratio Lower Upper
62 100
98 4.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 0.359 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.018 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

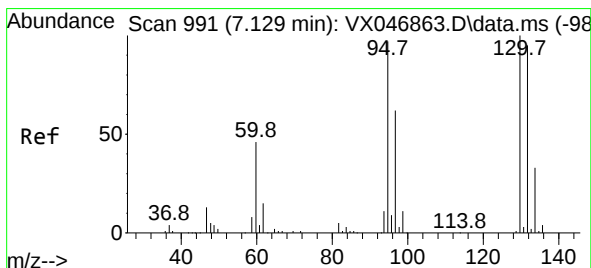
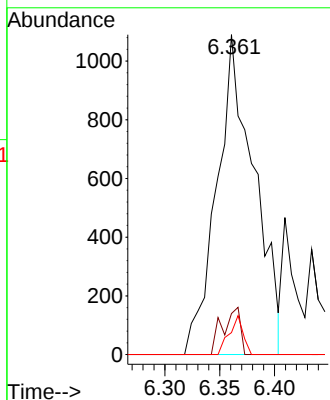
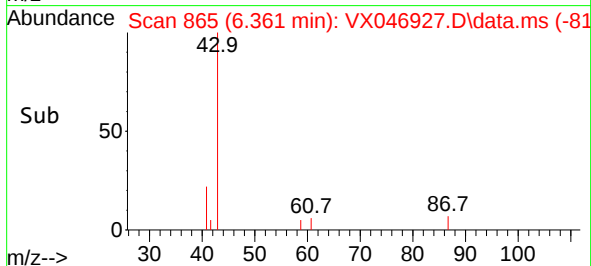
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
61 7.0 15.7 23.5
87 4.5 10.1 15.1

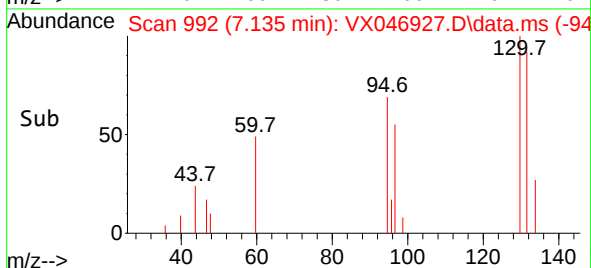
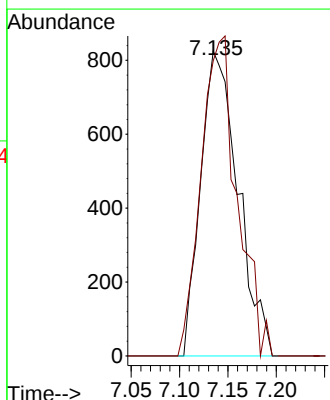
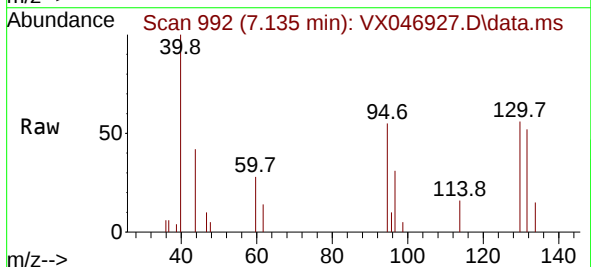
Manual Integrations
APPROVED

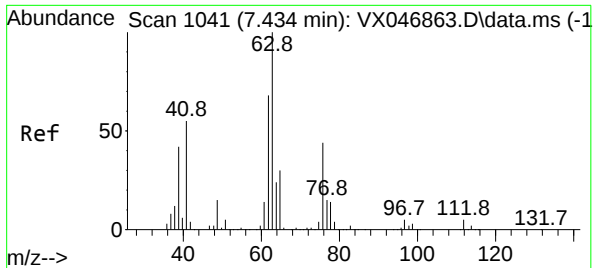
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#44
Trichloroethene
Concen: 0.511 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

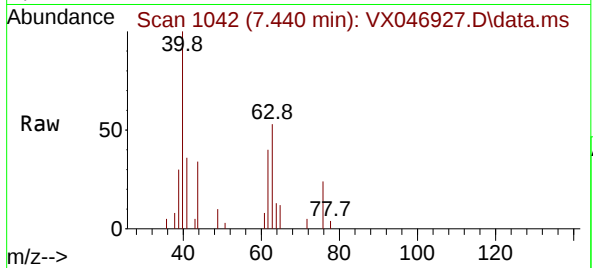
Tgt Ion:130 Resp: 2215
Ion Ratio Lower Upper
130 100
95 96.8 0.0 194.2





#45
1,2-Dichloropropane
Concen: 0.476 ug/l
RT: 7.440 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

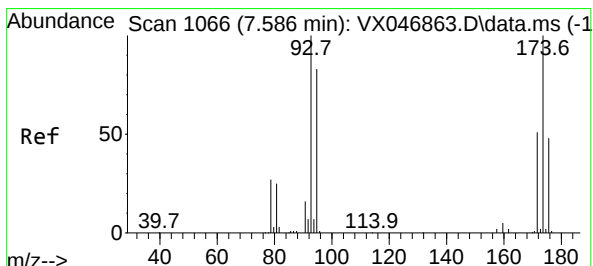
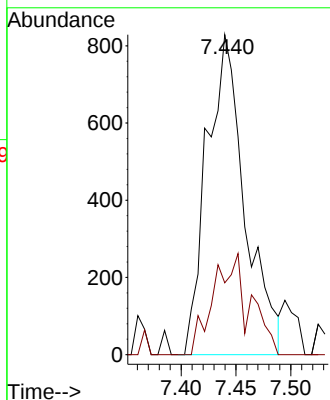
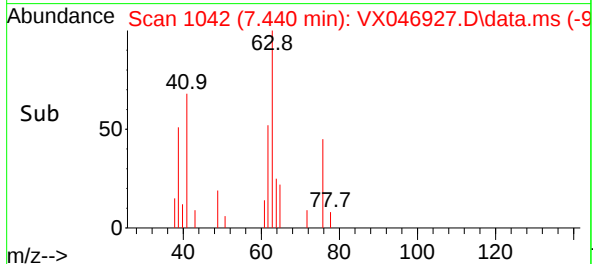
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 63 Resp: 200
Ion Ratio Lower Upper
63 100
65 22.4 24.2 36.2

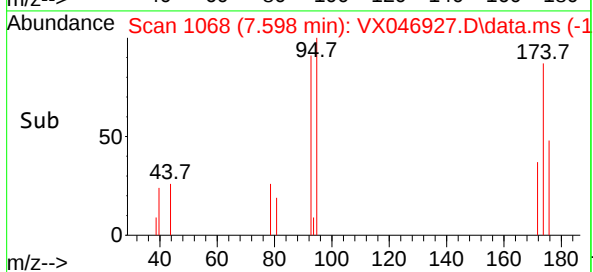
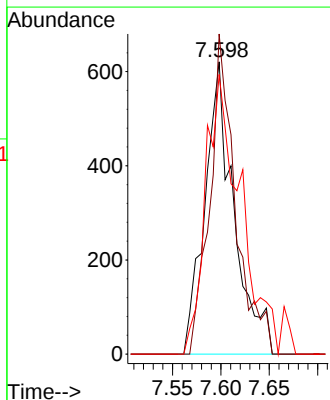
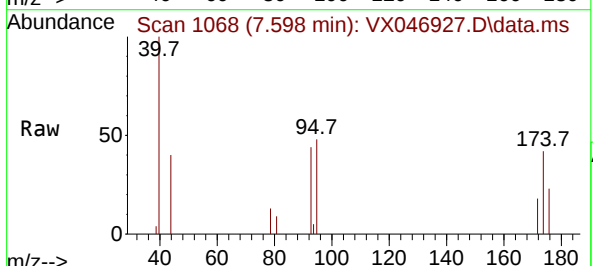
Manual Integrations
APPROVED

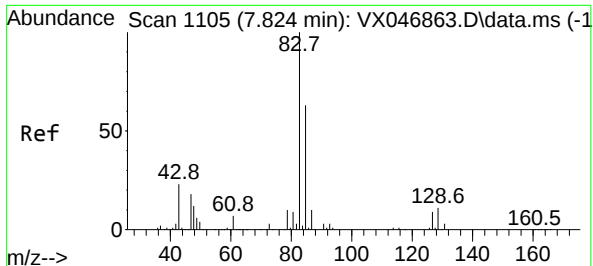
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#46
Dibromomethane
Concen: 0.445 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

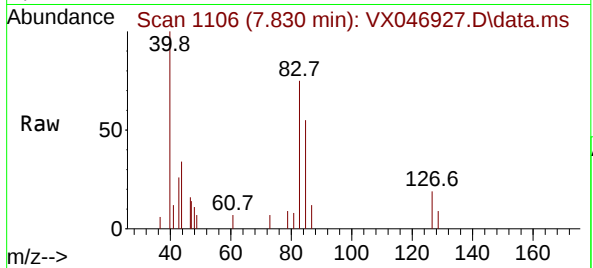
Tgt Ion: 93 Resp: 1299
Ion Ratio Lower Upper
93 100
95 96.7 66.6 99.8
174 114.9 77.4 116.2





#47
Bromodichloromethane
Concen: 0.481 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

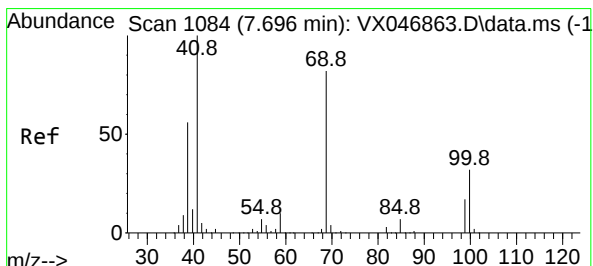
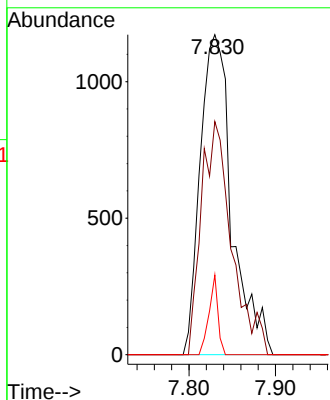
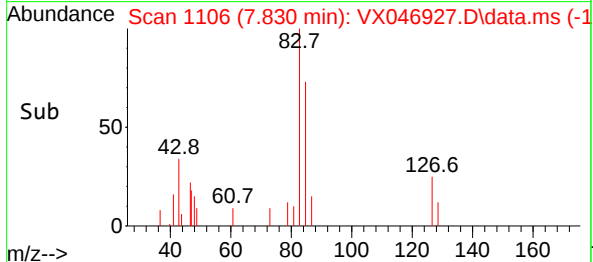
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 83 Resp: 2994
Ion Ratio Lower Upper
83 100
85 72.9 50.2 75.4
127 24.9 7.1 10.7

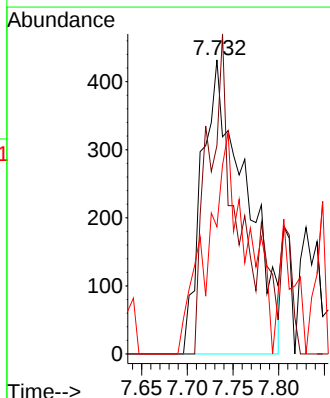
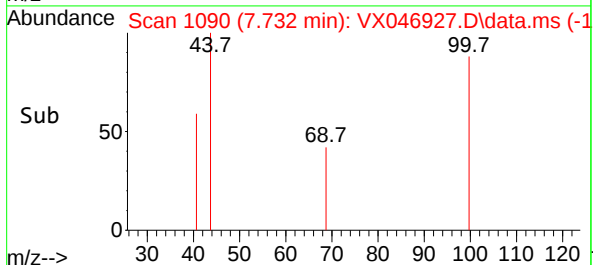
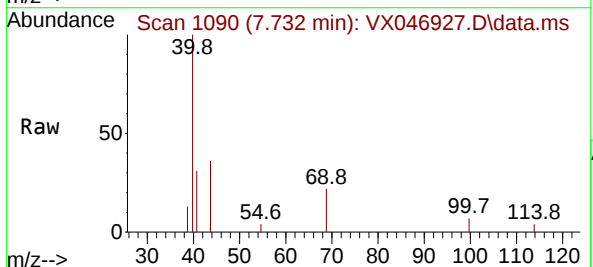
Manual Integrations
APPROVED

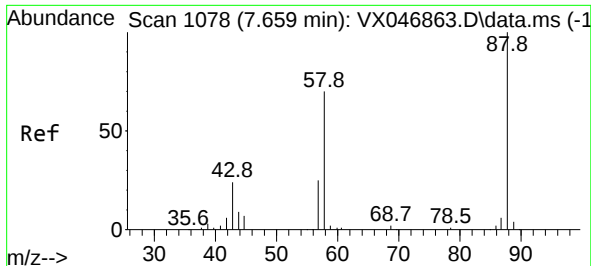
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#48
Methyl methacrylate
Concen: 0.391 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.037 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion: 41 Resp: 1451
Ion Ratio Lower Upper
41 100
69 66.0 65.8 98.8
39 67.6 43.8 65.6





#49
 1,4-Dioxane
 Concen: 3.070 ug/l
 RT: 7.696 min Scan# 1084
 Delta R.T. 0.037 min
 Lab File: VX046927.D
 Acq: 09 Jul 2025 13:15

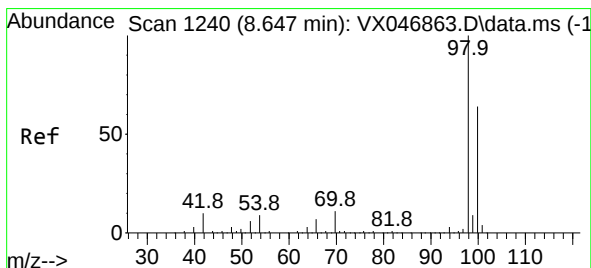
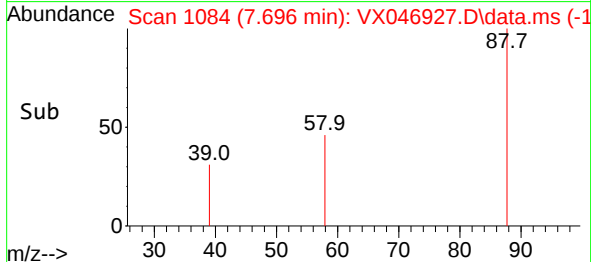
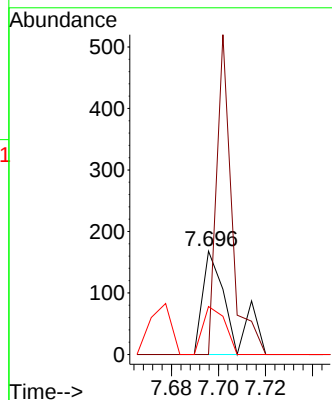
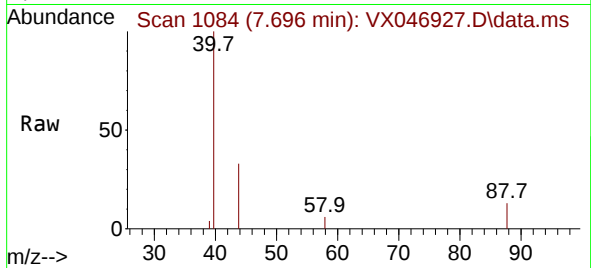
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 88 Resp: 132

