

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044932.D
 Acq On : 12 Feb 2025 14:49
 Operator : JC/MD
 Sample : Q1168-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Feb 13 03:43:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 13 03:28:47 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2025
 Supervised By : Mahesh Dadoda 02/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	110170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	175347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89283	55.363	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.720%			
35) Dibromofluoromethane	5.379	113	68341	51.378	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	8.647	98	256546	51.005	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	83228	49.083	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	699	0.452	ug/l	97
3) Chloromethane	1.300	50	1050	0.558	ug/l	97
4) Vinyl Chloride	1.367	62	790	0.434	ug/l #	65
5) Bromomethane	1.599	94	372	0.682	ug/l	92
6) Chloroethane	1.672	64	588	0.871	ug/l #	83
7) Trichlorofluoromethane	1.880	101	1107	0.480	ug/l	91
8) Diethyl Ether	2.136	74	492	0.589	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	645	0.463	ug/l #	93
10) Methyl Iodide	2.453	142	767	0.425	ug/l #	90
11) Tert butyl alcohol	2.946	59	2187	7.310	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	591	0.416	ug/l	84
13) Acrolein	2.233	56	863	2.796	ug/l	96
14) Allyl chloride	2.660	41	1241	0.484	ug/l #	59
15) Acrylonitrile	3.068	53	1773	2.220	ug/l	96
16) Acetone	2.380	43	1954	3.014	ug/l	95
17) Carbon Disulfide	2.508	76	1826	0.469	ug/l	97
18) Methyl Acetate	2.709	43	1163	0.568	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	2123	0.470	ug/l	93
20) Methylene Chloride	2.782	84	864	0.544	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	655	0.469	ug/l #	91
22) Diisopropyl ether	3.751	45	2355	0.485	ug/l #	30
23) Vinyl Acetate	3.733	43	7763	1.961	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	1108	0.408	ug/l #	83
25) 2-Butanone	4.580	43	2261	2.148	ug/l #	82
26) 2,2-Dichloropropane	4.471	77	863	0.401	ug/l #	52
27) cis-1,2-Dichloroethene	4.501	96	751	0.447	ug/l	84
28) Bromochloromethane	4.891	49	511m	0.391	ug/l	
29) Tetrahydrofuran	5.031	42	1741	2.491	ug/l #	73
30) Chloroform	5.092	83	1209	0.459	ug/l	99
31) Cyclohexane	5.470	56	1277	0.510	ug/l #	52
32) 1,1,1-Trichloroethane	5.373	97	905	0.405	ug/l #	47
36) 1,1-Dichloropropene	5.696	75	1085	0.565	ug/l #	51
37) Ethyl Acetate	4.763	43	1307m	0.612	ug/l	
38) Carbon Tetrachloride	5.672	117	1049	0.558	ug/l #	52
39) Methylcyclohexane	7.373	83	1135	0.457	ug/l #	84
40) Benzene	6.043	78	2814	0.470	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	430m	0.376	ug/l	
42) 1,2-Dichloroethane	6.086	62	1171	0.613	ug/l #	74
43) Isopropyl Acetate	6.361	43	1331	0.386	ug/l #	68
44) Trichloroethene	7.135	130	605	0.442	ug/l	86
45) 1,2-Dichloropropane	7.433	63	654	0.439	ug/l #	44
46) Dibromomethane	7.592	93	433	0.419	ug/l	88
47) Bromodichloromethane	7.824	83	847	0.423	ug/l #	70
48) Methyl methacrylate	7.720	41	605m	0.372	ug/l	
49) 1,4-Dioxane	7.690	88	317	9.091	ug/l #	75
51) 4-Methyl-2-Pentanone	8.574	43	4546	2.169	ug/l	94
52) Toluene	8.720	92	1537	0.431	ug/l	85
53) t-1,3-Dichloropropene	9.006	75	703m	0.347	ug/l	
54) cis-1,3-Dichloropropene	8.372	75	781	0.346	ug/l #	78
55) 1,1,2-Trichloroethane	9.153	97	529	0.386	ug/l #	89
56) Ethyl methacrylate	9.134	69	774m	0.349	ug/l	
57) 1,3-Dichloropropane	9.311	76	1194	0.497	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.257	63	1893	1.740	ug/l	91
59) 2-Hexanone	9.439	43	2933	1.943	ug/l	94
60) Dibromochloromethane	9.525	129	608	0.414	ug/l	81
61) 1,2-Dibromoethane	9.610	107	538	0.387	ug/l	98
64) Tetrachloroethene	9.275	164	541	0.489	ug/l	87
65) Chlorobenzene	10.079	112	1916	0.509	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.159	131	598	0.493	ug/l #	53
67) Ethyl Benzene	10.195	91	3016	0.454	ug/l	89
68) m/p-Xylenes	10.305	106	1933	0.788	ug/l	89
69) o-Xylene	10.640	106	975	0.396	ug/l	88
70) Styrene	10.665	104	1593	0.402	ug/l	95
71) Bromoform	10.805	173	496	0.548	ug/l #	81
73) Isopropylbenzene	10.963	105	2508	0.421	ug/l	91
74) N-amyl acetate	10.848	43	867	0.322	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	11.213	83	943	0.461	ug/l #	94
76) 1,2,3-Trichloropropane	11.244	75	930m	0.567	ug/l	
77) Bromobenzene	11.201	156	630	0.467	ug/l	94
78) n-propylbenzene	11.305	91	2789	0.406	ug/l	99
79) 2-Chlorotoluene	11.360	91	2076	0.492	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	2013	0.417	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	44005	69.068	ug/l #	11
82) 4-Chlorotoluene	11.463	91	2027	0.434	ug/l	100
83) tert-Butylbenzene	11.713	119	2300	0.471	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	2039	0.428	ug/l	93
85) sec-Butylbenzene	11.890	105	2448	0.405	ug/l	97
86) p-Isopropyltoluene	12.006	119	1871	0.385	ug/l	89
87) 1,3-Dichlorobenzene	11.975	146	1069	0.431	ug/l	95
88) 1,4-Dichlorobenzene	12.036	146	1238m	0.493	ug/l	
89) n-Butylbenzene	12.335	91	1258	0.292	ug/l	84
90) Hexachloroethane	12.536	117	285	0.313	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	1199	0.492	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.951	75	162	0.434	ug/l #	29
93) 1,2,4-Trichlorobenzene	13.597	180	470	0.318	ug/l	90
94) Hexachlorobutadiene	13.731	225	149	0.254	ug/l #	24
95) Naphthalene	13.780	128	1828	0.343	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	541	0.364	ug/l	95

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LOD-MDL-WATER-01-QT1-2025

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

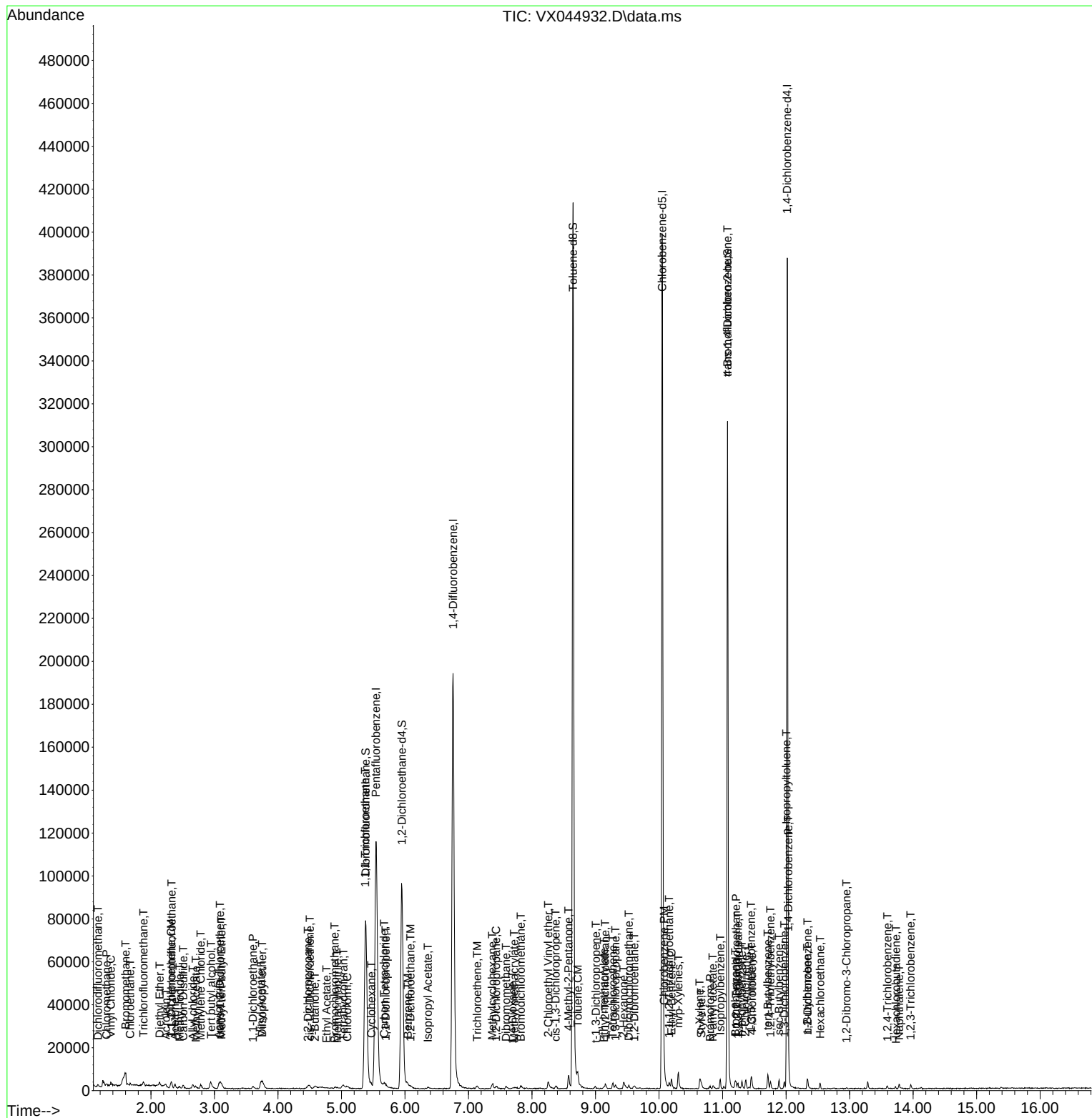
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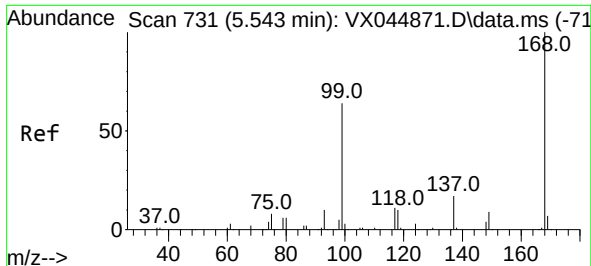
Instrument :
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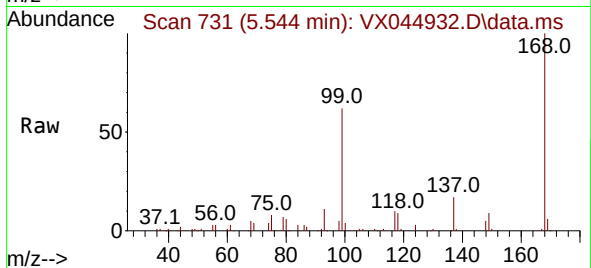
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044932.D
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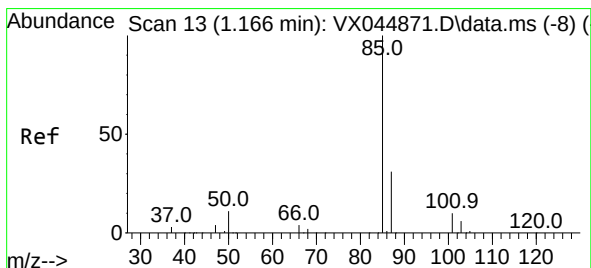
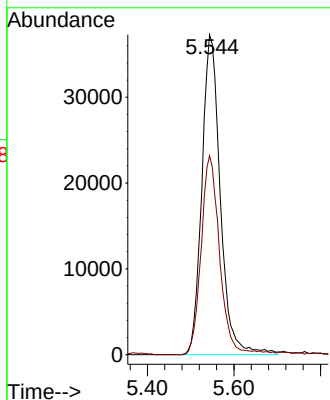
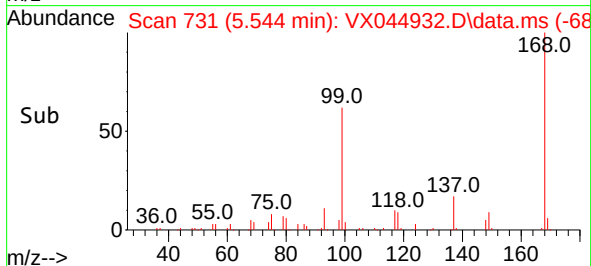
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Tgt Ion:168 Resp: 110170
Ion Ratio Lower Upper
168 100
99 62.1 51.2 76.8

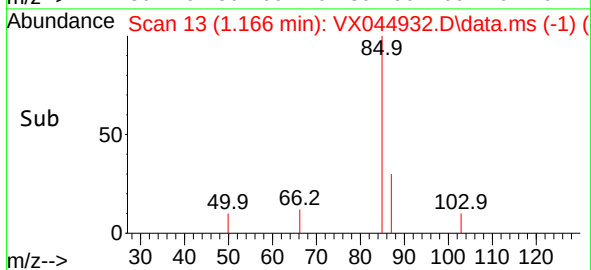
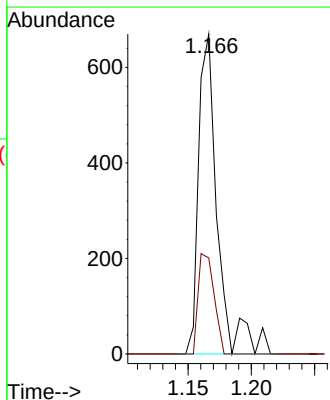
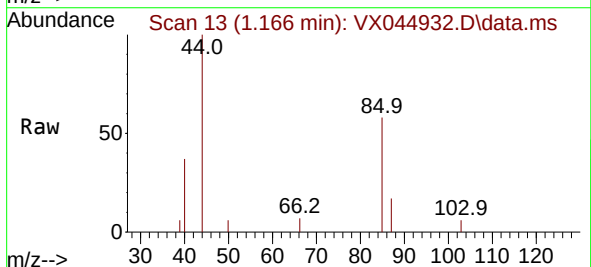
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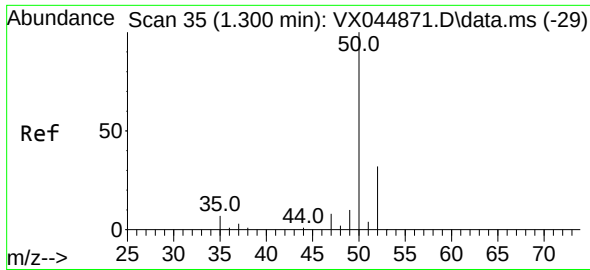
Reviewed By :John Carlone 02/14/2025
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#2
Dichlorodifluoromethane
Concen: 0.452 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 85 Resp: 699
Ion Ratio Lower Upper
85 100
87 30.0 15.8 47.3





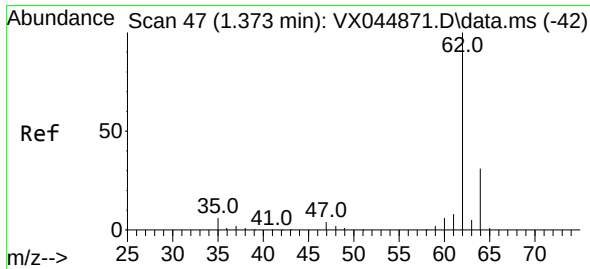
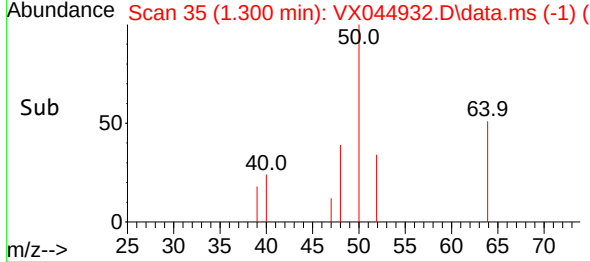
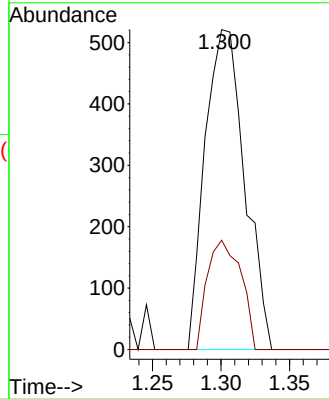
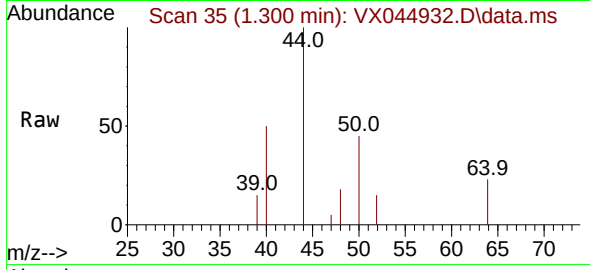
#3
Chloromethane
Concen: 0.558 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
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LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 50 Resp: 1050
Ion Ratio Lower Upper
50 100
52 34.2 25.9 38.9

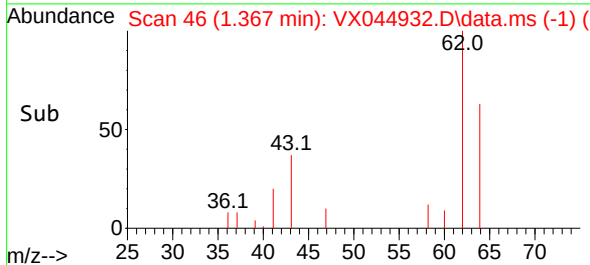
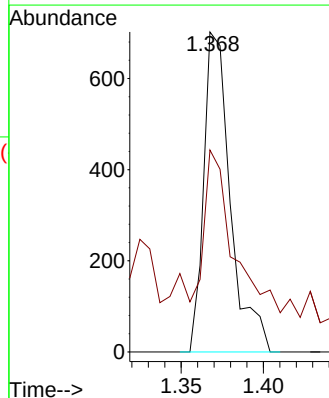
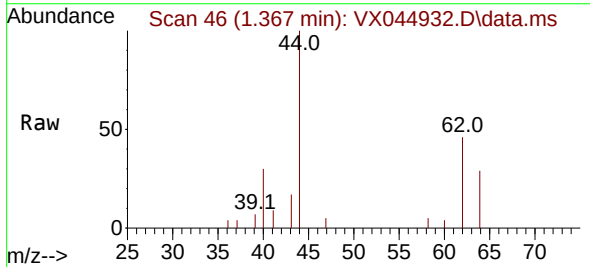
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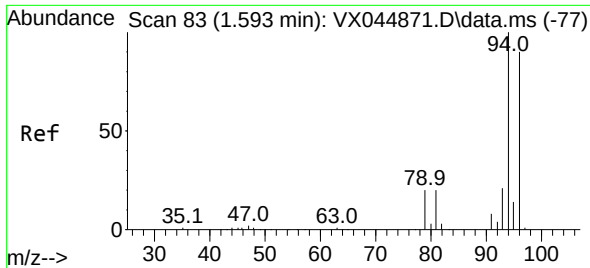
Reviewed By :John Carlone 02/14/2025
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#4
Vinyl Chloride
Concen: 0.434 ug/l
RT: 1.367 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 62 Resp: 790
Ion Ratio Lower Upper
62 100
64 50.9 25.4 38.0#





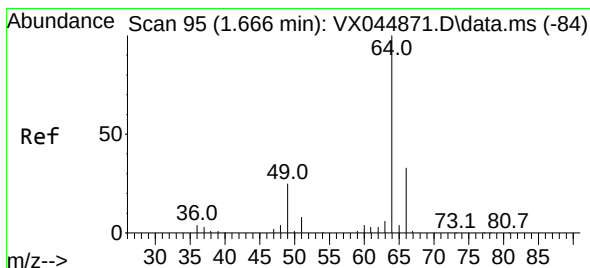
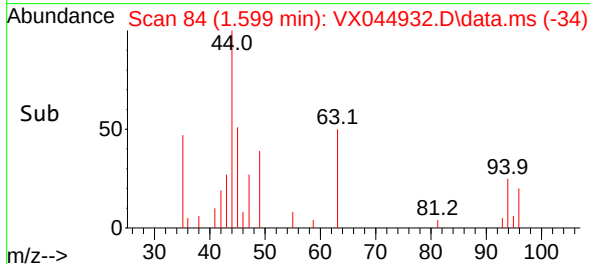
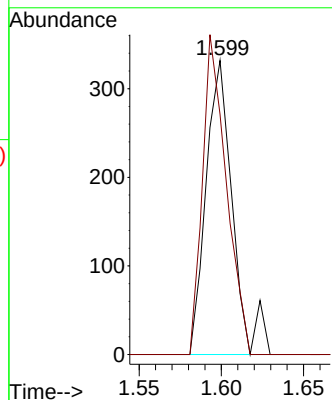
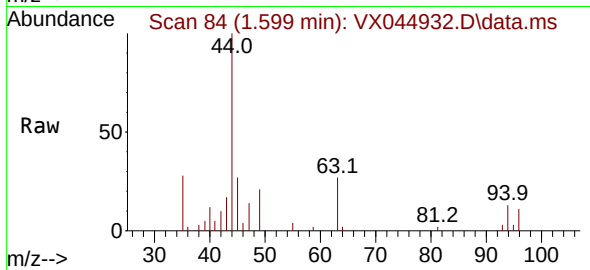
#5
Bromomethane
Concen: 0.682 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
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Tgt Ion: 94 Resp: 372
Ion Ratio Lower Upper
94 100
96 81.6 71.6 107.4

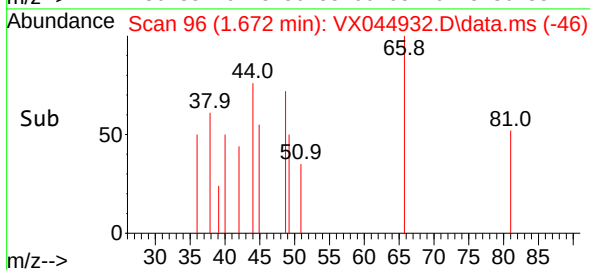
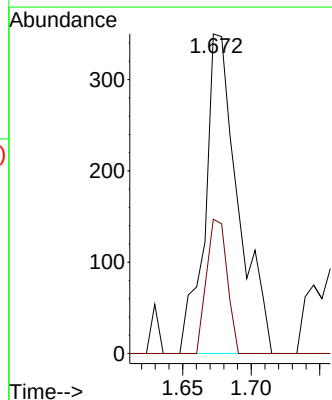
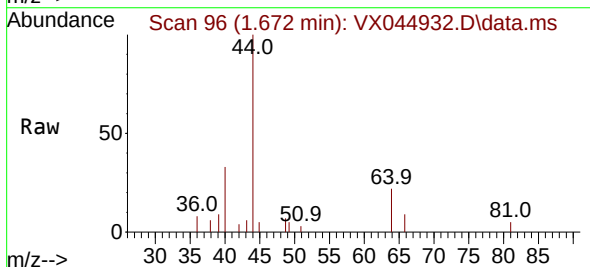
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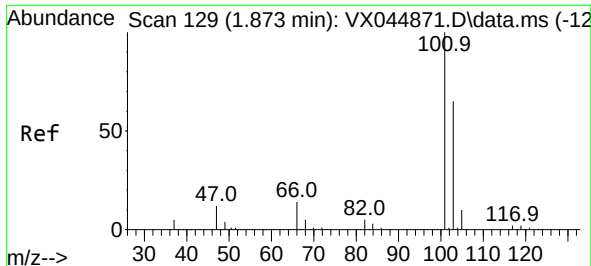
Reviewed By :John Carlone 02/14/2025
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#6
Chloroethane
Concen: 0.871 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

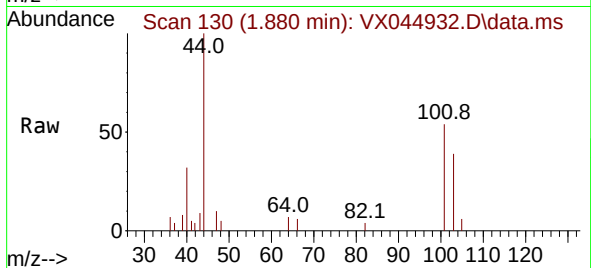
Tgt Ion: 64 Resp: 588
Ion Ratio Lower Upper
64 100
66 42.0 25.9 38.9#





#7
Trichlorofluoromethane
Concen: 0.480 ug/l
RT: 1.880 min Scan# 110
Delta R.T. 0.007 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

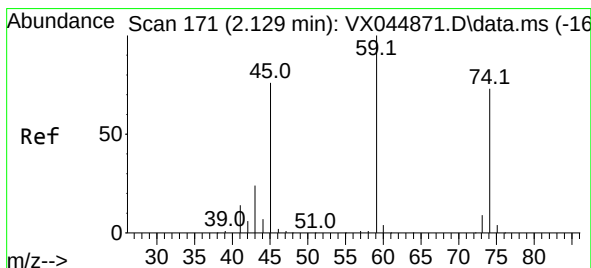
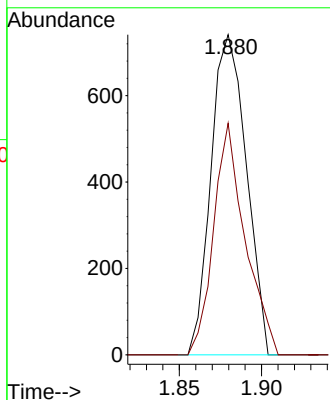
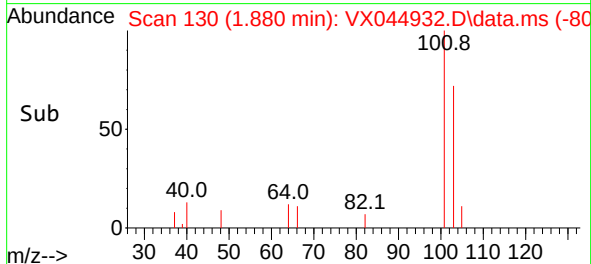
Instrument :
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Tgt Ion:101 Resp: 110
Ion Ratio Lower Upper
101 100
103 72.3 52.4 78.6

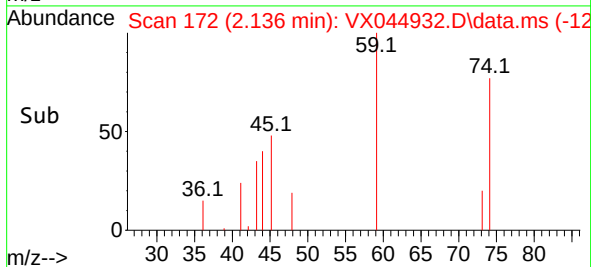
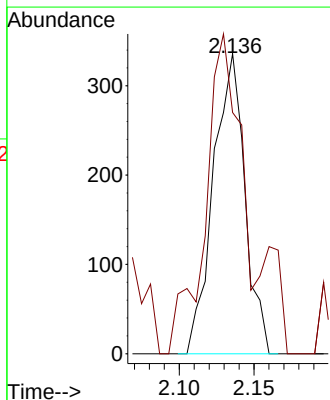
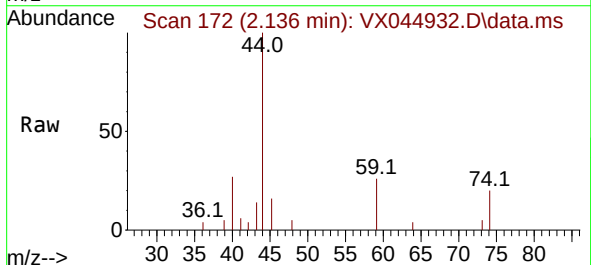
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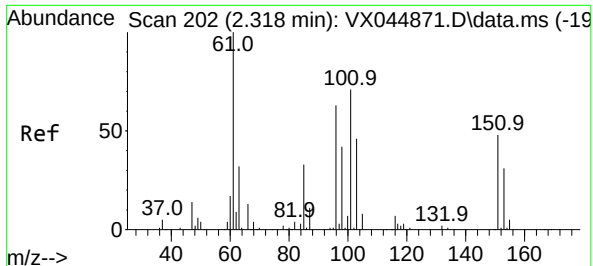
Reviewed By :John Carlone 02/14/2025
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#8
Diethyl Ether
Concen: 0.589 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 74 Resp: 492
Ion Ratio Lower Upper
74 100
45 125.0 51.1 153.4





