

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044934.D
 Acq On : 12 Feb 2025 15:35
 Operator : JC/MD
 Sample : Q1168-07 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 13 03:45:09 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	103920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	192847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	170093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83318	54.771	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.540%			
35) Dibromofluoromethane	5.379	113	65176	51.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	8.647	98	243485	51.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.700%			
62) 4-Bromofluorobenzene	11.079	95	81400	50.927	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3568	2.448	ug/l	79
3) Chloromethane	1.301	50	4809	2.711	ug/l	91
4) Vinyl Chloride	1.374	62	4284	2.493	ug/l	98
5) Bromomethane	1.593	94	1630	3.170	ug/l	100
6) Chloroethane	1.666	64	2381	3.737	ug/l	98
7) Trichlorofluoromethane	1.874	101	5864	2.698	ug/l	98
8) Diethyl Ether	2.130	74	1973	2.503	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	3460	2.635	ug/l	98
10) Methyl Iodide	2.447	142	4401	2.586	ug/l	99
11) Tert butyl alcohol	2.983	59	4908	17.391	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	3327	2.484	ug/l	95
13) Acrolein	2.233	56	4174	14.335	ug/l	95
14) Allyl chloride	2.654	41	6177	2.552	ug/l	90
15) Acrylonitrile	3.062	53	9887	13.122	ug/l	98
16) Acetone	2.380	43	8886	14.531	ug/l	96
17) Carbon Disulfide	2.502	76	8598	2.341	ug/l	96
18) Methyl Acetate	2.703	43	5239	2.715	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	11126	2.611	ug/l	99
20) Methylene Chloride	2.782	84	4041	2.698	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	3481	2.641	ug/l	98
22) Diisopropyl ether	3.757	45	11712	2.557	ug/l #	69
23) Vinyl Acetate	3.721	43	42965	11.508	ug/l	100
24) 1,1-Dichloroethane	3.611	63	6620	2.583	ug/l	98
25) 2-Butanone	4.574	43	13073	13.165	ug/l	93
26) 2,2-Dichloropropane	4.471	77	4453	2.191	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	4308	2.721	ug/l	96
28) Bromochloromethane	4.891	49	3111	2.526	ug/l #	92
29) Tetrahydrofuran	5.019	42	9402	14.259	ug/l	94
30) Chloroform	5.086	83	6715	2.702	ug/l	85
31) Cyclohexane	5.458	56	6107	2.585	ug/l	88
32) 1,1,1-Trichloroethane	5.367	97	5511	2.614	ug/l	98
36) 1,1-Dichloropropene	5.678	75	4646m	2.568	ug/l	
37) Ethyl Acetate	4.733	43	5154m	2.562	ug/l	
38) Carbon Tetrachloride	5.672	117	4702	2.653	ug/l #	95
39) Methylcyclohexane	7.379	83	5643	2.413	ug/l	91
40) Benzene	6.037	78	14711	2.604	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	2517	2.337	ug/l #	66
42) 1,2-Dichloroethane	6.086	62	5134	2.852	ug/l	85
43) Isopropyl Acetate	6.342	43	7919m	2.437	ug/l	
44) Trichloroethene	7.129	130	3209	2.485	ug/l	97
45) 1,2-Dichloropropane	7.434	63	3664	2.607	ug/l	93
46) Dibromomethane	7.586	93	2626	2.695	ug/l	98
47) Bromodichloromethane	7.824	83	4865	2.578	ug/l #	87
48) Methyl methacrylate	7.702	41	3767	2.459	ug/l #	89
49) 1,4-Dioxane	7.671	88	1756	53.424	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	25086	12.700	ug/l	97
52) Toluene	8.720	92	8834	2.626	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	3898	2.041	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	4714	2.214	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	3428	2.651	ug/l	96
56) Ethyl methacrylate	9.122	69	4700	2.250	ug/l	94
57) 1,3-Dichloropropane	9.311	76	5701	2.520	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	11701	11.410	ug/l	97
59) 2-Hexanone	9.433	43	17688	12.428	ug/l	93
60) Dibromochloromethane	9.519	129	3369	2.436	ug/l	95
61) 1,2-Dibromoethane	9.610	107	3116	2.377	ug/l	98
64) Tetrachloroethene	9.275	164	2807	2.617	ug/l	90
65) Chlorobenzene	10.079	112	9462	2.590	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	2898	2.465	ug/l	97
67) Ethyl Benzene	10.195	91	15692	2.434	ug/l	96
68) m/p-Xylenes	10.299	106	11322	4.761	ug/l	98
69) o-Xylene	10.640	106	5899	2.472	ug/l	98
70) Styrene	10.659	104	9310	2.422	ug/l	97
71) Bromoform	10.805	173	1861	2.121	ug/l #	95
73) Isopropylbenzene	10.963	105	14378	2.465	ug/l	100
74) N-amyl acetate	10.848	43	5435	2.059	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	5129	2.559	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	4269m	2.658	ug/l	
77) Bromobenzene	11.195	156	3381	2.557	ug/l	98
78) n-propylbenzene	11.305	91	16428	2.440	ug/l	96
79) 2-Chlorotoluene	11.366	91	10931	2.642	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	11609	2.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	908m	1.454	ug/l	
82) 4-Chlorotoluene	11.457	91	11008	2.405	ug/l	96
83) tert-Butylbenzene	11.713	119	11695	2.442	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	11924	2.552	ug/l	95
85) sec-Butylbenzene	11.890	105	14125	2.382	ug/l	98
86) p-Isopropyltoluene	12.006	119	11239	2.357	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	6062	2.493	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	6467	2.630	ug/l	86
89) n-Butylbenzene	12.335	91	8988	2.131	ug/l	98
90) Hexachloroethane	12.536	117	1899	2.127	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	6424	2.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	816	2.231	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	2957	2.045	ug/l	97
94) Hexachlorobutadiene	13.725	225	1365	2.378	ug/l	97
95) Naphthalene	13.780	128	11097	2.123	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	3268	2.243	ug/l	96

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

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/14/2025

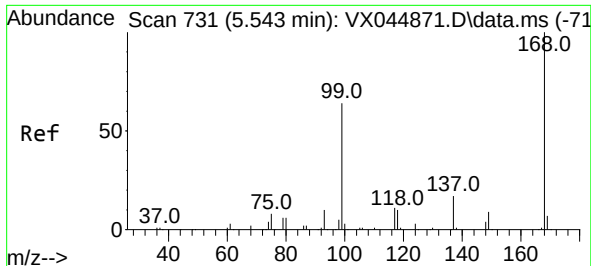
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

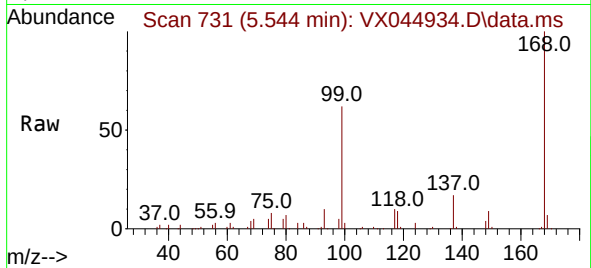
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044934.D
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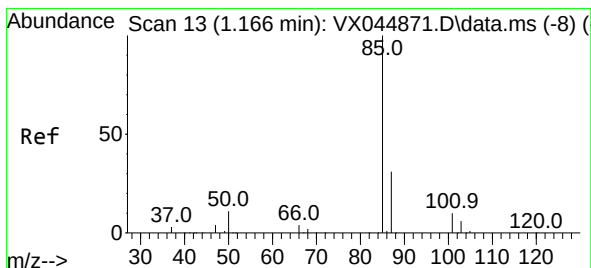
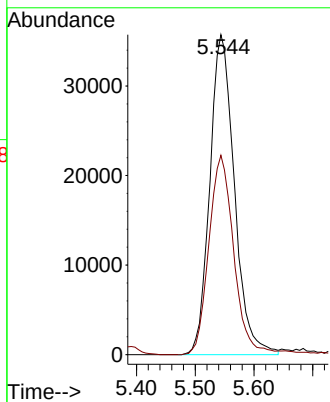
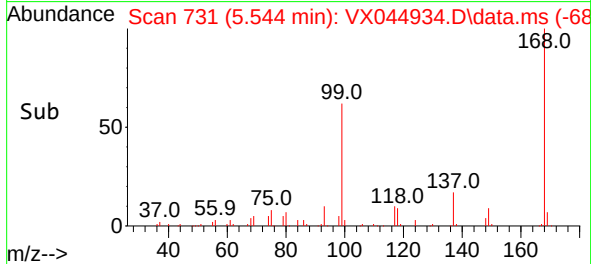
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:168 Resp: 103920
Ion Ratio Lower Upper
168 100
99 62.3 51.2 76.8

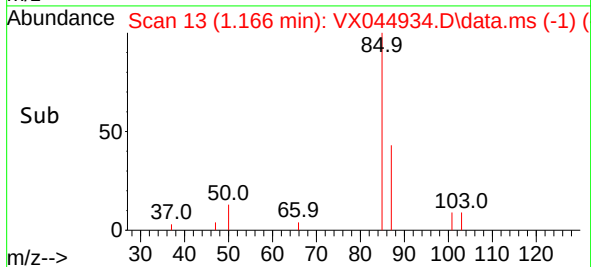
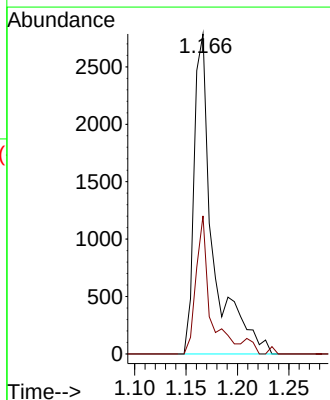
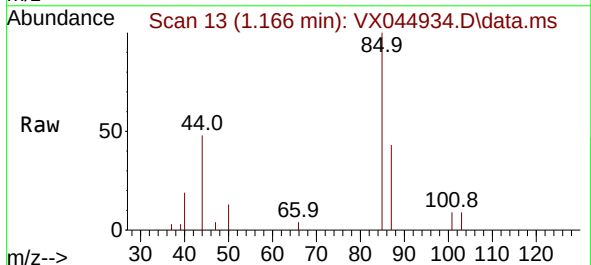
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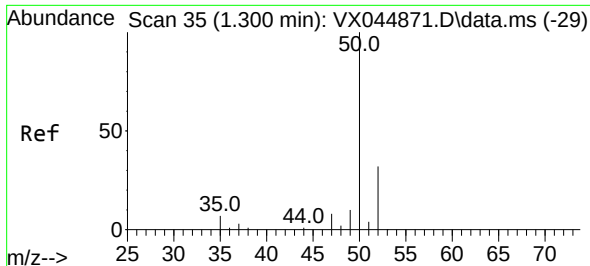
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#2
Dichlorodifluoromethane
Concen: 2.448 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion: 85 Resp: 3568
Ion Ratio Lower Upper
85 100
87 43.1 15.8 47.3





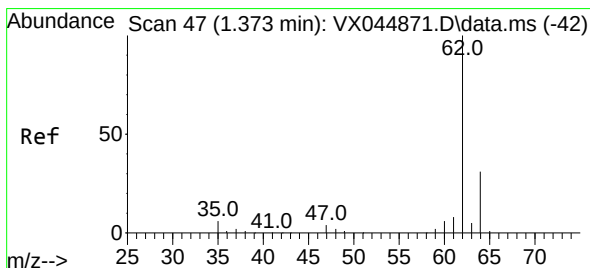
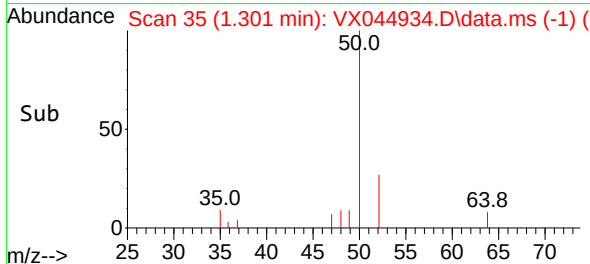
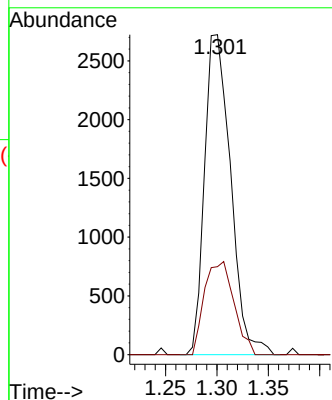
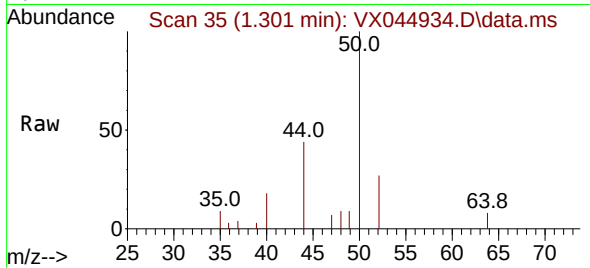
#3
Chloromethane
Concen: 2.711 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044934.D
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ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 50 Resp: 4809
Ion Ratio Lower Upper
50 100
52 27.5 25.9 38.9