Ion	Ratio	Lower	Upper
88	100		
43	176.5	31.7	47.5
58	38.6	57.5	86.3

Manual Integrations
 APPROVED

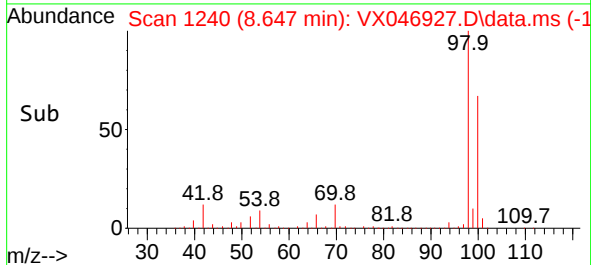
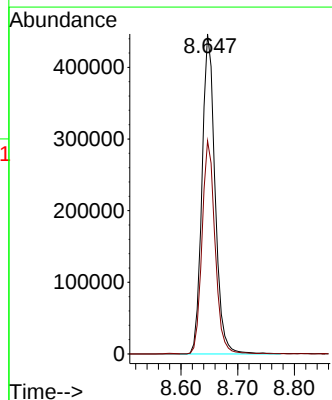
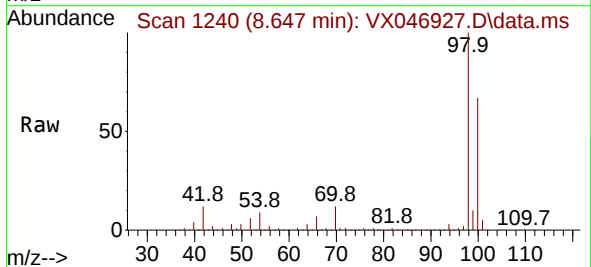
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025

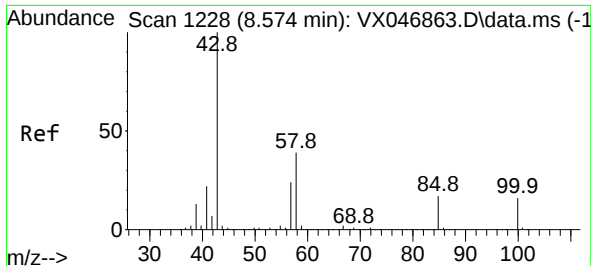


#50
 Toluene-d8
 Concen: 49.453 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX046927.D
 Acq: 09 Jul 2025 13:15

Tgt Ion: 98 Resp: 712463

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6





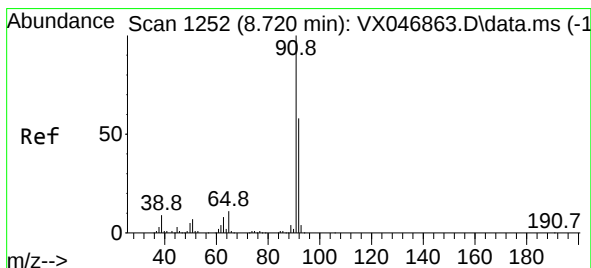
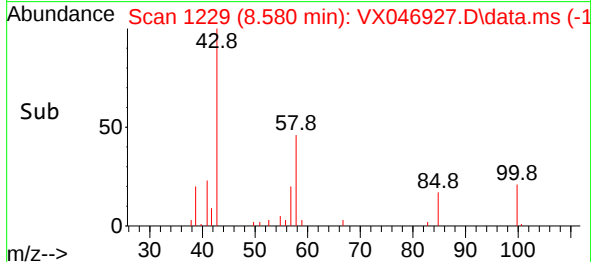
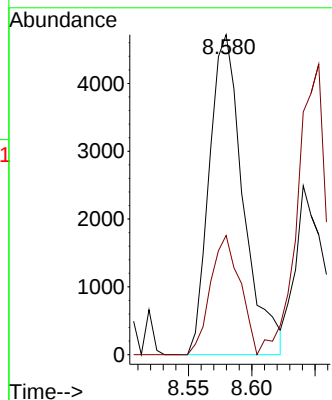
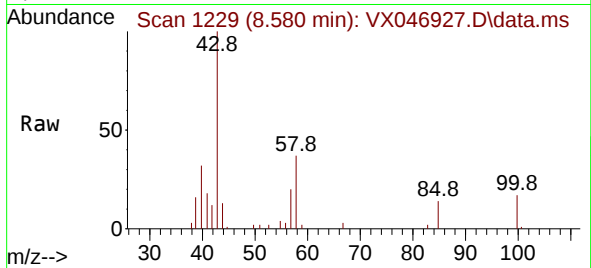
#51
4-Methyl-2-Pentanone
Concen: 2.084 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 8838
Ion Ratio Lower Upper
43 100
58 32.2 30.4 45.6

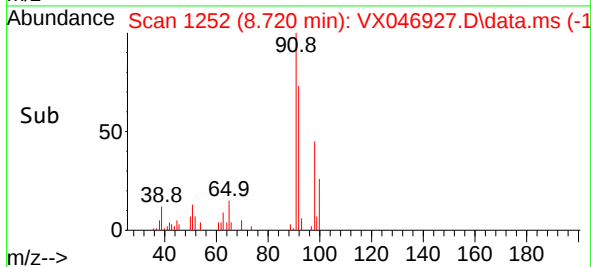
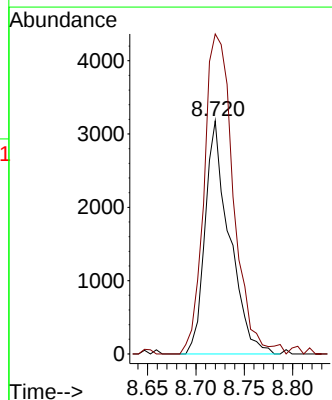
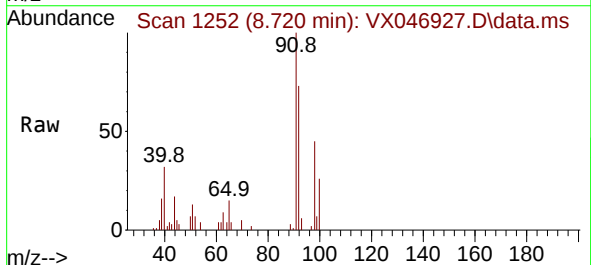
Manual Integrations
APPROVED

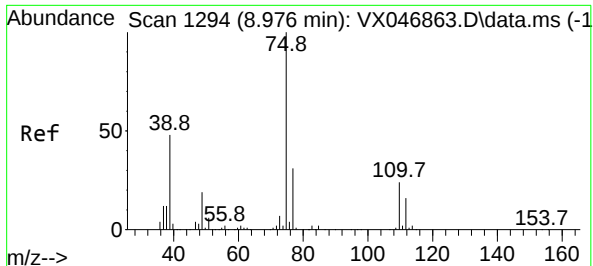
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#52
Toluene
Concen: 0.538 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion: 92 Resp: 5553
Ion Ratio Lower Upper
92 100
91 165.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 0.390 ug/l

RT: 8.994 min Scan# 1196

Delta R.T. 0.018 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 75 Resp: 216

Ion Ratio Lower Upper

75 100

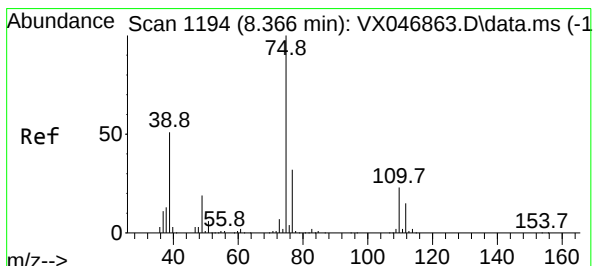
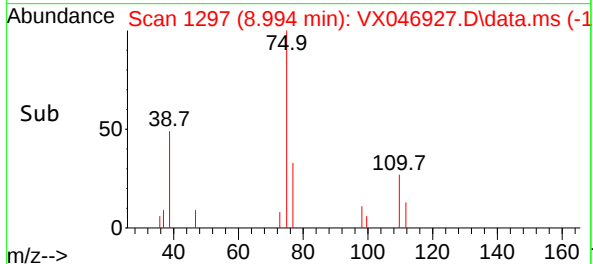
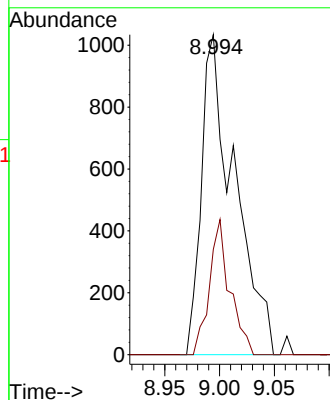
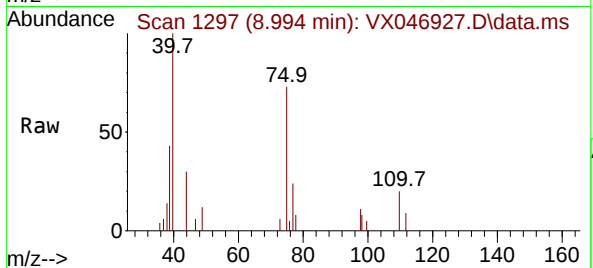
77 32.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#54

cis-1,3-Dichloropropene

Concen: 0.449 ug/l

RT: 8.379 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

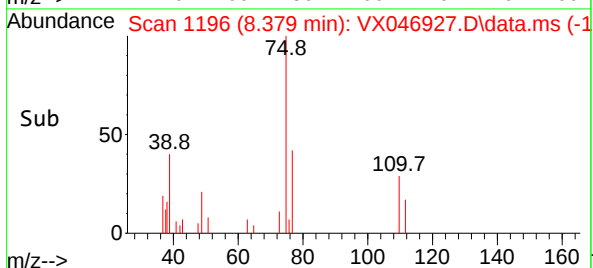
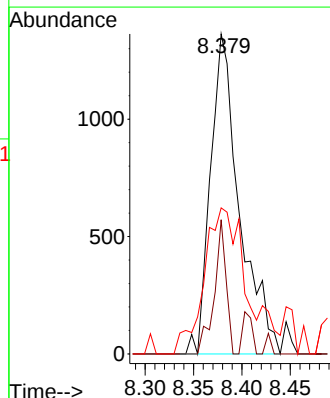
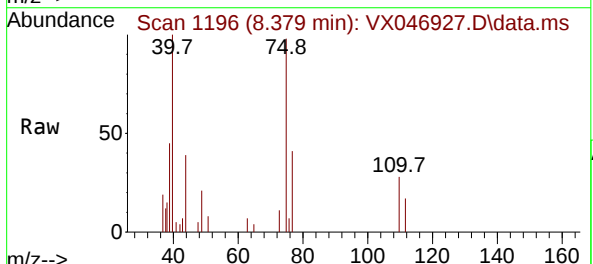
Tgt Ion: 75 Resp: 2849

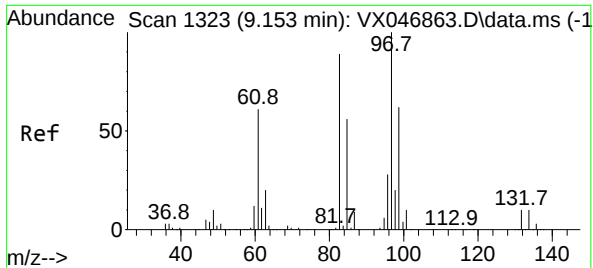
Ion Ratio Lower Upper

75 100

77 42.0 25.4 38.2#

39 37.5 40.7 61.1#





#55

1,1,2-Trichloroethane

Concen: 0.551 ug/l

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

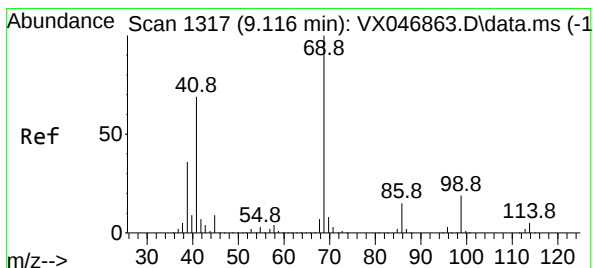
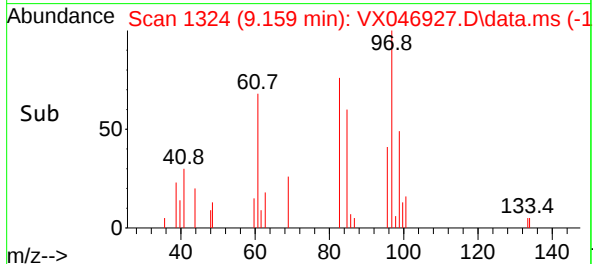
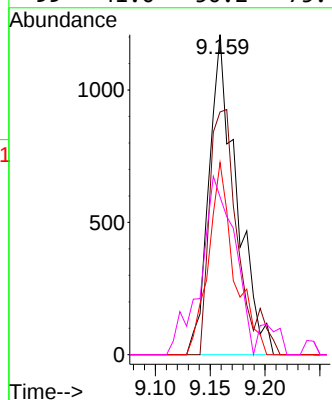
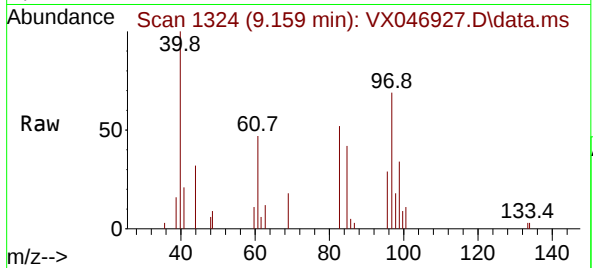
Tgt Ion: 97	Resp: 212
Ion Ratio	Lower Upper
97	100
83	75.8 70.9 106.3
85	60.0 44.6 67.0
99	41.0 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#56