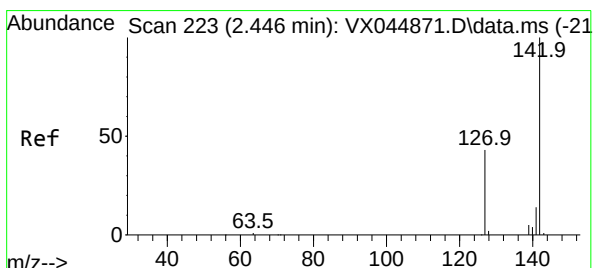
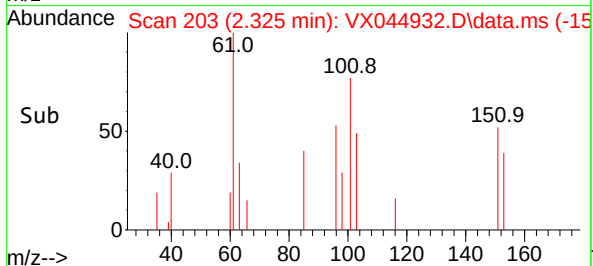
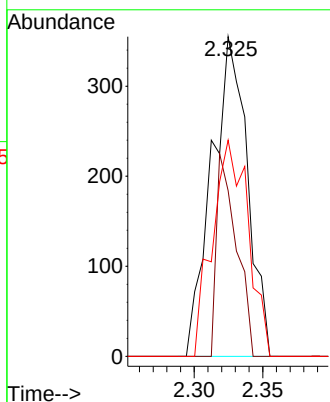
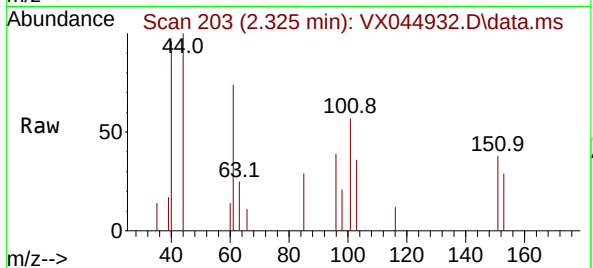
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.463 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:101 Resp: 645
Ion Ratio Lower Upper
101 100
85 35.2 35.7 53.5
151 67.6 56.0 84.0

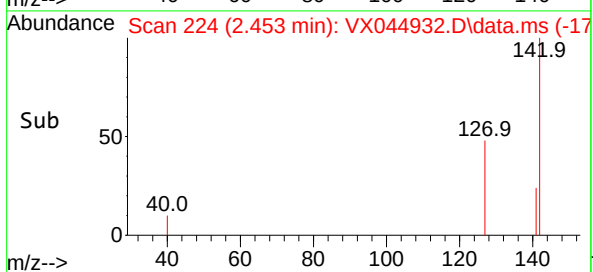
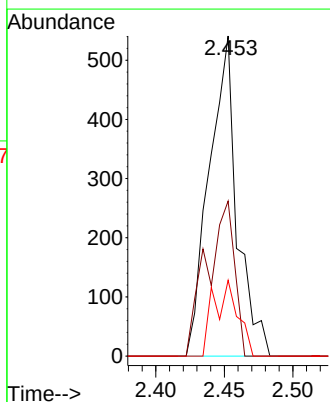
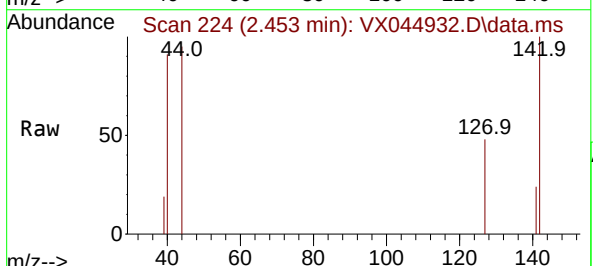
Manual Integrations
APPROVED

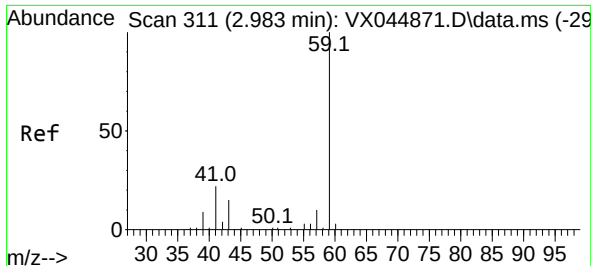
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#10
Methyl Iodide
Concen: 0.425 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion:142 Resp: 767
Ion Ratio Lower Upper
142 100
127 48.1 34.3 51.5
141 20.5 11.4 17.2#





#11

Tert butyl alcohol

Concen: 7.310 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.036 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 59 Resp: 218

Ion Ratio Lower Upper

59 100

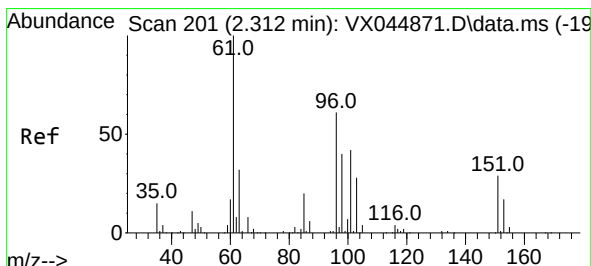
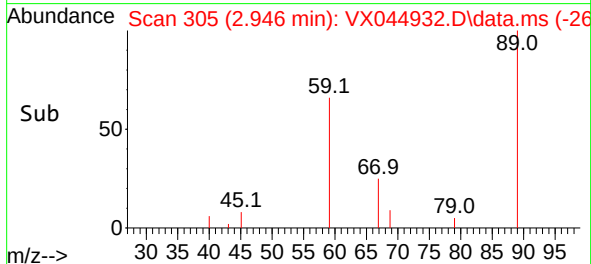
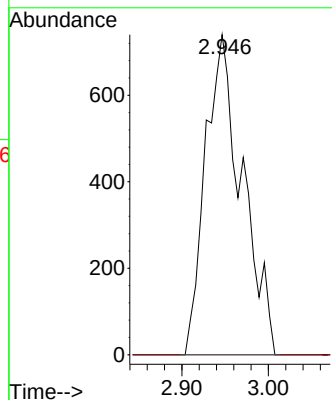
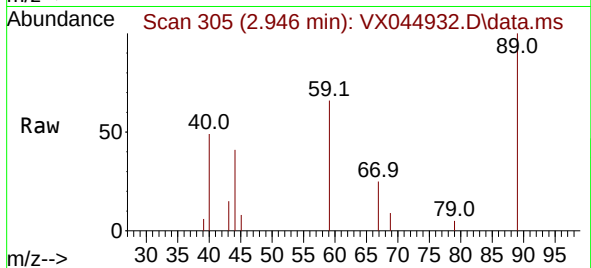
57 0.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#12

1,1-Dichloroethene

Concen: 0.416 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

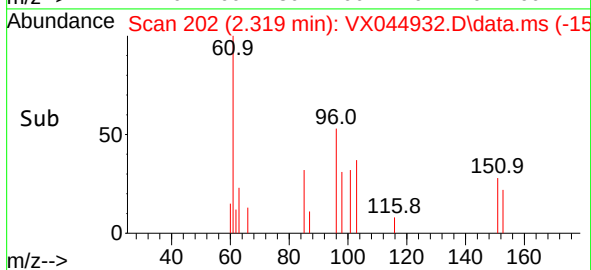
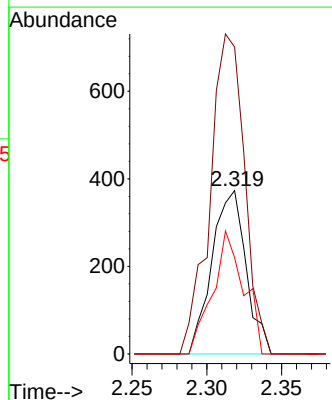
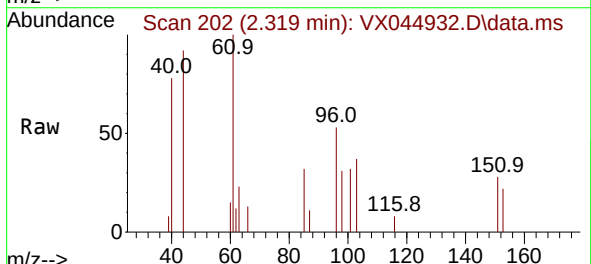
Tgt Ion: 96 Resp: 591

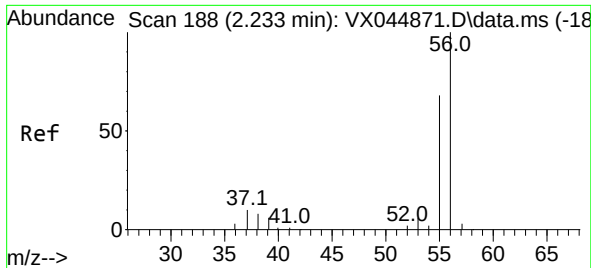
Ion Ratio Lower Upper

96 100

61 187.9 130.2 195.4

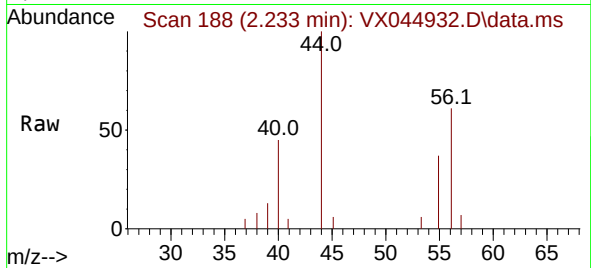
98 59.0 52.2 78.4





#13
Acrolein
Concen: 2.796 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

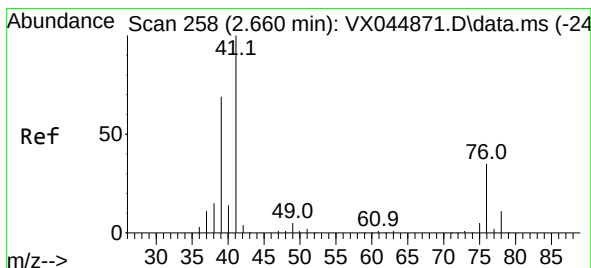
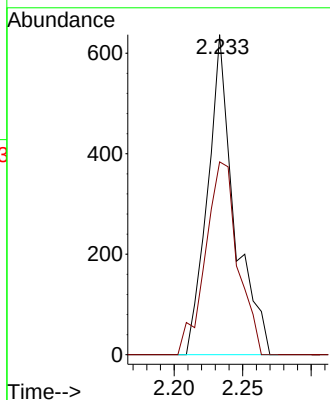
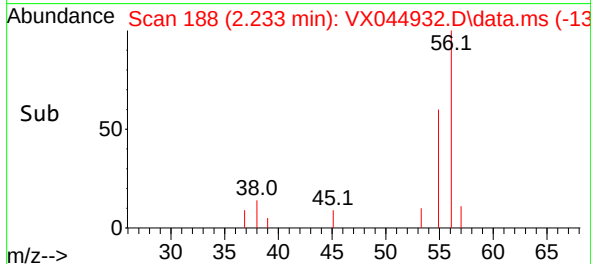
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



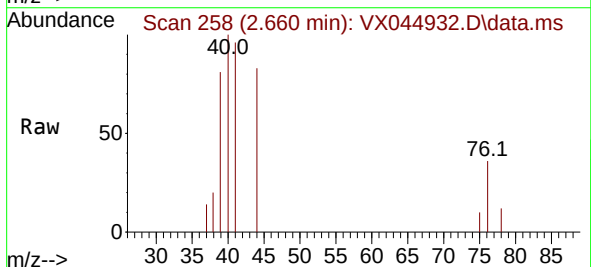
Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 73.0 55.7 83.5

Manual Integrations
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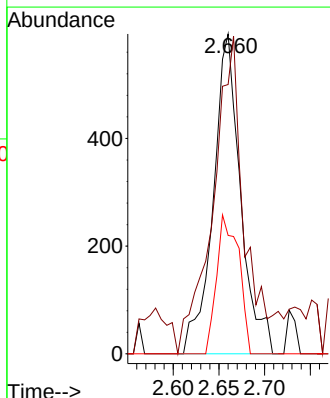
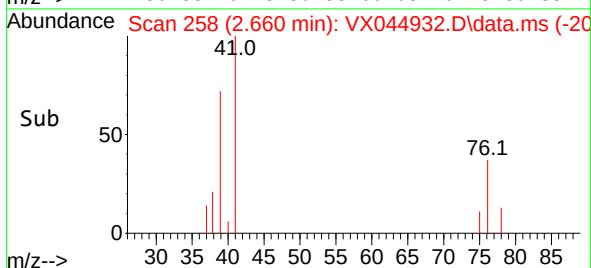
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

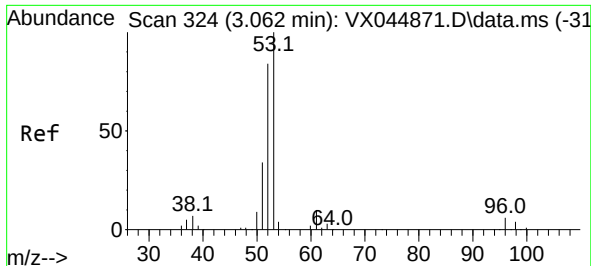


#14
Allyl chloride
Concen: 0.484 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49



Tgt Ion: 41 Resp: 1241
Ion Ratio Lower Upper
41 100
39 112.4 51.4 77.2#
76 34.9 27.0 40.4





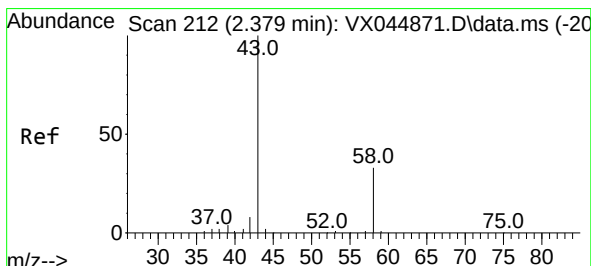
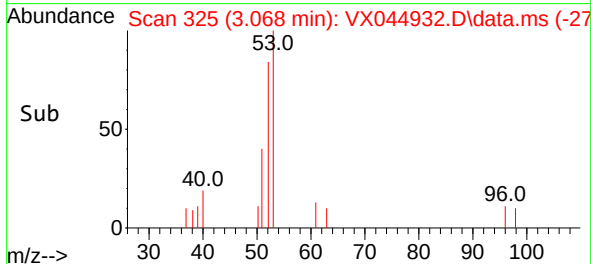
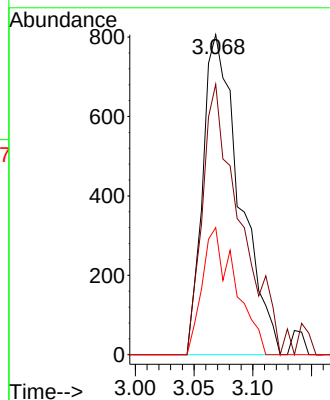
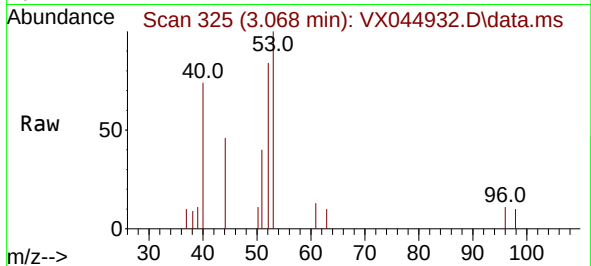
#15
Acrylonitrile
Concen: 2.220 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 53 Resp: 177
Ion Ratio Lower Upper
53 100
52 86.0 65.0 97.6
51 35.6 28.0 42.0

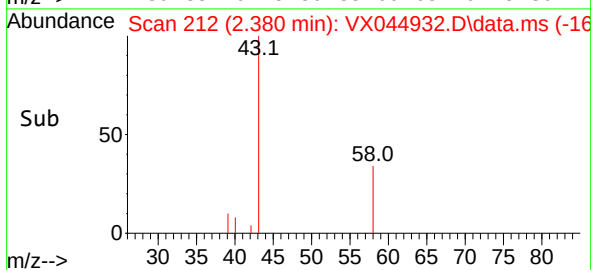
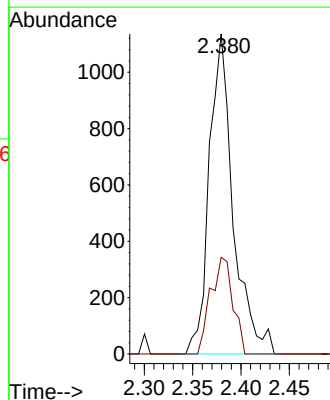
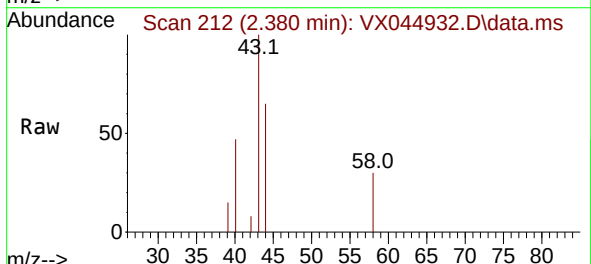
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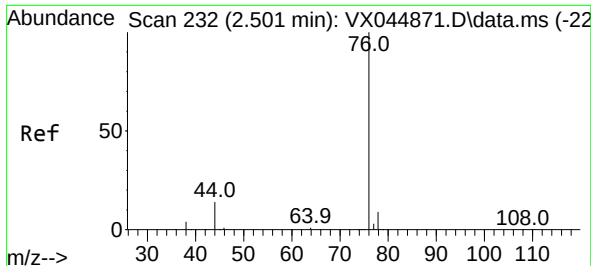
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#16
Acetone
Concen: 3.014 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
58 30.2 26.5 39.7





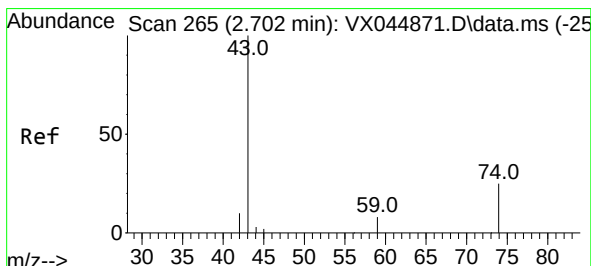
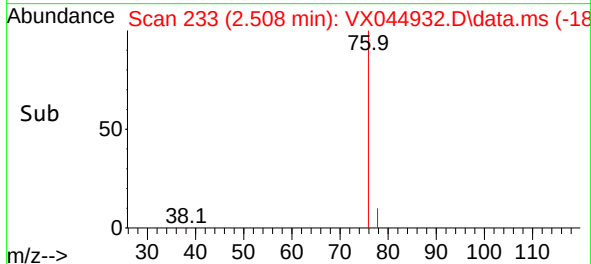
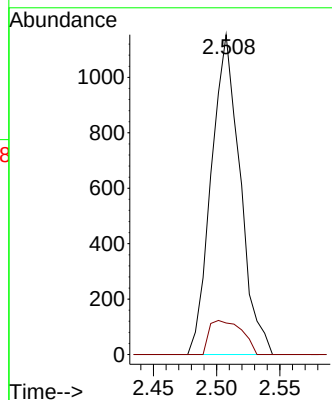
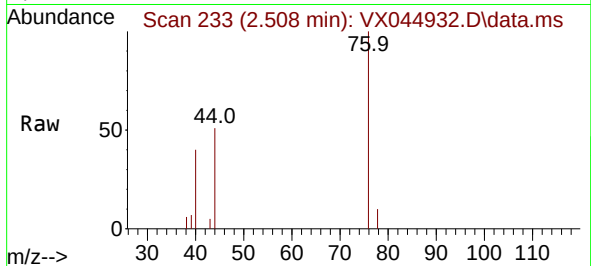
#17
Carbon Disulfide
Concen: 0.469 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 76 Resp: 1820
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4

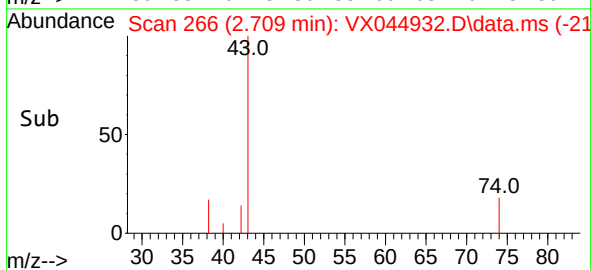
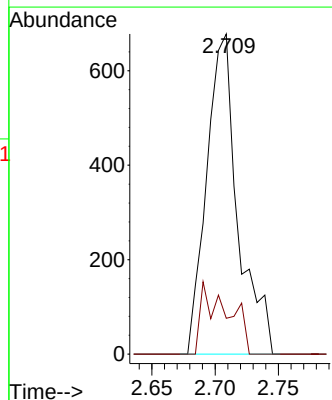
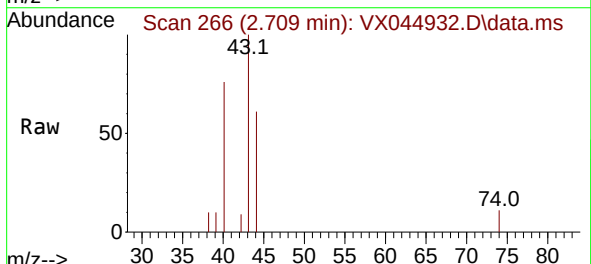
Manual Integrations
APPROVED

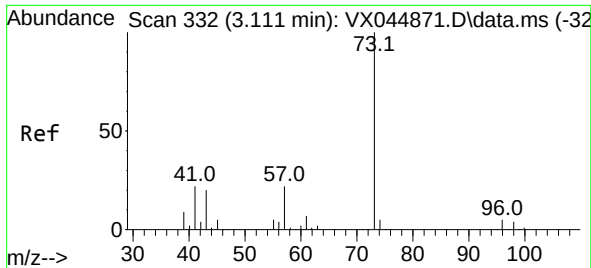
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#18
Methyl Acetate
Concen: 0.568 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
74 19.4 18.9 28.3





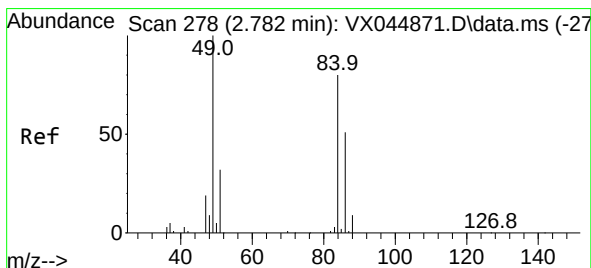
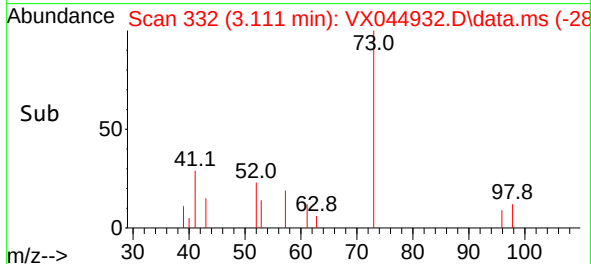
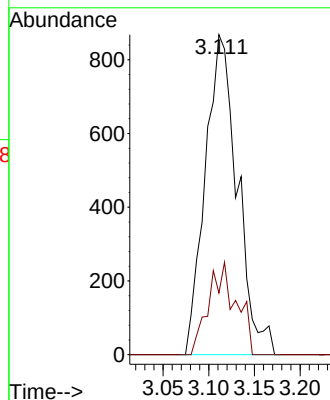
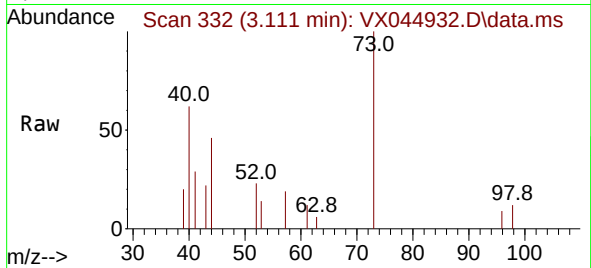
#19
Methyl tert-butyl Ether
Concen: 0.470 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 73 Resp: 212
Ion Ratio Lower Upper
73 100
57 19.2 17.9 26.9

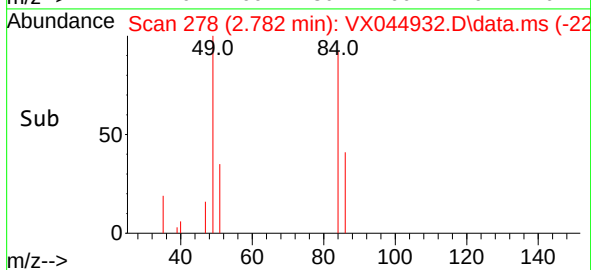
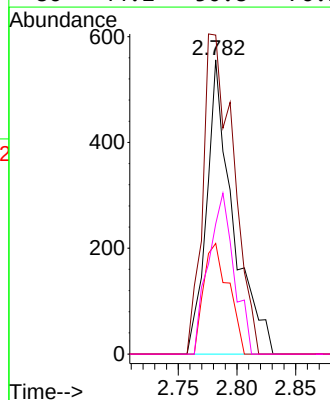
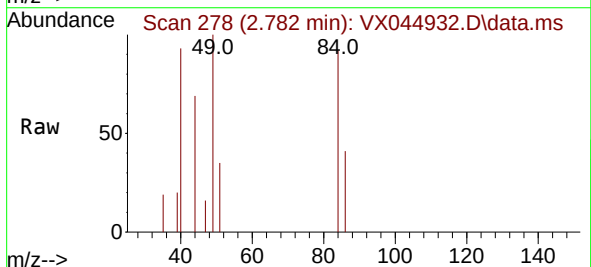
Manual Integrations
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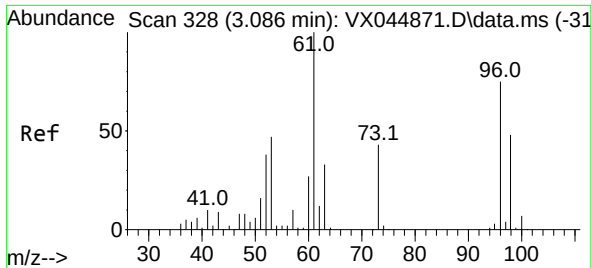
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#20
Methylene Chloride
Concen: 0.544 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

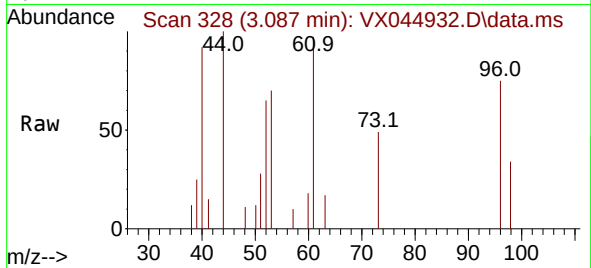
Tgt Ion: 84 Resp: 864
Ion Ratio Lower Upper
84 100
49 108.5 100.1 150.1
51 37.6 31.7 47.5
86 44.2 50.8 76.2#





#21
trans-1,2-Dichloroethene
Concen: 0.469 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