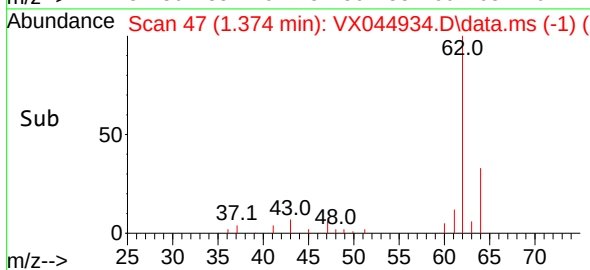
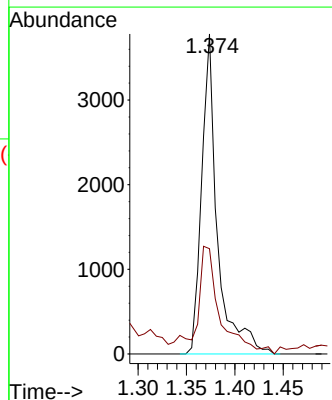
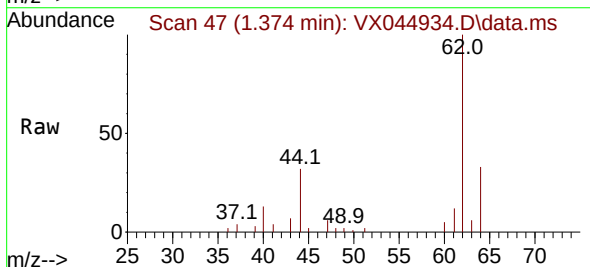
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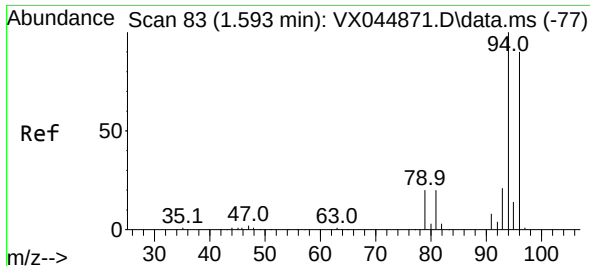
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#4
Vinyl Chloride
Concen: 2.493 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

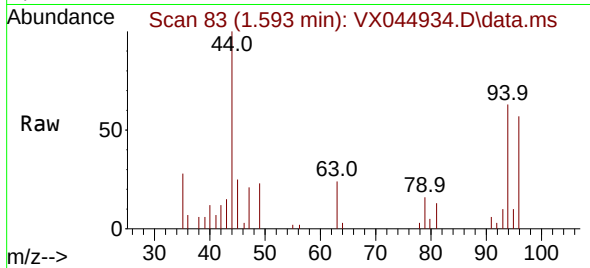
Tgt Ion: 62 Resp: 4284
Ion Ratio Lower Upper
62 100
64 30.7 25.4 38.0





#5
Bromomethane
Concen: 3.170 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

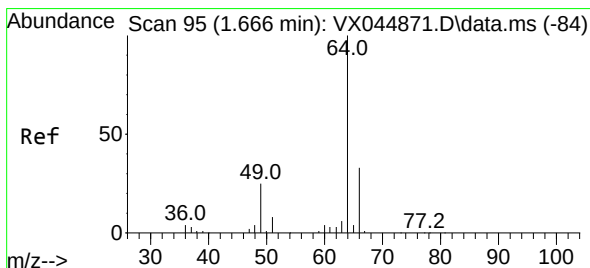
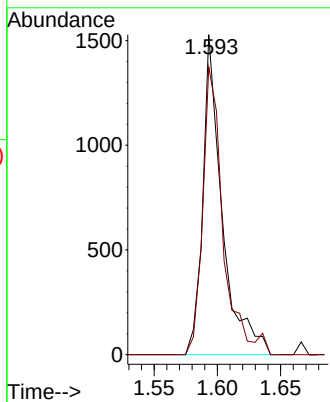
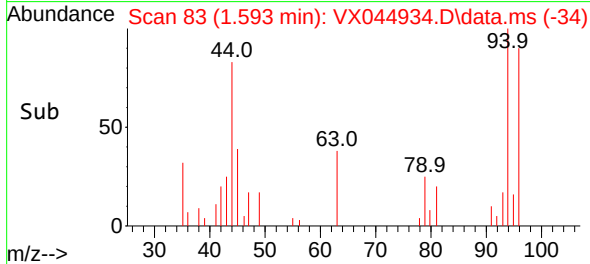
Instrument :
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Tgt Ion: 94 Resp: 1630
Ion Ratio Lower Upper
94 100
96 89.9 71.6 107.4

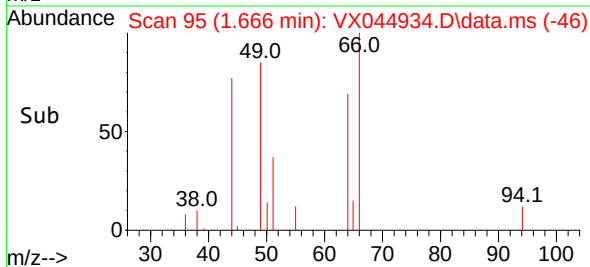
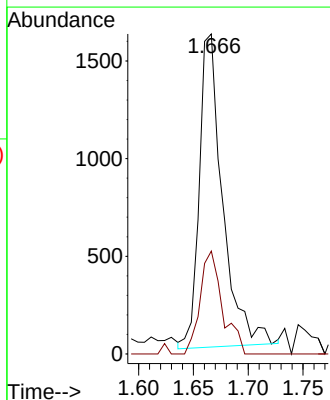
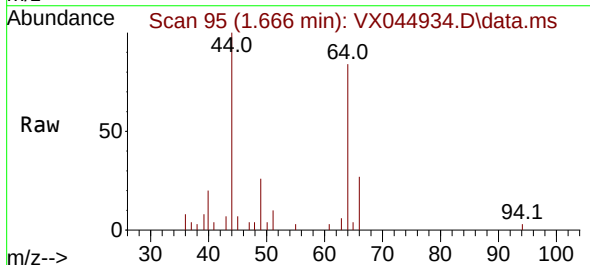
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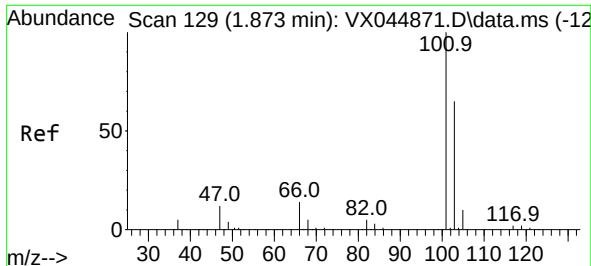
Reviewed By :John Carlone 02/14/2025
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#6
Chloroethane
Concen: 3.737 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
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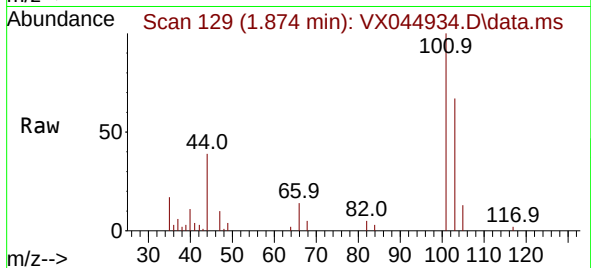
Tgt Ion: 64 Resp: 2381
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9





#7
Trichlorofluoromethane
Concen: 2.698 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX044934.D
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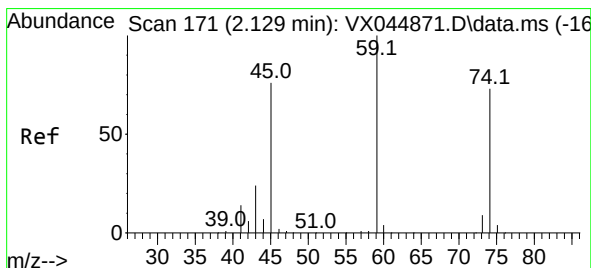
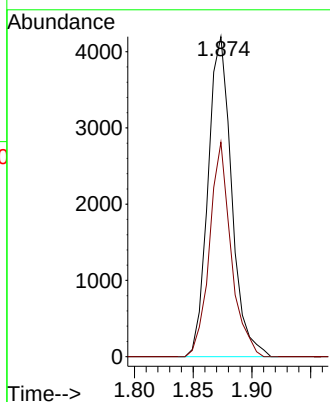
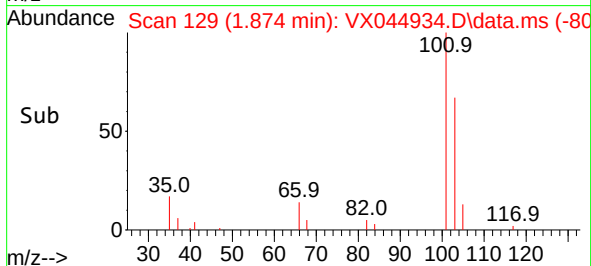
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:101 Resp: 5864
Ion Ratio Lower Upper
101 100
103 67.0 52.4 78.6

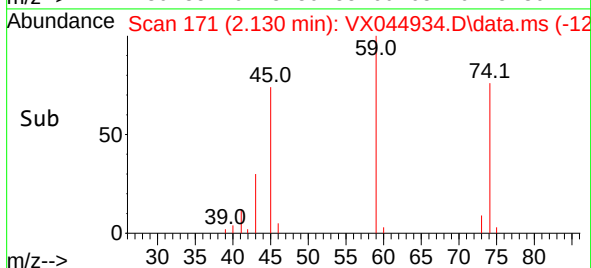
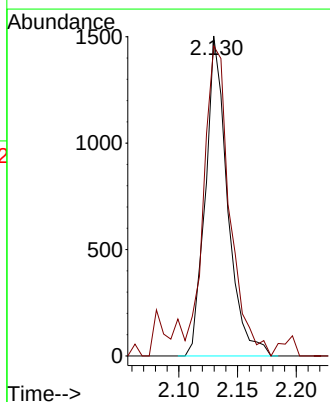
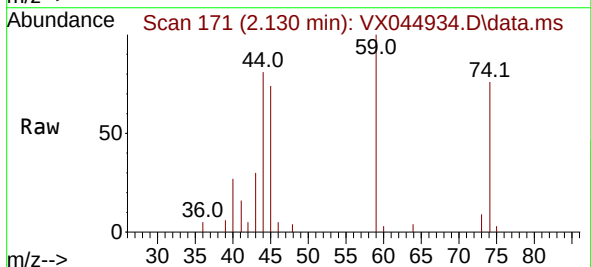
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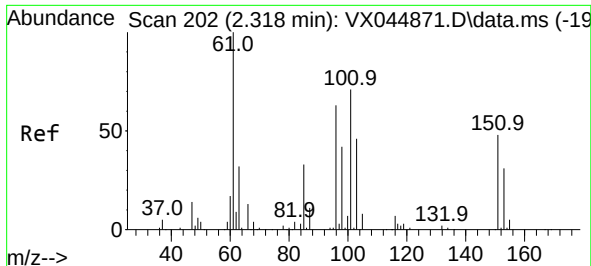
Reviewed By :John Carlone 02/14/2025
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#8
Diethyl Ether
Concen: 2.503 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion: 74 Resp: 1973
Ion Ratio Lower Upper
74 100
45 117.9 51.1 153.4