Ethyl methacrylate

Concen: 0.362 ug/l

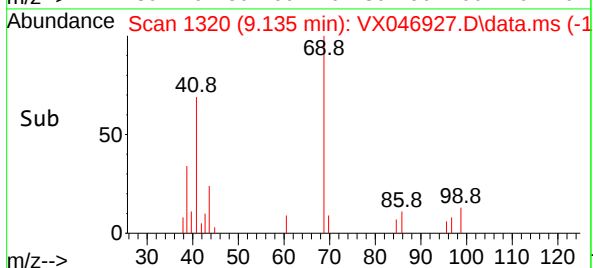
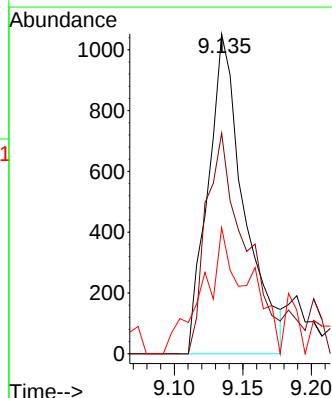
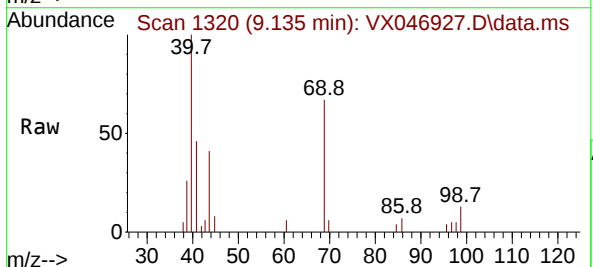
RT: 9.135 min Scan# 1320

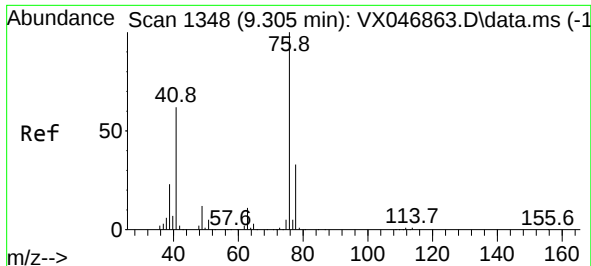
Delta R.T. 0.018 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Tgt Ion: 69	Resp: 1927
Ion Ratio	Lower Upper
69	100
41	81.1 54.6 82.0
39	49.9 28.7 43.1





#57

1,3-Dichloropropane

Concen: 0.505 ug/l

RT: 9.317 min Scan# 1177

Delta R.T. 0.012 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 334

Ion Ratio Lower Upper

76 100

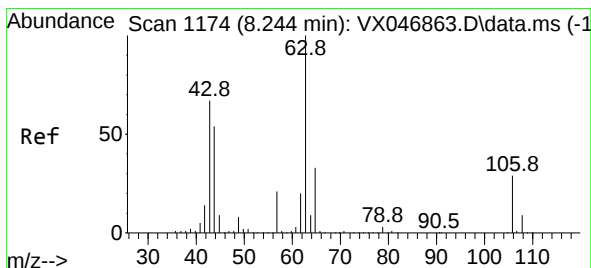
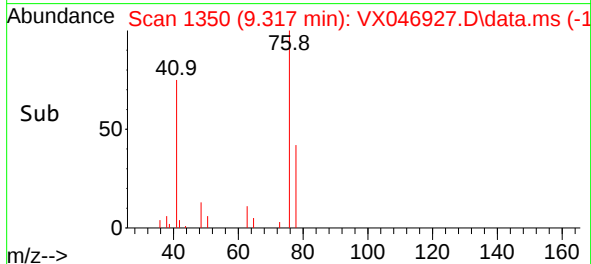
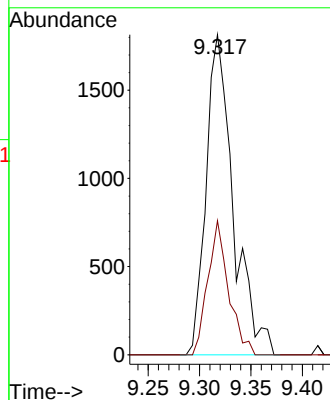
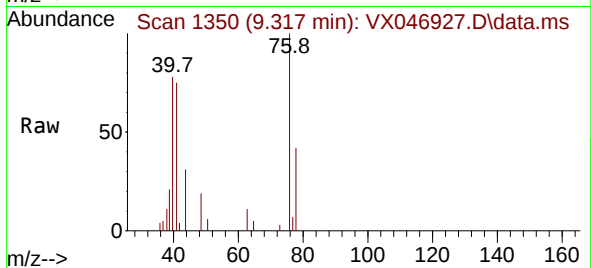
78 32.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 1.506 ug/l

RT: 8.263 min Scan# 1177

Delta R.T. 0.018 min

Lab File: VX046927.D

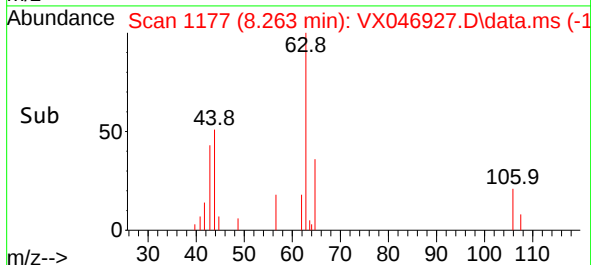
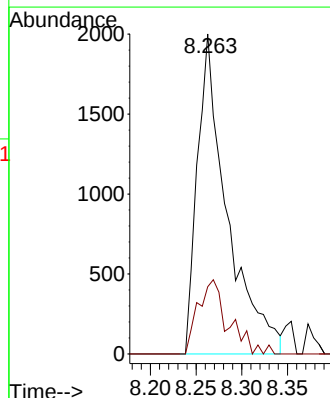
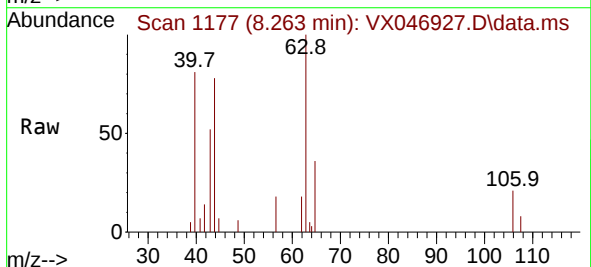
Acq: 09 Jul 2025 13:15

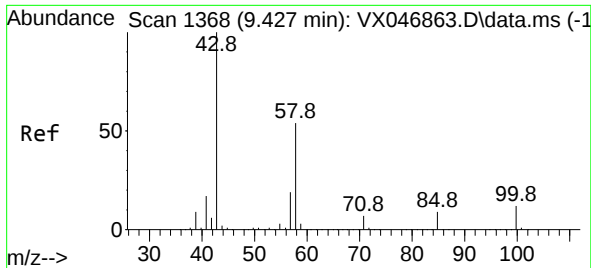
Tgt Ion: 63 Resp: 4518

Ion Ratio Lower Upper

63 100

106 23.5 22.6 33.8





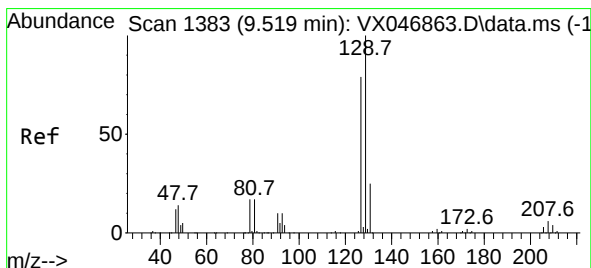
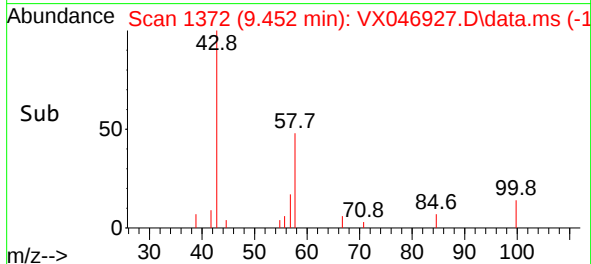
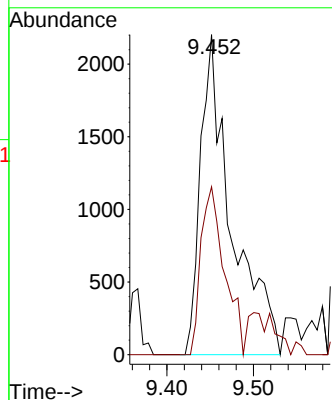
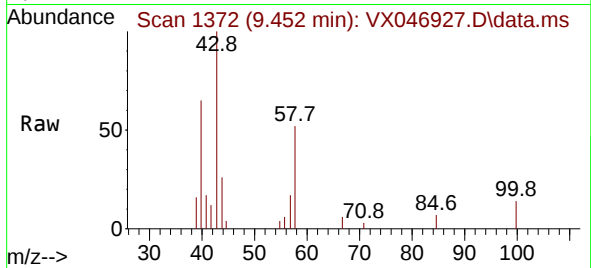
#59
2-Hexanone
Concen: 1.950 ug/l
RT: 9.452 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 39.7 27.1 81.3

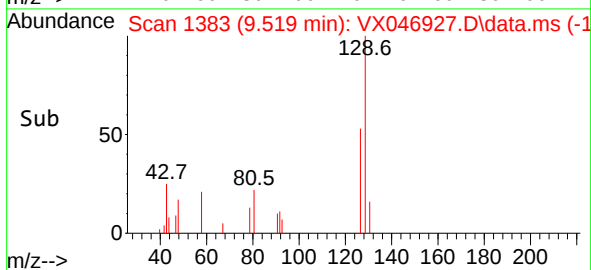
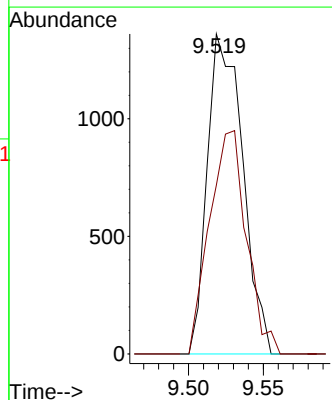
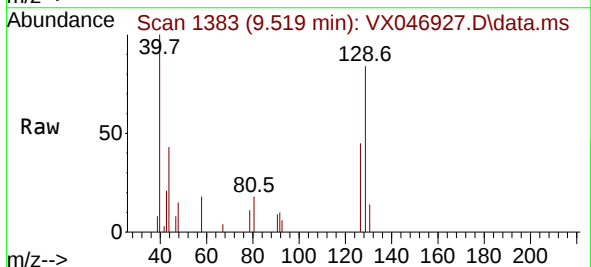
Manual Integrations
APPROVED

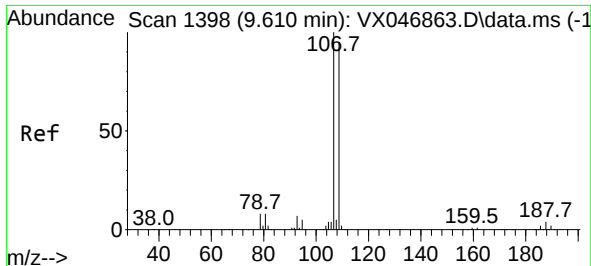
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#60
Dibromochloromethane
Concen: 0.486 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

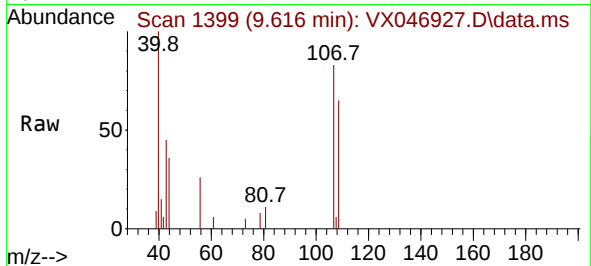
Tgt Ion:129 Resp: 2235
Ion Ratio Lower Upper
129 100
127 73.1 39.1 117.5





#61
1,2-Dibromoethane
Concen: 0.513 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

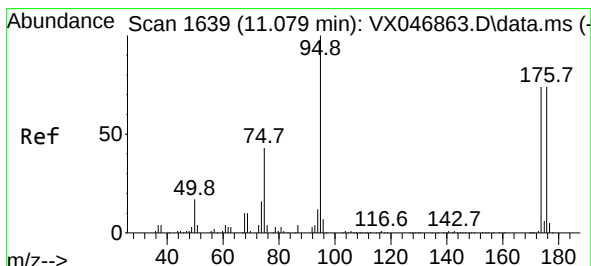
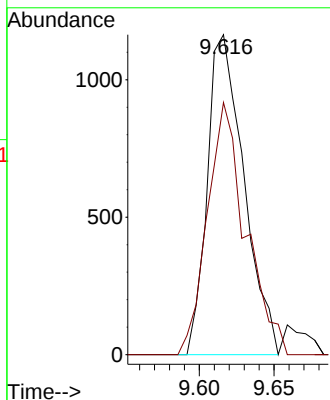
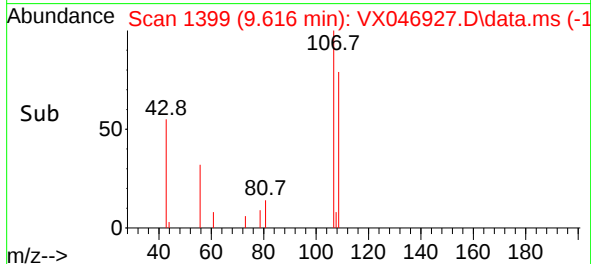
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



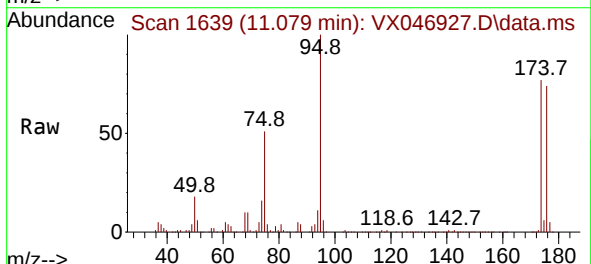
Tgt Ion:107 Resp: 1980
Ion Ratio Lower Upper
107 100
109 82.4 75.4 113.2