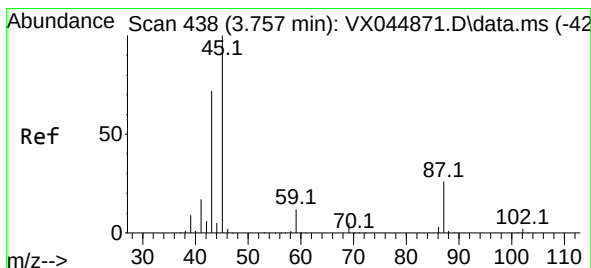
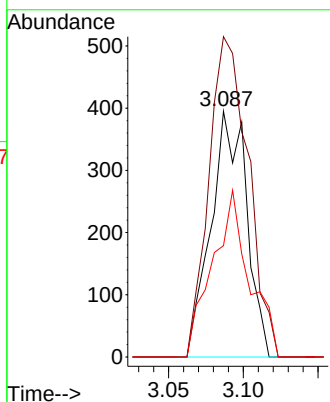
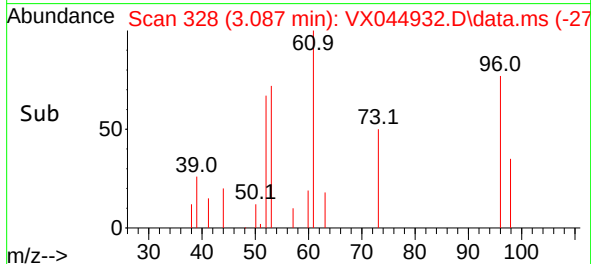
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



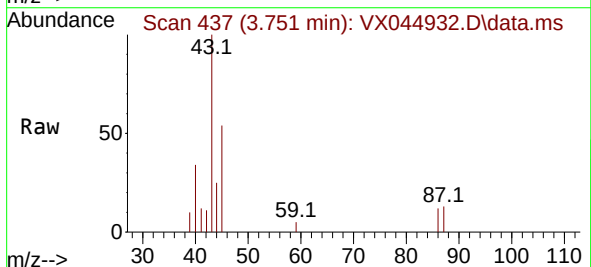
Tgt Ion: 96 Resp: 65
Ion Ratio Lower Upper
96 100
61 130.4 106.0 159.0
98 45.3 50.6 76.0

Manual Integrations
APPROVED

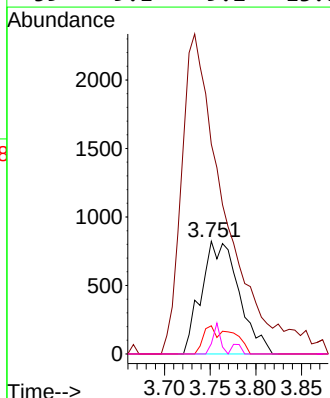
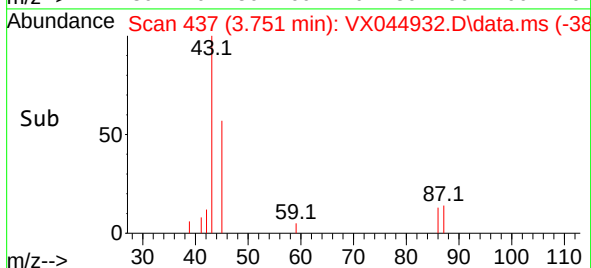
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

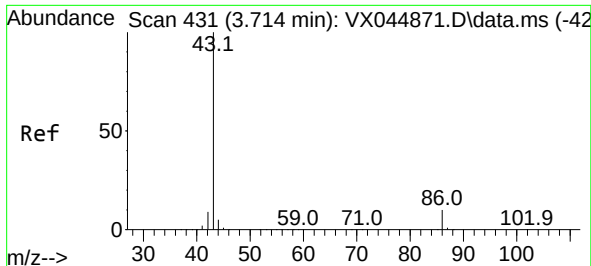


#22
Diisopropyl ether
Concen: 0.485 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49



Tgt Ion: 45 Resp: 2355
Ion Ratio Lower Upper
45 100
43 159.6 58.0 87.0#
87 25.1 20.7 31.1
59 9.1 9.2 13.8#





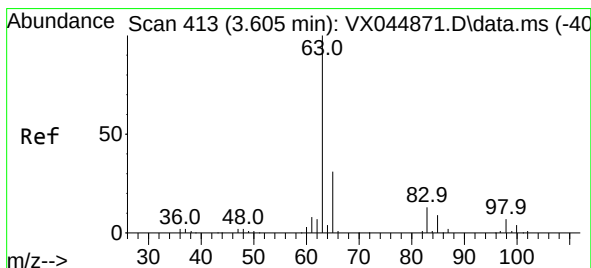
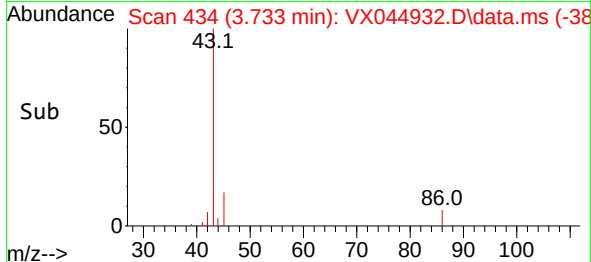
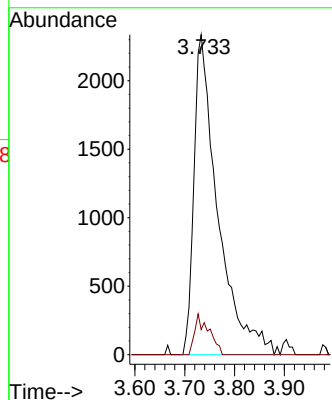
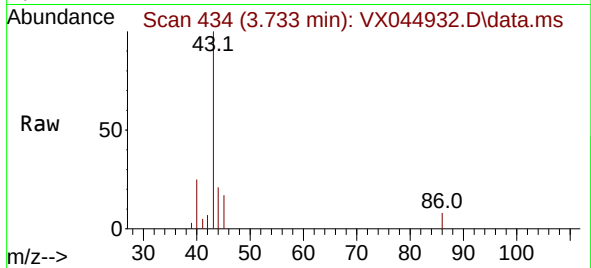
#23
 Vinyl Acetate
 Concen: 1.961 ug/l
 RT: 3.733 min Scan# 413
 Delta R.T. 0.019 min
 Lab File: VX044932.D
 Acq: 12 Feb 2025 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 43 Resp: 776
 Ion Ratio Lower Upper
 43 100
 86 7.8 8.3 12.5

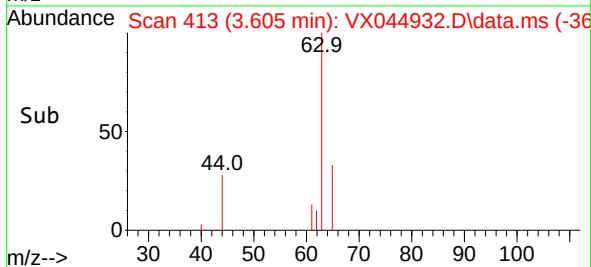
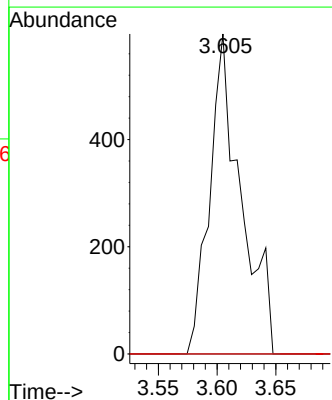
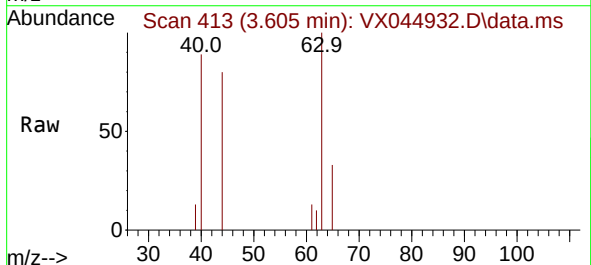
Manual Integrations
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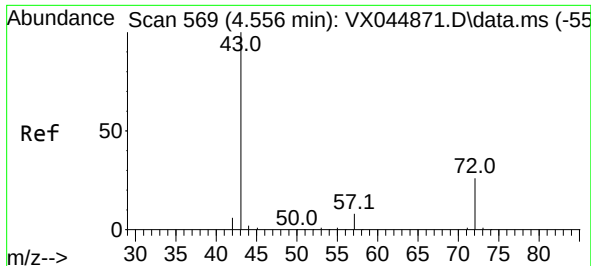
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#24
 1,1-Dichloroethane
 Concen: 0.408 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044932.D
 Acq: 12 Feb 2025 14:49

Tgt Ion: 63 Resp: 1108
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#





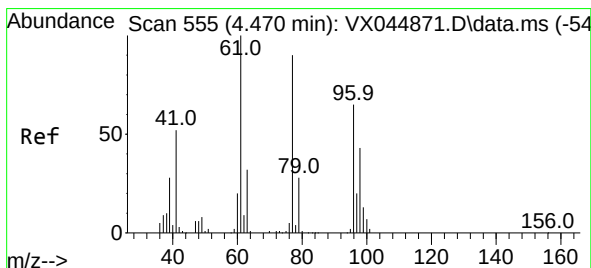
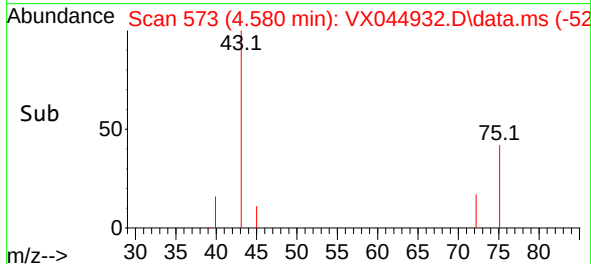
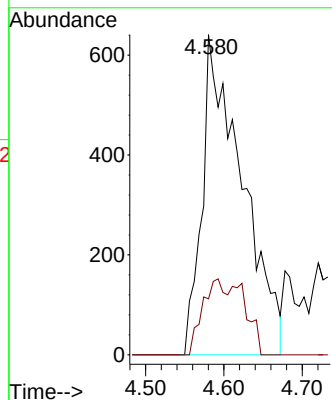
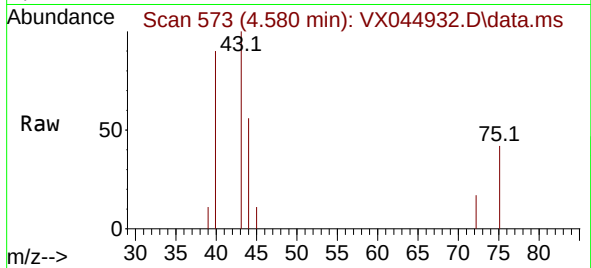
#25
2-Butanone
Concen: 2.148 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
72 17.5 21.2 31.8

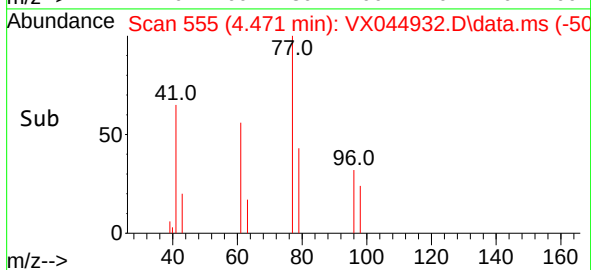
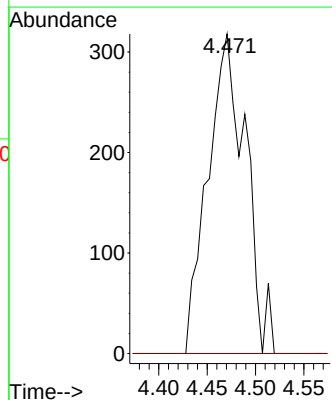
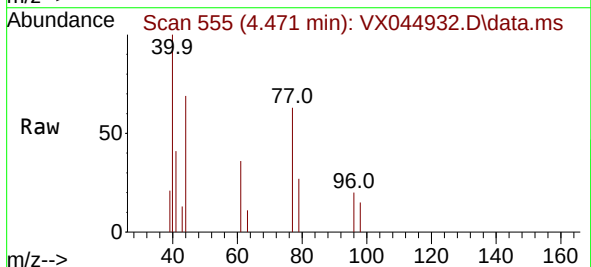
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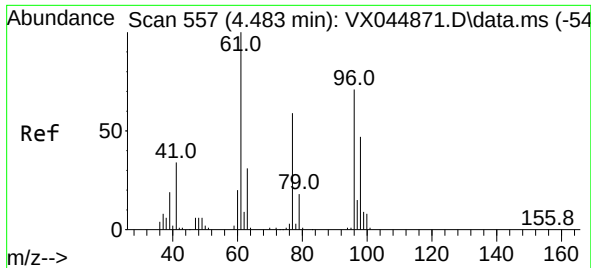
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#26
2,2-Dichloropropane
Concen: 0.401 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 77 Resp: 863
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 0.447 ug/l

RT: 4.501 min Scan# 557

Delta R.T. 0.019 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

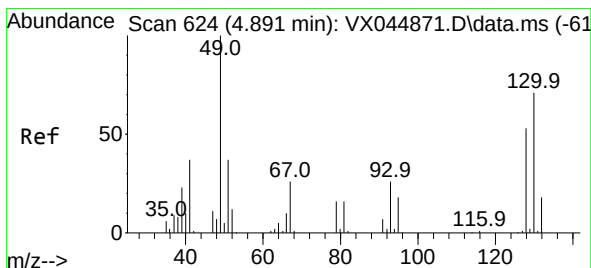
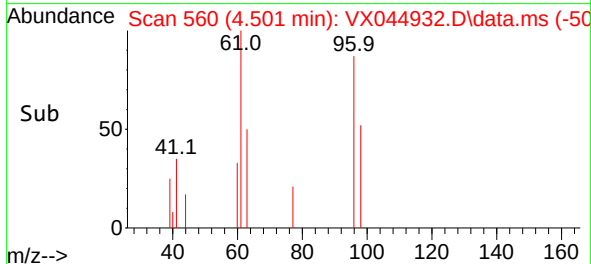
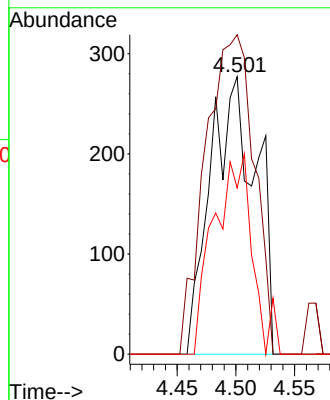
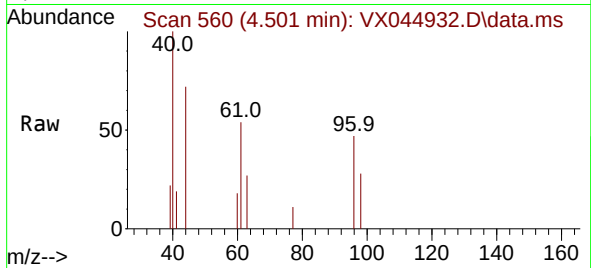
Tgt Ion:	96	Resp:	75
Ion	Ratio	Lower	Upper
96	100		
61	122.0	0.0	294.0
98	60.6	0.0	131.2

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Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#28

Bromochloromethane

Concen: 0.391 ug/l m

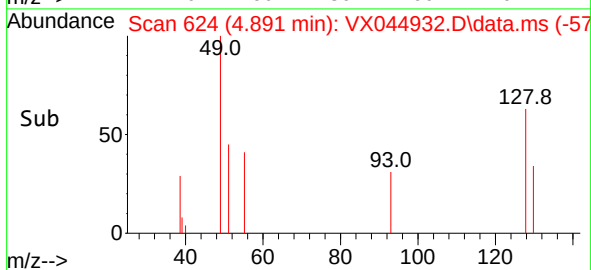
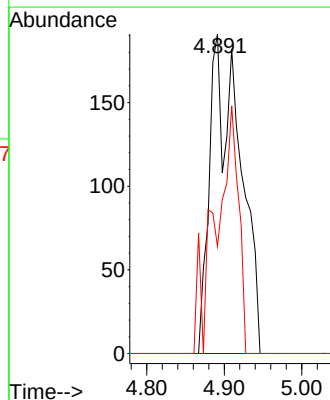
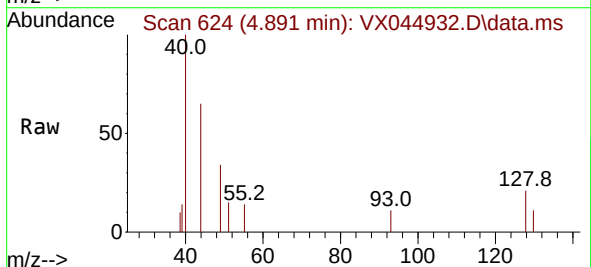
RT: 4.891 min Scan# 624

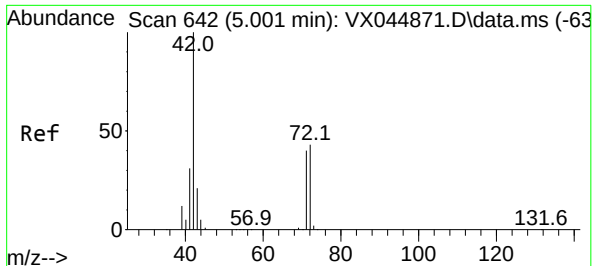
Delta R.T. 0.000 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

Tgt Ion:	49	Resp:	511
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	21.9	56.7	85.1#





#29

Tetrahydrofuran

Concen: 2.491 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX044932.D

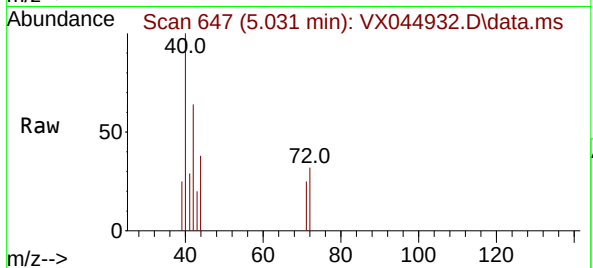
Acq: 12 Feb 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



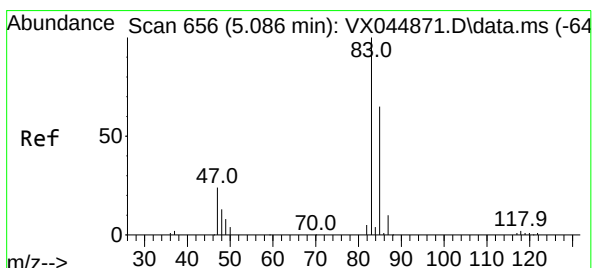
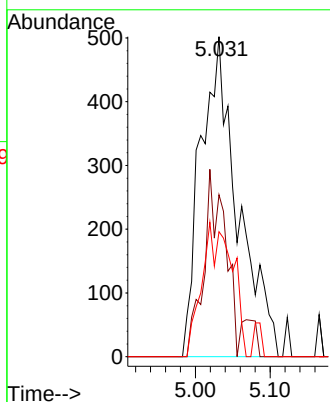
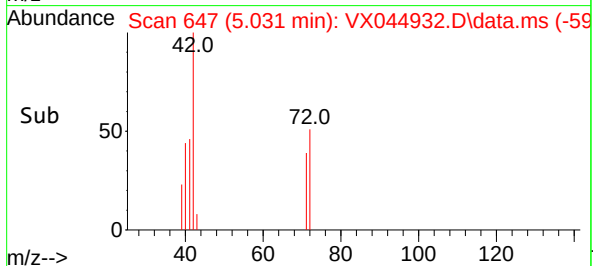
Tgt Ion:	42	Resp:	174
Ion	Ratio	Lower	Upper
42	100		
72	34.9	35.0	52.4
71	15.4	32.6	48.8

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APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 0.459 ug/l

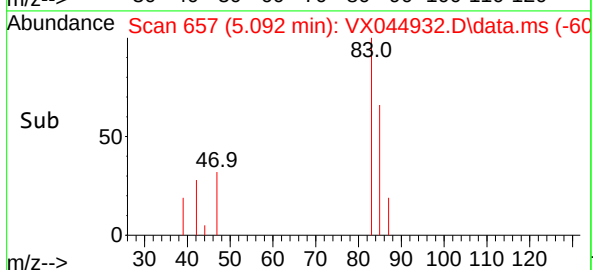
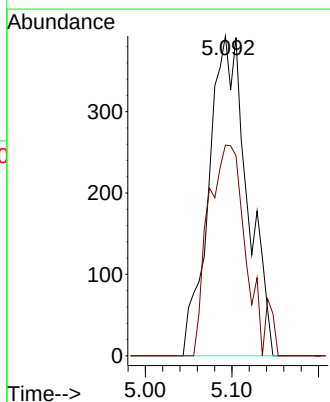
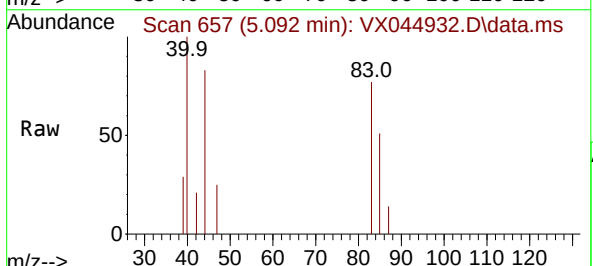
RT: 5.092 min Scan# 657

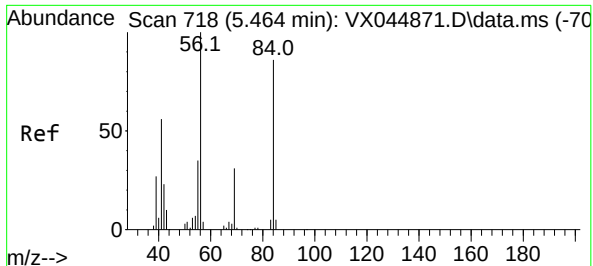
Delta R.T. 0.006 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

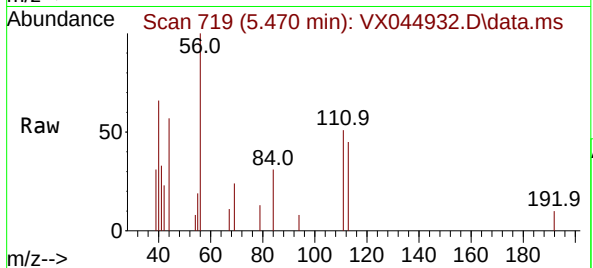
Tgt Ion:	83	Resp:	1209
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.1	78.1





#31
Cyclohexane
Concen: 0.510 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

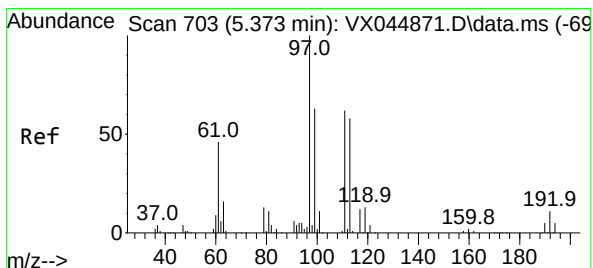
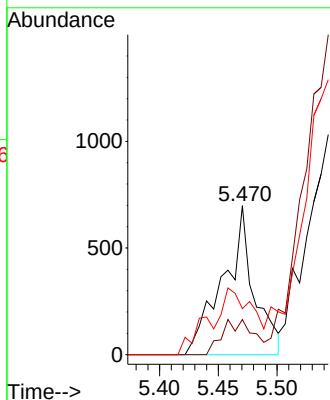
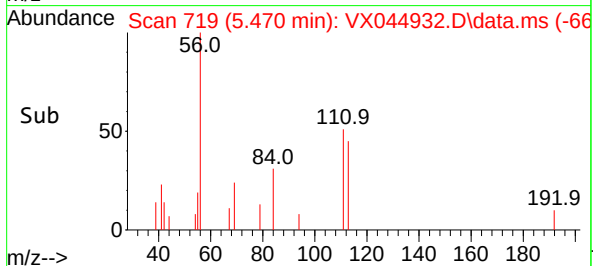
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



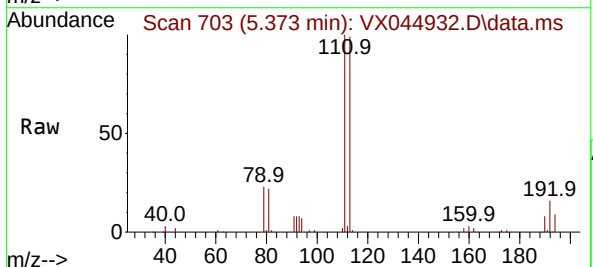
Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
69 23.6 24.4 36.6
84 30.9 69.0 103.6

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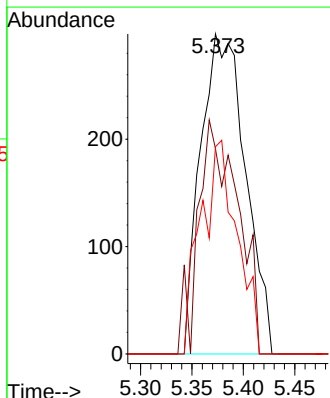
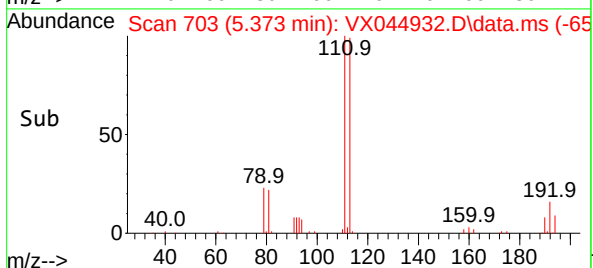
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

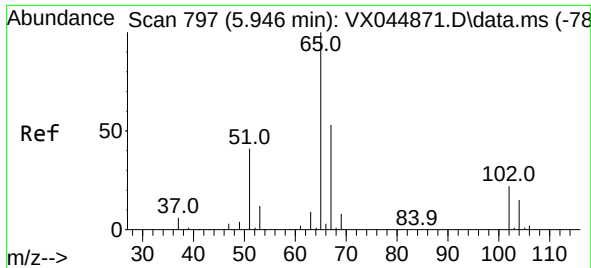


#32
1,1,1-Trichloroethane
Concen: 0.405 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49



Tgt Ion: 97 Resp: 905
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6
61 54.1 36.6 55.0





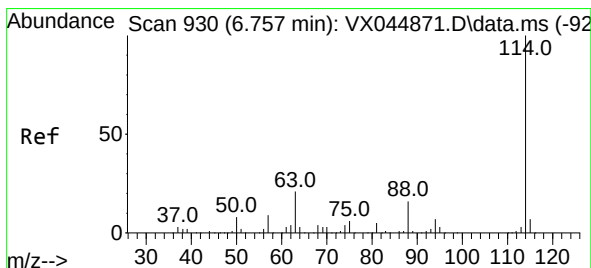
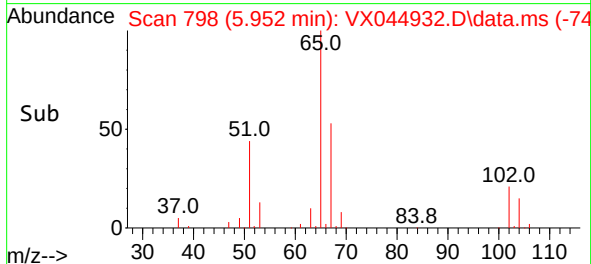
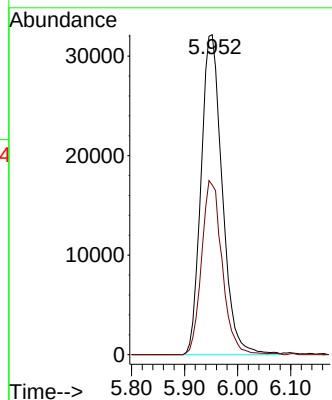
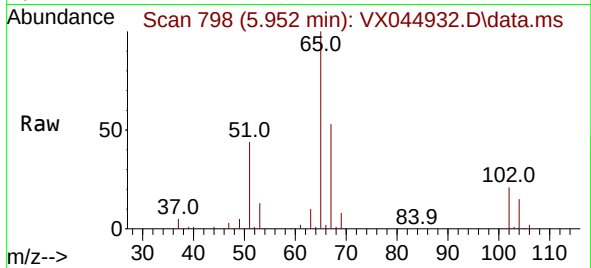
#33
1,2-Dichloroethane-d4
Concen: 55.363 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 65 Resp: 8928
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2