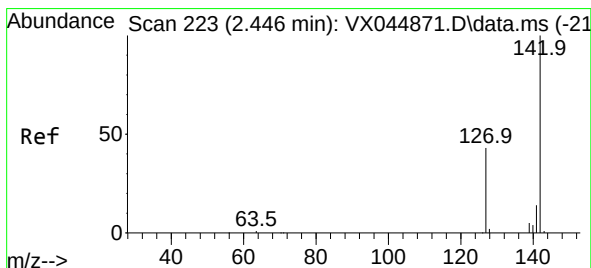
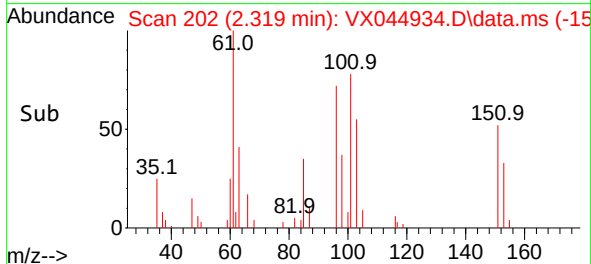
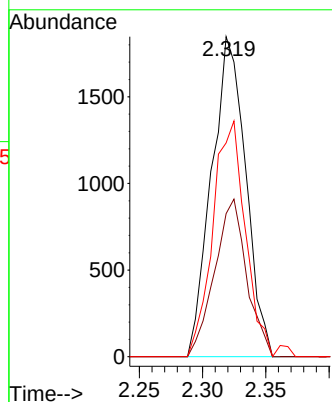
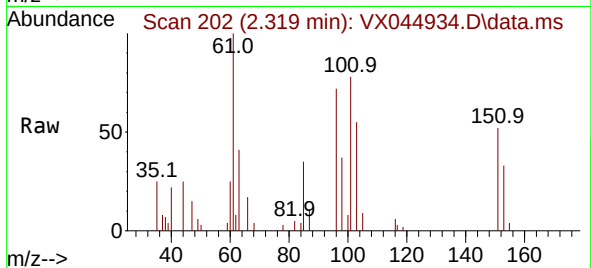
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.635 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion:101 Resp: 3460
Ion Ratio Lower Upper
101 100
85 46.4 35.7 53.5
151 71.3 56.0 84.0

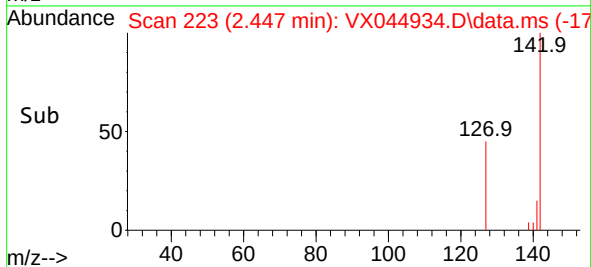
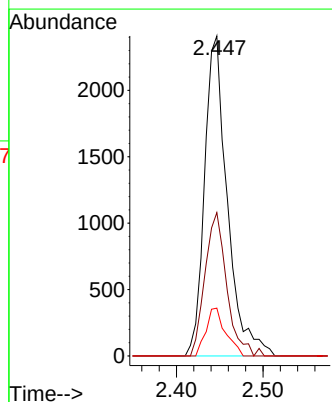
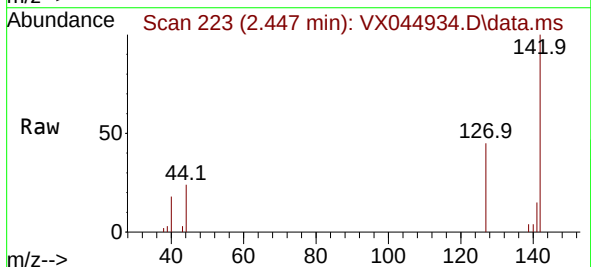
Manual Integrations
APPROVED

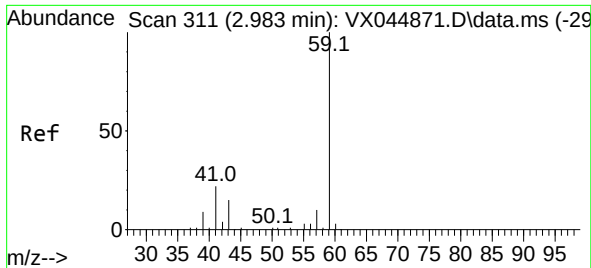
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#10
Methyl Iodide
Concen: 2.586 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion:142 Resp: 4401
Ion Ratio Lower Upper
142 100
127 42.8 34.3 51.5
141 12.8 11.4 17.2





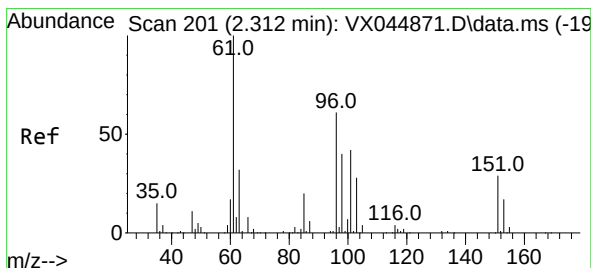
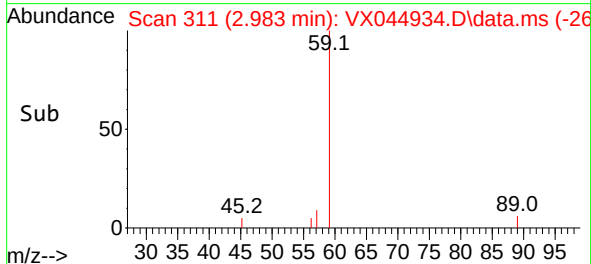
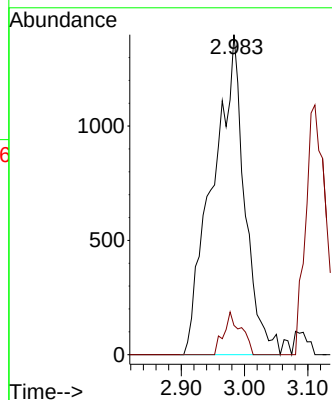
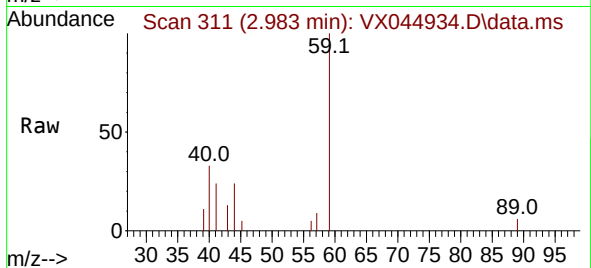
#11
Tert butyl alcohol
Concen: 17.391 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion: 59 Resp: 4908
Ion Ratio Lower Upper
59 100
57 7.2 8.1 12.1

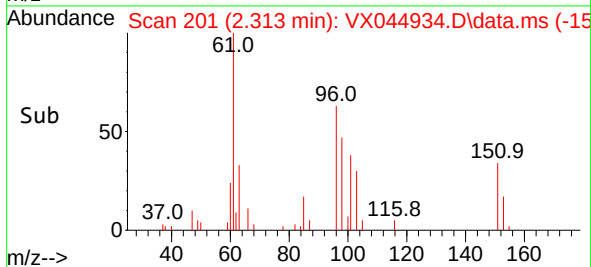
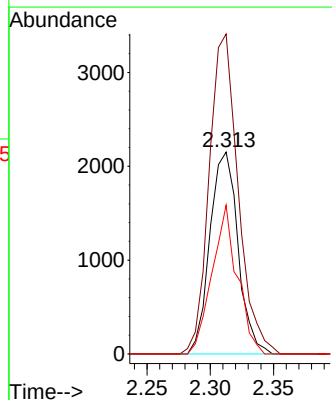
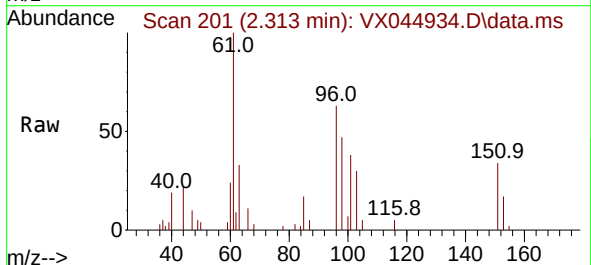
Manual Integrations
APPROVED

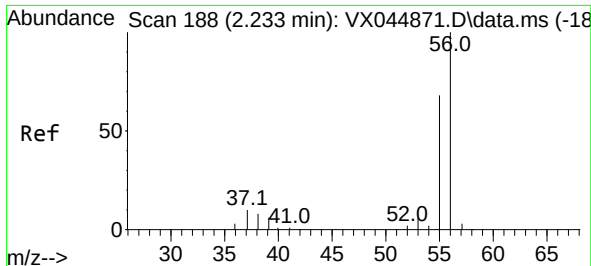
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#12
1,1-Dichloroethene
Concen: 2.484 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion: 96 Resp: 3327
Ion Ratio Lower Upper
96 100
61 158.5 130.2 195.4
98 73.7 52.2 78.4





#13

Acrolein

Concen: 14.335 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

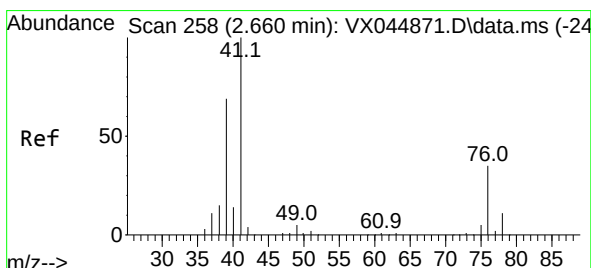
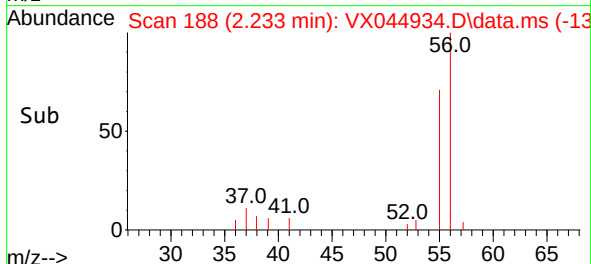
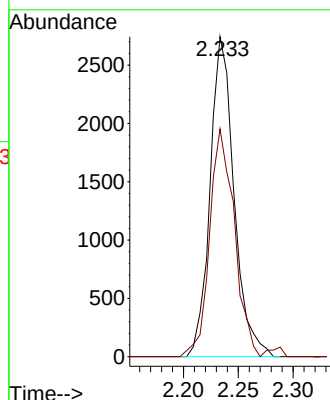
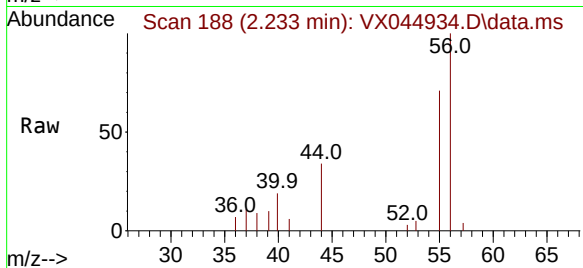
Tgt Ion: 56 Resp: 4174
 Ion Ratio Lower Upper
 56 100
 55 73.4 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#14

Allyl chloride

Concen: 2.552 ug/l

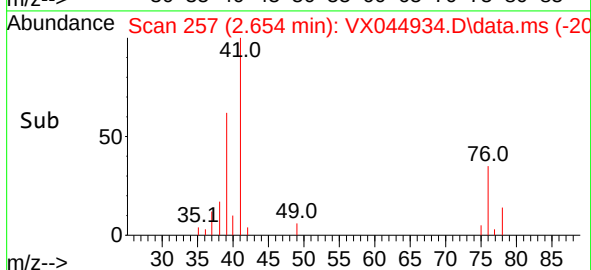
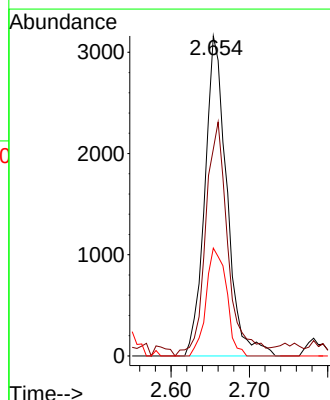
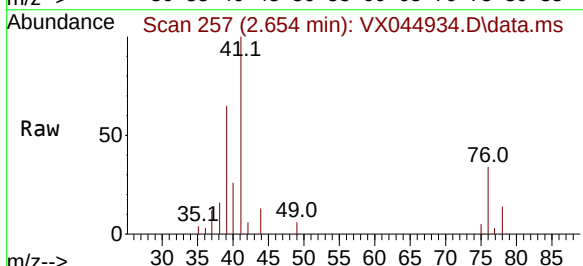
RT: 2.654 min Scan# 257