Manual Integrations
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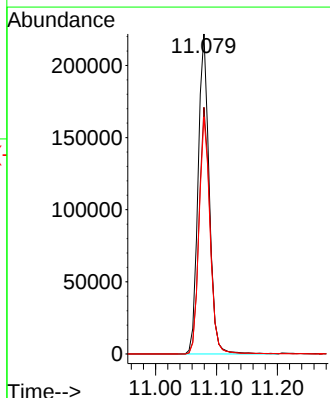
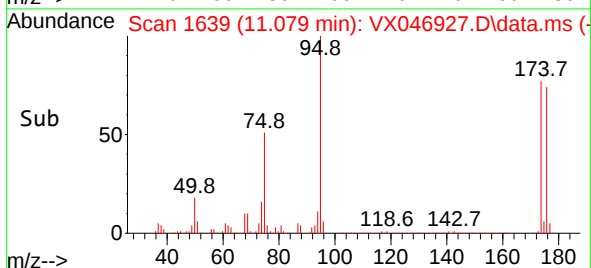
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

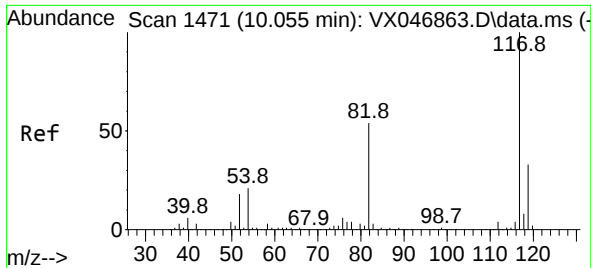


#62
4-Bromofluorobenzene
Concen: 51.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15



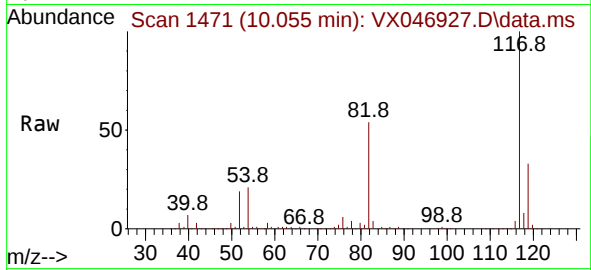
Tgt Ion: 95 Resp: 280125
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.0
176 73.7 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

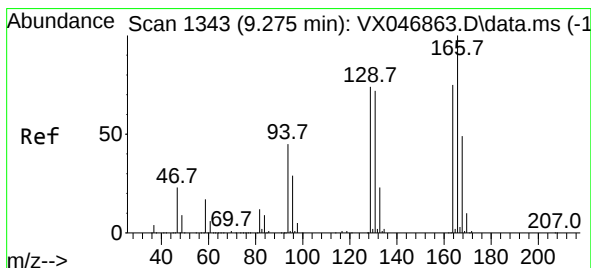
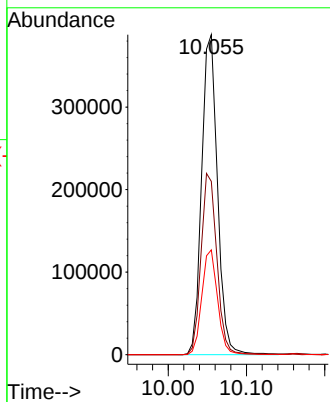
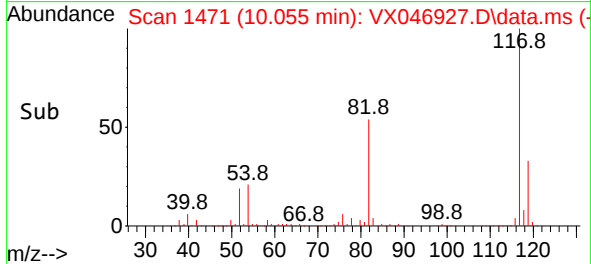
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:117 Resp: 544598
Ion Ratio Lower Upper
117 100
82 54.2 43.3 64.9
119 32.8 26.4 39.6

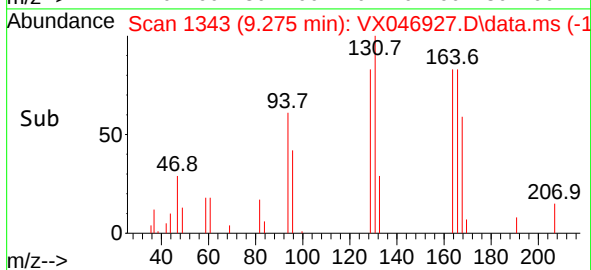
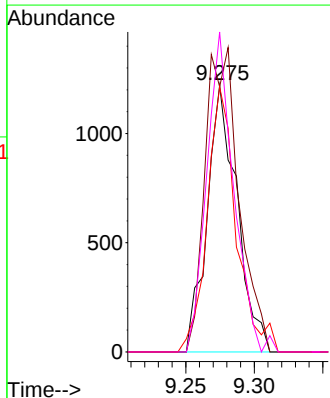
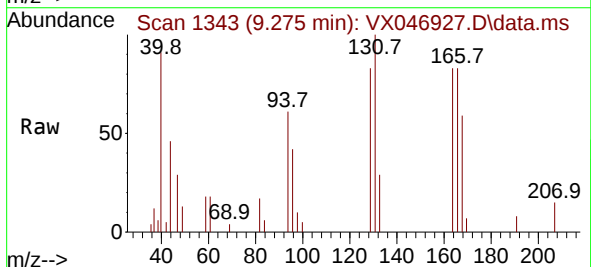
Manual Integrations
APPROVED

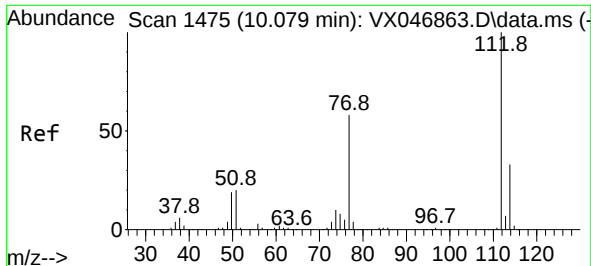
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#64
Tetrachloroethene
Concen: 0.510 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

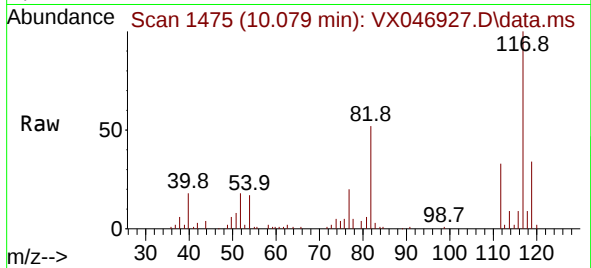
Tgt Ion:164 Resp: 1851
Ion Ratio Lower Upper
164 100
166 99.4 107.0 160.6#
129 99.4 79.7 119.5
131 120.0 77.1 115.7#





#65
Chlorobenzene
Concen: 0.545 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

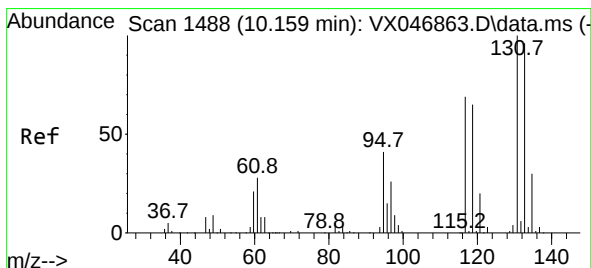
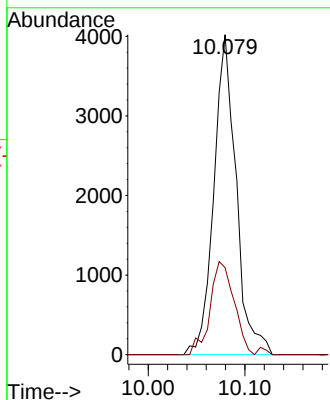
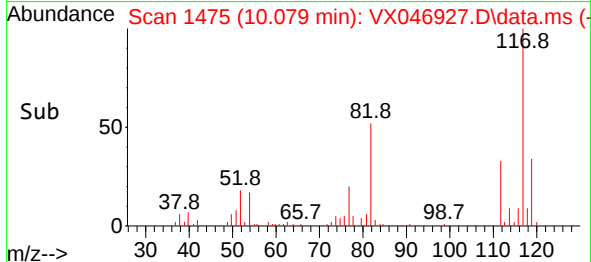
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



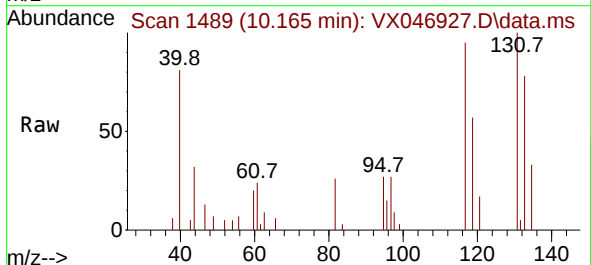
Tgt Ion:112 Resp: 642
Ion Ratio Lower Upper
112 100
114 25.4 26.3 39.5

Manual Integrations
APPROVED

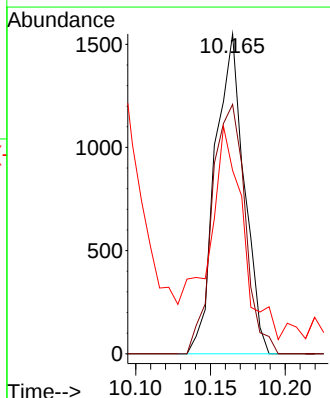
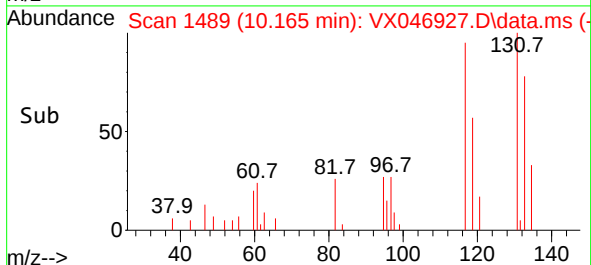
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

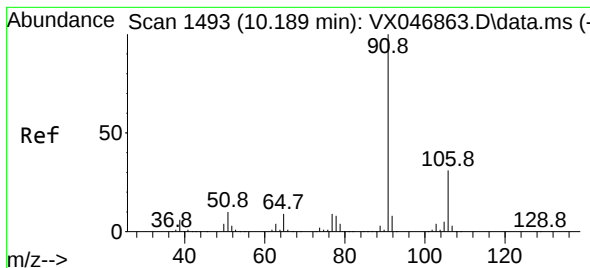


#66
1,1,1,2-Tetrachloroethane
Concen: 0.527 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15



Tgt Ion:131 Resp: 2084
Ion Ratio Lower Upper
131 100
133 88.8 47.6 142.9
119 0.0 32.4 97.2





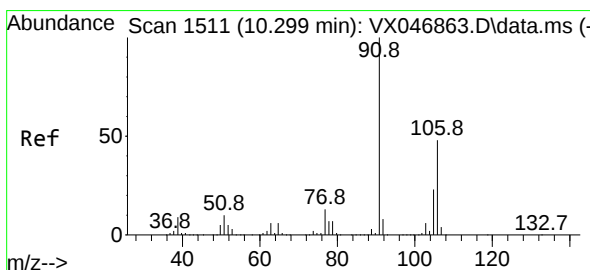
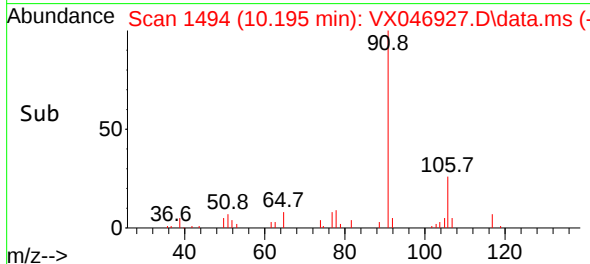
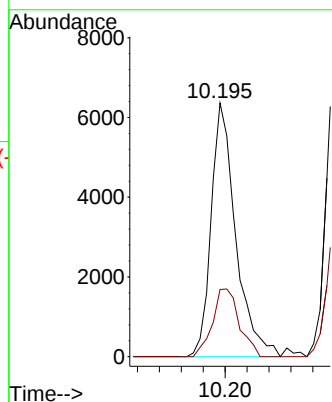
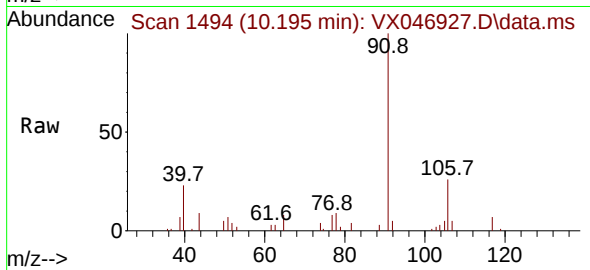
#67
Ethyl Benzene
Concen: 0.490 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 9890
Ion Ratio Lower Upper
91 100
106 26.5 24.4 36.6

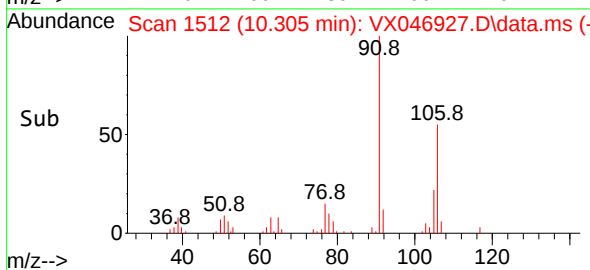
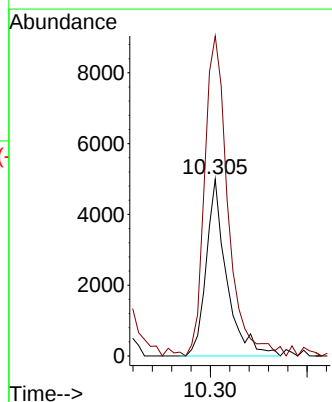
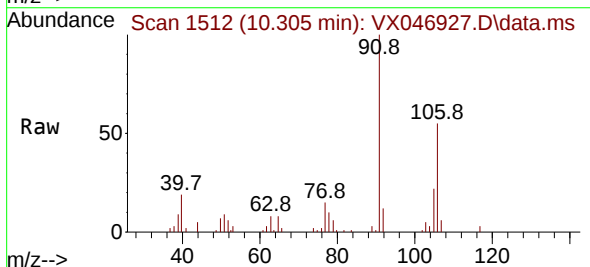
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#68
m/p-Xylenes
Concen: 0.966 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion:106 Resp: 7342
Ion Ratio Lower Upper
106 100
91 206.9 164.6 246.8