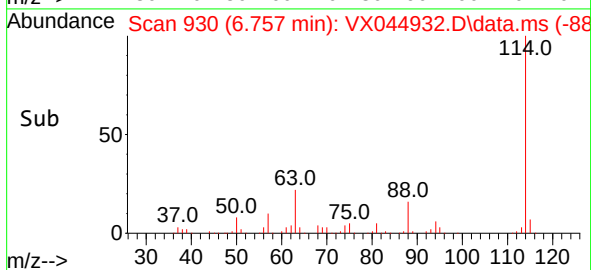
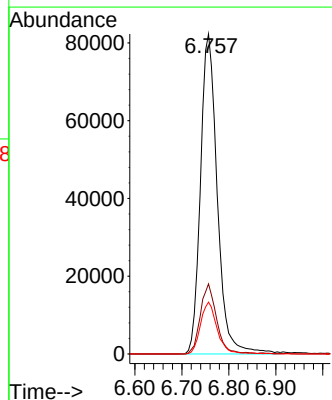
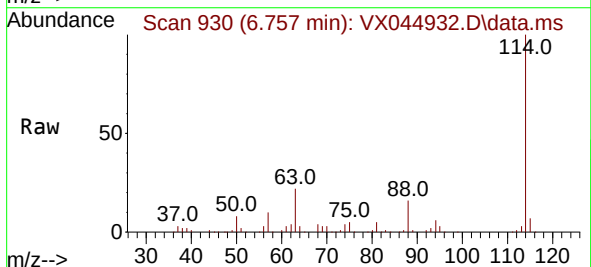
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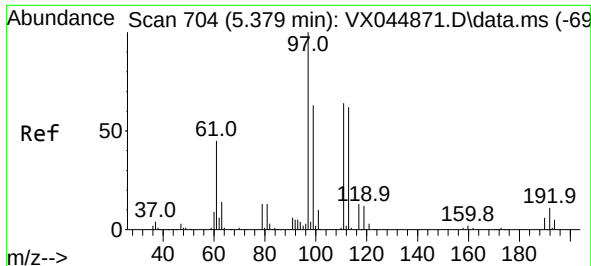
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

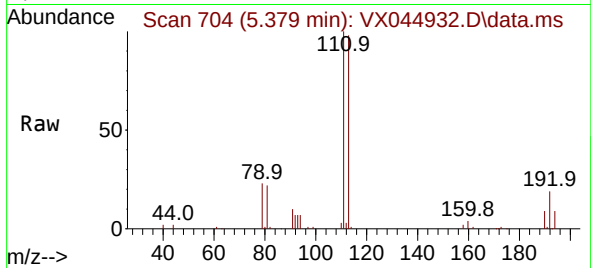
Tgt Ion:114 Resp: 204586
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 16.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.378 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

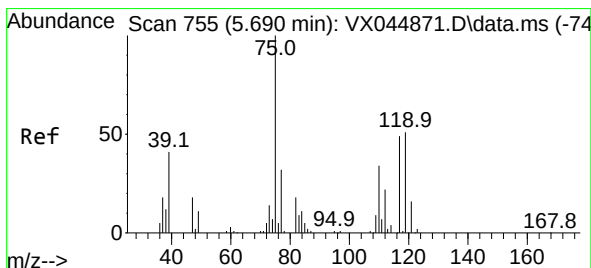
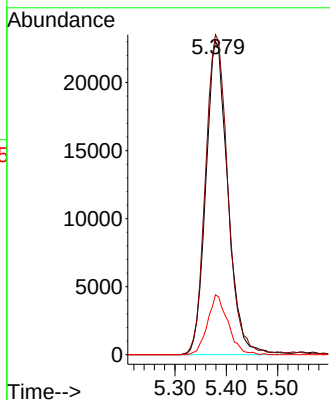
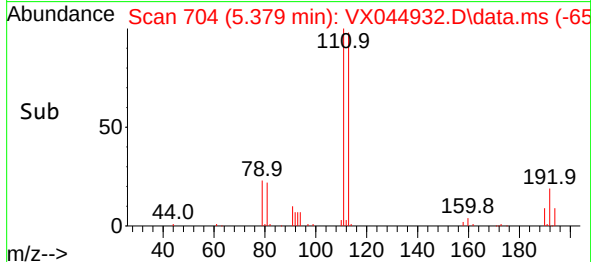
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 113 Resp: 6834
Ion Ratio Lower Upper
113 100
111 103.9 83.5 125.3
192 17.8 14.4 21.6

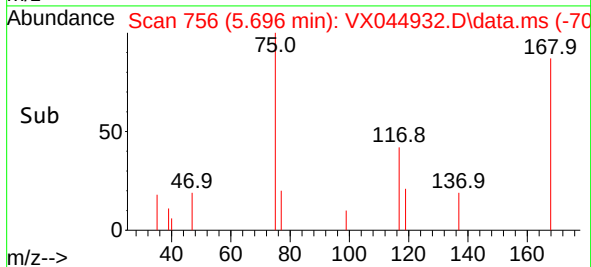
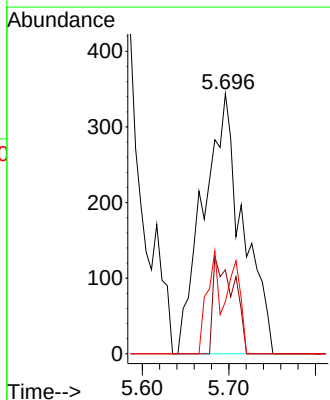
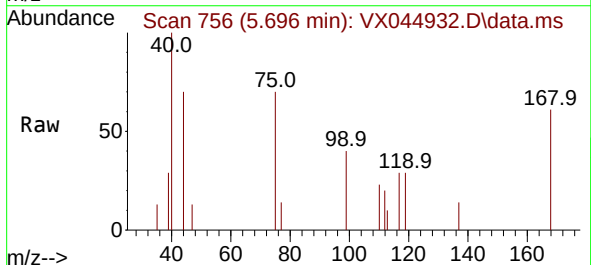
Manual Integrations
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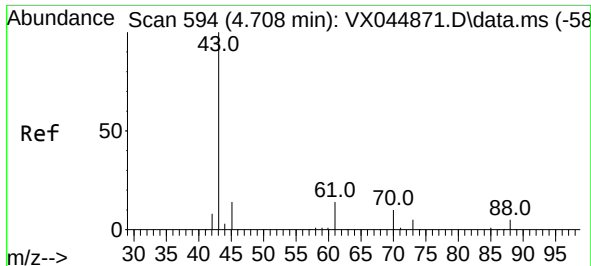
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#36
1,1-Dichloropropene
Concen: 0.565 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 75 Resp: 1085
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.6#
77 10.0 24.6 37.0#





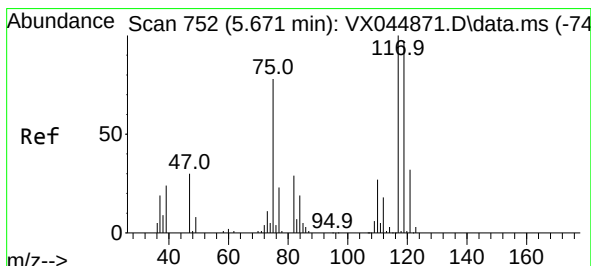
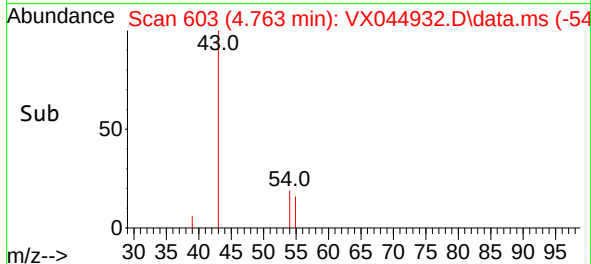
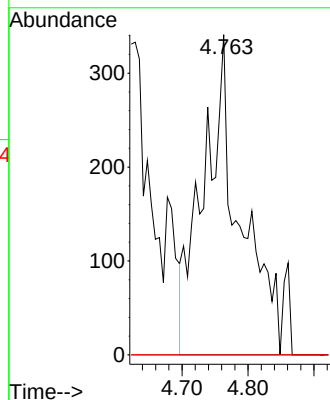
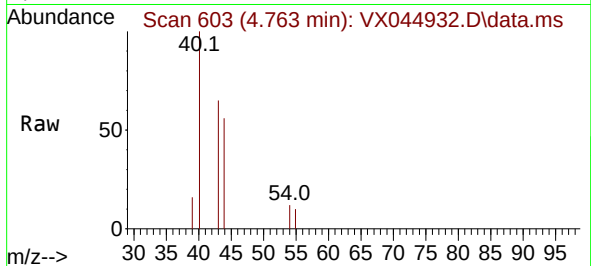
#37
Ethyl Acetate
Concen: 0.612 ug/l m
RT: 4.763 min Scan# 603
Delta R.T. 0.055 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 0.0 8.2 12.2#

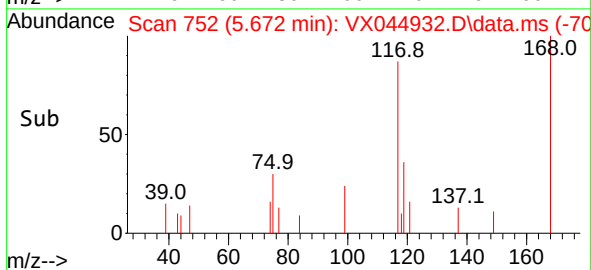
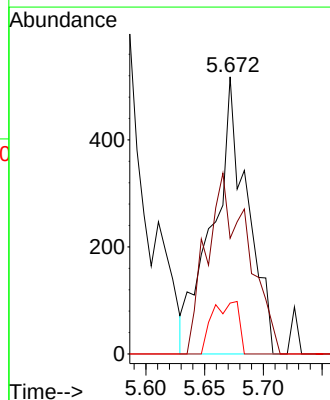
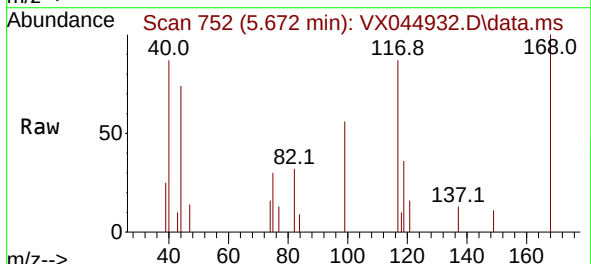
Manual Integrations
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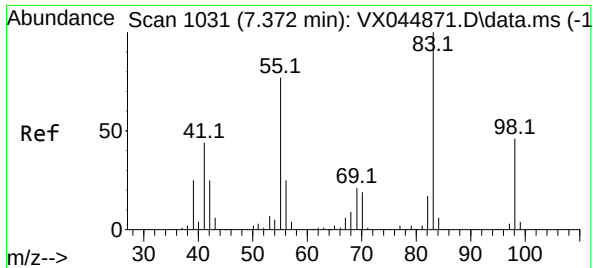
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#38
Carbon Tetrachloride
Concen: 0.558 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

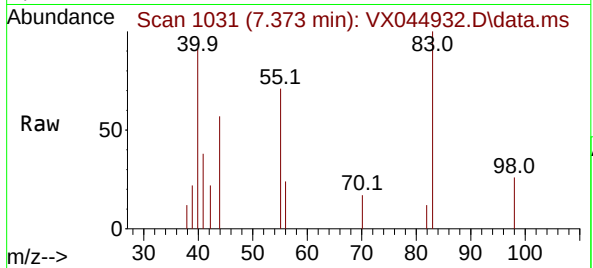
Tgt Ion:117 Resp: 1049
Ion Ratio Lower Upper
117 100
119 41.7 77.5 116.3#
121 18.3 25.6 38.4#





#39
Methylcyclohexane
Concen: 0.457 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

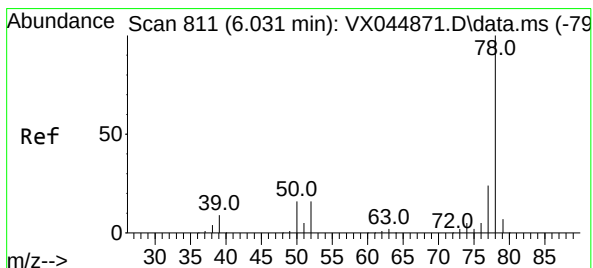
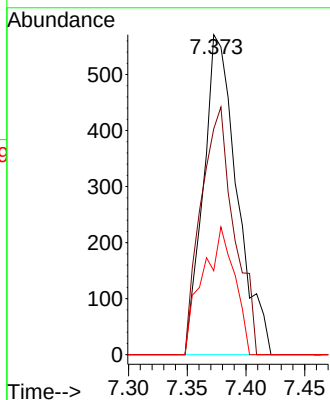
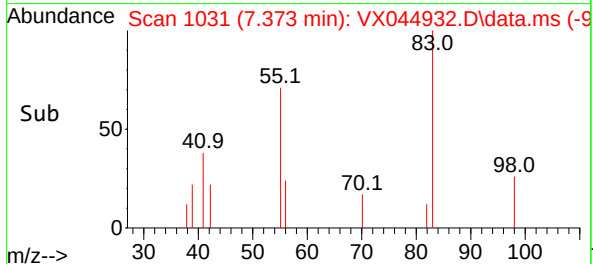
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 83 Resp: 1135
Ion Ratio Lower Upper
83 100
55 70.6 61.3 91.9
98 26.3 37.0 55.6

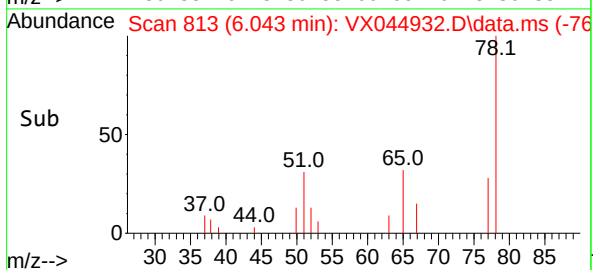
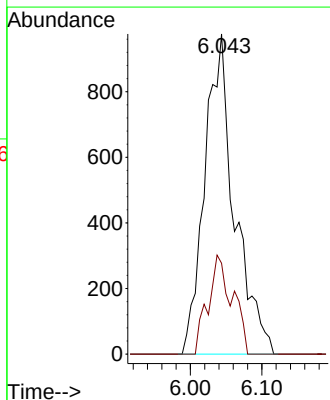
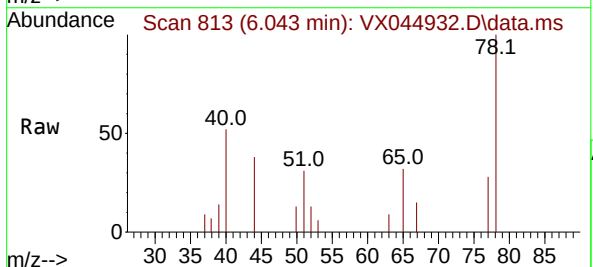
Manual Integrations
APPROVED

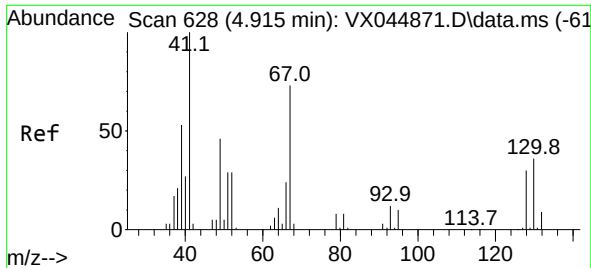
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#40
Benzene
Concen: 0.470 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

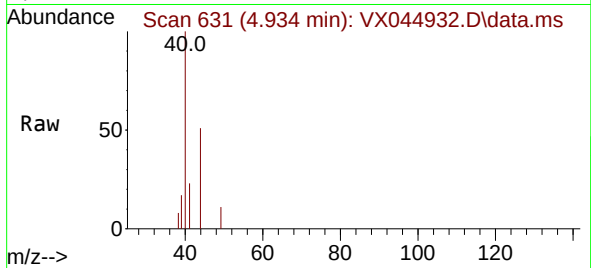
Tgt Ion: 78 Resp: 2814
Ion Ratio Lower Upper
78 100
77 28.4 19.0 28.6





#41
Methacrylonitrile
Concen: 0.376 ug/l m
RT: 4.934 min Scan# 61
Delta R.T. 0.019 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

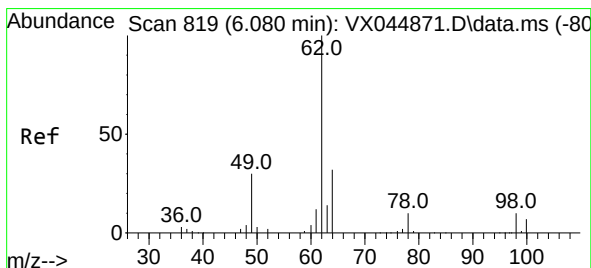
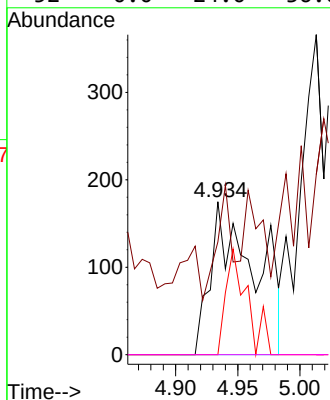
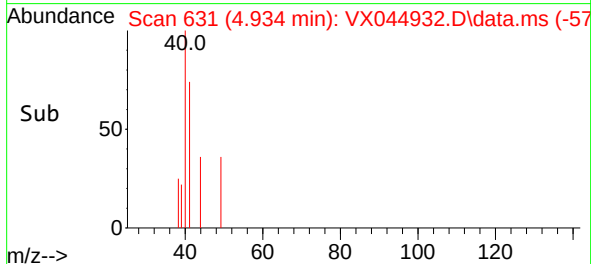
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 41 Resp: 430
Ion Ratio Lower Upper
41 100
39 23.5 43.1 64.7
67 33.5 57.0 85.6
52 0.0 24.0 36.0

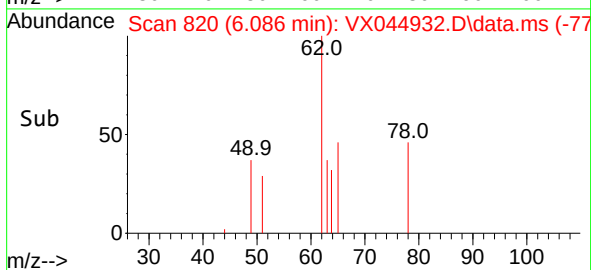
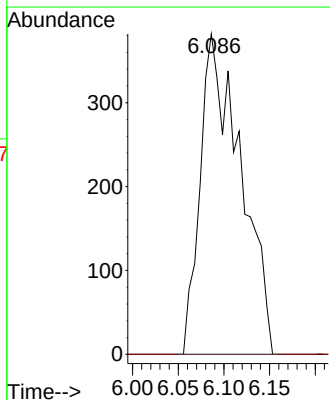
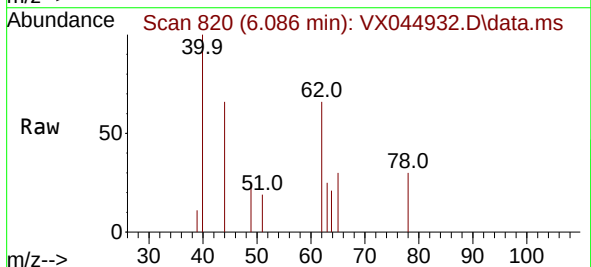
Manual Integrations
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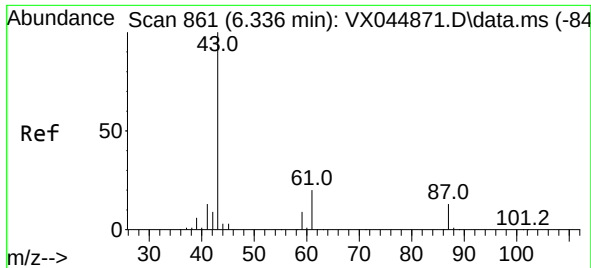
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#42
1,2-Dichloroethane
Concen: 0.613 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

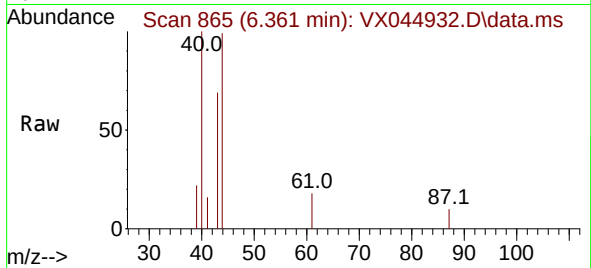
Tgt Ion: 62 Resp: 1171
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 0.386 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.025 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

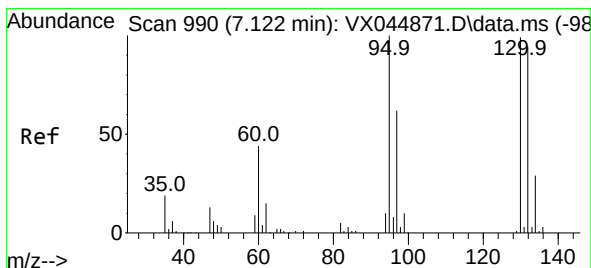
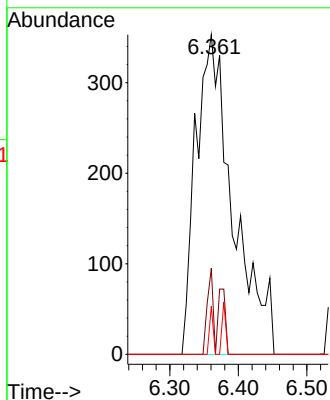
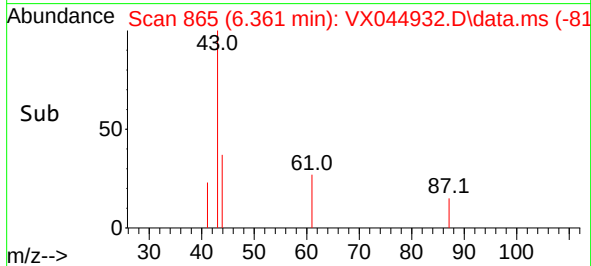
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
61 4.1 15.8 23.8
87 1.4 10.0 15.0

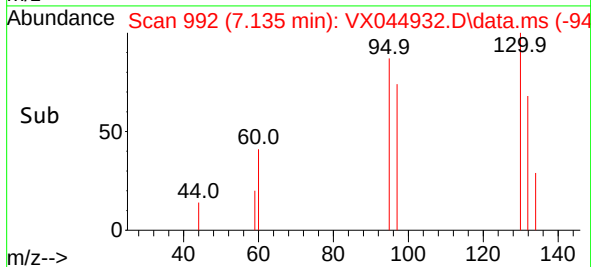
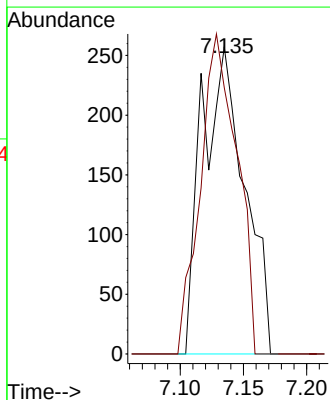
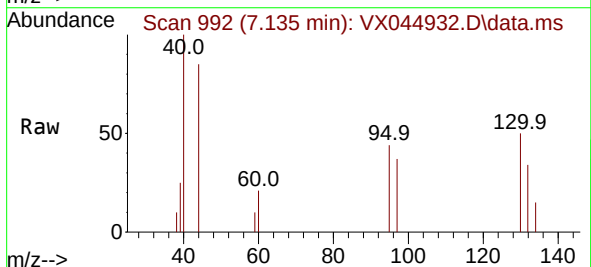
Manual Integrations
APPROVED

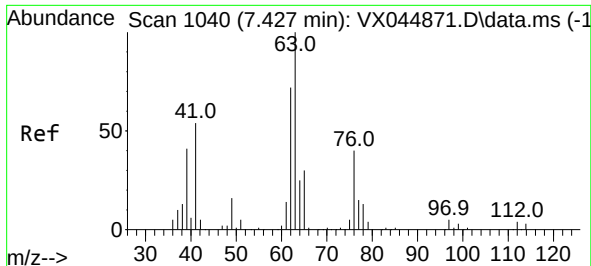
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#44
Trichloroethene
Concen: 0.442 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

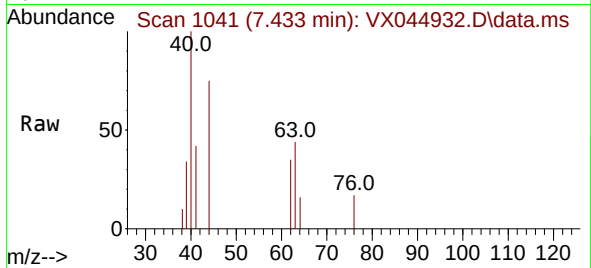
Tgt Ion:130 Resp: 605
Ion Ratio Lower Upper
130 100
95 86.8 0.0 202.4





#45
1,2-Dichloropropane
Concen: 0.439 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

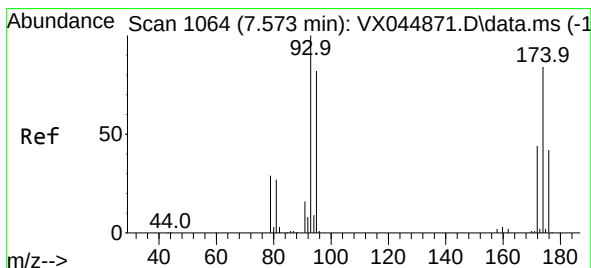
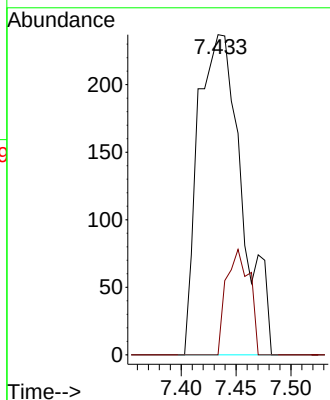
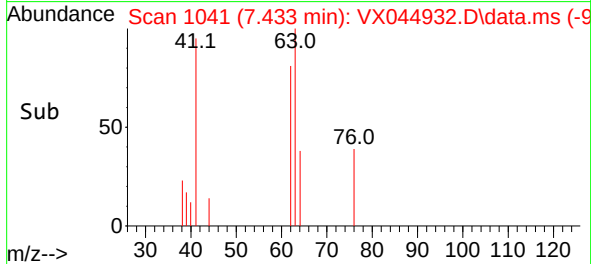
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 63 Resp: 654
Ion Ratio Lower Upper
63 100
65 0.0 24.2 36.4

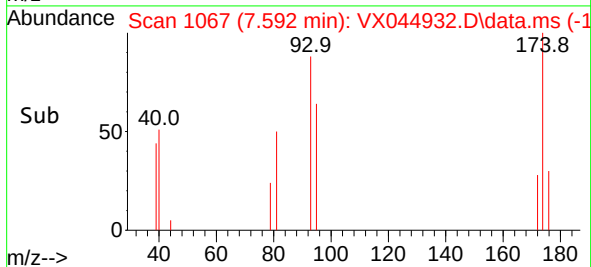
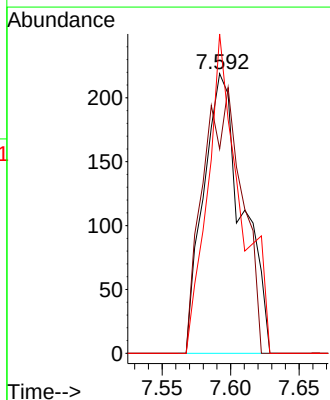
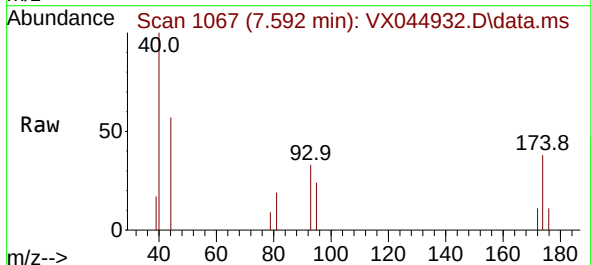
Manual Integrations
APPROVED