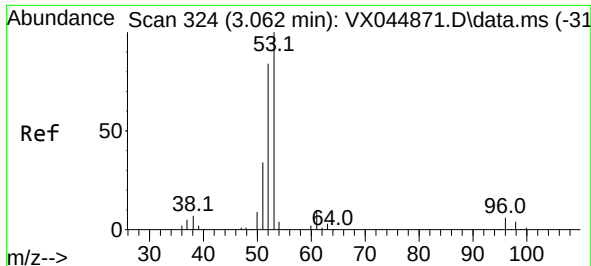
Delta R.T. -0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

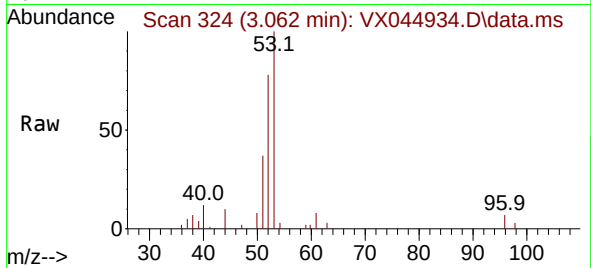
Tgt Ion: 41 Resp: 6177
 Ion Ratio Lower Upper
 41 100
 39 74.5 51.4 77.2
 76 31.2 27.0 40.4





#15
Acrylonitrile
Concen: 13.122 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

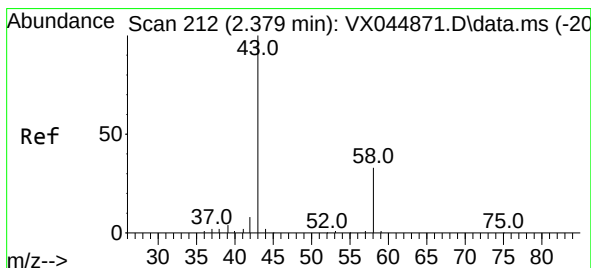
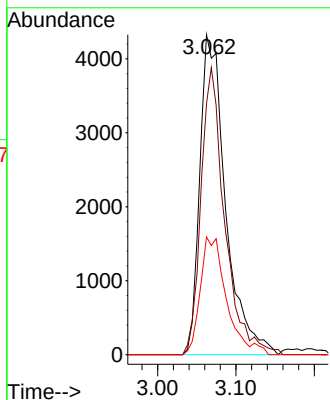
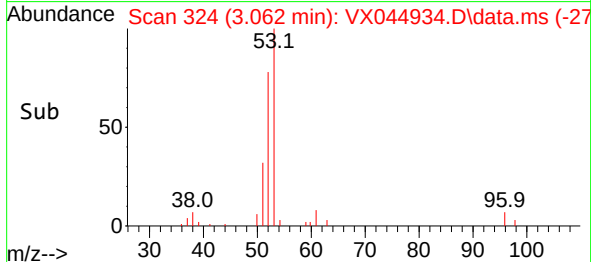
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



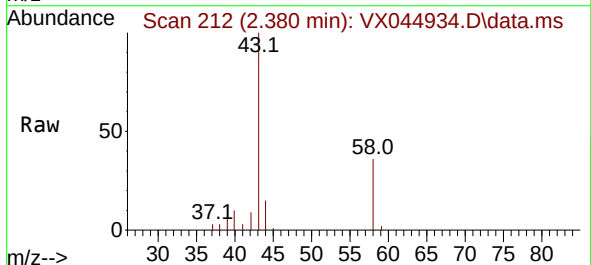
Tgt Ion: 53 Resp: 988
Ion Ratio Lower Upper
53 100
52 82.7 65.0 97.6
51 37.6 28.0 42.0

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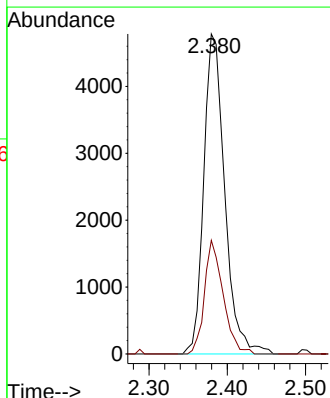
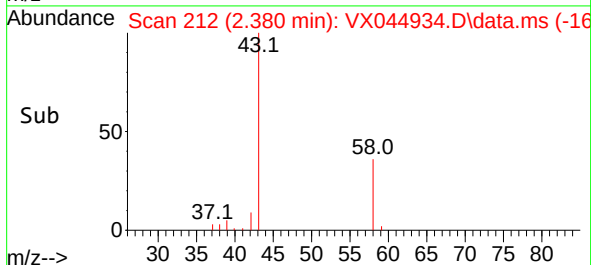
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

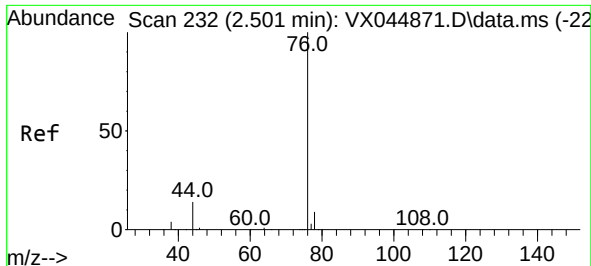


#16
Acetone
Concen: 14.531 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35



Tgt Ion: 43 Resp: 8886
Ion Ratio Lower Upper
43 100
58 35.5 26.5 39.7





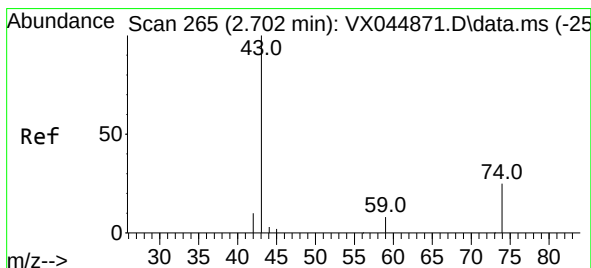
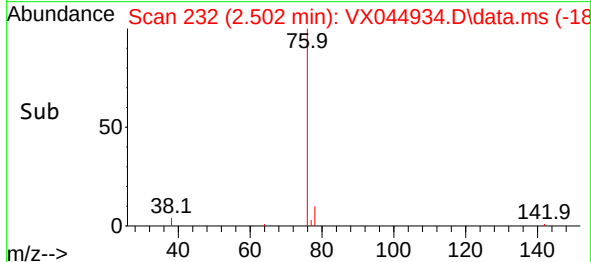
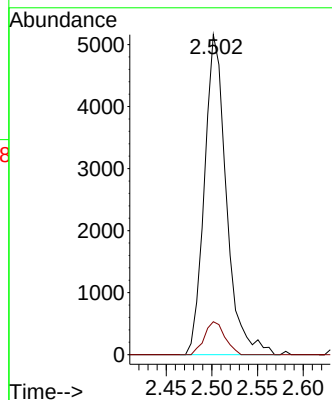
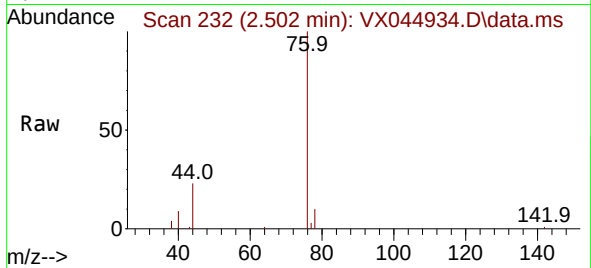
#17
Carbon Disulfide
Concen: 2.341 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion: 76 Resp: 859
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.4

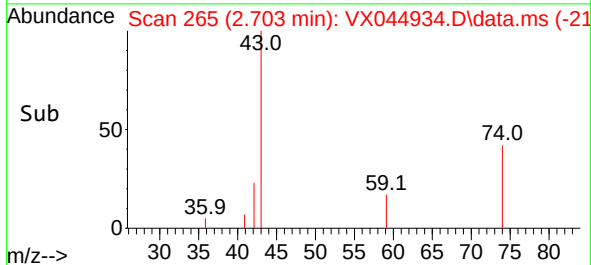
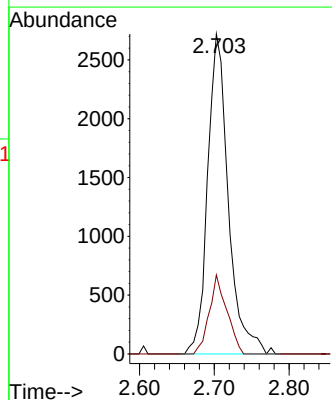
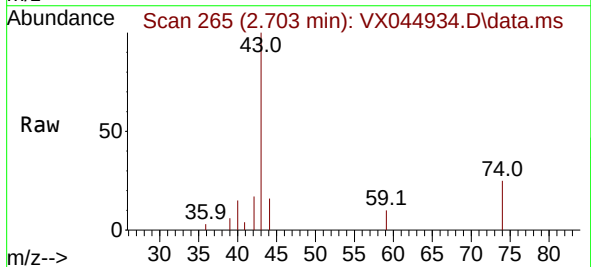
Manual Integrations
APPROVED

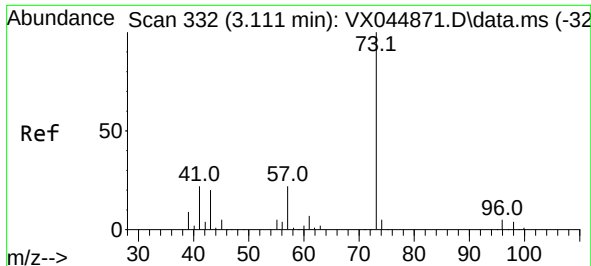
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#18
Methyl Acetate
Concen: 2.715 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

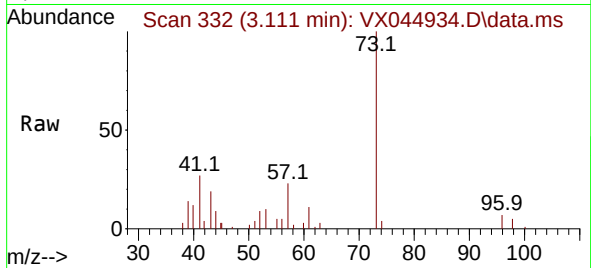
Tgt Ion: 43 Resp: 5239
Ion Ratio Lower Upper
43 100
74 21.0 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 2.611 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

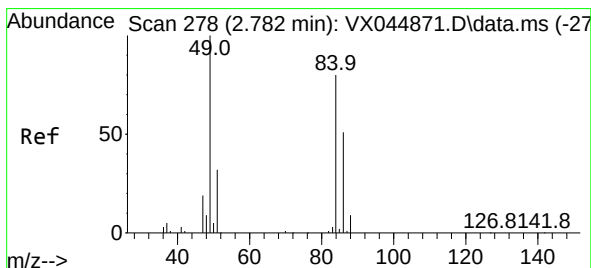
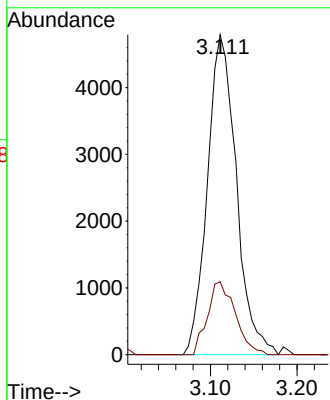
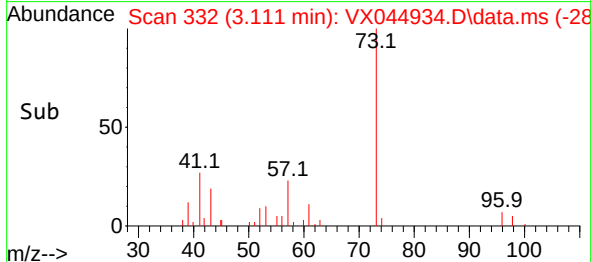
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 73 Resp: 11120
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9