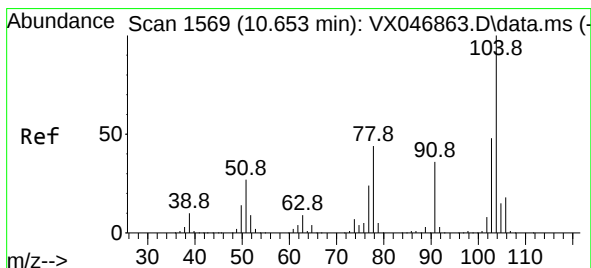
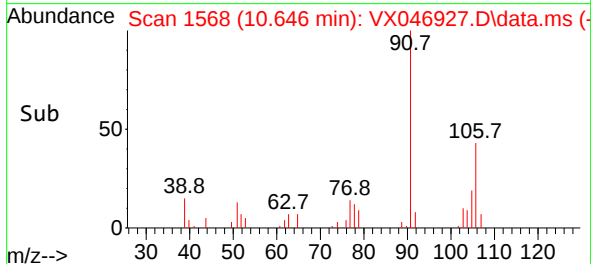
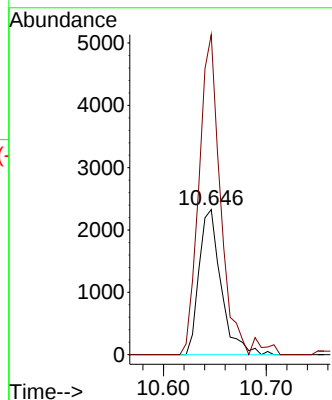
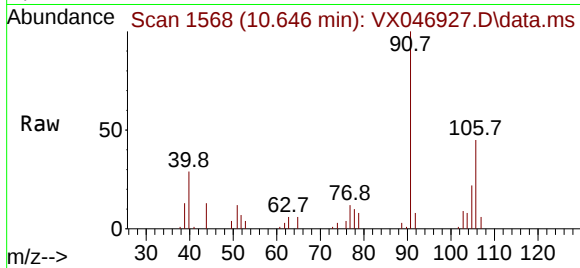
#69
o-Xylene
Concen: 0.473 ug/l
RT: 10.646 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:106 Resp: 347
Ion Ratio Lower Upper
106 100
91 211.7 109.5 328.5

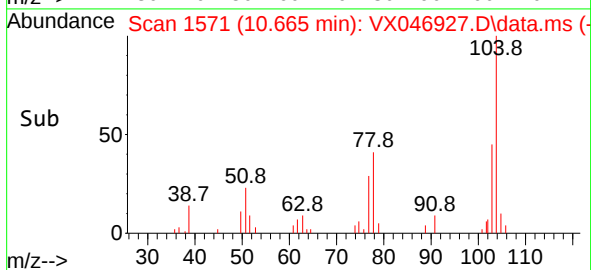
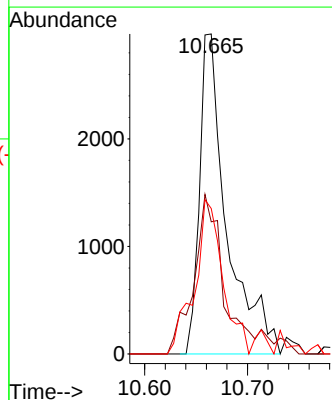
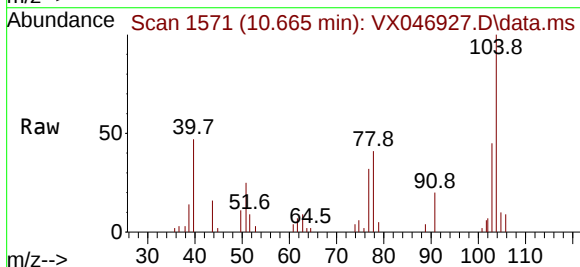
Manual Integrations
APPROVED

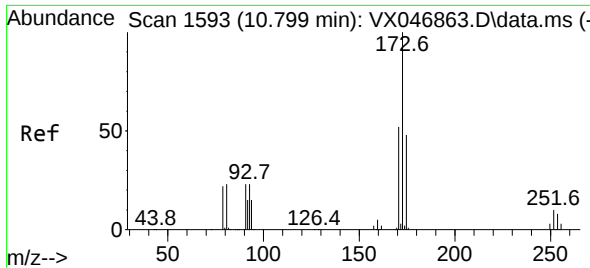
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#70
Styrene
Concen: 0.438 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

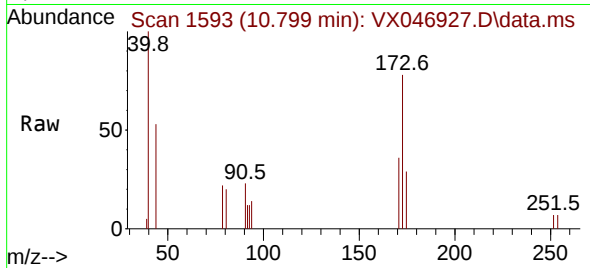
Tgt Ion:104 Resp: 5500
Ion Ratio Lower Upper
104 100
78 53.7 40.3 60.5
103 49.9 42.8 64.2





#71
Bromoform
Concen: 0.531 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

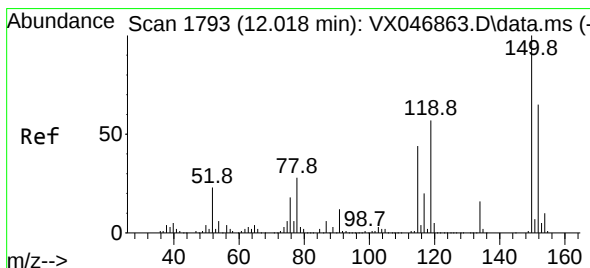
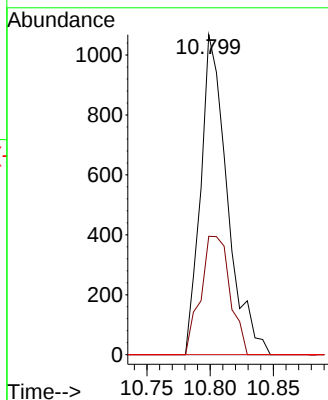
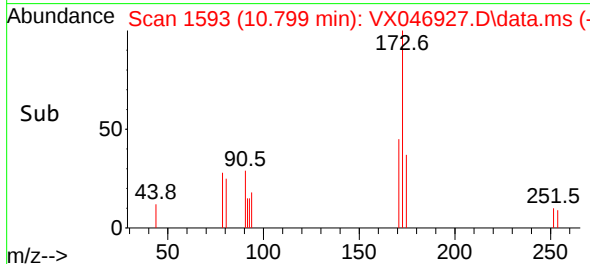
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



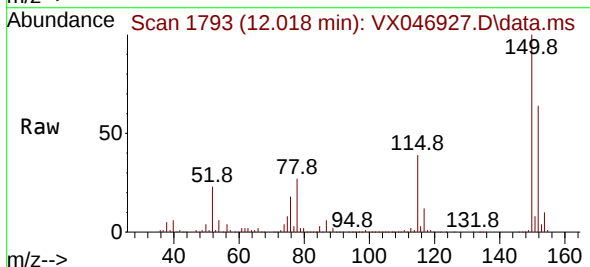
Tgt Ion:173 Resp: 1564
Ion Ratio Lower Upper
173 100
175 40.5 23.8 71.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

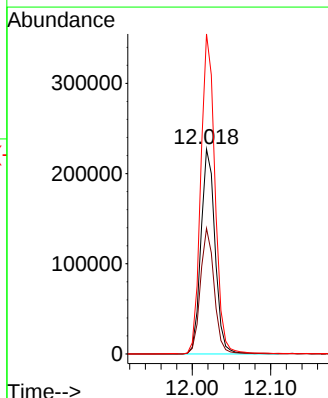
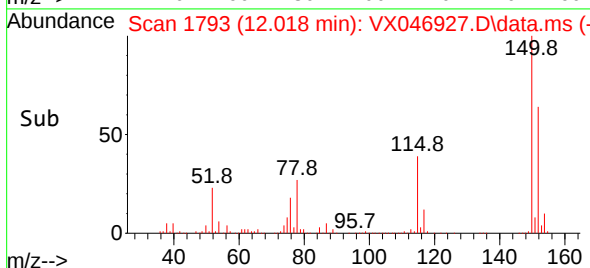
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

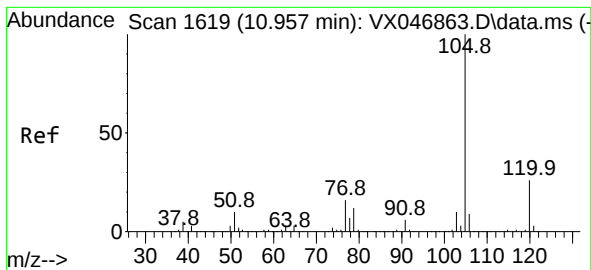


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15



Tgt Ion:152 Resp: 284583
Ion Ratio Lower Upper
152 100
115 60.2 42.4 127.1
150 157.1 0.0 349.2





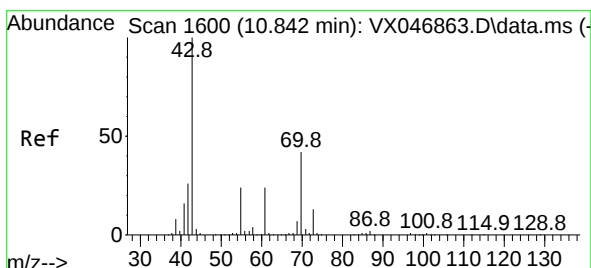
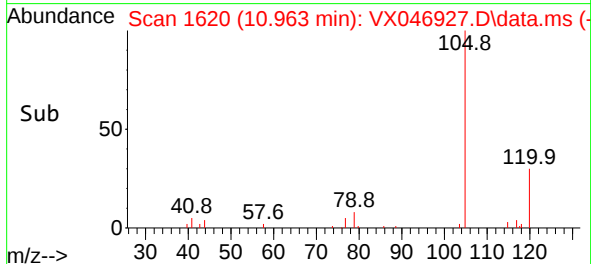
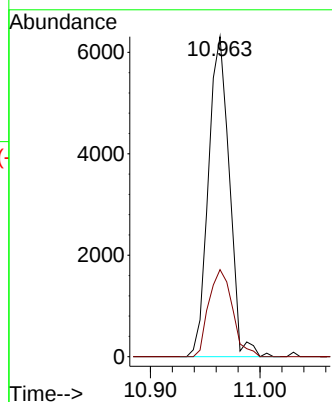
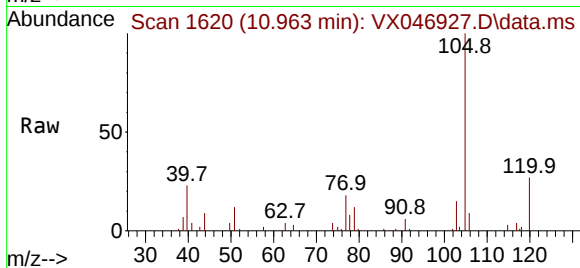
#73
Isopropylbenzene
Concen: 0.420 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 840
Ion Ratio Lower Upper
105 100
120 30.7 13.2 39.5

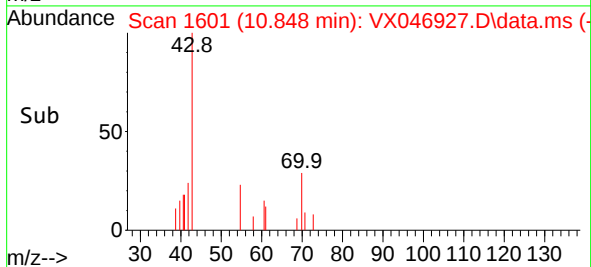
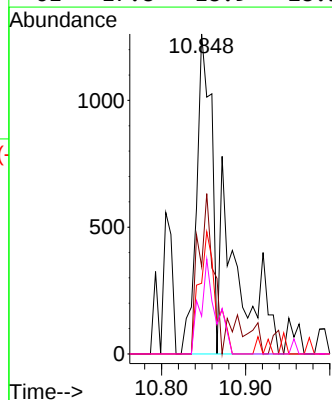
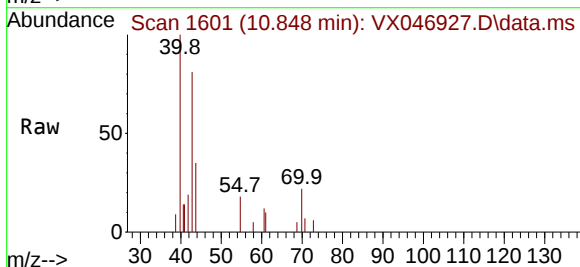
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#74
N-ethyl acetate
Concen: 0.400 ug/l m
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

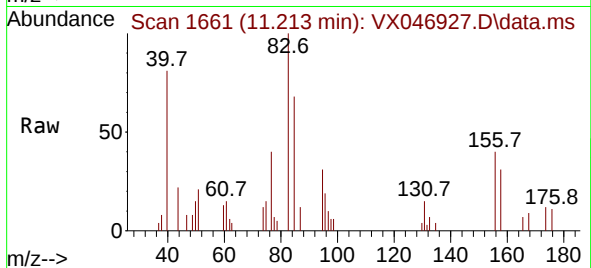
Tgt Ion: 43 Resp: 2722
Ion Ratio Lower Upper
43 100
70 31.0 33.4 50.2#
55 24.2 19.6 29.4
61 17.8 18.9 28.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.472 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

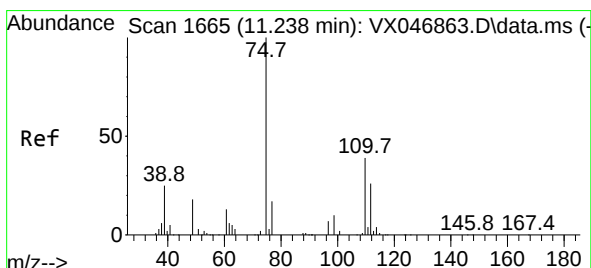
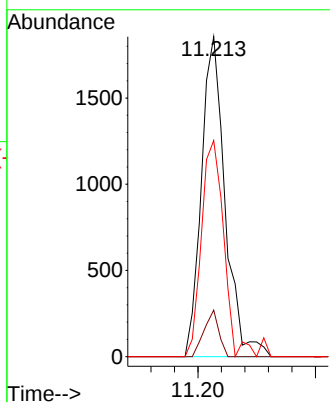
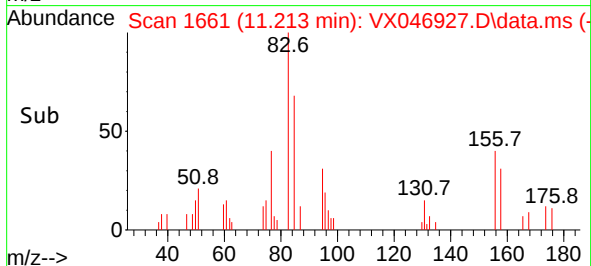
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 83 Resp: 2590
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 63.4 32.1 96.5