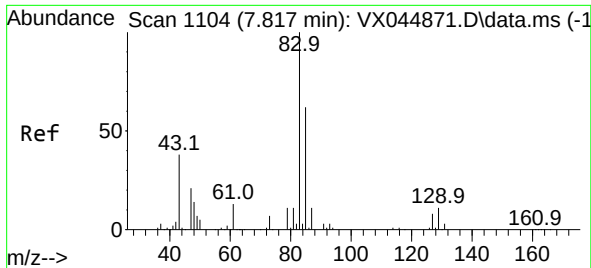
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#46
Dibromomethane
Concen: 0.419 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.019 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

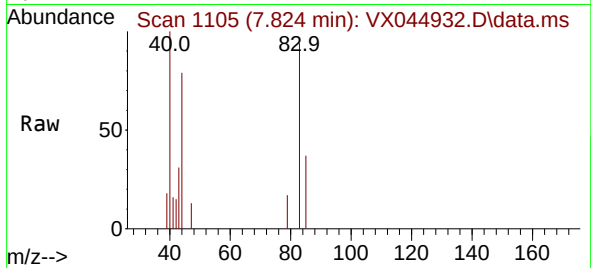
Tgt Ion: 93 Resp: 433
Ion Ratio Lower Upper
93 100
95 96.5 66.2 99.4
174 95.4 69.9 104.9





#47
Bromodichloromethane
Concen: 0.423 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

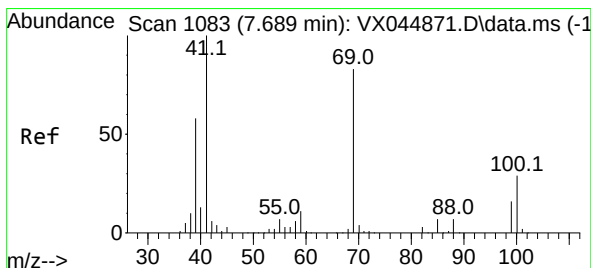
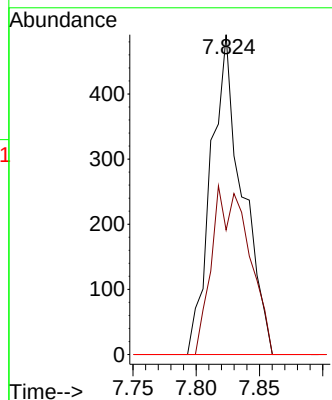
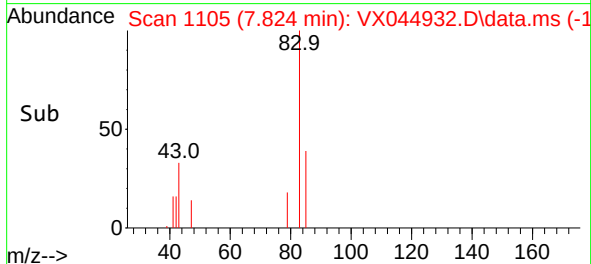
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



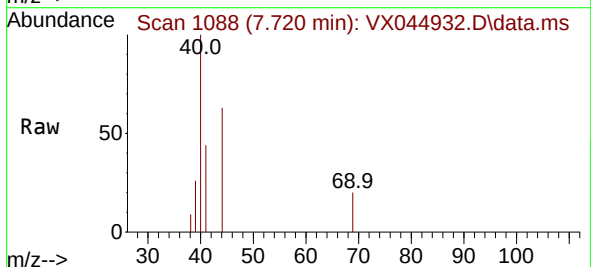
Tgt Ion: 83 Resp: 84
Ion Ratio Lower Upper
83 100
85 38.9 50.0 75.0
127 0.0 6.4 9.6

Manual Integrations
APPROVED

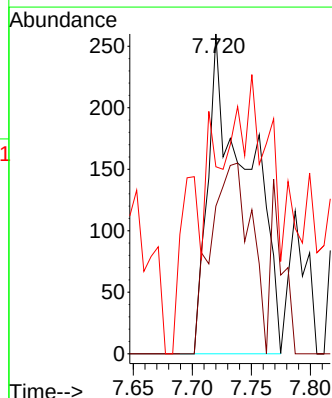
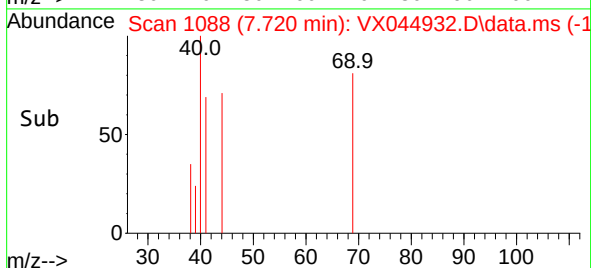
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

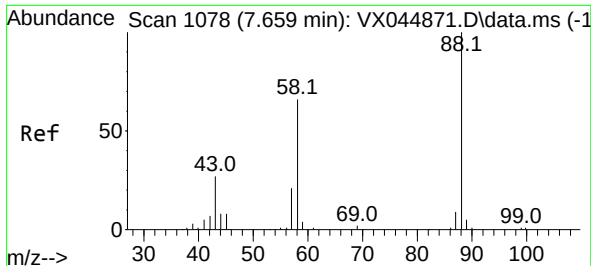


#48
Methyl methacrylate
Concen: 0.372 ug/l m
RT: 7.720 min Scan# 1088
Delta R.T. 0.031 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49



Tgt Ion: 41 Resp: 605
Ion Ratio Lower Upper
41 100
69 0.0 65.8 98.8#
39 16.4 46.4 69.6#





#49

1,4-Dioxane

Concen: 9.091 ug/l

RT: 7.690 min Scan# 1078

Delta R.T. 0.031 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

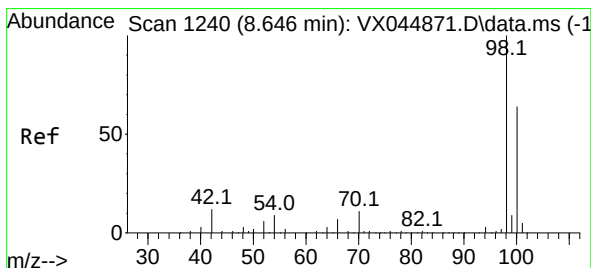
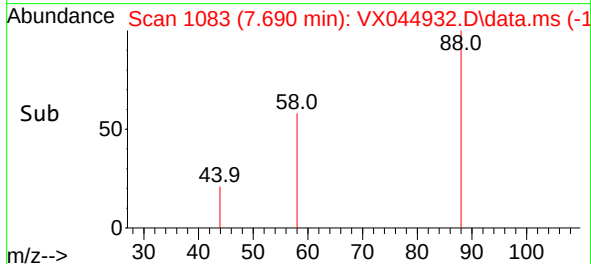
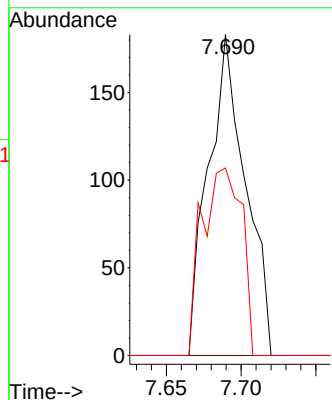
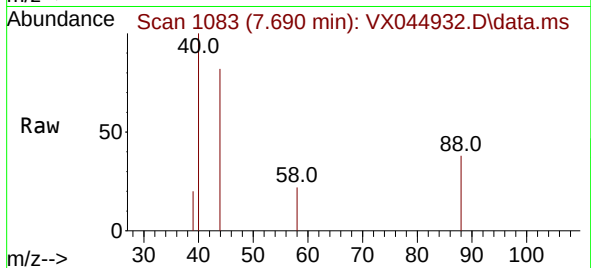
Tgt Ion: 88	Resp: 31
Ion Ratio	Lower Upper
88 100	
43 0.0	26.6 39.8
58 62.5	55.9 83.9

Manual Integrations

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Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#50

Toluene-d8

Concen: 51.005 ug/l

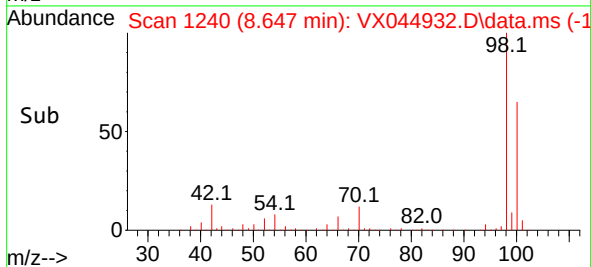
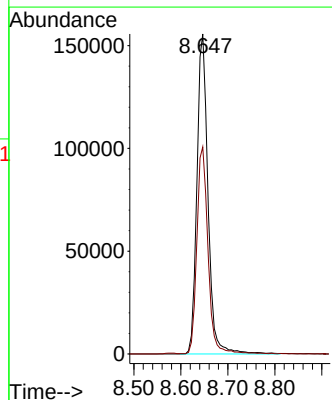
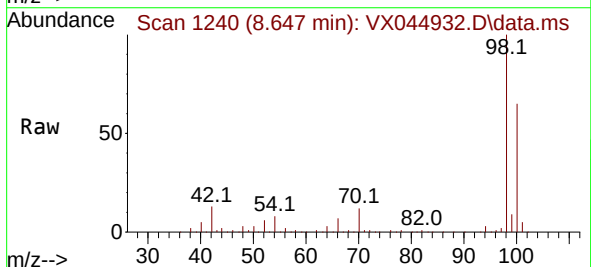
RT: 8.647 min Scan# 1240

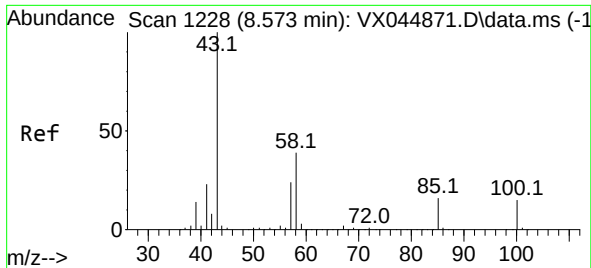
Delta R.T. 0.000 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

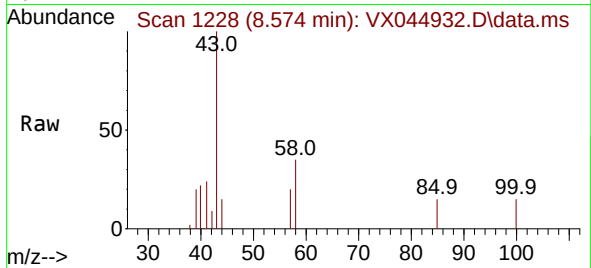
Tgt Ion: 98	Resp: 256546
Ion Ratio	Lower Upper
98 100	
100 64.8	52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 2.169 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

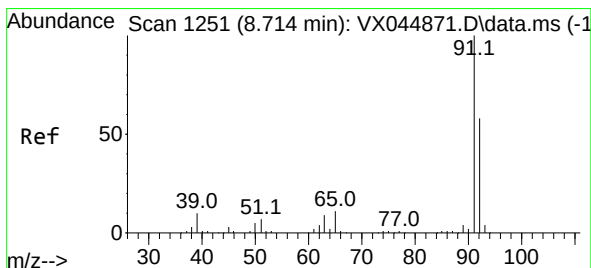
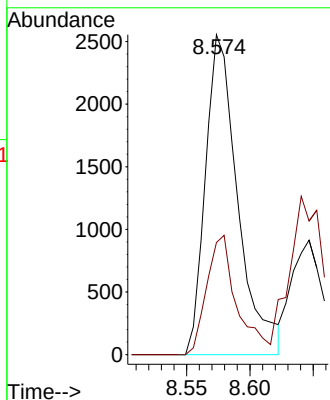
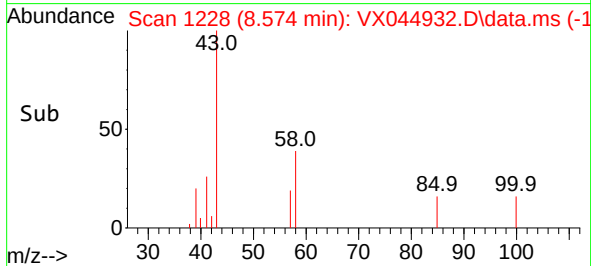
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



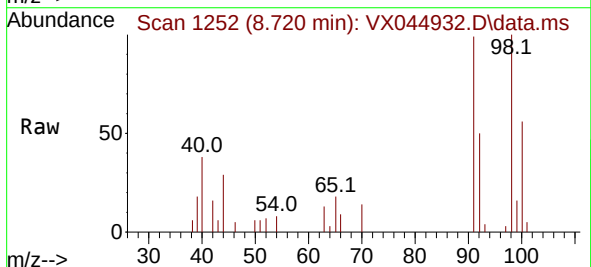
Tgt Ion: 43 Resp: 4540
Ion Ratio Lower Upper
43 100
58 34.7 30.8 46.2

Manual Integrations
APPROVED

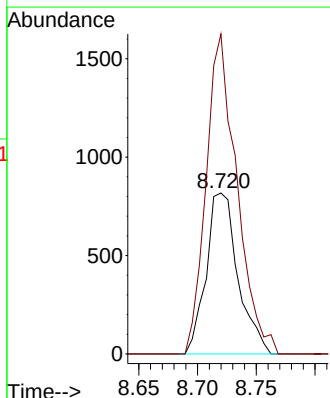
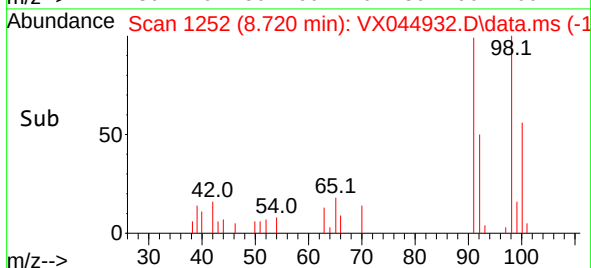
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

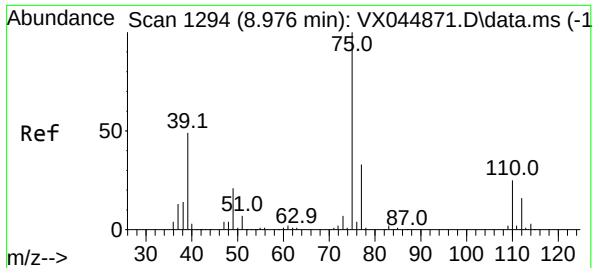


#52
Toluene
Concen: 0.431 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49



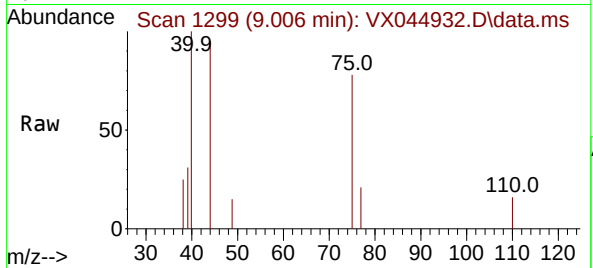
Tgt Ion: 92 Resp: 1537
Ion Ratio Lower Upper
92 100
91 192.6 137.4 206.2





#53
 t-1,3-Dichloropropene
 Concen: 0.347 ug/l m
 RT: 9.006 min Scan# 1195
 Delta R.T. 0.031 min
 Lab File: VX044932.D
 Acq: 12 Feb 2025 14:49

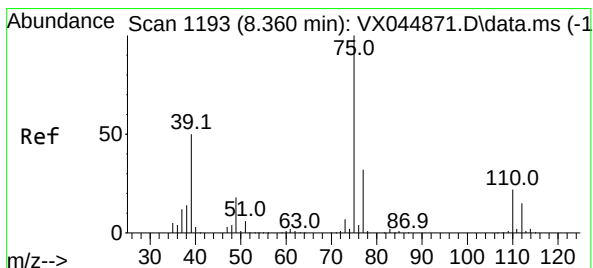
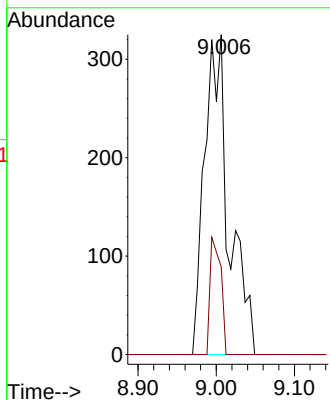
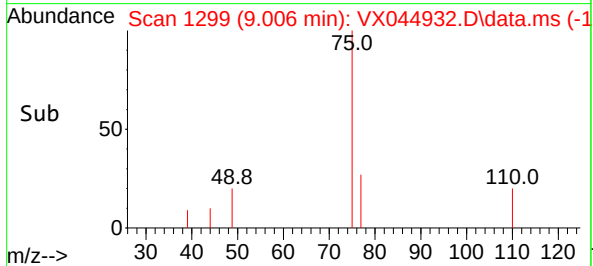
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 75 Resp: 70
 Ion Ratio Lower Upper
 75 100
 77 27.4 26.0 39.0

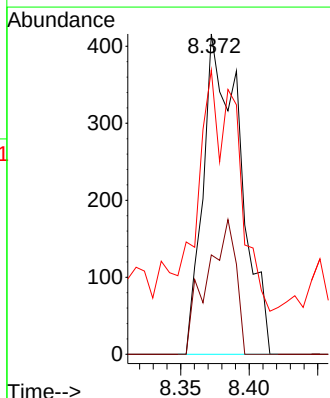
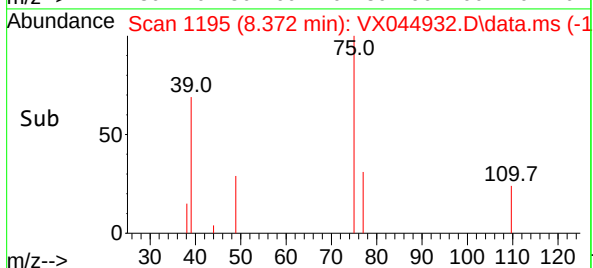
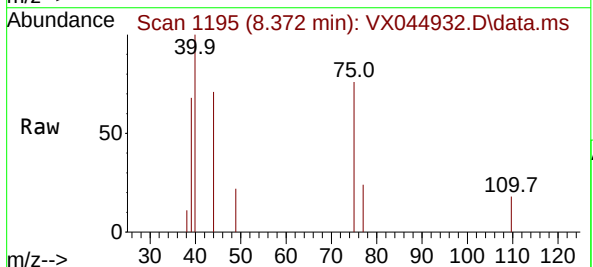
Manual Integrations
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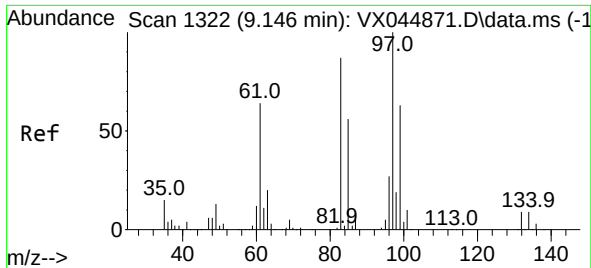
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#54
 cis-1,3-Dichloropropene
 Concen: 0.346 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.012 min
 Lab File: VX044932.D
 Acq: 12 Feb 2025 14:49

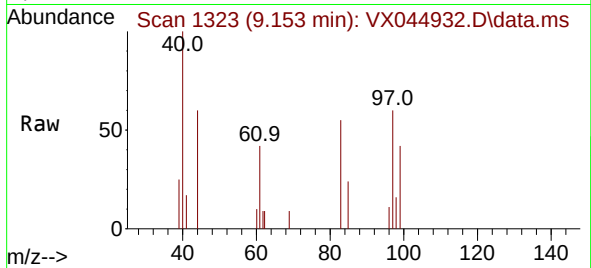
Tgt Ion: 75 Resp: 781
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 74.0 40.0 60.0#





#55
1,1,2-Trichloroethane
Concen: 0.386 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

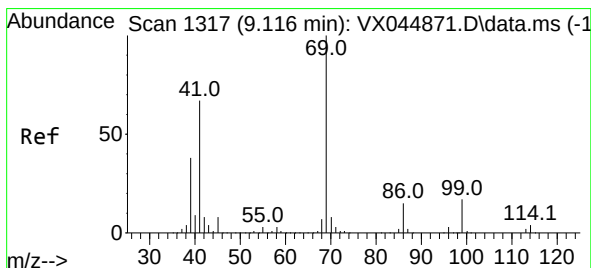
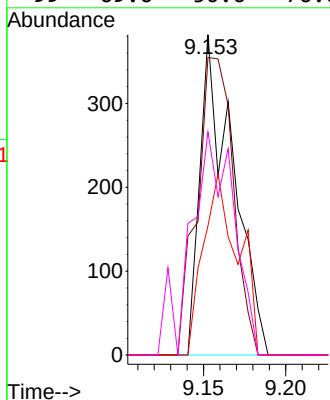
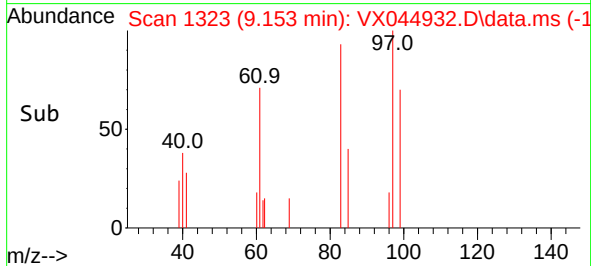
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



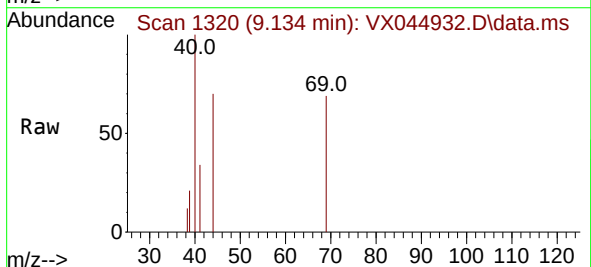
Tgt Ion: 97 Resp: 529
Ion Ratio Lower Upper
97 100
83 92.9 69.8 104.6
85 40.3 44.8 67.2
99 69.6 50.6 76.0

Manual Integrations
APPROVED

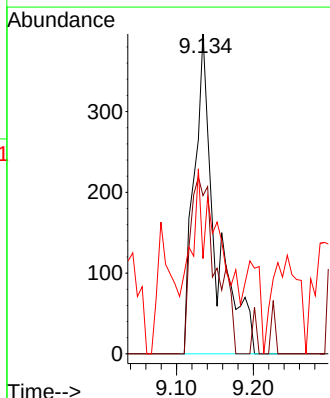
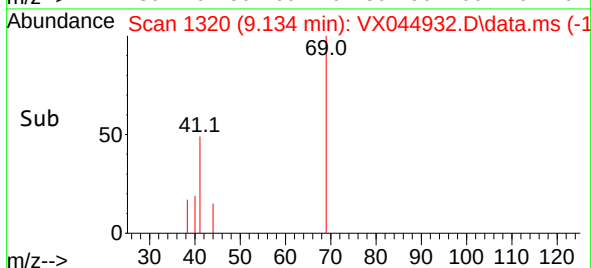
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

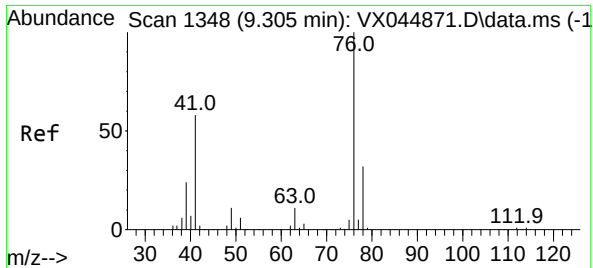


#56
Ethyl methacrylate
Concen: 0.349 ug/l m
RT: 9.134 min Scan# 1320
Delta R.T. 0.019 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49



Tgt Ion: 69 Resp: 774
Ion Ratio Lower Upper
69 100
41 66.8 55.2 82.8
39 17.2 30.8 46.2





#57

1,3-Dichloropropane

Concen: 0.497 ug/l

RT: 9.311 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

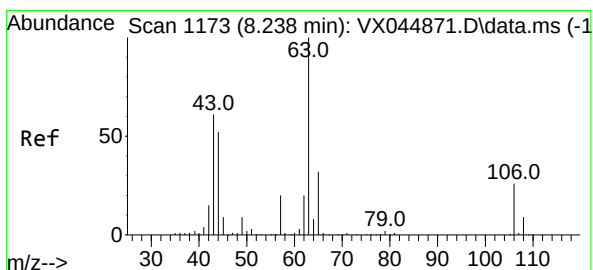
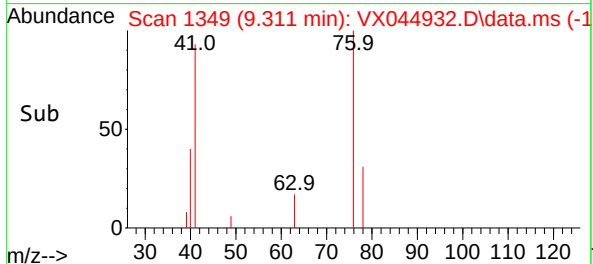
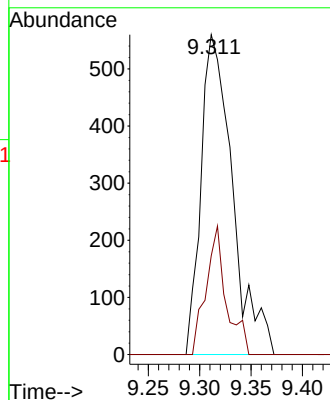
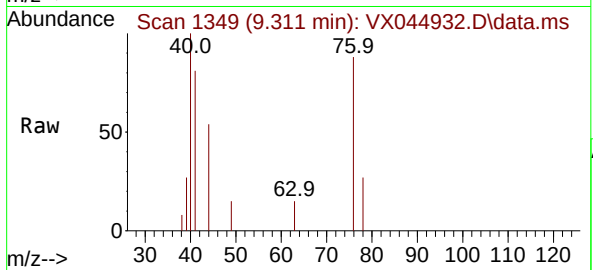
Tgt Ion: 76 Resp: 1194
 Ion Ratio Lower Upper
 76 100
 78 25.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 1.740 ug/l

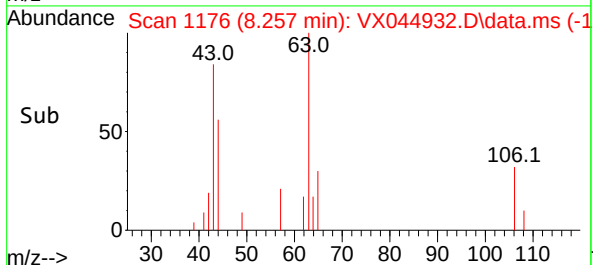
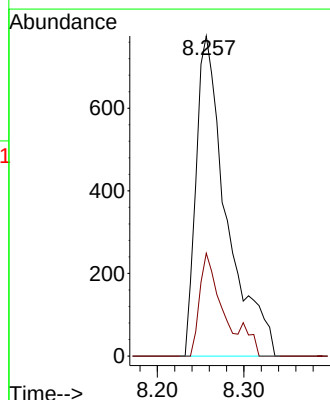
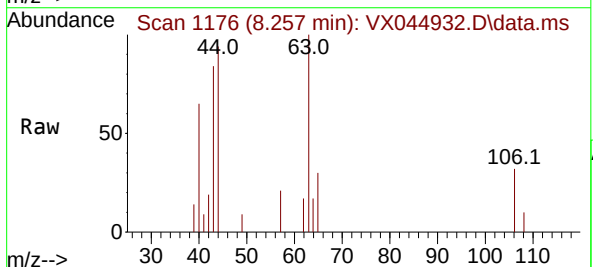
RT: 8.257 min Scan# 1176