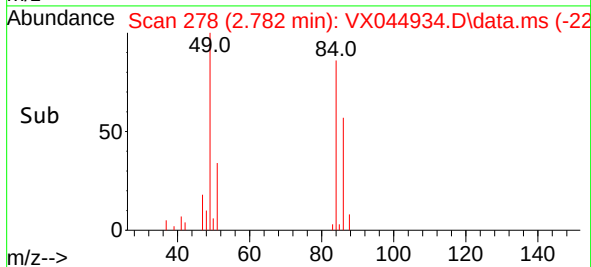
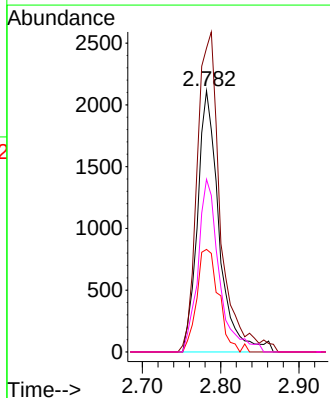
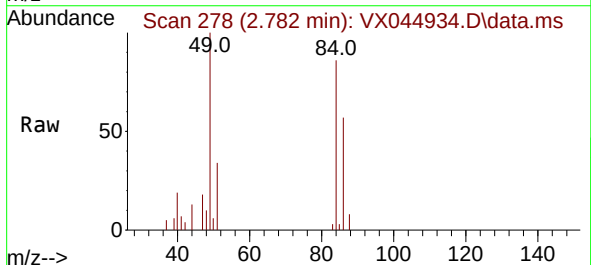
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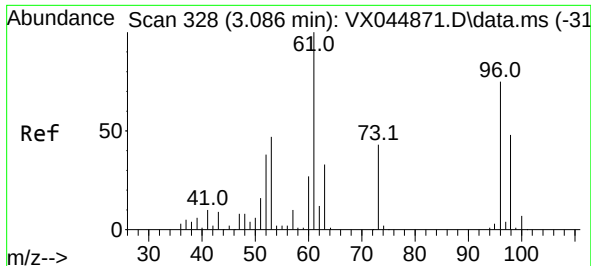
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#20
Methylene Chloride
Concen: 2.698 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

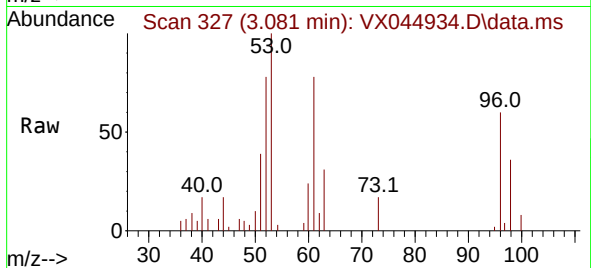
Tgt Ion: 84 Resp: 4041
Ion Ratio Lower Upper
84 100
49 116.3 100.1 150.1
51 39.3 31.7 47.5
86 66.1 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 2.641 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

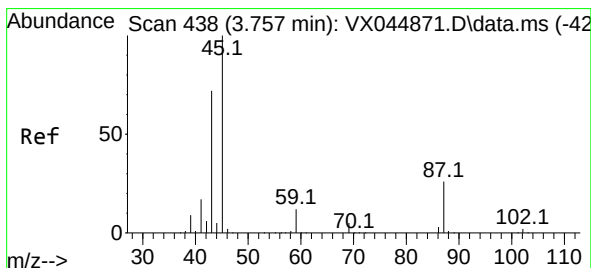
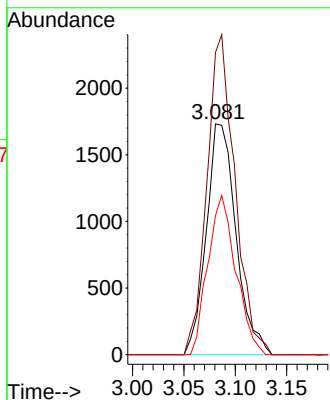
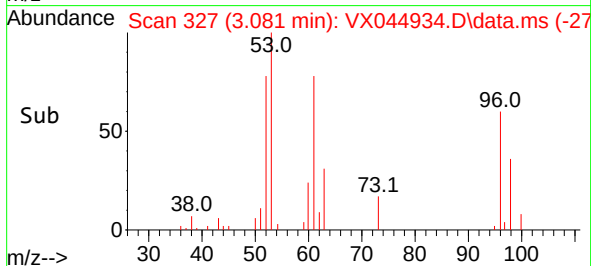
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 96 Resp: 348
Ion Ratio Lower Upper
96 100
61 130.9 106.0 159.0
98 60.3 50.6 76.0

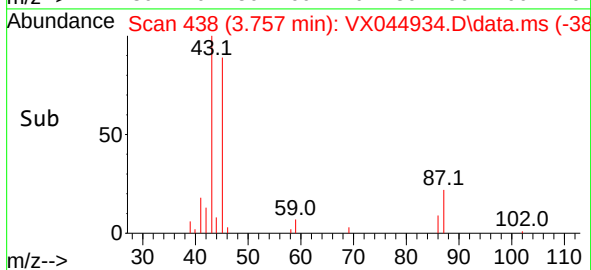
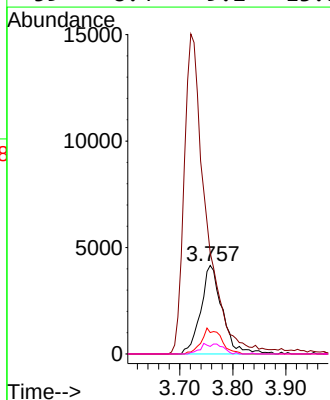
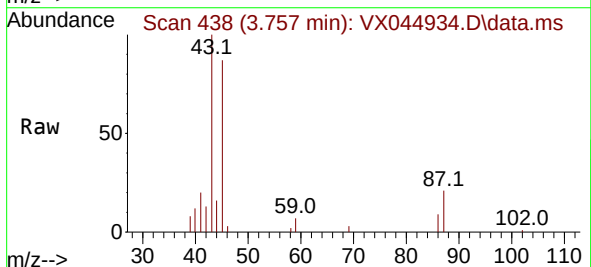
Manual Integrations
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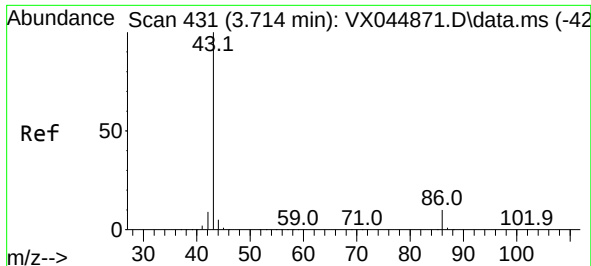
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#22
Diisopropyl ether
Concen: 2.557 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion: 45 Resp: 11712
Ion Ratio Lower Upper
45 100
43 110.0 58.0 87.0#
87 24.3 20.7 31.1
59 8.4 9.2 13.8#





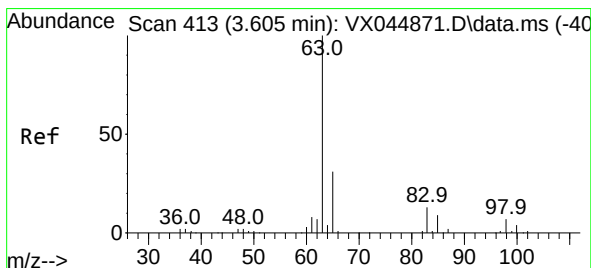
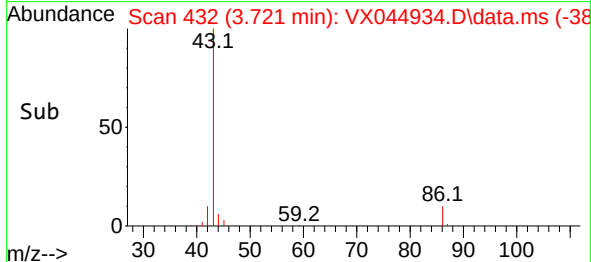
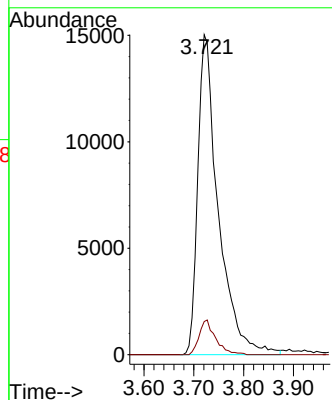
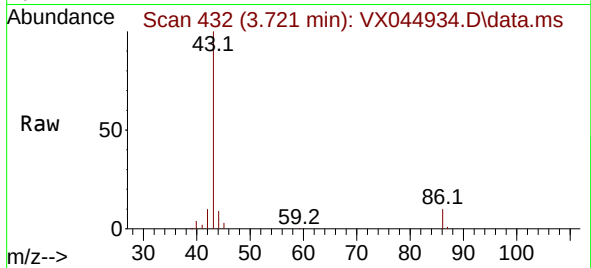
#23
 Vinyl Acetate
 Concen: 11.508 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

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

Tgt Ion: 43 Resp: 4296
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5

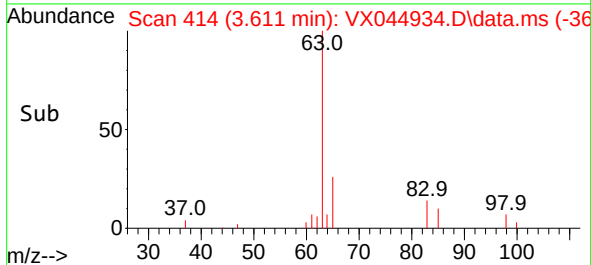
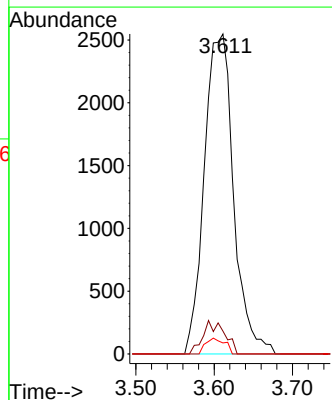
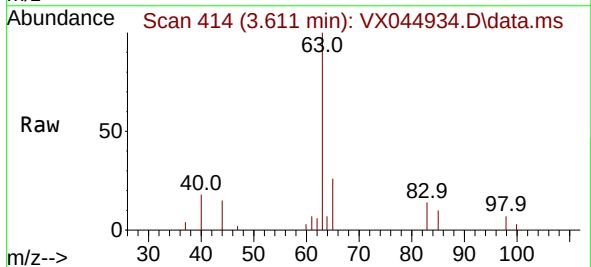
Manual Integrations
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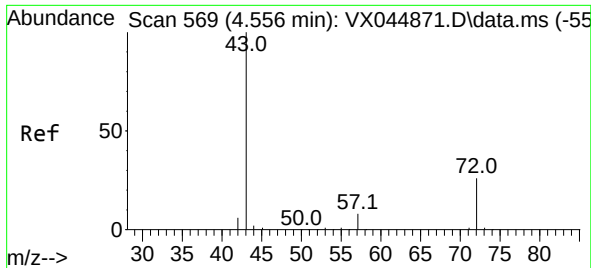
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#24
 1,1-Dichloroethane
 Concen: 2.583 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

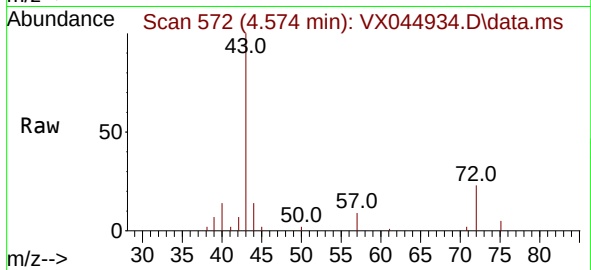
Tgt Ion: 63 Resp: 6620
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 3.5 2.1 6.5





#25
2-Butanone
Concen: 13.165 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