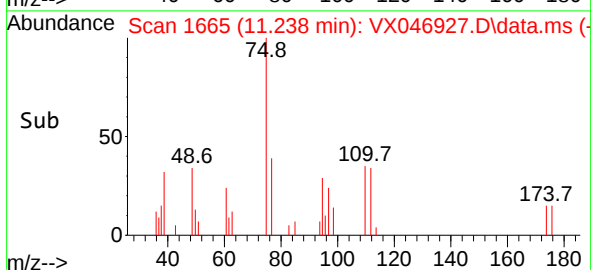
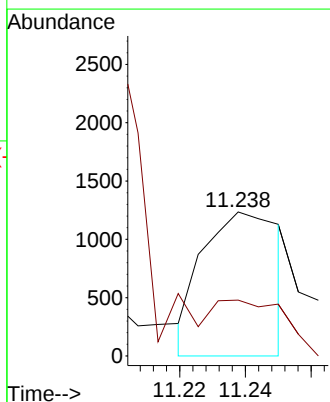
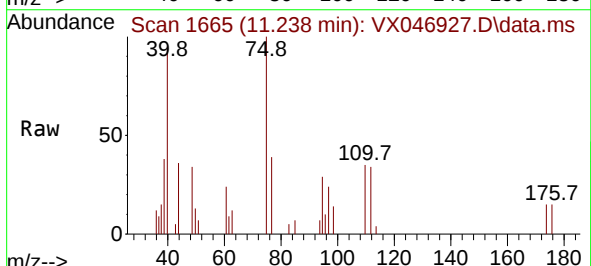
Manual Integrations
APPROVED

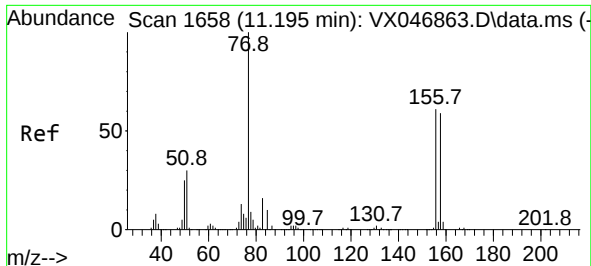
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#76
1,2,3-Trichloropropane
Concen: 0.455 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

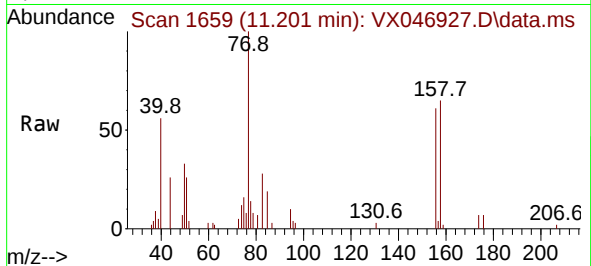
Tgt Ion: 75 Resp: 2001
Ion Ratio Lower Upper
75 100
77 94.7 20.6 61.8#





#77
Bromobenzene
Concen: 0.534 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

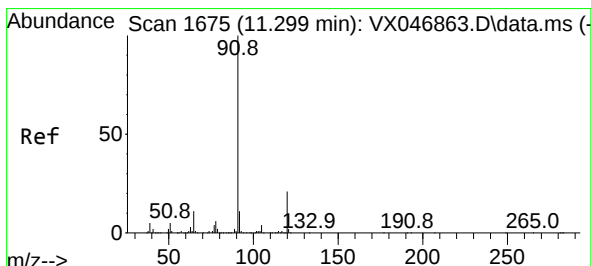
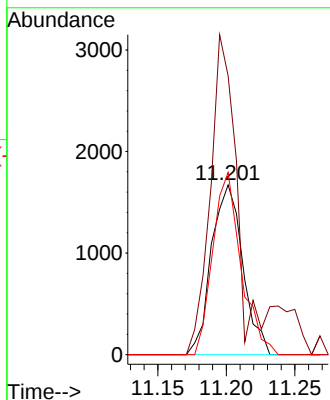
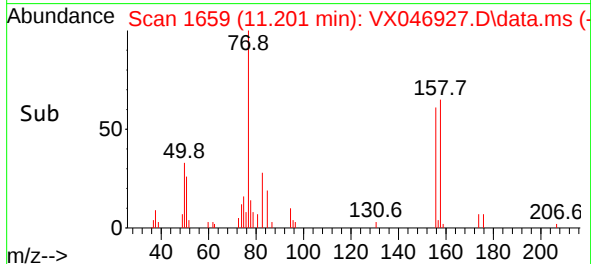
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



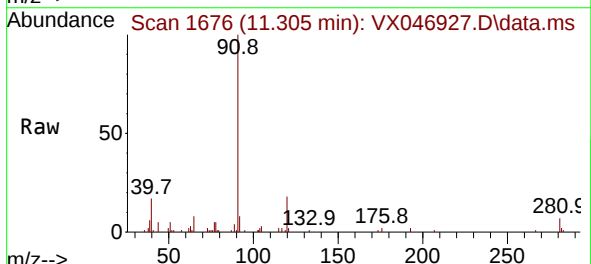
Tgt Ion: 156 Resp: 2660
Ion Ratio Lower Upper
156 100
77 157.1 82.3 247.0
158 97.0 47.5 142.6

Manual Integrations
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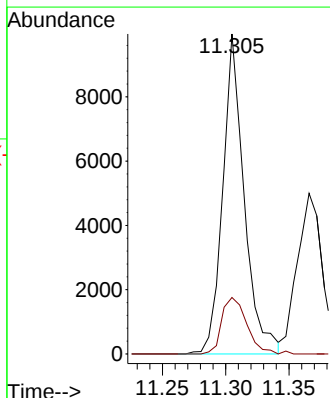
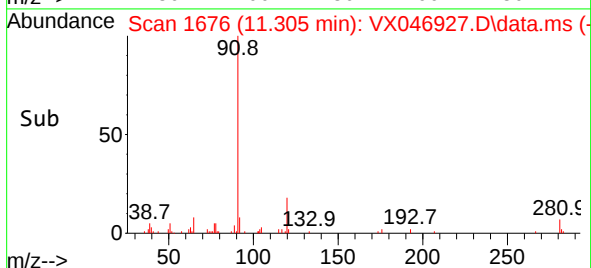
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

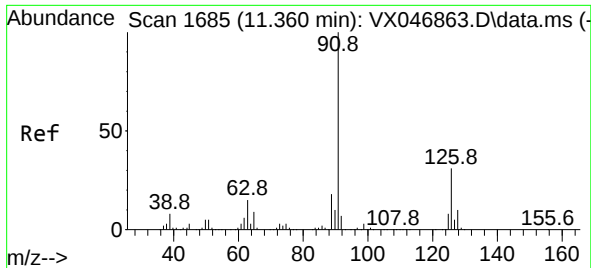


#78
n-propylbenzene
Concen: 0.486 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15



Tgt Ion: 91 Resp: 11728
Ion Ratio Lower Upper
91 100
120 20.8 11.2 33.5





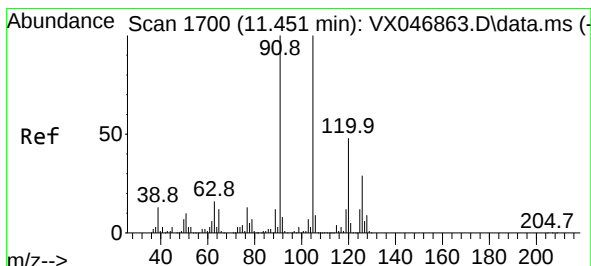
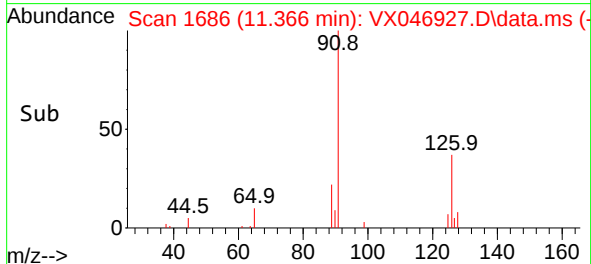
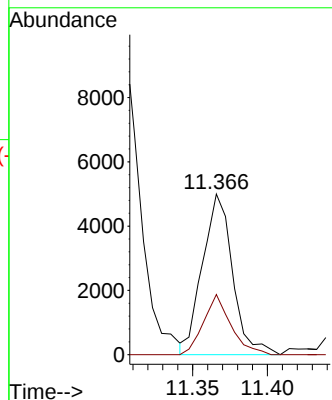
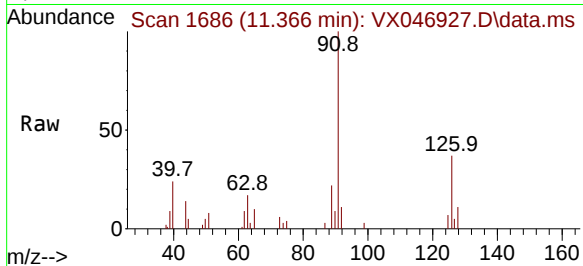
#79
2-Chlorotoluene
Concen: 0.491 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 699
Ion Ratio Lower Upper
91 100
126 34.1 16.6 49.8

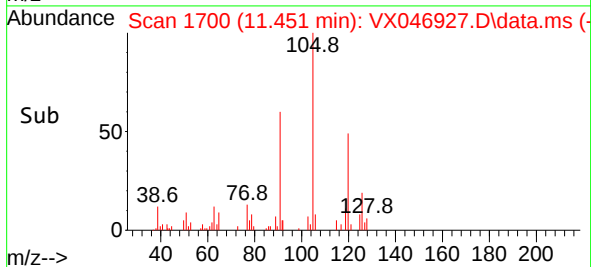
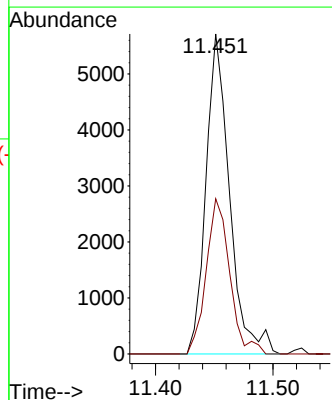
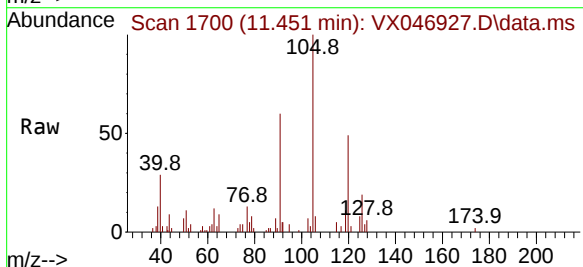
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.488 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

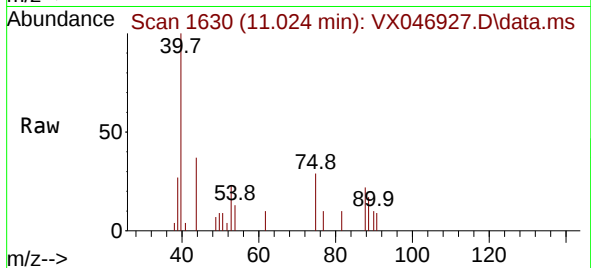
Tgt Ion:105 Resp: 7938
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 0.397 ug/l m
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

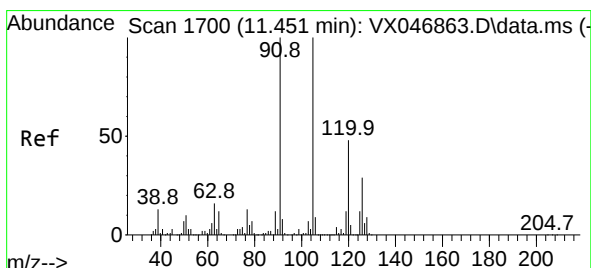
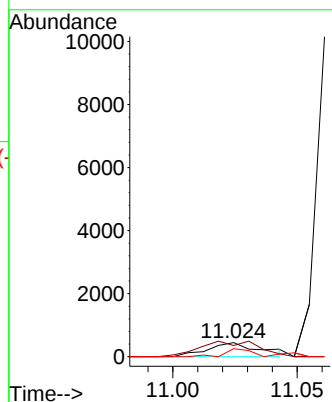
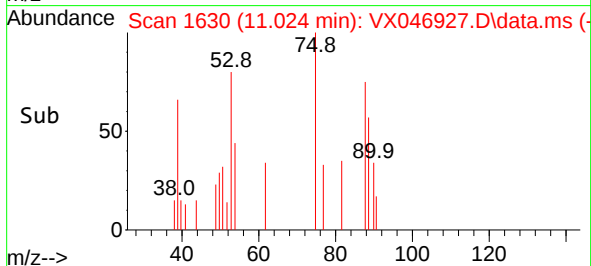
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 75 Resp: 65
Ion Ratio Lower Upper
75 100
53 16.9 83.7 125.5
89 0.0 38.2 57.2

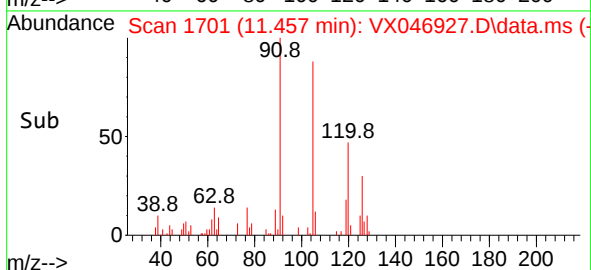
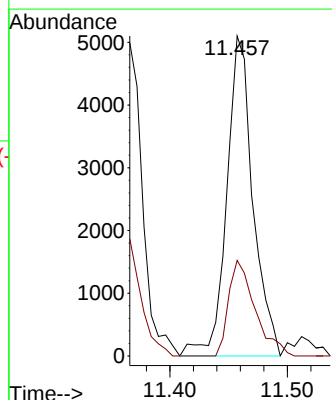
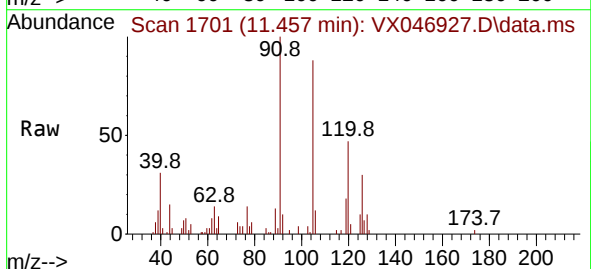
Manual Integrations
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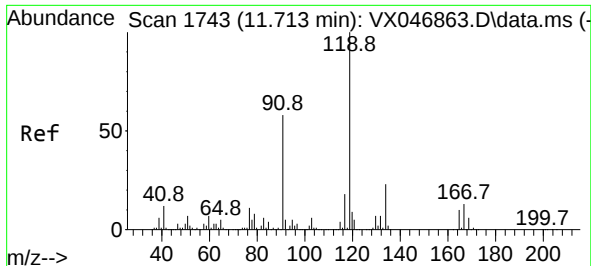
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#82
4-Chlorotoluene
Concen: 0.481 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion: 91 Resp: 7912
Ion Ratio Lower Upper
91 100
126 30.1 14.6 44.0