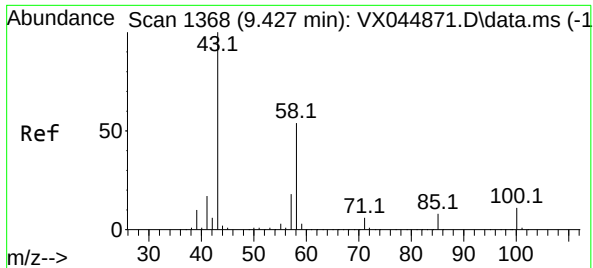
Delta R.T. 0.019 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

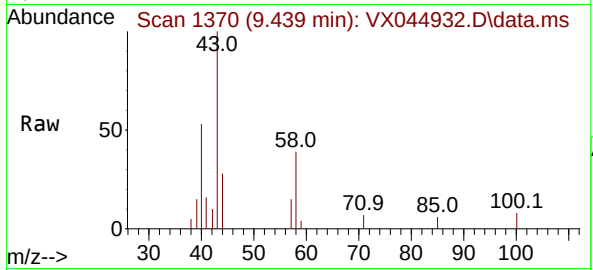
Tgt Ion: 63 Resp: 1893
 Ion Ratio Lower Upper
 63 100
 106 22.2 21.3 31.9





#59
2-Hexanone
Concen: 1.943 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

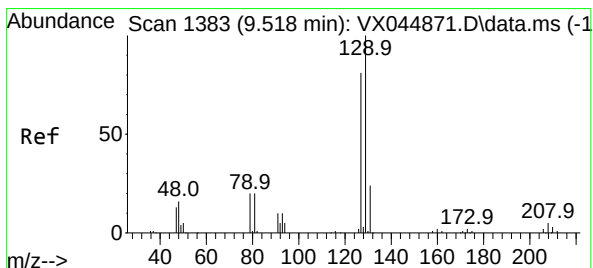
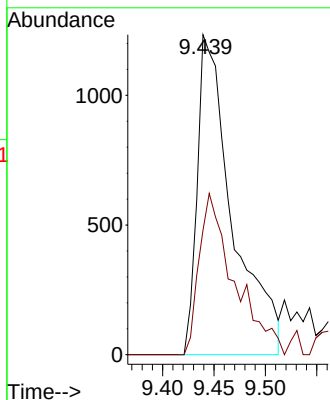
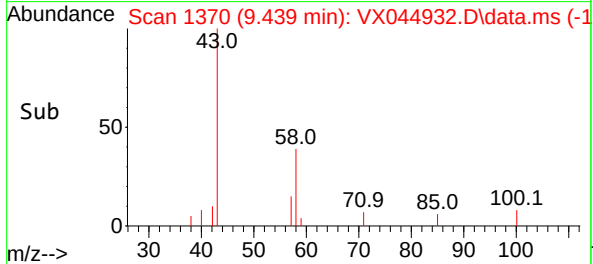
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 293
Ion Ratio Lower Upper
43 100
58 50.3 27.5 82.4

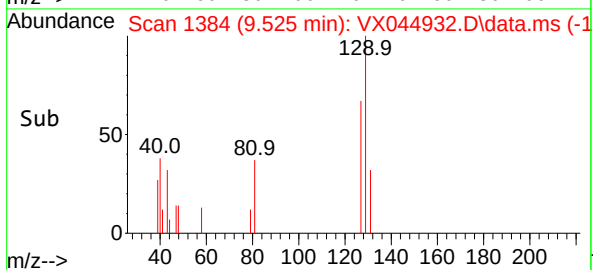
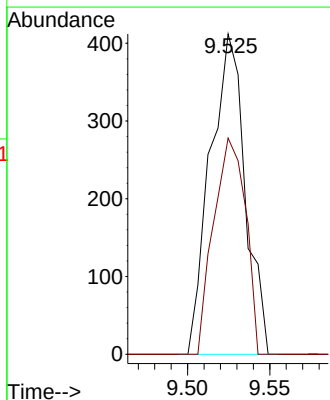
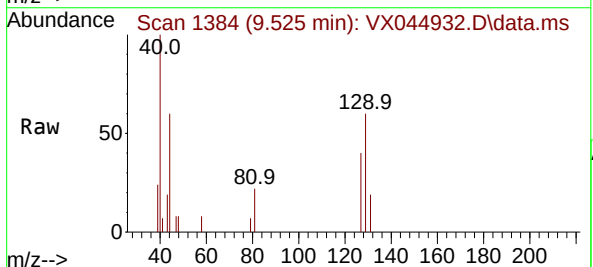
Manual Integrations
APPROVED

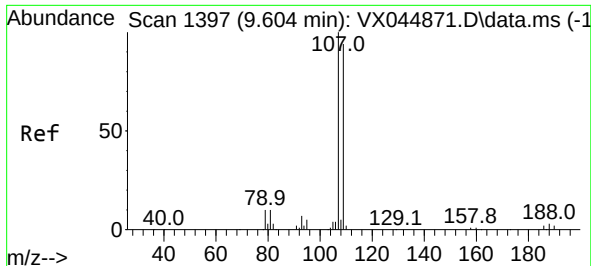
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#60
Dibromochloromethane
Concen: 0.414 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion:129 Resp: 608
Ion Ratio Lower Upper
129 100
127 61.7 39.1 117.3





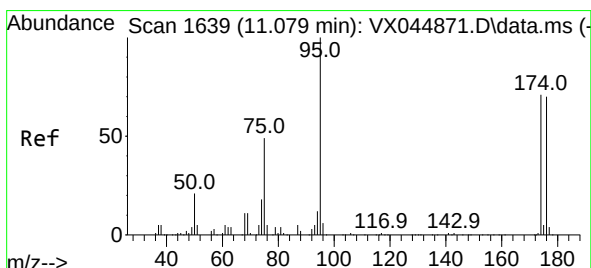
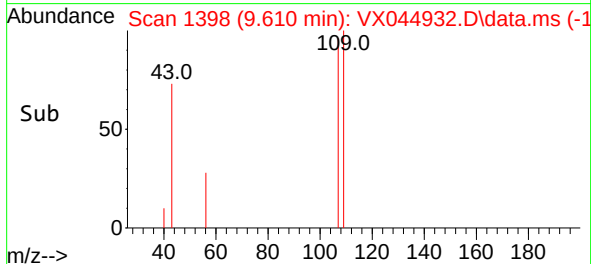
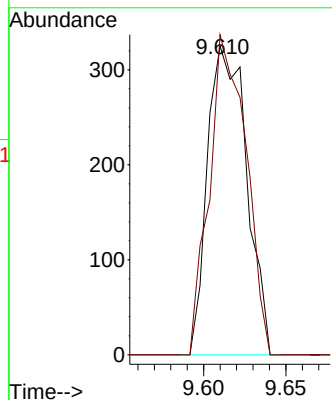
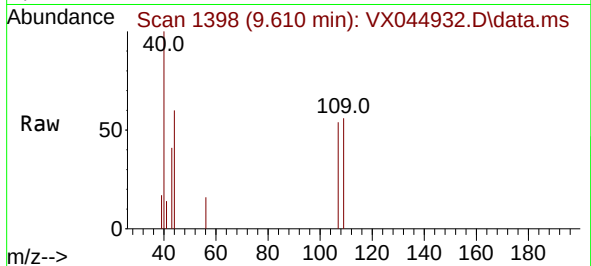
#61
1,2-Dibromoethane
Concen: 0.387 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion:107 Resp: 538
Ion Ratio Lower Upper
107 100
109 97.2 75.9 113.9

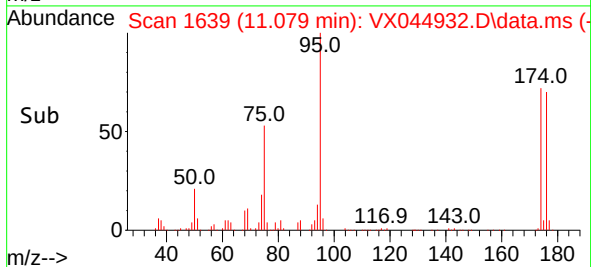
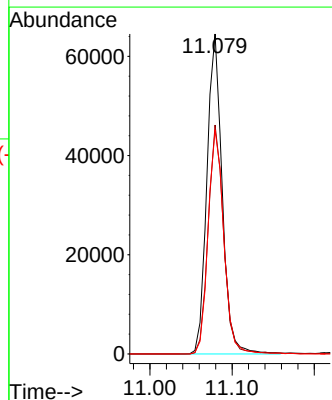
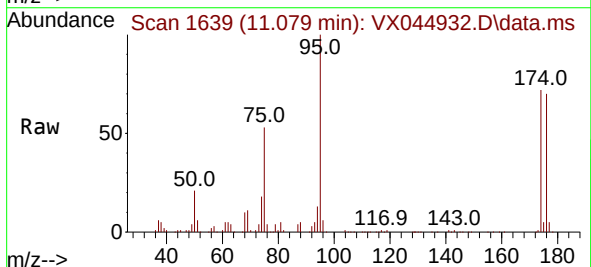
Manual Integrations
APPROVED

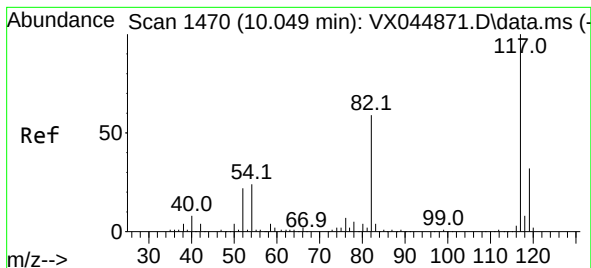
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#62
4-Bromofluorobenzene
Concen: 49.083 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

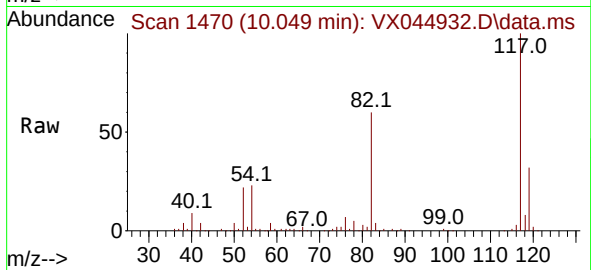
Tgt Ion: 95 Resp: 83228
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 72.0 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

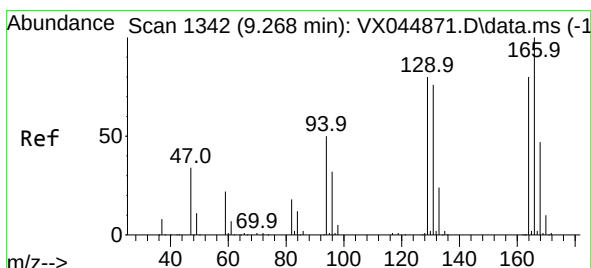
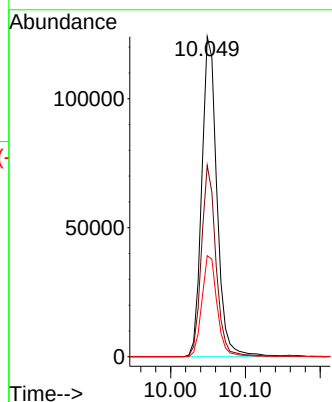
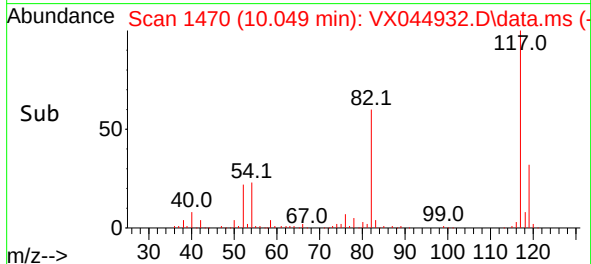
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:117 Resp: 17534
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.6 25.4 38.0

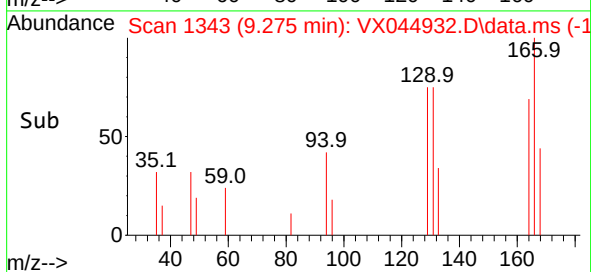
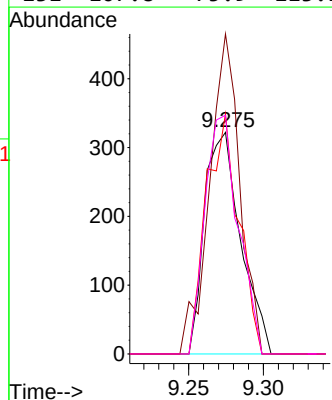
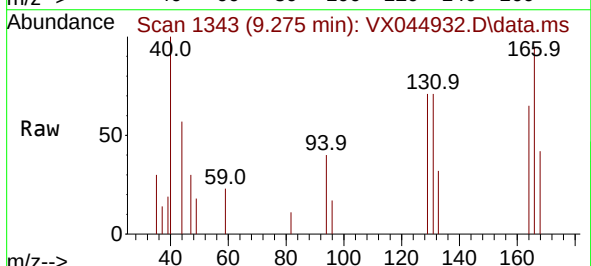
Manual Integrations
APPROVED

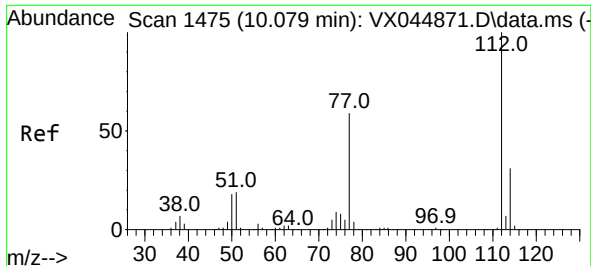
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#64
Tetrachloroethene
Concen: 0.489 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

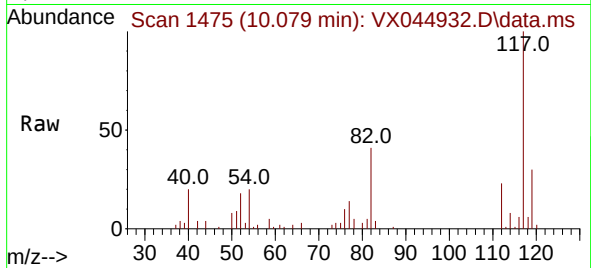
Tgt Ion:164 Resp: 541
Ion Ratio Lower Upper
164 100
166 144.4 100.4 150.6
129 108.4 79.9 119.9
131 107.8 75.9 113.9





#65
Chlorobenzene
Concen: 0.509 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

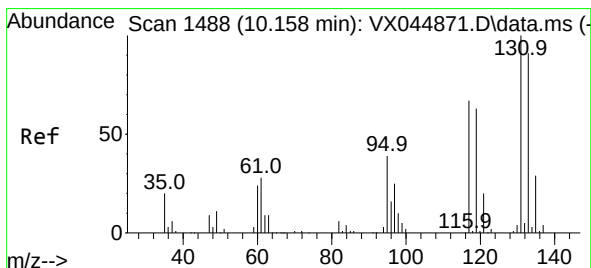
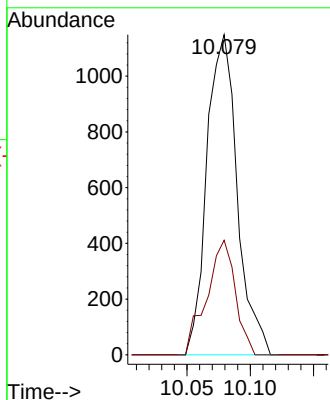
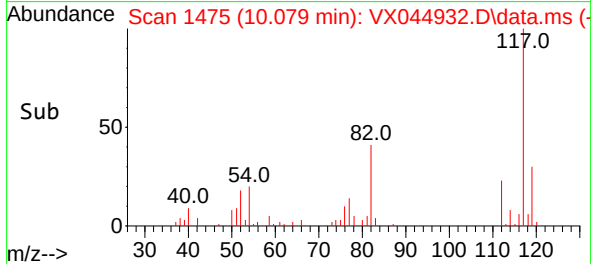
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



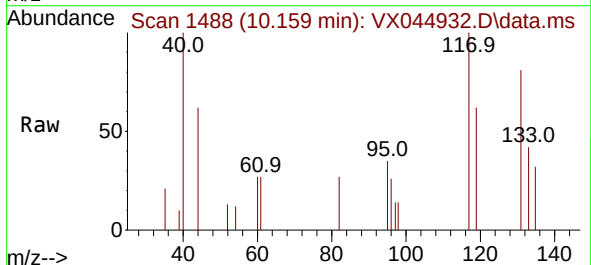
Tgt Ion:112 Resp: 1910
Ion Ratio Lower Upper
112 100
114 35.8 25.0 37.6

Manual Integrations
APPROVED

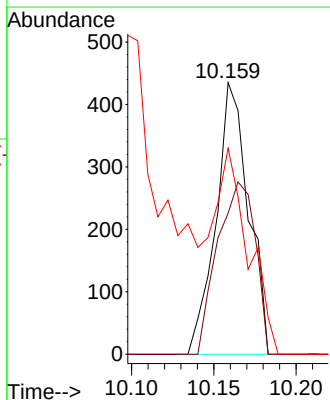
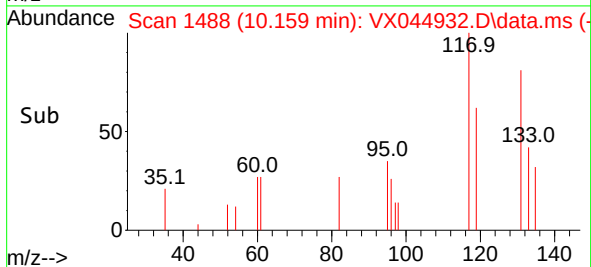
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

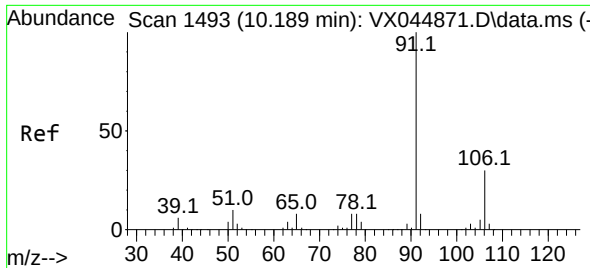


#66
1,1,1,2-Tetrachloroethane
Concen: 0.493 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49



Tgt Ion:131 Resp: 598
Ion Ratio Lower Upper
131 100
133 73.6 47.1 141.3
119 0.0 33.6 100.6#





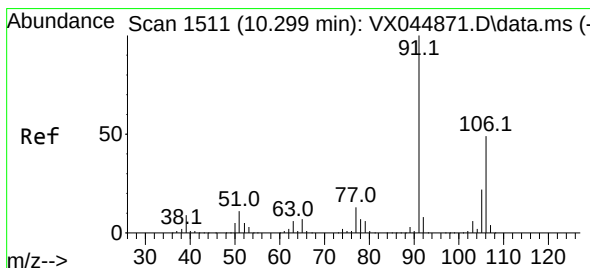
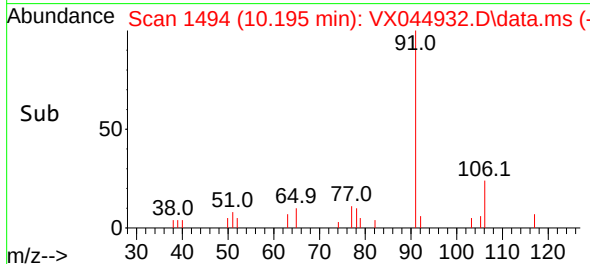
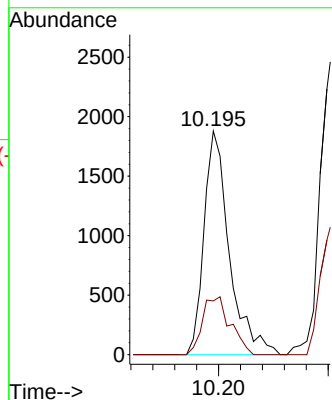
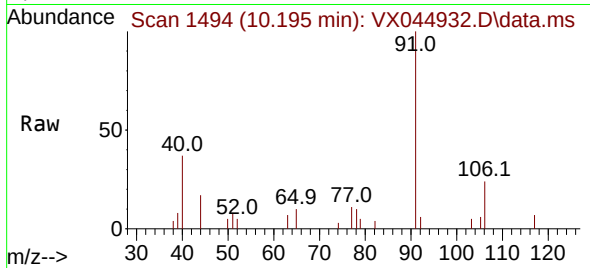
#67
Ethyl Benzene
Concen: 0.454 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 91 Resp: 3010
Ion Ratio Lower Upper
91 100
106 24.1 23.9 35.9

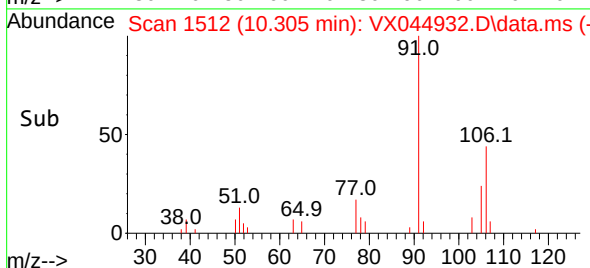
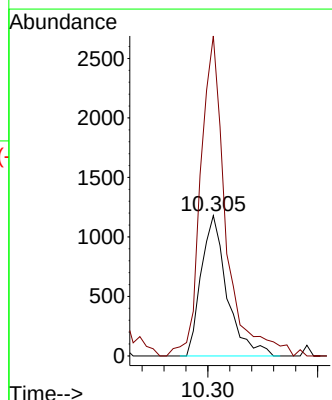
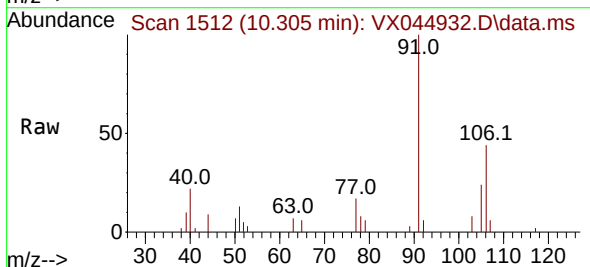
Manual Integrations
APPROVED

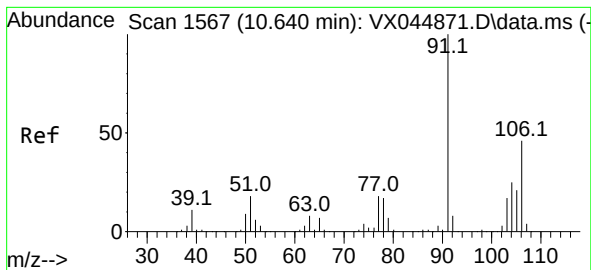
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#68
m/p-Xylenes
Concen: 0.788 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion:106 Resp: 1933
Ion Ratio Lower Upper
106 100
91 221.7 164.3 246.5





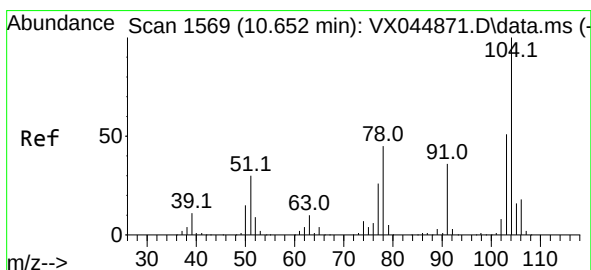
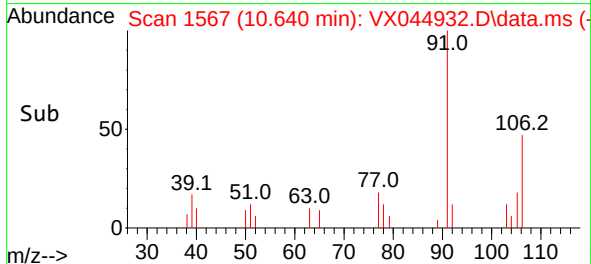
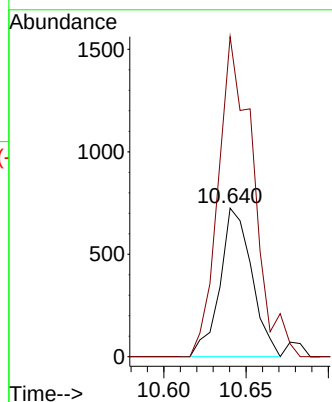
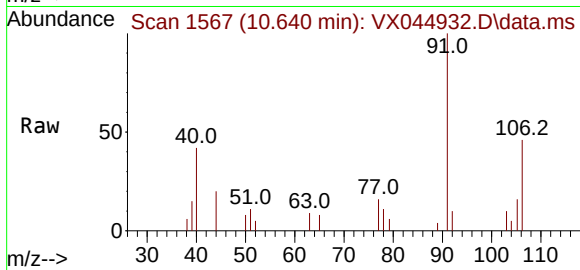
#69
o-Xylene
Concen: 0.396 ug/l
RT: 10.640 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:106 Resp: 979
Ion Ratio Lower Upper
106 100
91 236.8 108.5 325.5

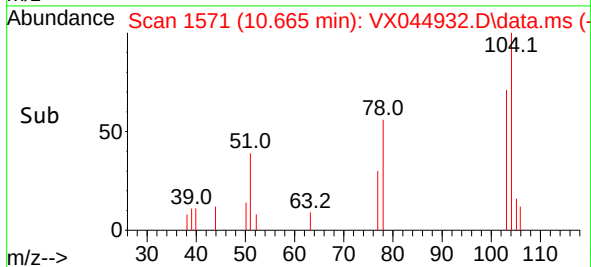
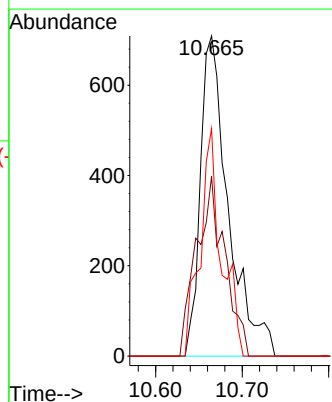
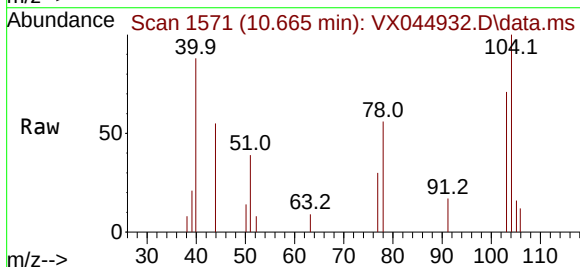
Manual Integrations
APPROVED

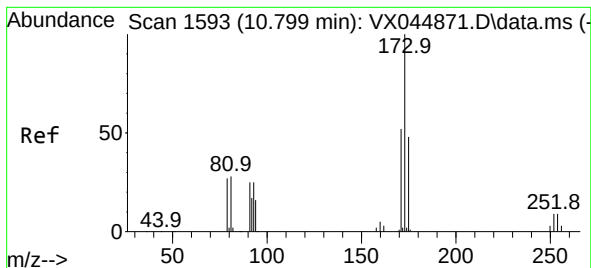
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#70
Styrene
Concen: 0.402 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion:104 Resp: 1593
Ion Ratio Lower Upper
104 100
78 56.6 40.5 60.7
103 53.9 43.6 65.4