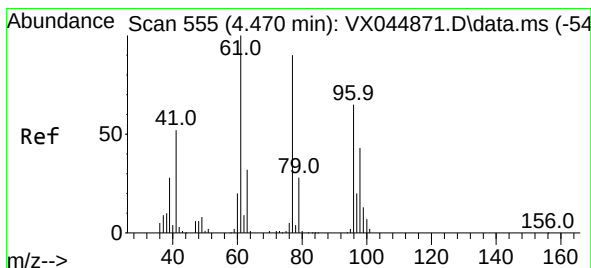
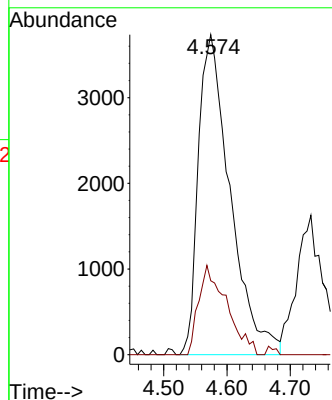
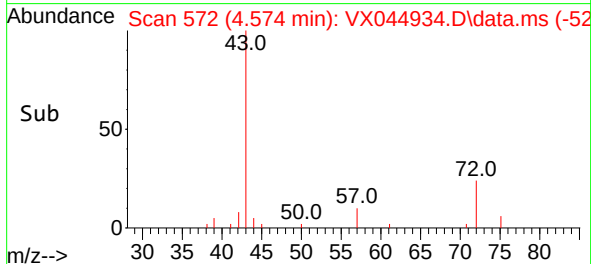
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
72 23.1 21.2 31.8

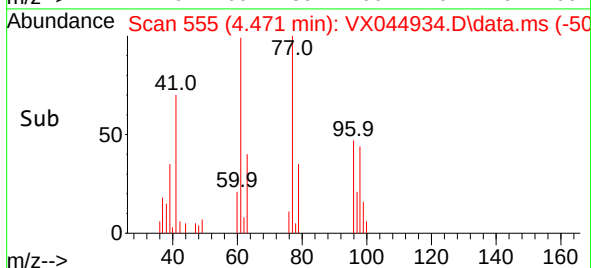
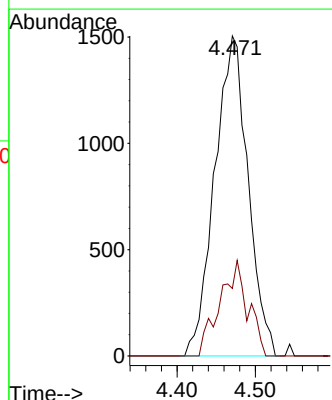
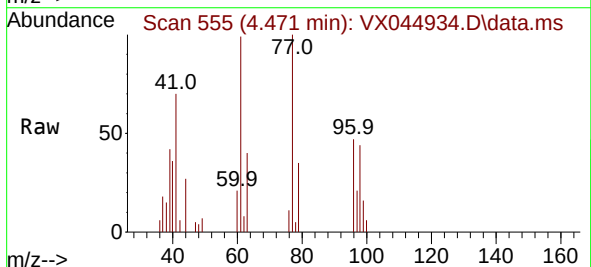
Manual Integrations
APPROVED

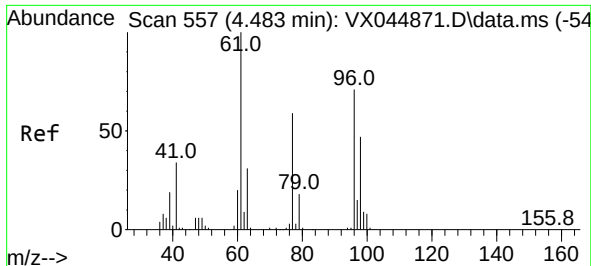
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#26
2,2-Dichloropropane
Concen: 2.191 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion: 77 Resp: 4453
Ion Ratio Lower Upper
77 100
97 25.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 2.721 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

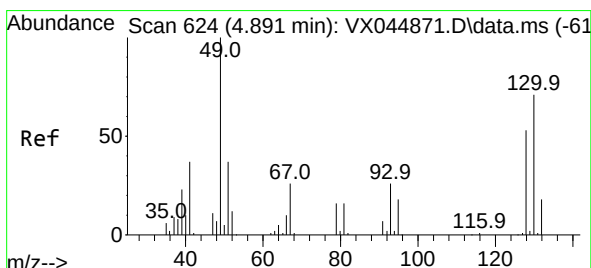
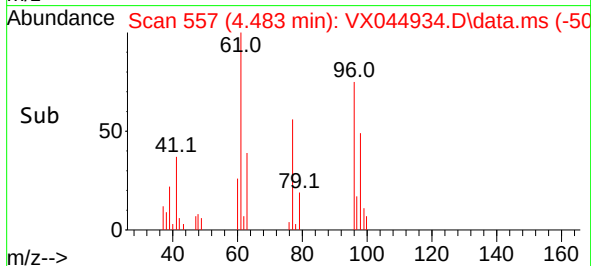
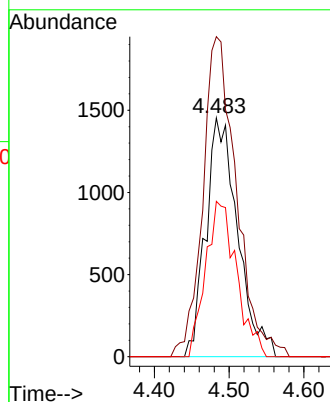
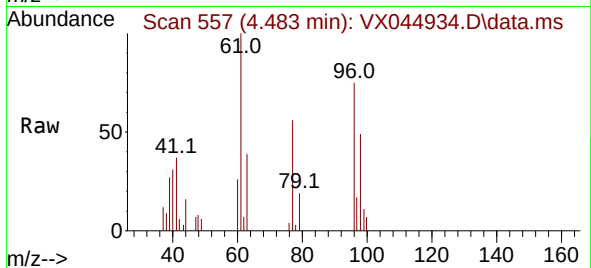
Tgt Ion: 96	Resp: 4308
Ion Ratio	Lower Upper
96 100	
61 140.9	0.0 294.0
98 63.0	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#28

Bromochloromethane

Concen: 2.526 ug/l

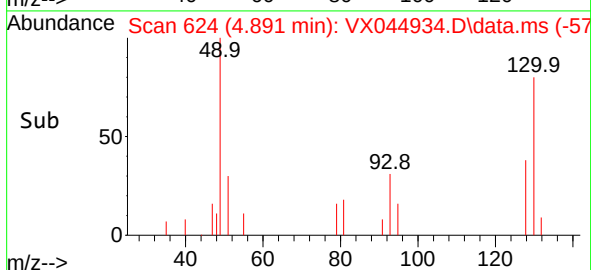
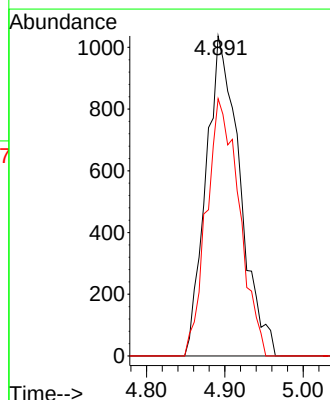
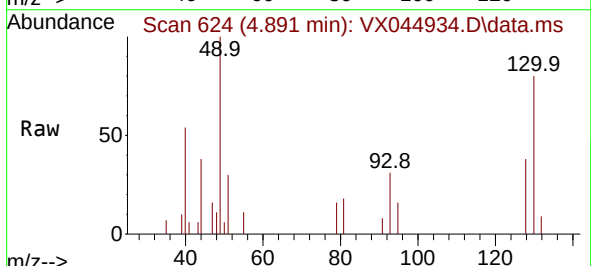
RT: 4.891 min Scan# 624

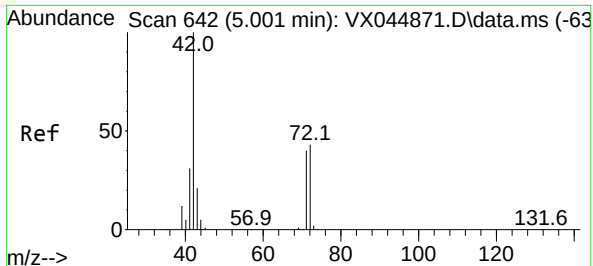
Delta R.T. 0.000 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Tgt Ion: 49	Resp: 3111
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.6
130 77.7	56.7 85.1





#29

Tetrahydrofuran

Concen: 14.259 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.019 min

Lab File: VX044934.D

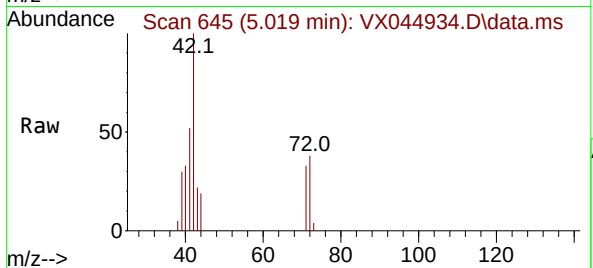
Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



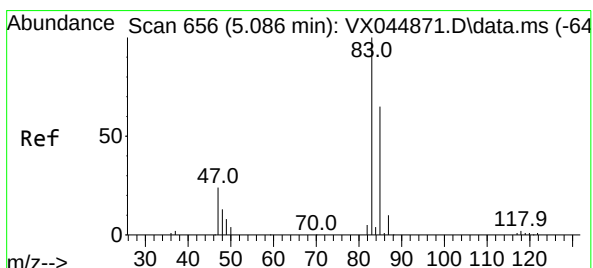
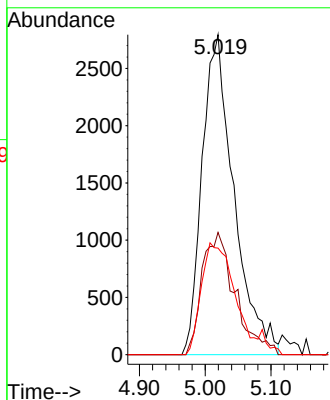
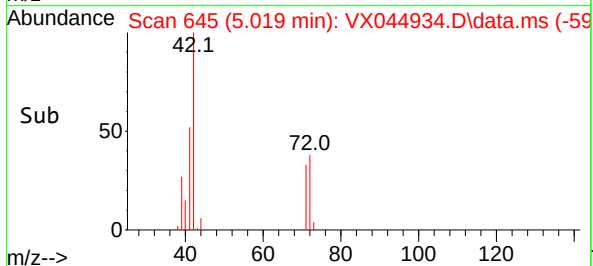
Tgt Ion:	42	Resp:	940
Ion Ratio	Lower	Upper	
42	100		
72	39.7	35.0	52.4
71	36.6	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 2.702 ug/l

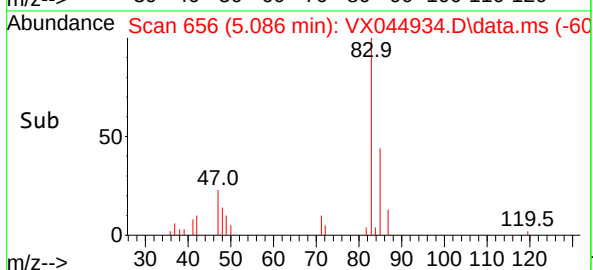
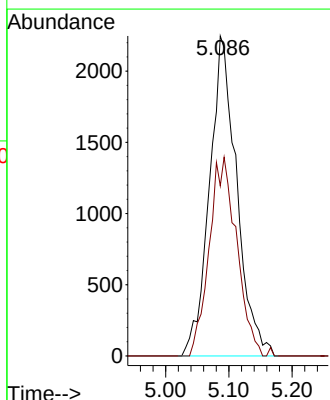
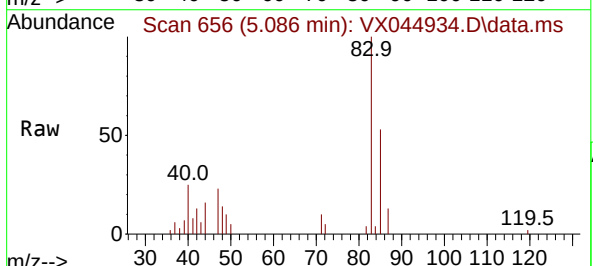
RT: 5.086 min Scan# 656

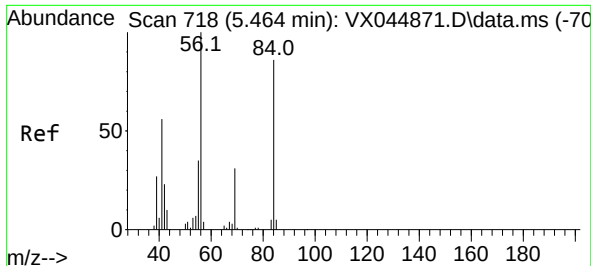
Delta R.T. 0.000 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