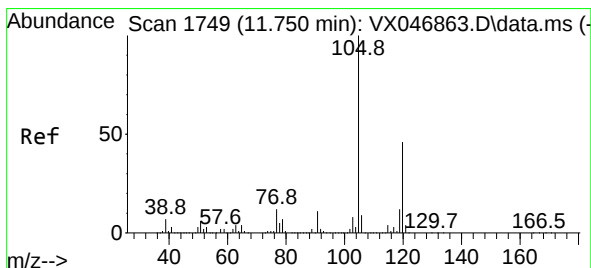
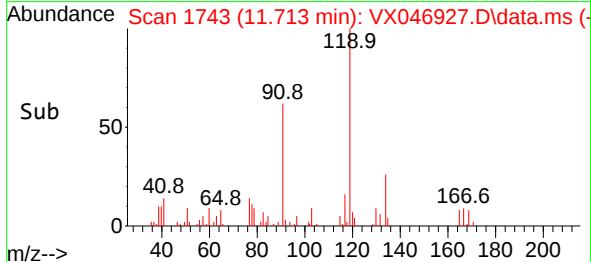
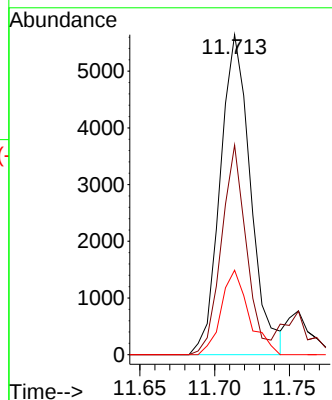
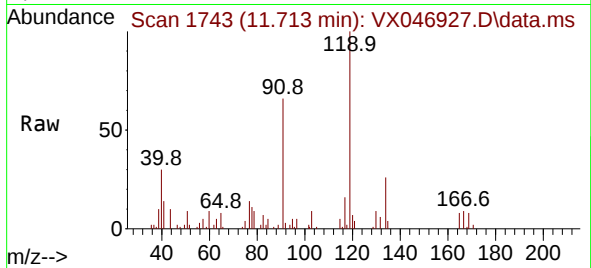
#83
tert-Butylbenzene
Concen: 0.476 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:119 Resp: 7985
Ion Ratio Lower Upper
119 100
91 54.1 28.7 86.3
134 24.0 11.4 34.2

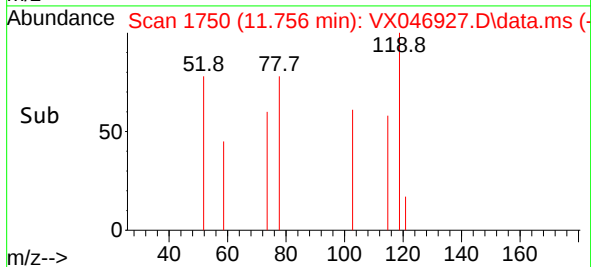
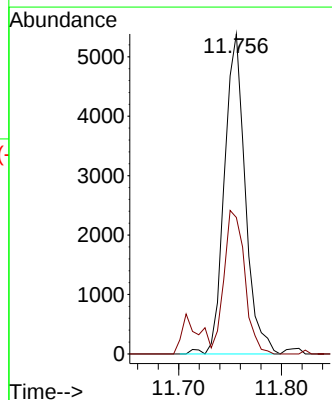
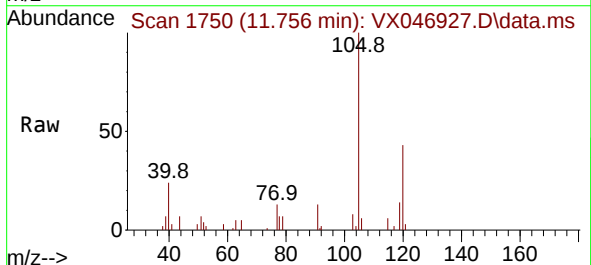
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#84
1,2,4-Trimethylbenzene
Concen: 0.460 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion:105 Resp: 7554
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8





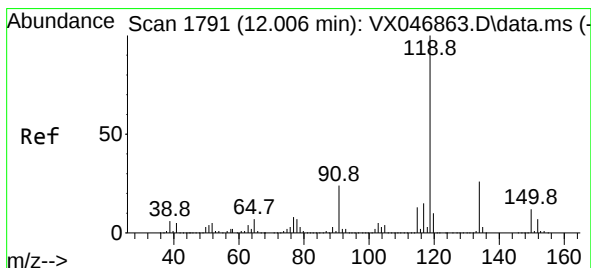
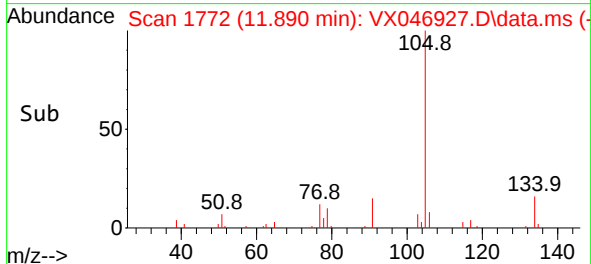
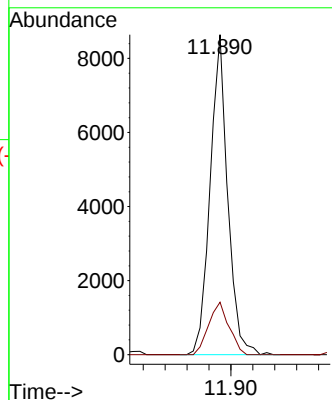
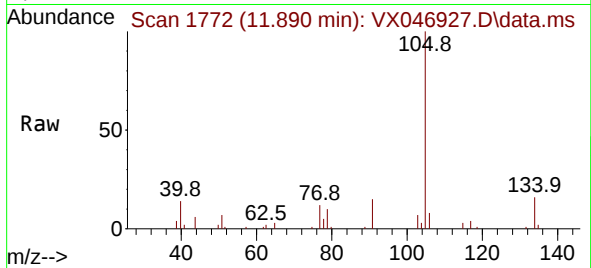
#85
 sec-Butylbenzene
 Concen: 0.453 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX046927.D
 Acq: 09 Jul 2025 13:15

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 9590
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.9 29.7

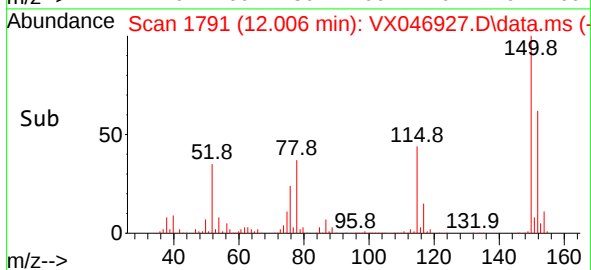
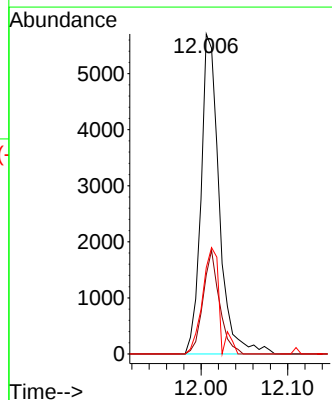
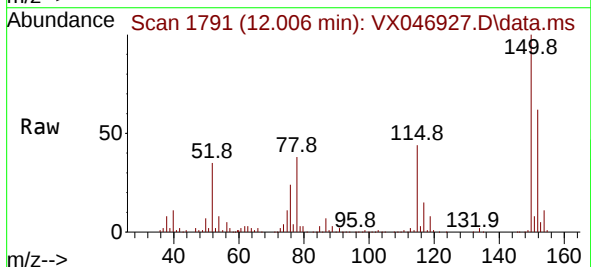
Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#86
 p-Isopropyltoluene
 Concen: 0.470 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046927.D
 Acq: 09 Jul 2025 13:15

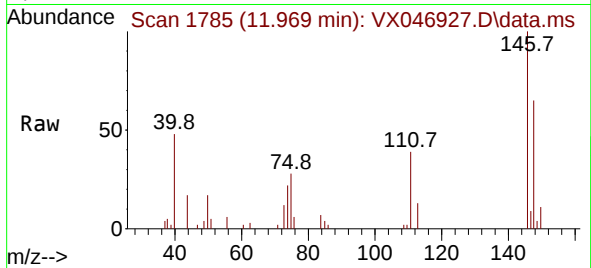
Tgt Ion:119 Resp: 8327
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.0 39.0
 91 30.9 12.0 36.1





#87
 1,3-Dichlorobenzene
 Concen: 0.517 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.006 min
 Lab File: VX046927.D
 Acq: 09 Jul 2025 13:15

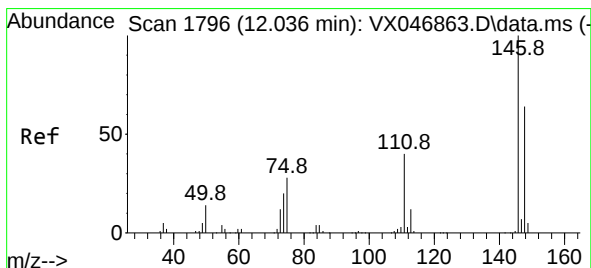
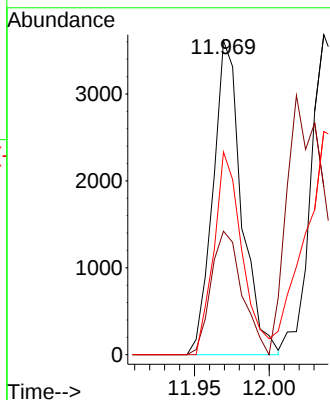
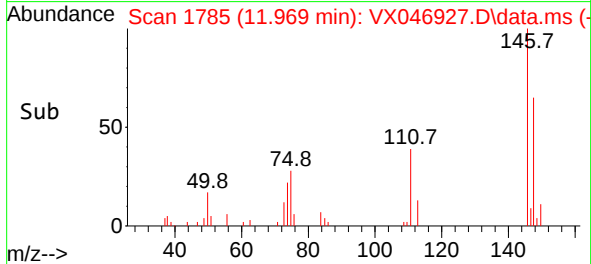
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



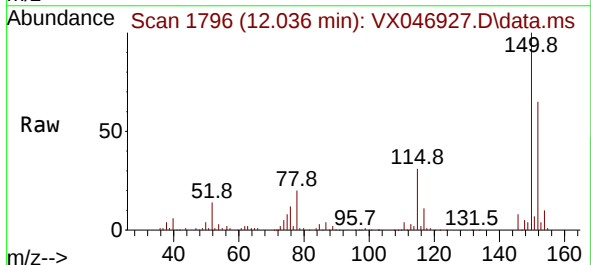
Tgt Ion:146 Resp: 4819
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.5 61.6
 148 63.6 31.4 94.2

Manual Integrations
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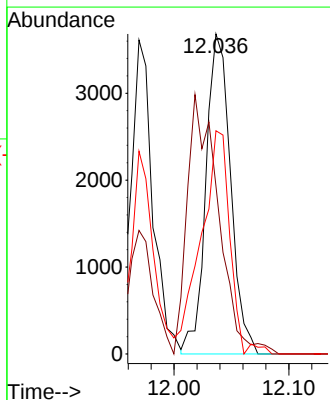
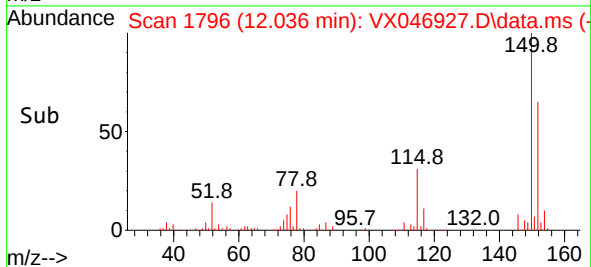
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#88
 1,4-Dichlorobenzene
 Concen: 0.567 ug/l m
 RT: 12.036 min Scan# 1796
 Delta R.T. -0.000 min
 Lab File: VX046927.D
 Acq: 09 Jul 2025 13:15



Tgt Ion:146 Resp: 5500
 Ion Ratio Lower Upper
 146 100
 111 37.4 20.2 60.5
 148 55.7 32.4 97.0





#89

n-Butylbenzene

Concen: 0.419 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

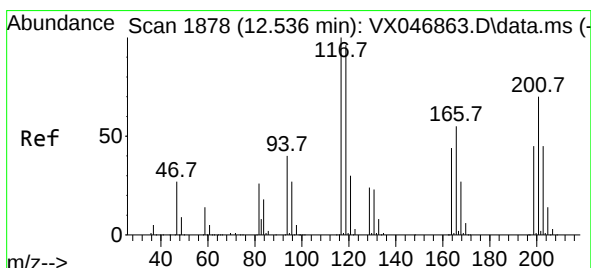
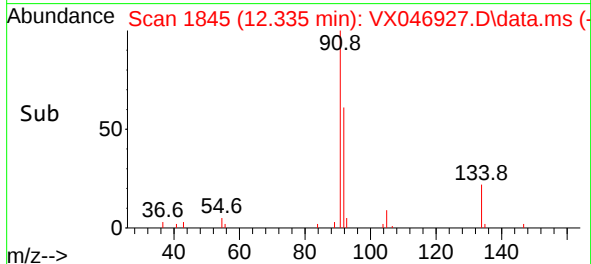
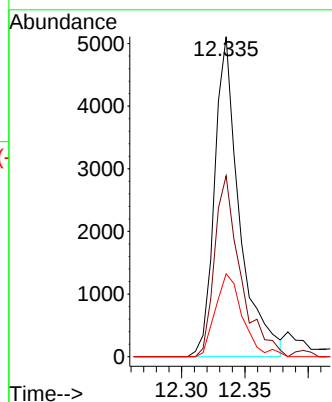
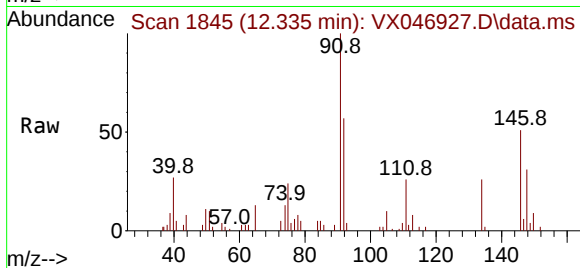
Tgt Ion: 91	Resp: 6979
Ion Ratio	Lower Upper
91	100
92	58.8 27.0 81.0
134	28.4 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#90