#71

Bromoform

Concen: 0.548 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

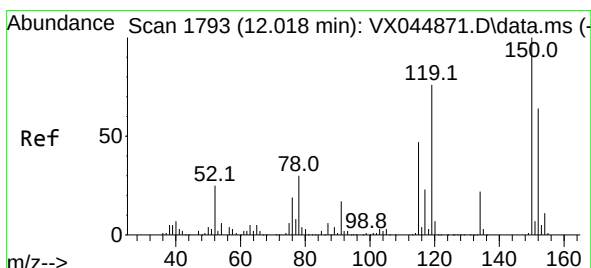
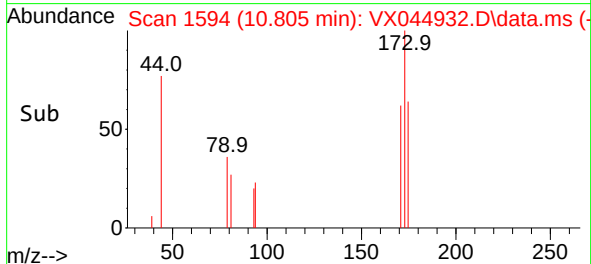
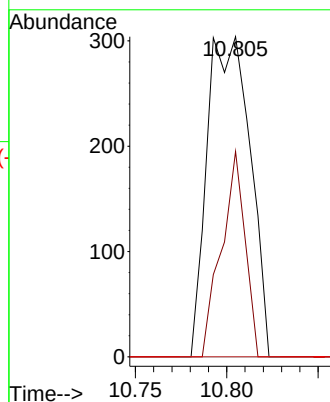
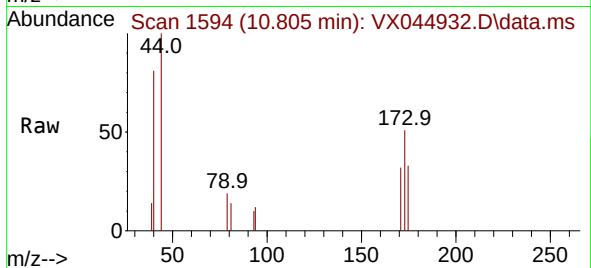
Tgt Ion:	173	Resp:	490
Ion Ratio	Lower	Upper	
173	100		
175	35.5	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

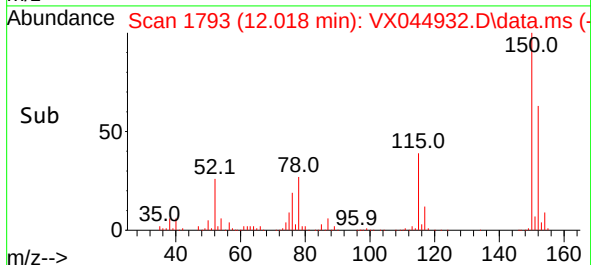
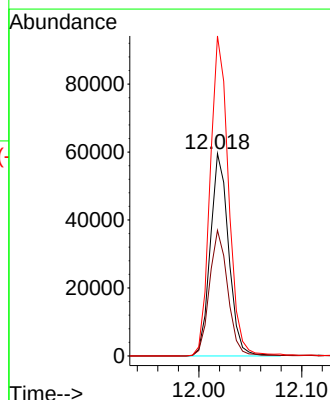
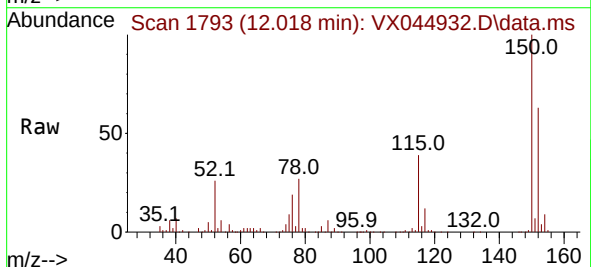
RT: 12.018 min Scan# 1793

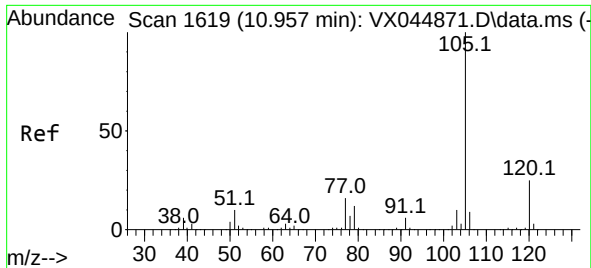
Delta R.T. 0.000 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

Tgt Ion:	152	Resp:	73921
Ion Ratio	Lower	Upper	
152	100		
115	62.5	43.4	130.1
150	159.6	0.0	350.4





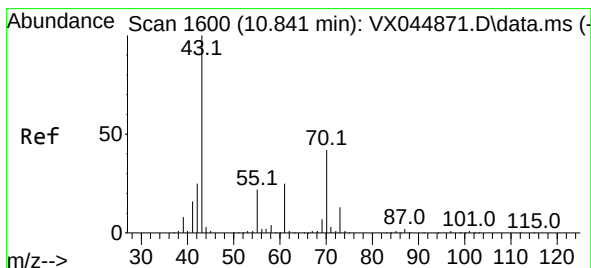
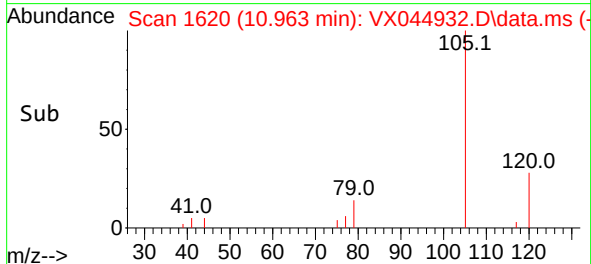
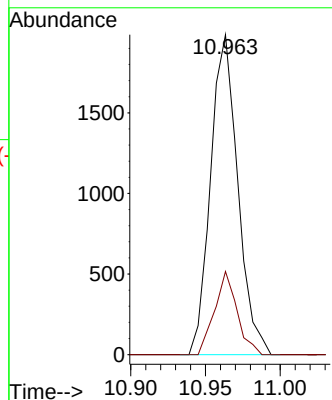
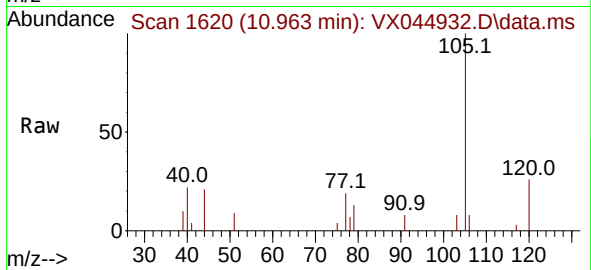
#73
Isopropylbenzene
Concen: 0.421 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:105 Resp: 2500
Ion Ratio Lower Upper
105 100
120 21.5 13.2 39.5

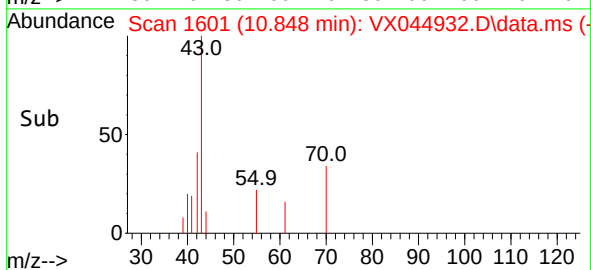
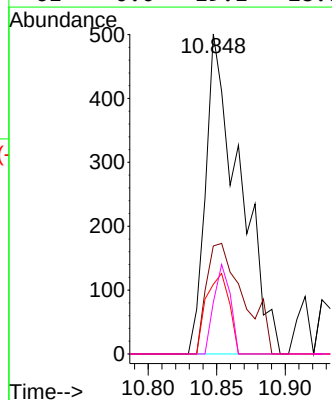
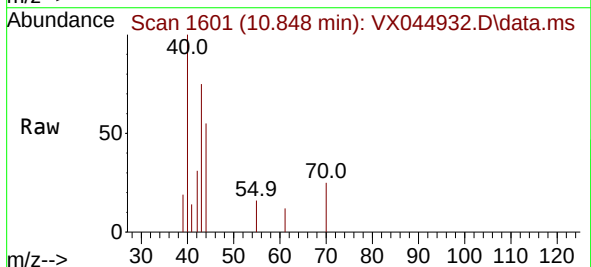
Manual Integrations
APPROVED

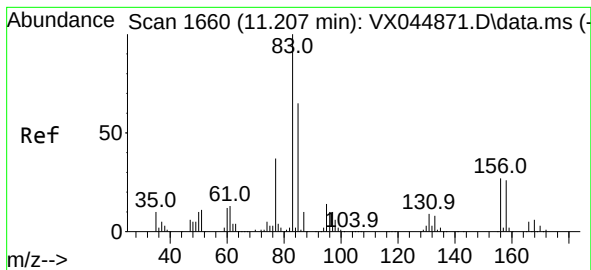
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#74
N-ethyl acetate
Concen: 0.322 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
70 37.6 33.7 50.5
55 16.8 18.6 27.8#
61 0.0 19.1 28.7#





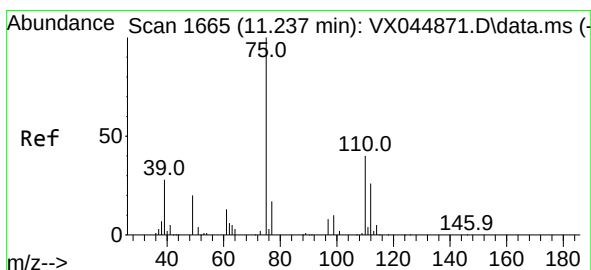
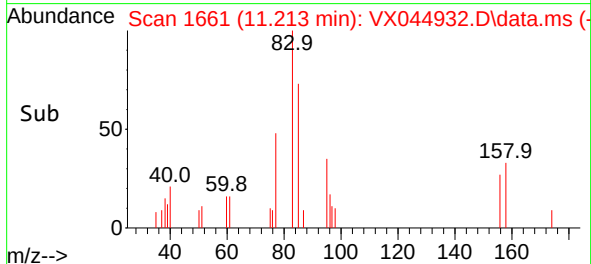
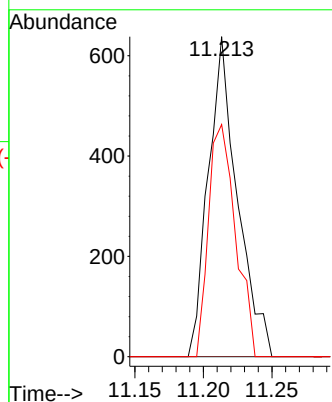
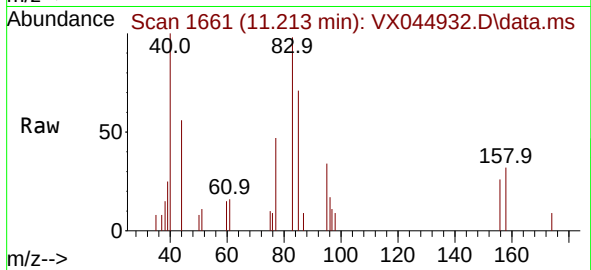
#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.461 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX044932.D
 Acq: 12 Feb 2025 14:49

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 83 Resp: 94.1
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.5 13.5
 85 67.3 32.3 96.8

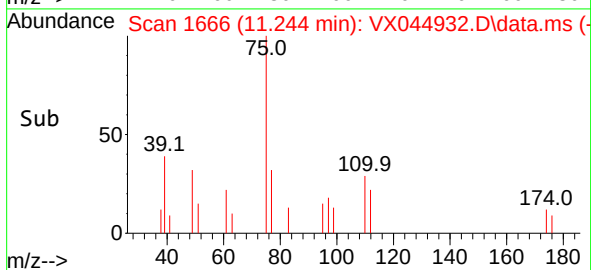
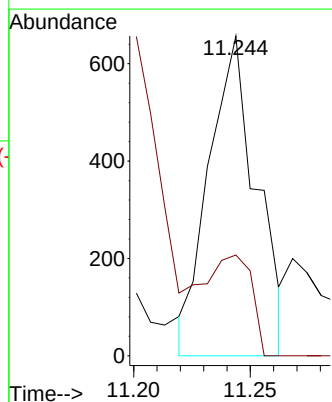
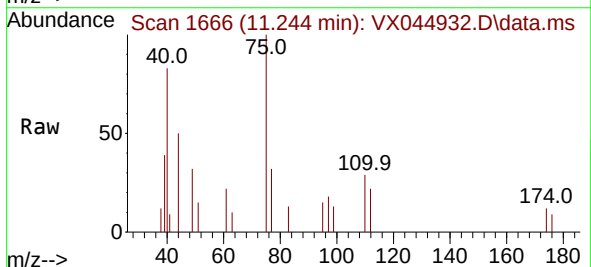
Manual Integrations
 APPROVED

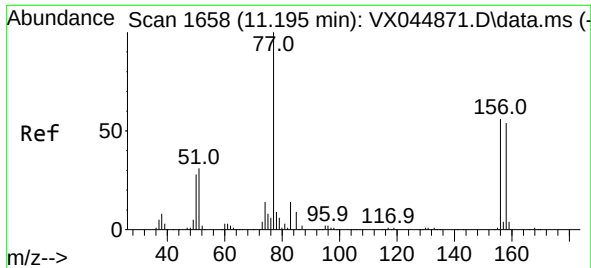
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#76
 1,2,3-Trichloropropane
 Concen: 0.567 ug/l m
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.006 min
 Lab File: VX044932.D
 Acq: 12 Feb 2025 14:49

Tgt Ion: 75 Resp: 930
 Ion Ratio Lower Upper
 75 100
 77 44.8 21.9 65.7





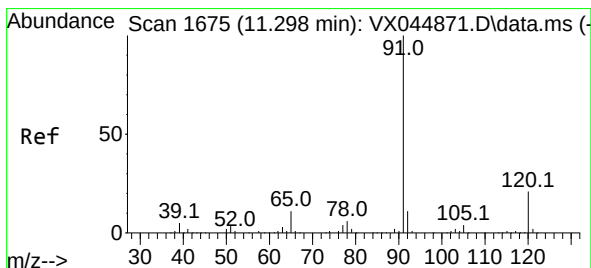
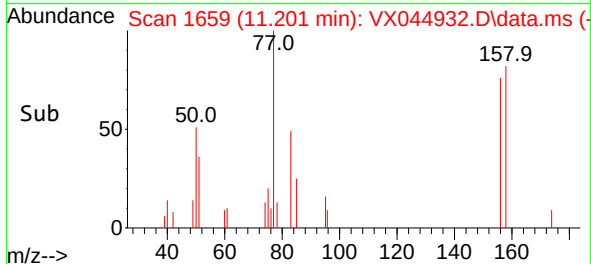
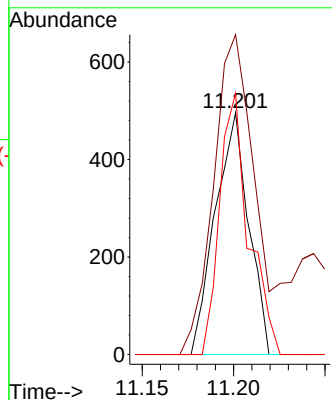
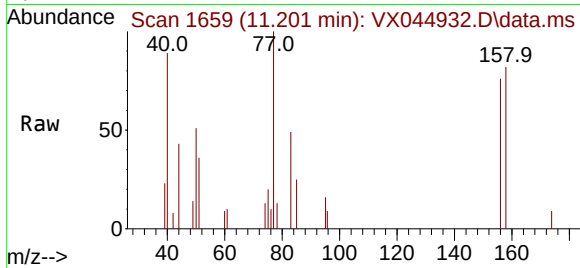
#77
Bromobenzene
Concen: 0.467 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:156 Resp: 630
Ion Ratio Lower Upper
156 100
77 166.7 88.4 265.3
158 94.3 48.4 145.2

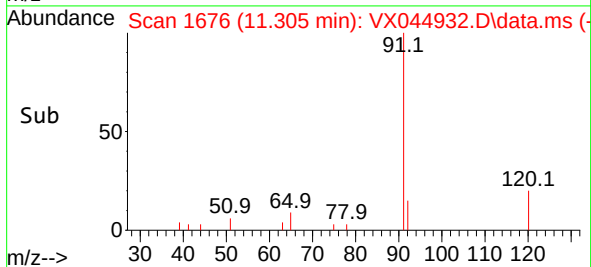
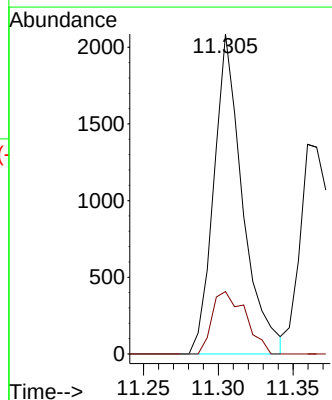
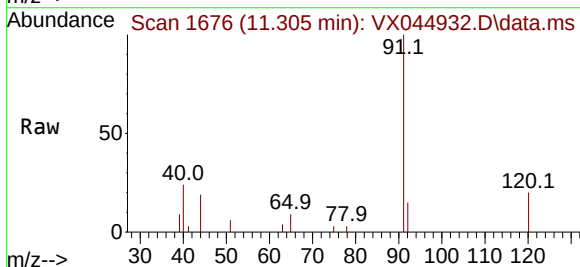
Manual Integrations
APPROVED

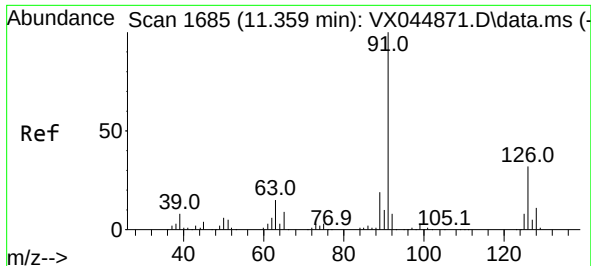
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#78
n-propylbenzene
Concen: 0.406 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 91 Resp: 2789
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.3





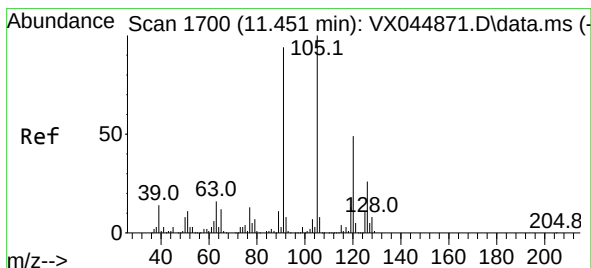
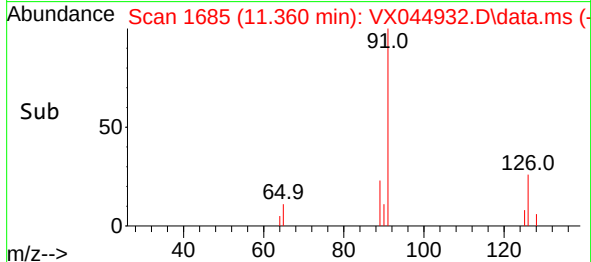
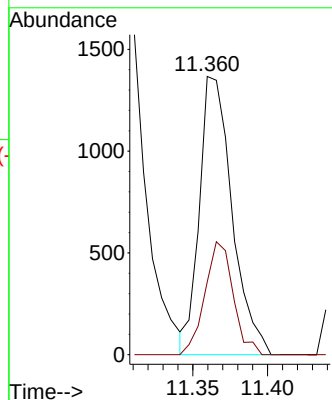
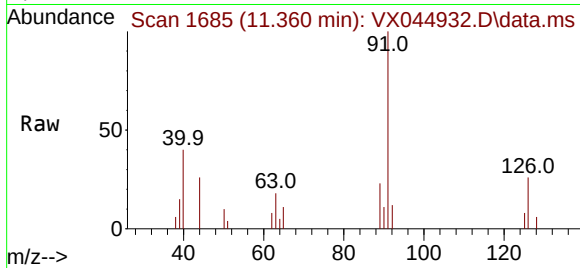
#79
2-Chlorotoluene
Concen: 0.492 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 91 Resp: 2070
Ion Ratio Lower Upper
91 100
126 35.1 16.2 48.6

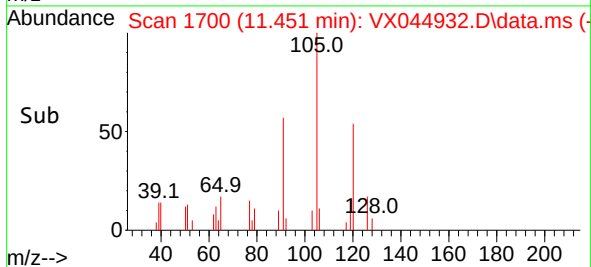
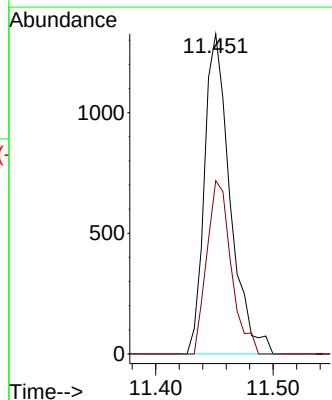
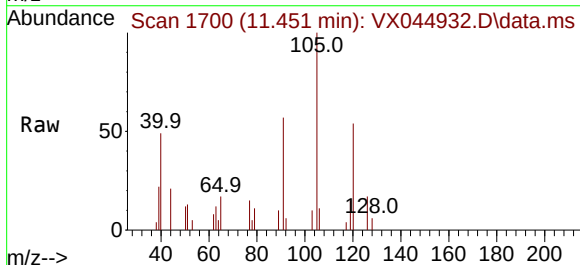
Manual Integrations
APPROVED

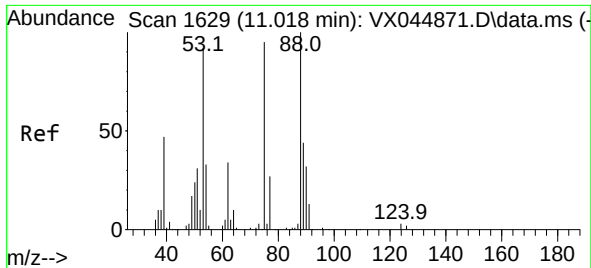
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.417 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

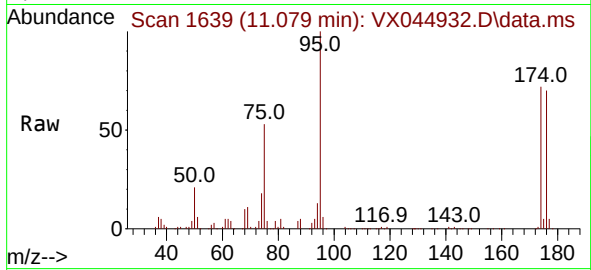
Tgt Ion:105 Resp: 2013
Ion Ratio Lower Upper
105 100
120 51.3 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 69.068 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

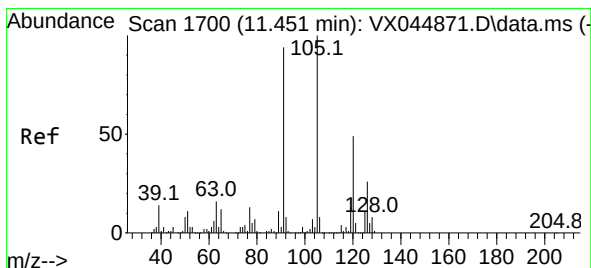
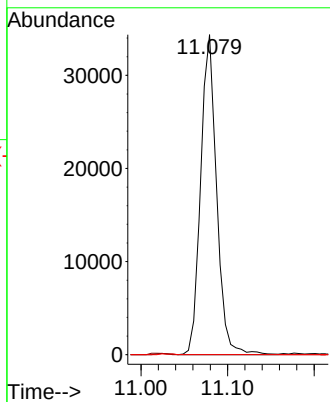
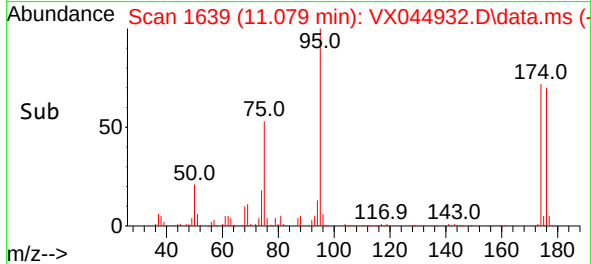
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 75 Resp: 4400
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 36.6 54.8

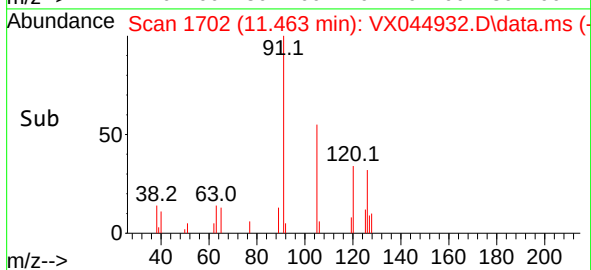
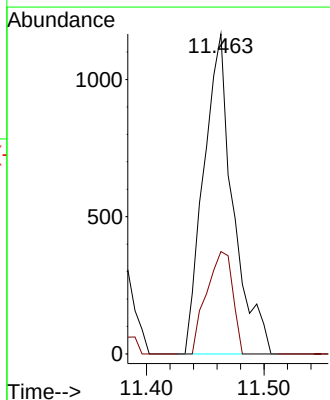
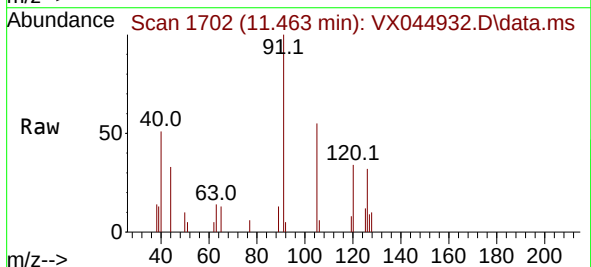
Manual Integrations
APPROVED

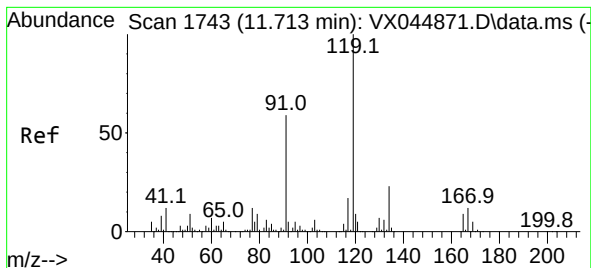
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#82
4-Chlorotoluene
Concen: 0.434 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

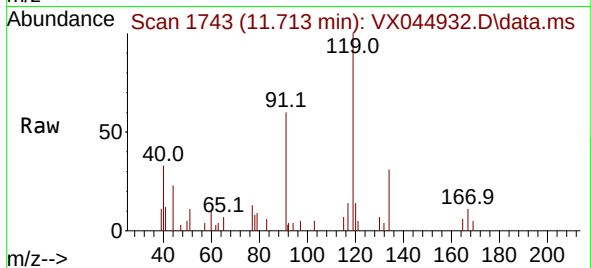
Tgt Ion: 91 Resp: 2027
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.471 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

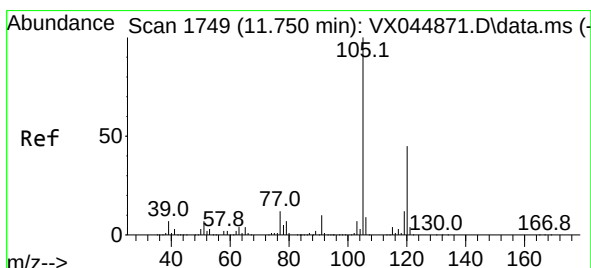
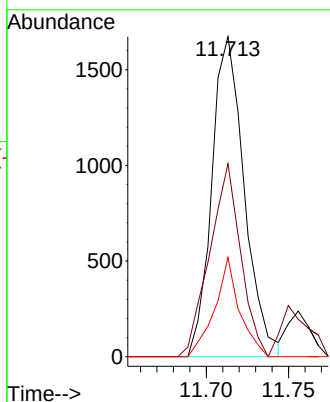
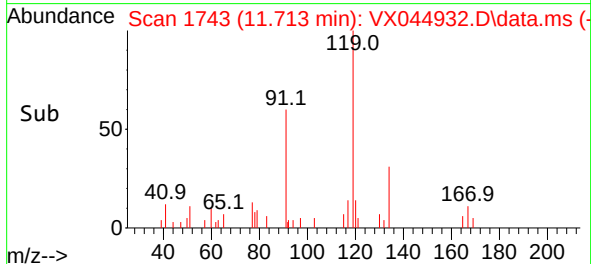
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