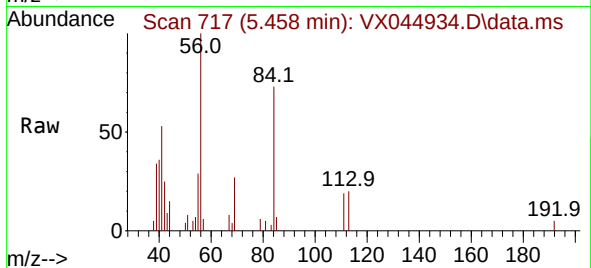
Tgt Ion:	83	Resp:	6715
Ion Ratio	Lower	Upper	
83	100		
85	53.1	52.1	78.1





#31
Cyclohexane
Concen: 2.585 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

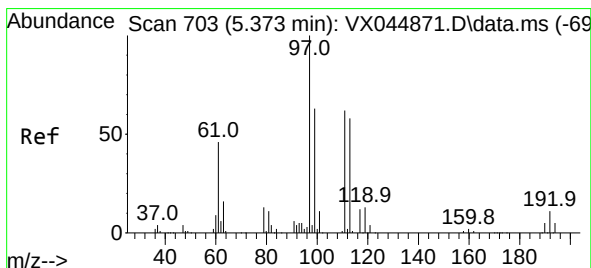
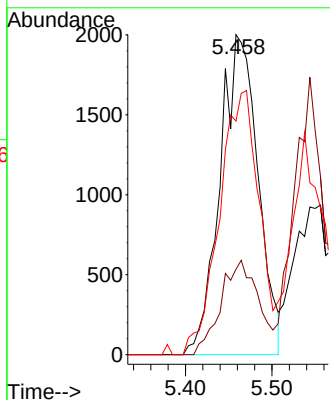
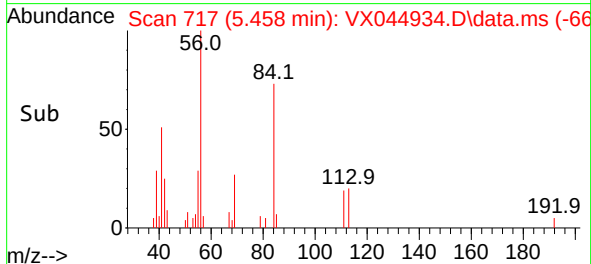
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 56 Resp: 610
Ion Ratio Lower Upper
56 100
69 26.7 24.4 36.6
84 73.0 69.0 103.6

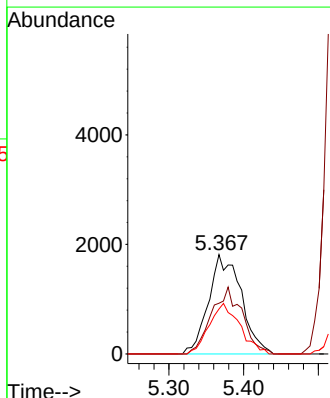
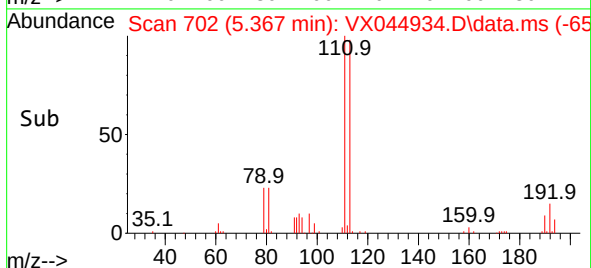
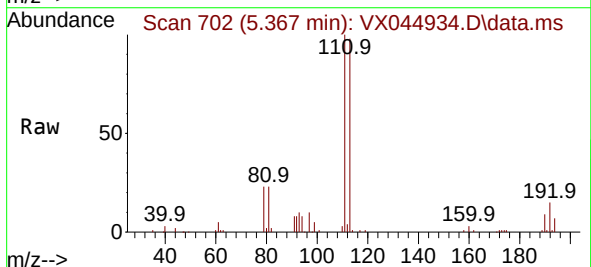
Manual Integrations
APPROVED

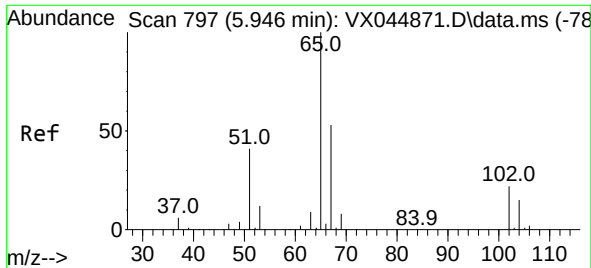
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#32
1,1,1-Trichloroethane
Concen: 2.614 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion: 97 Resp: 5511
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 47.7 36.6 55.0





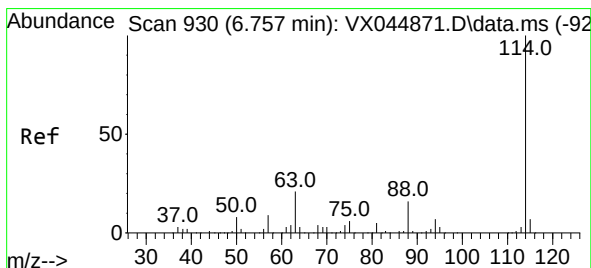
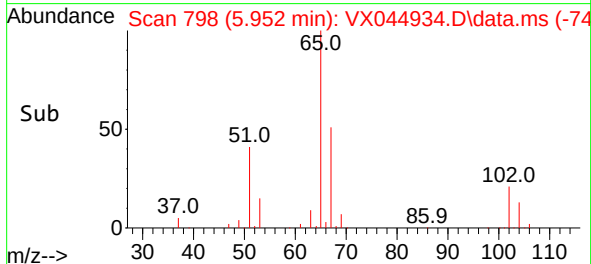
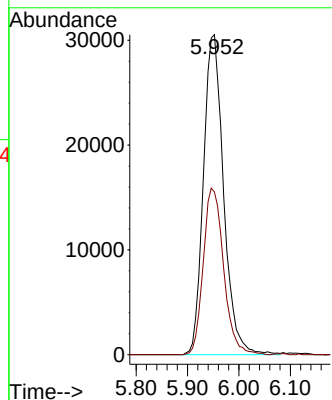
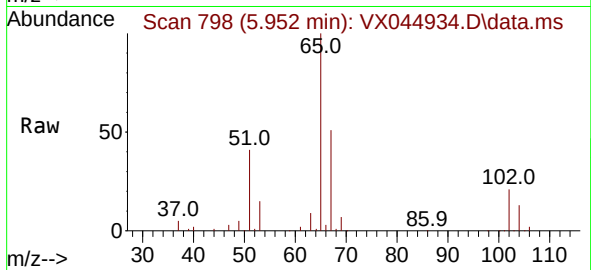
#33
 1,2-Dichloroethane-d4
 Concen: 54.771 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

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

Tgt Ion: 65 Resp: 83318
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 108.2

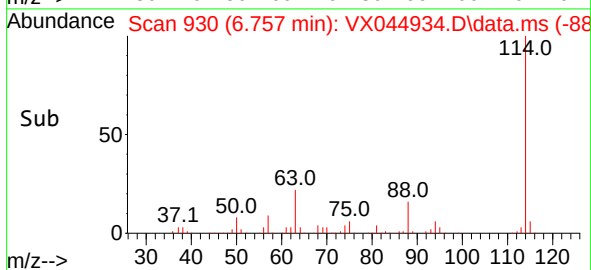
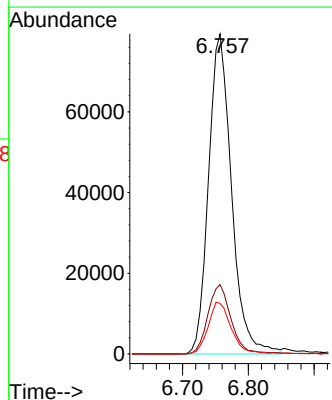
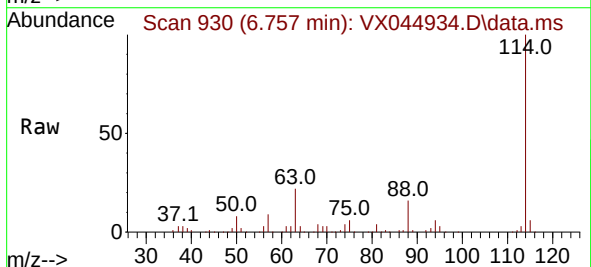
Manual Integrations
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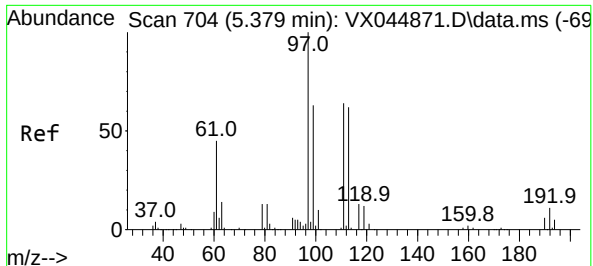
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

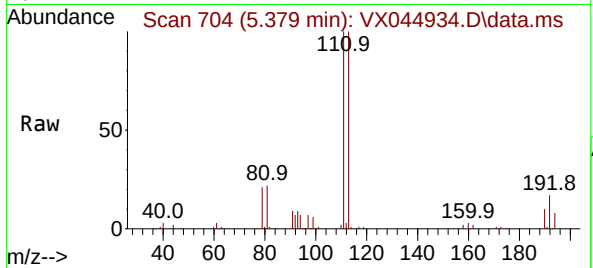
Tgt Ion:114 Resp: 192847
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 15.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.982 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

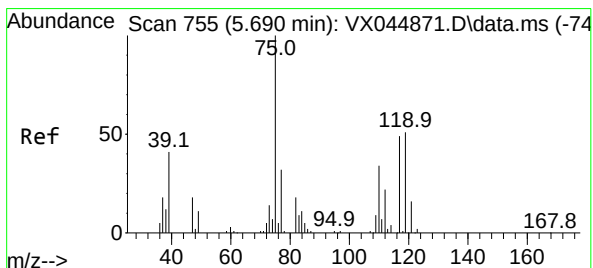
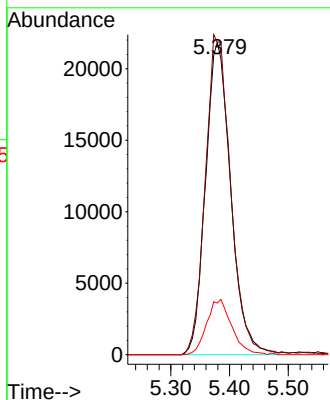
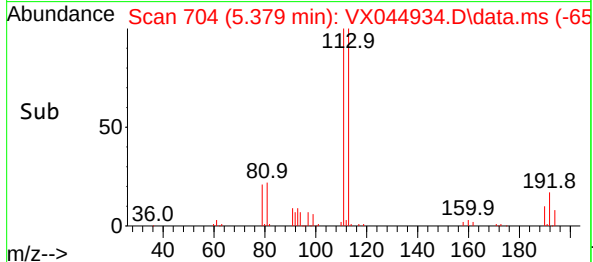
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 113 Resp: 65170
Ion Ratio Lower Upper
113 100
111 102.7 83.5 125.3
192 17.5 14.4 21.6

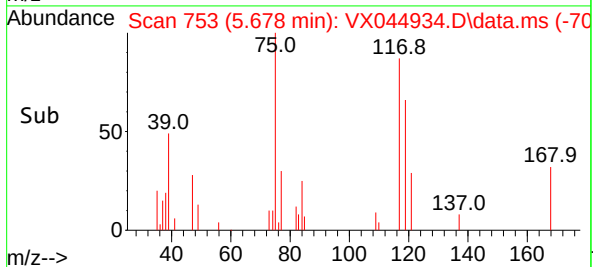
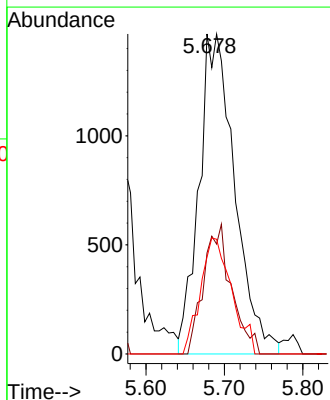
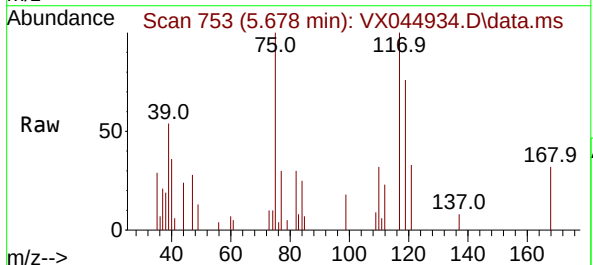
Manual Integrations
APPROVED