Hexachloroethane

Concen: 0.424 ug/l

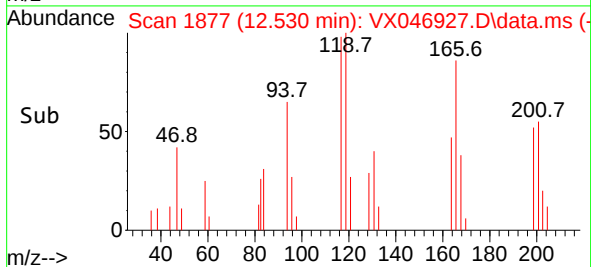
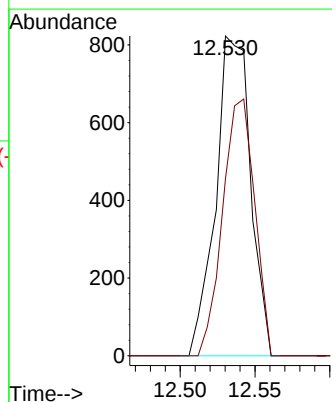
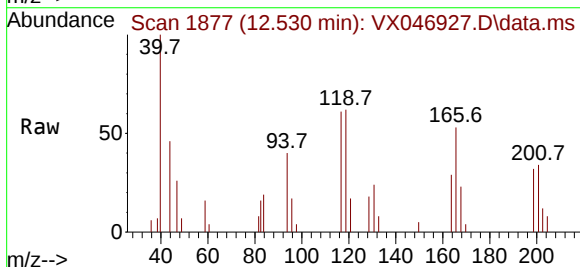
RT: 12.530 min Scan# 1877

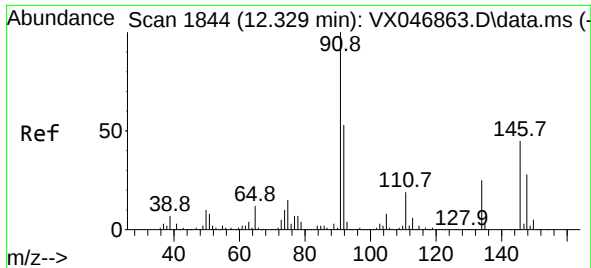
Delta R.T. -0.006 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

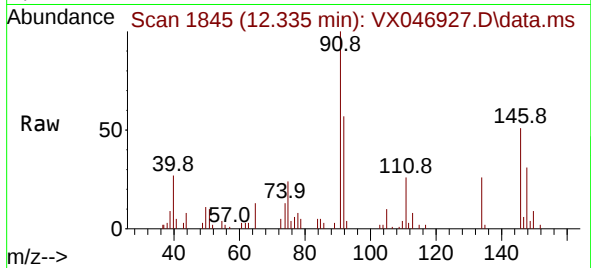
Tgt Ion: 117	Resp: 1332
Ion Ratio	Lower Upper
117	100
201	73.8 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 0.455 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

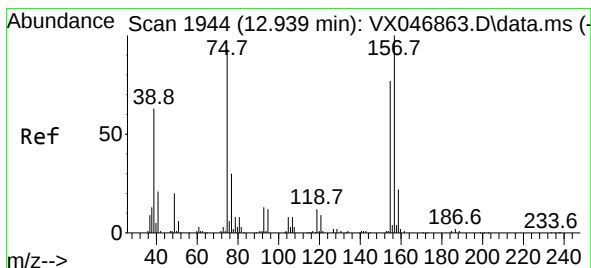
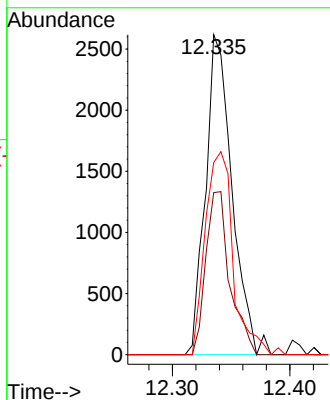
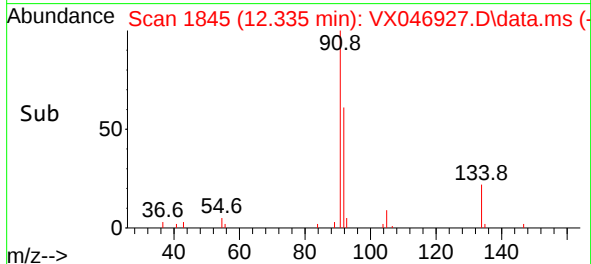
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:146 Resp: 411
Ion Ratio Lower Upper
146 100
111 46.0 21.1 63.1
148 66.7 31.6 95.0

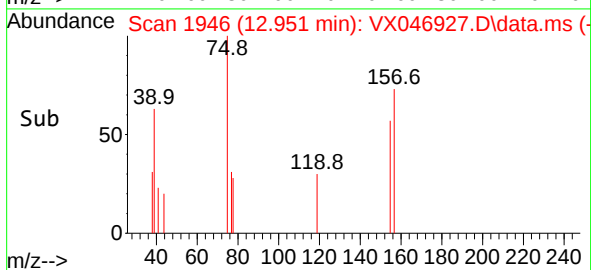
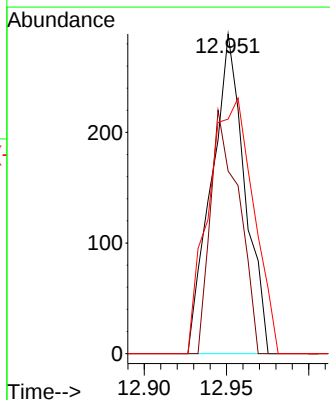
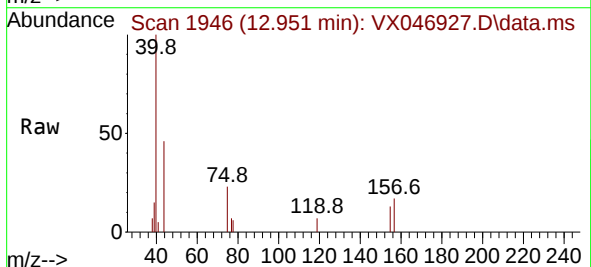
Manual Integrations
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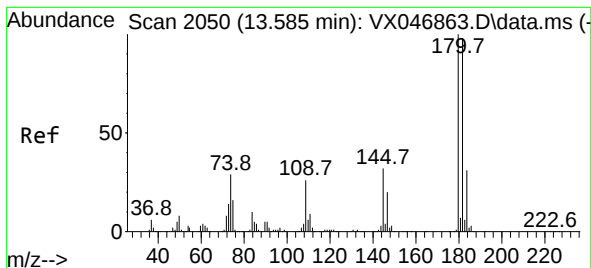
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.423 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion: 75 Resp: 407
Ion Ratio Lower Upper
75 100
155 64.9 43.1 129.4
157 107.9 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 0.513 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

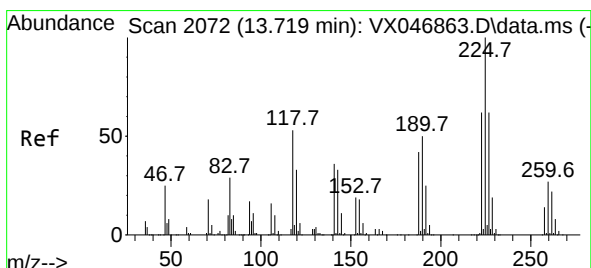
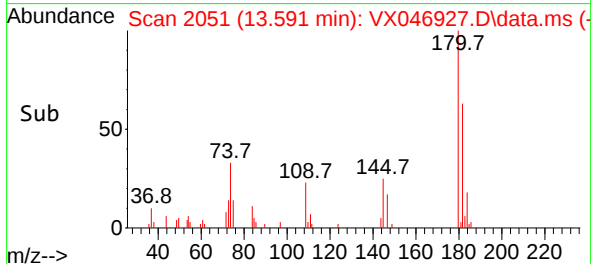
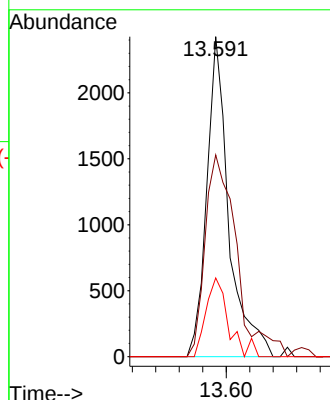
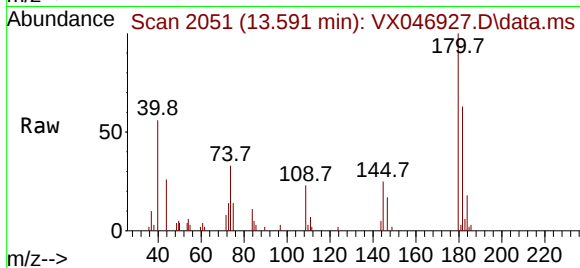
Tgt Ion:180	Resp:	3150
Ion Ratio	Lower	Upper
180	100	
182	89.7	47.3 141.9
145	25.0	16.1 48.2

Manual Integrations

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Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#94

Hexachlorobutadiene

Concen: 0.592 ug/l

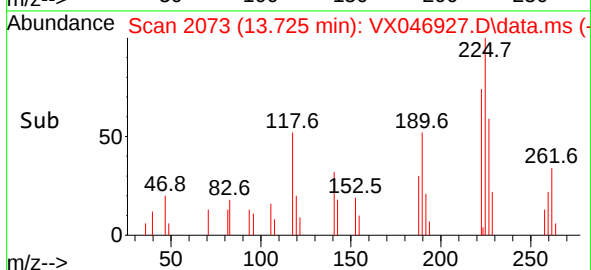
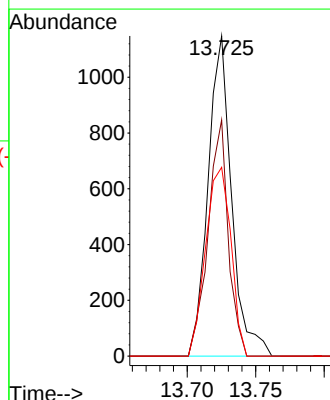
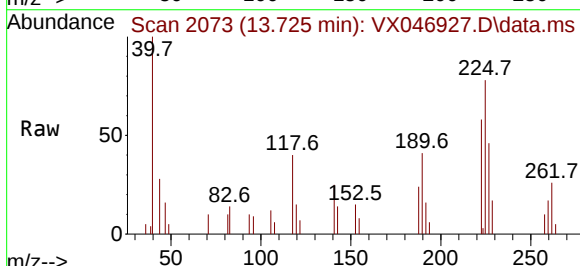
RT: 13.725 min Scan# 2073

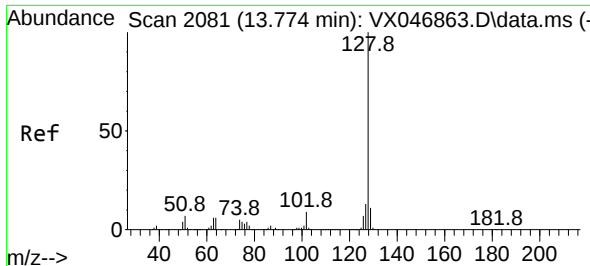
Delta R.T. 0.006 min

Lab File: VX046927.D

Acq: 09 Jul 2025 13:15

Tgt Ion:225	Resp:	1370
Ion Ratio	Lower	Upper
225	100	
223	63.4	31.6 94.7
227	63.4	31.6 94.7





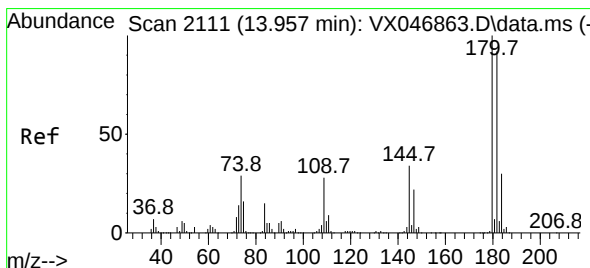
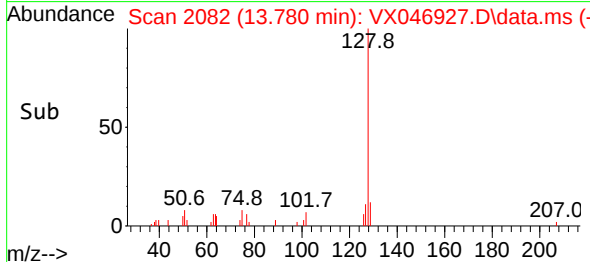
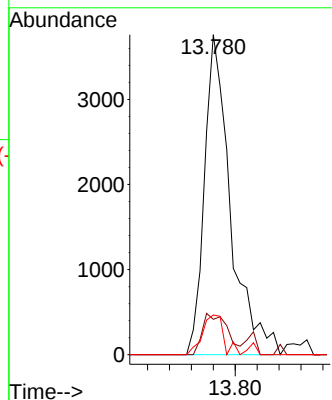
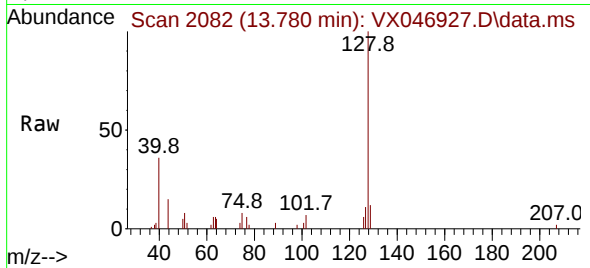
#95
Naphthalene
Concen: 0.384 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:128 Resp: 6215
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.515 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046927.D
Acq: 09 Jul 2025 13:15

Tgt Ion:180 Resp: 2988
Ion Ratio Lower Upper
180 100
182 81.5 46.7 140.1
145 30.4 16.8 50.3