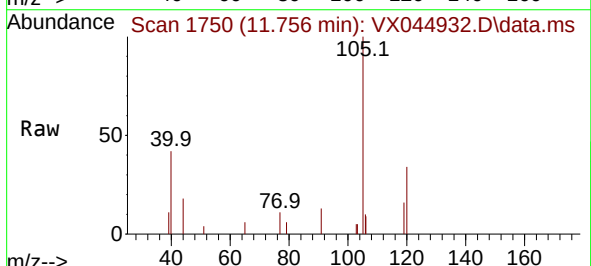
Tgt Ion:119 Resp: 2300
Ion Ratio Lower Upper
119 100
91 57.7 29.1 87.4
134 23.8 11.5 34.5

Manual Integrations
APPROVED

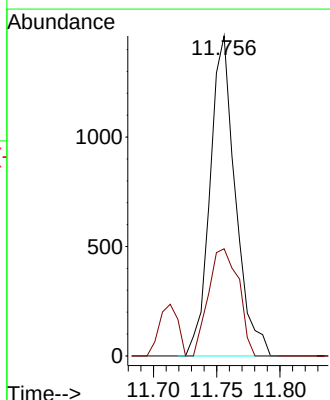
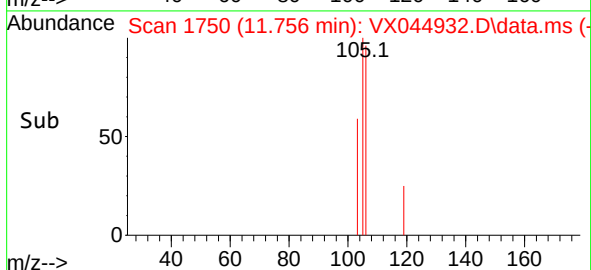
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

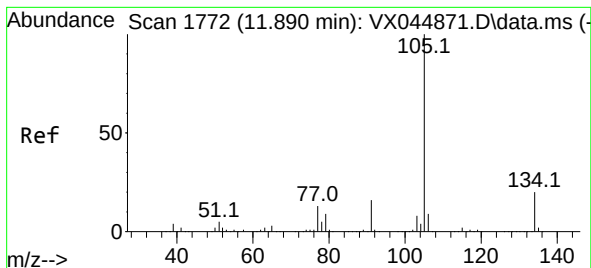


#84
1,2,4-Trimethylbenzene
Concen: 0.428 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49



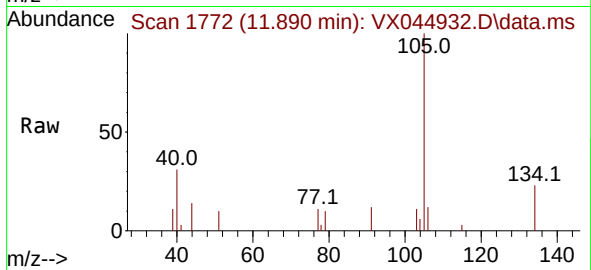
Tgt Ion:105 Resp: 2039
Ion Ratio Lower Upper
105 100
120 39.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 0.405 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044932.D
 Acq: 12 Feb 2025 14:49

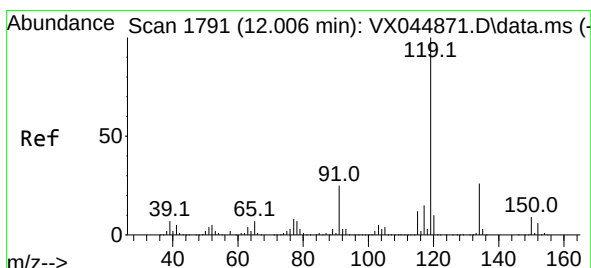
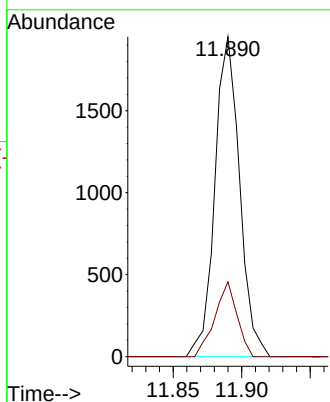
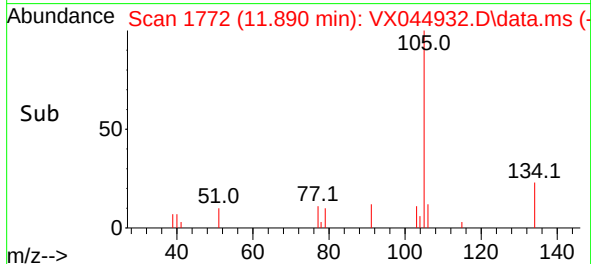
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



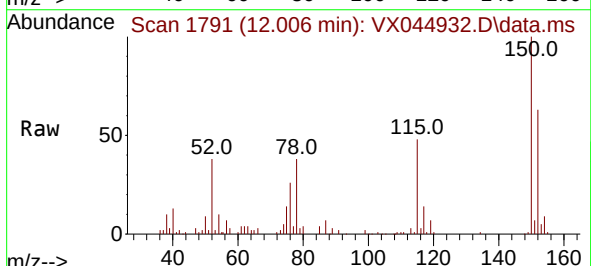
Tgt Ion:105 Resp: 244
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.3

Manual Integrations
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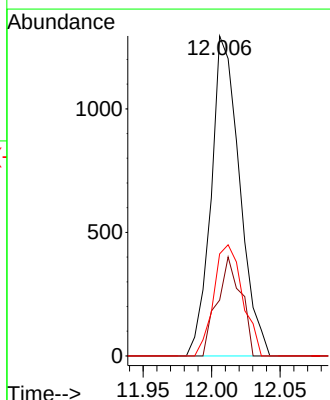
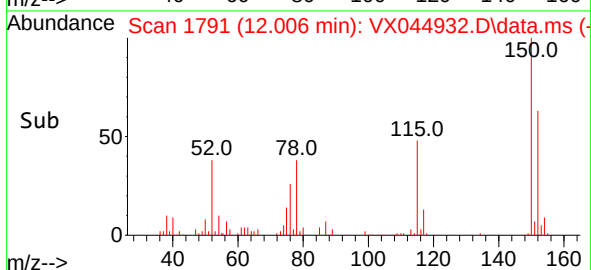
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

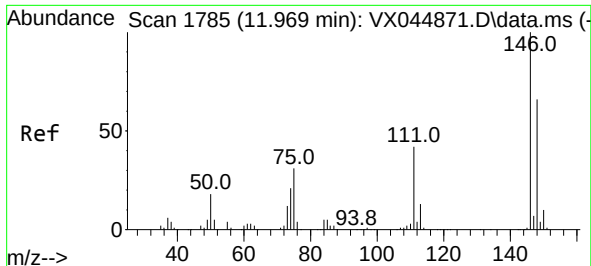


#86
 p-Isopropyltoluene
 Concen: 0.385 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044932.D
 Acq: 12 Feb 2025 14:49



Tgt Ion:119 Resp: 1871
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 35.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 0.431 ug/l

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

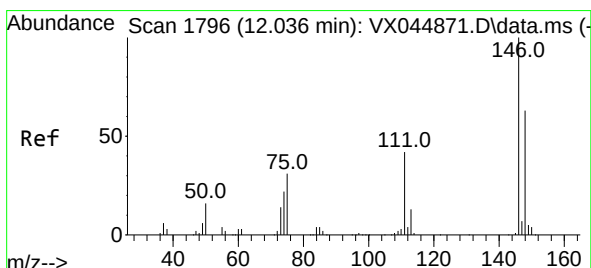
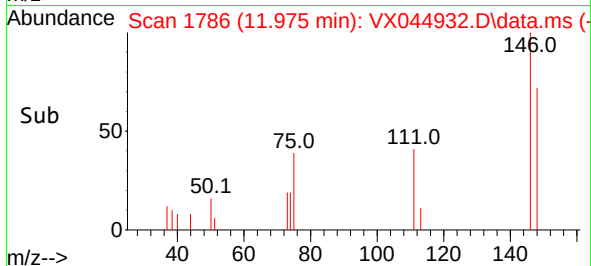
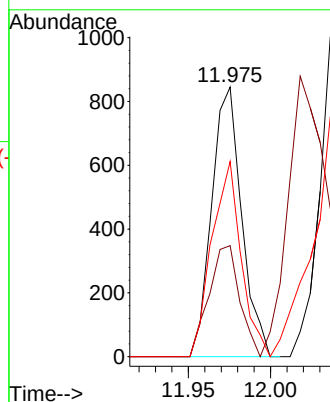
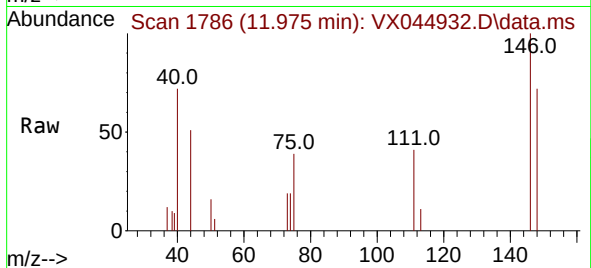
Tgt Ion:146 Resp: 1069
Ion Ratio Lower Upper
146 100
111 42.4 21.2 63.6
148 70.9 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#88

1,4-Dichlorobenzene

Concen: 0.493 ug/l m

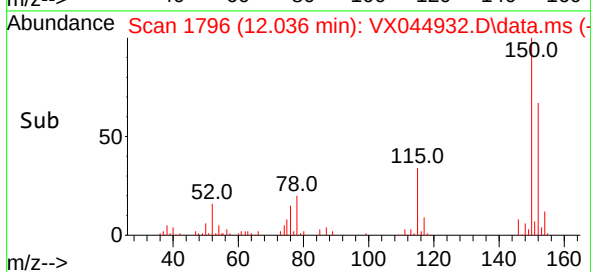
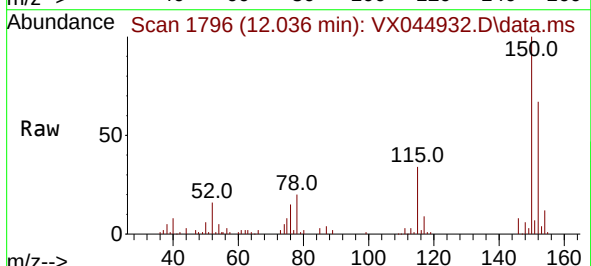
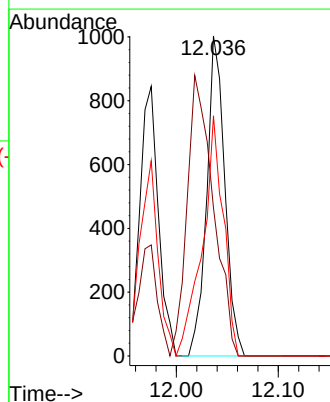
RT: 12.036 min Scan# 1796

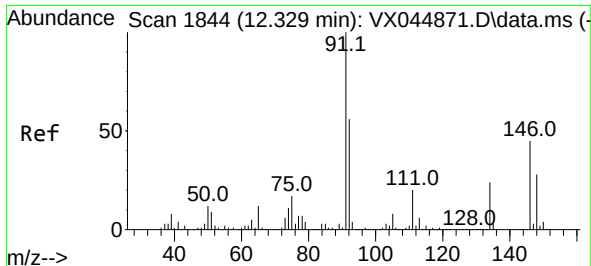
Delta R.T. 0.000 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

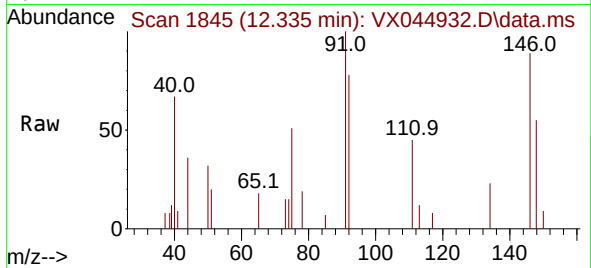
Tgt Ion:146 Resp: 1238
Ion Ratio Lower Upper
146 100
111 36.6 20.4 61.3
148 61.2 32.0 96.0





#89
n-Butylbenzene
Concen: 0.292 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

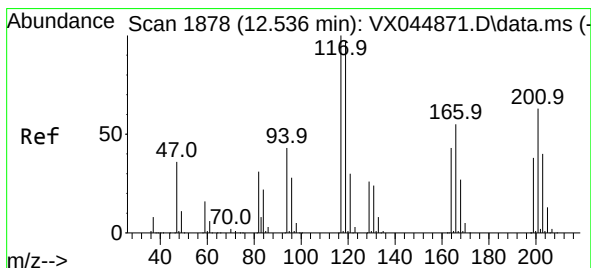
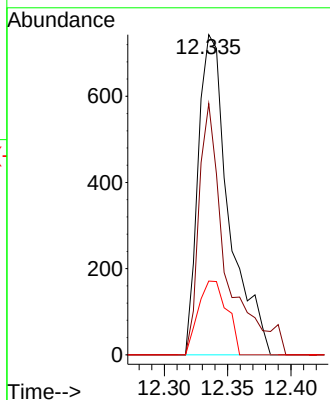
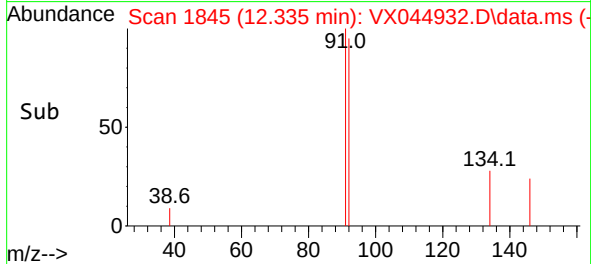
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 91 Resp: 1258
Ion Ratio Lower Upper
91 100
92 69.0 27.2 81.6
134 21.5 12.1 36.3

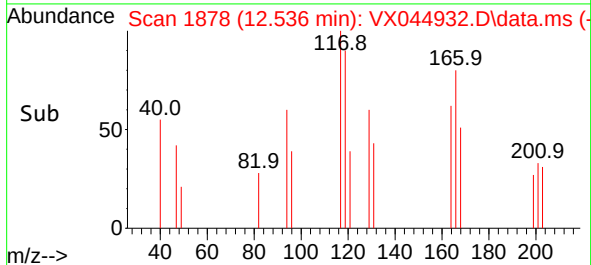
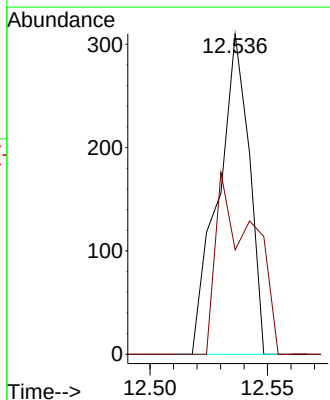
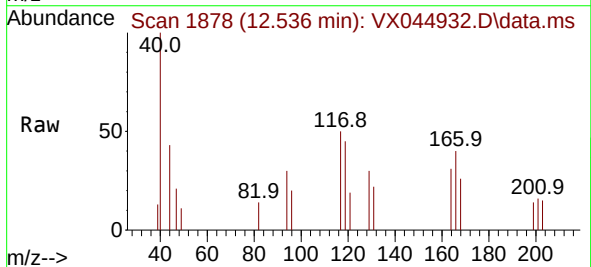
Manual Integrations
APPROVED

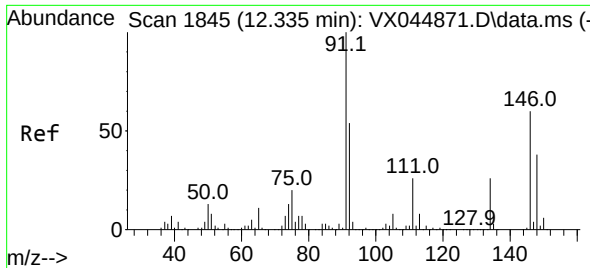
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#90
Hexachloroethane
Concen: 0.313 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion:117 Resp: 285
Ion Ratio Lower Upper
117 100
201 66.7 32.5 97.5





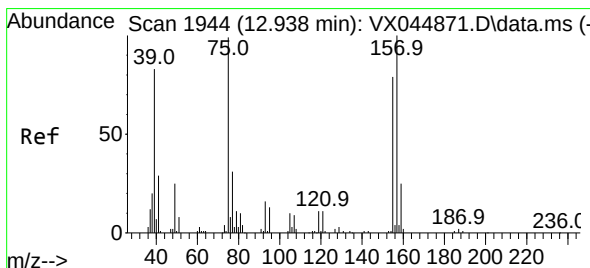
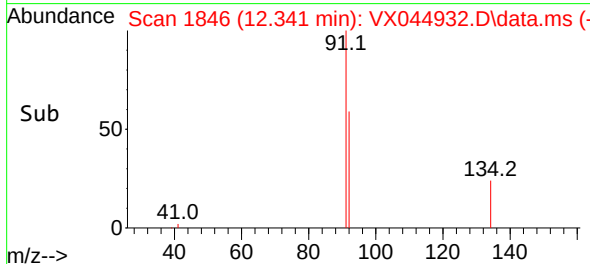
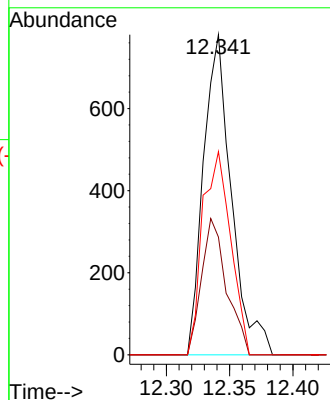
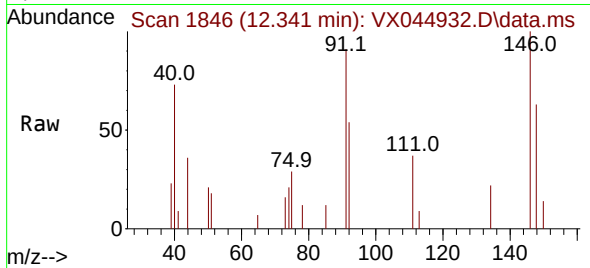
#91
1,2-Dichlorobenzene
Concen: 0.492 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Tgt Ion:146 Resp: 1199
Ion Ratio Lower Upper
146 100
111 38.2 21.8 65.4
148 63.6 31.9 95.9

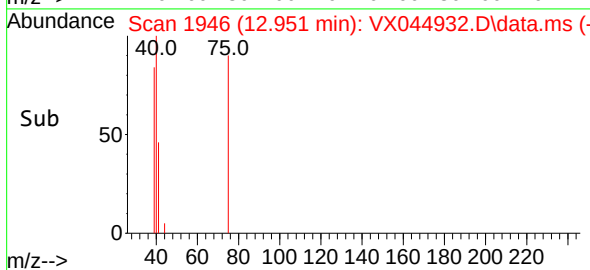
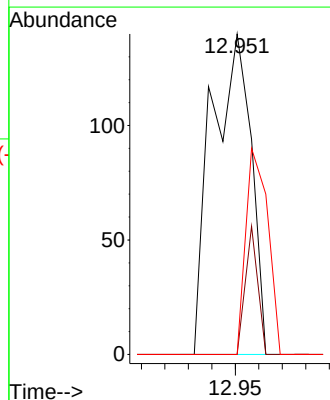
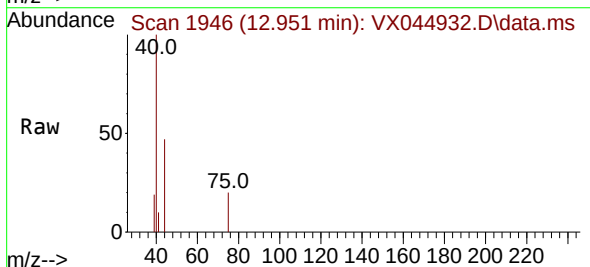
Manual Integrations
APPROVED

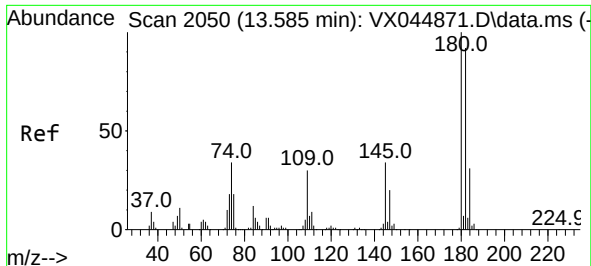
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.434 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

Tgt Ion: 75 Resp: 162
Ion Ratio Lower Upper
75 100
155 12.3 40.5 121.4#
157 36.4 51.4 154.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.318 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

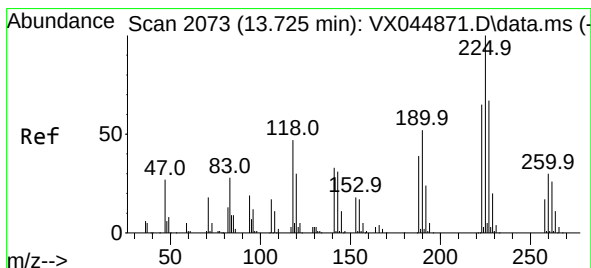
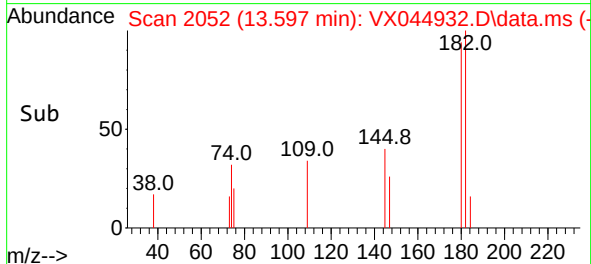
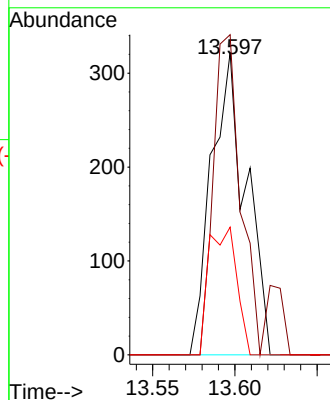
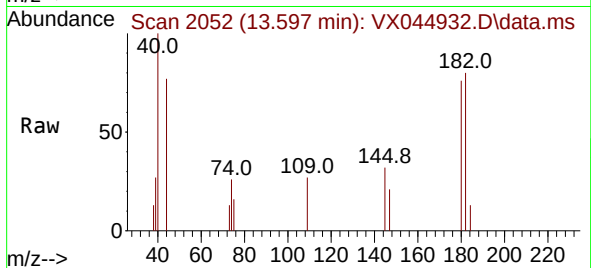
Tgt Ion:180	Resp:	470
Ion Ratio	Lower	Upper
180	100	
182	83.4	47.6 142.8
145	34.0	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#94

Hexachlorobutadiene

Concen: 0.254 ug/l

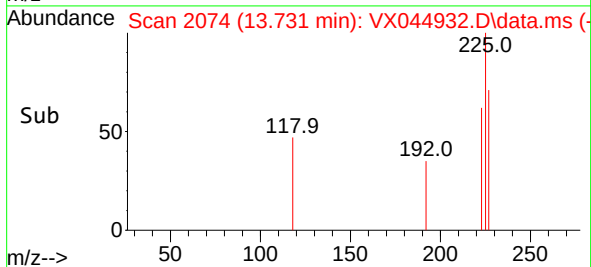
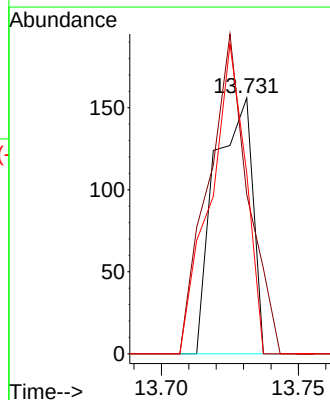
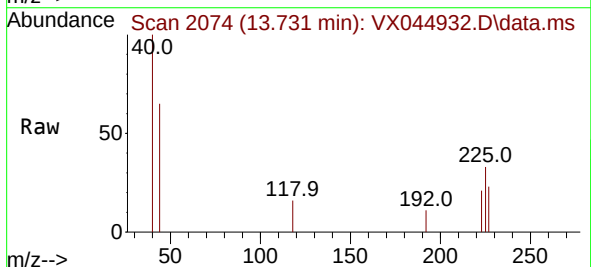
RT: 13.731 min Scan# 2074

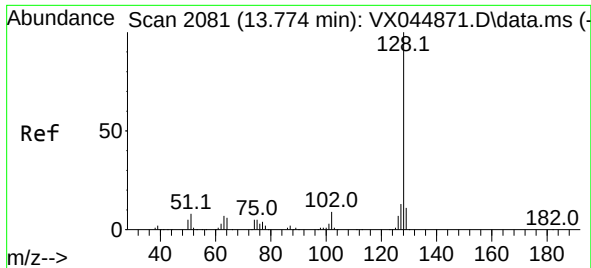
Delta R.T. 0.006 min

Lab File: VX044932.D

Acq: 12 Feb 2025 14:49

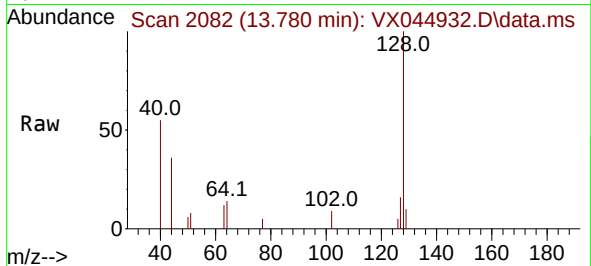
Tgt Ion:225	Resp:	149
Ion Ratio	Lower	Upper
225	100	
223	131.5	31.4 94.2#
227	114.1	32.3 96.8#





#95
Naphthalene
Concen: 0.343 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49

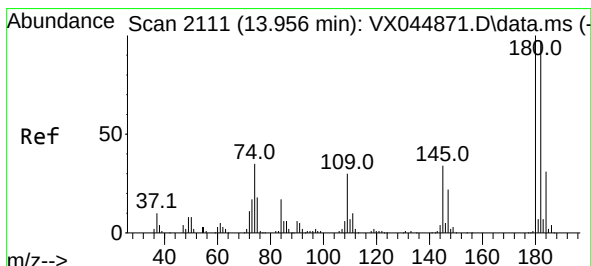
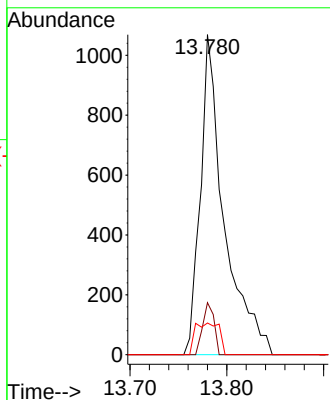
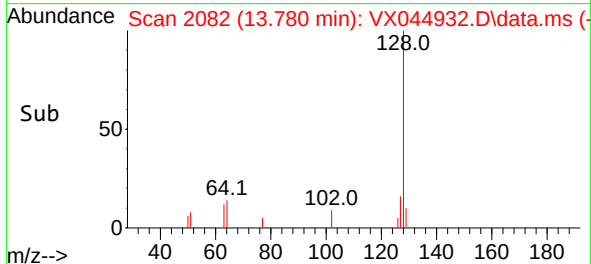
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



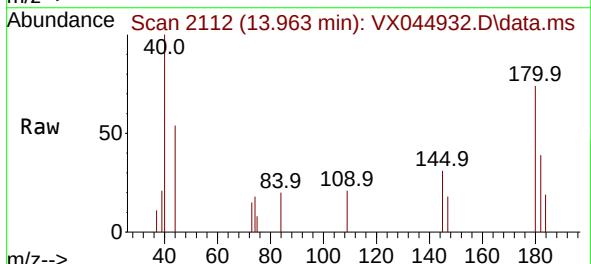
Tgt Ion:128 Resp: 1828
Ion Ratio Lower Upper
128 100
127 7.8 10.1 15.1
129 10.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.364 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044932.D
Acq: 12 Feb 2025 14:49



Tgt Ion:180 Resp: 541
Ion Ratio Lower Upper
180 100
182 92.8 47.9 143.6
145 40.9 17.1 51.3