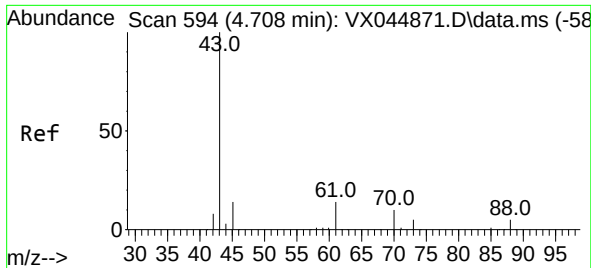
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#36
1,1-Dichloropropene
Concen: 2.568 ug/l m
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion: 75 Resp: 4646
Ion Ratio Lower Upper
75 100
110 31.7 17.2 51.6
77 31.6 24.6 37.0





#37

Ethyl Acetate

Concen: 2.562 ug/l m

RT: 4.733 min Scan# 594

Delta R.T. 0.025 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

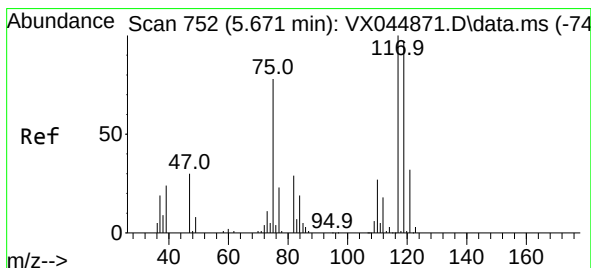
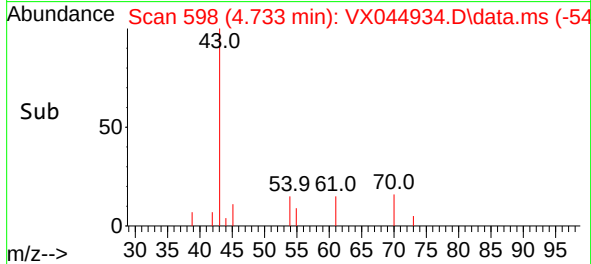
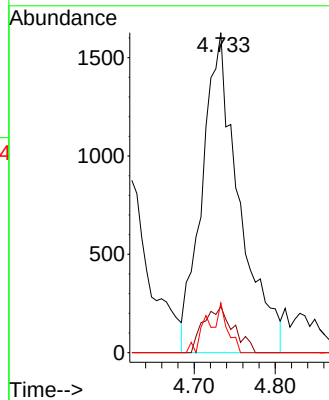
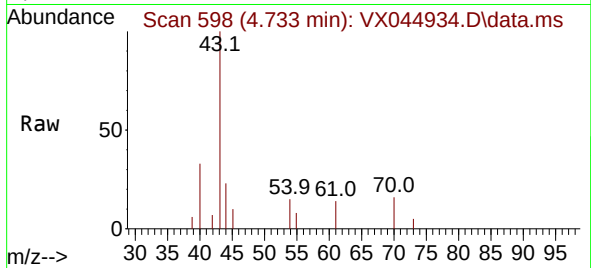
Tgt Ion: 43	Resp: 5154
Ion Ratio	Lower Upper
43 100	
61 11.7	11.0 16.4
70 4.7	8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#38

Carbon Tetrachloride

Concen: 2.653 ug/l

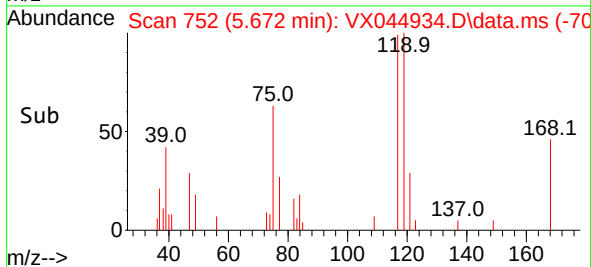
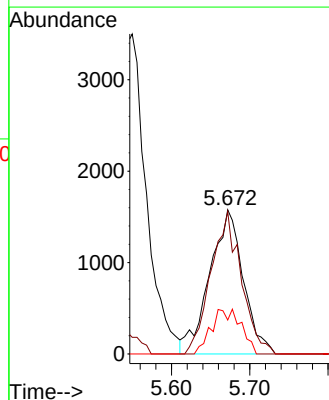
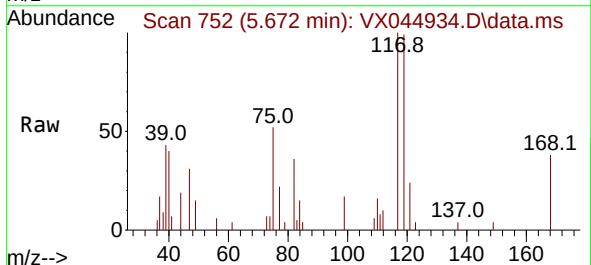
RT: 5.672 min Scan# 752

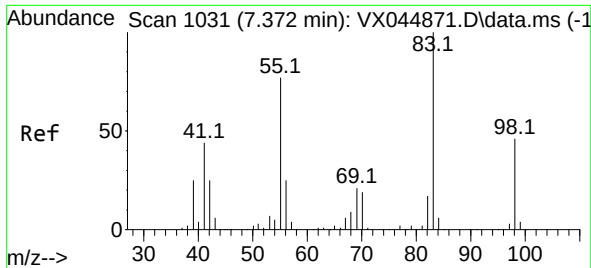
Delta R.T. 0.000 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Tgt Ion: 117	Resp: 4702
Ion Ratio	Lower Upper
117 100	
119 98.7	77.5 116.3
121 23.6	25.6 38.4





#39

Methylcyclohexane

Concen: 2.413 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 83 Resp: 564

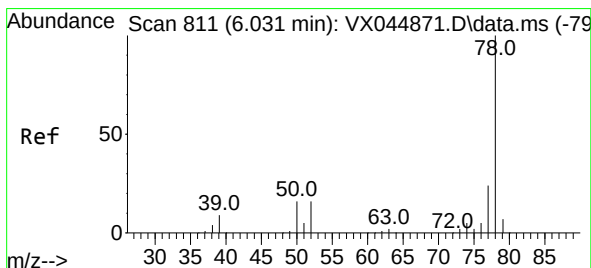
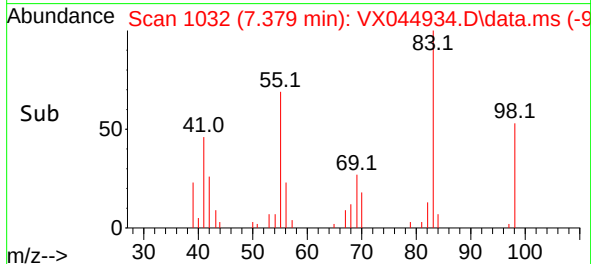
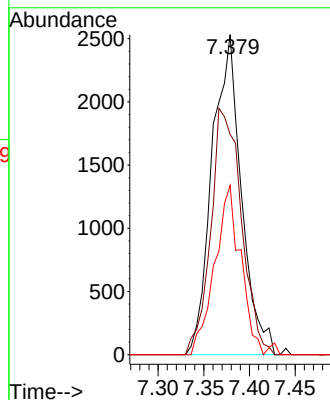
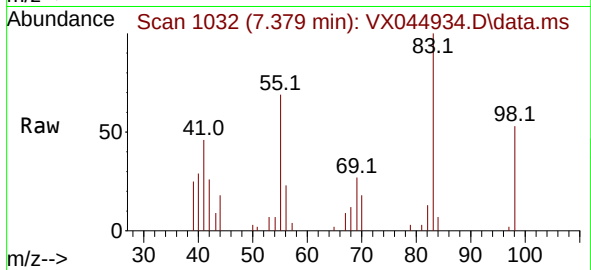
Ion	Ratio	Lower	Upper
83	100		
55	68.8	61.3	91.9
98	52.9	37.0	55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#40

Benzene

Concen: 2.604 ug/l

RT: 6.037 min Scan# 812

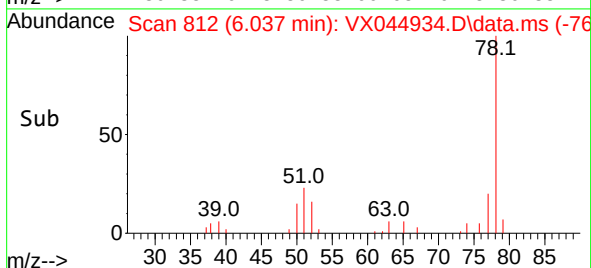
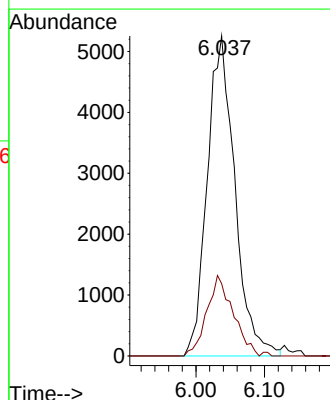
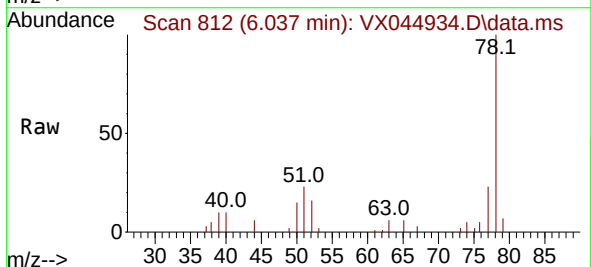
Delta R.T. 0.006 min

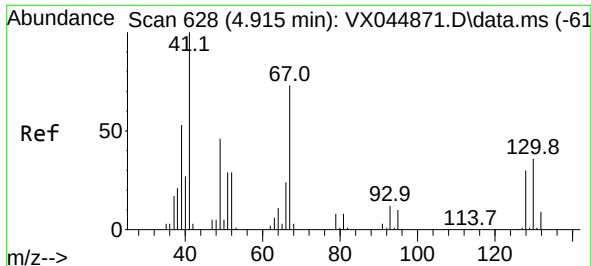
Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Tgt Ion: 78 Resp: 14711

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.6





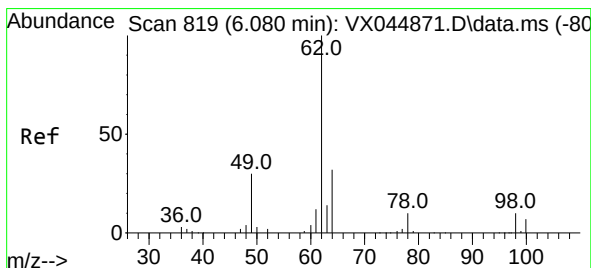
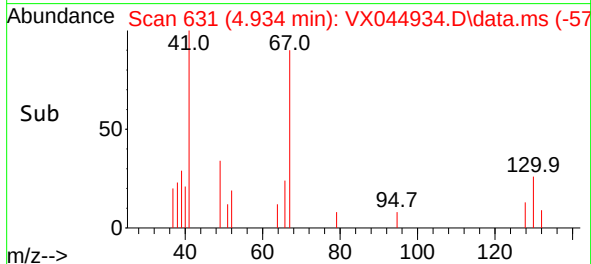
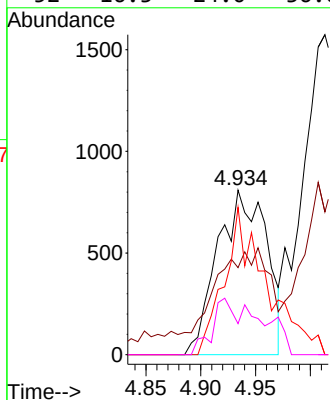
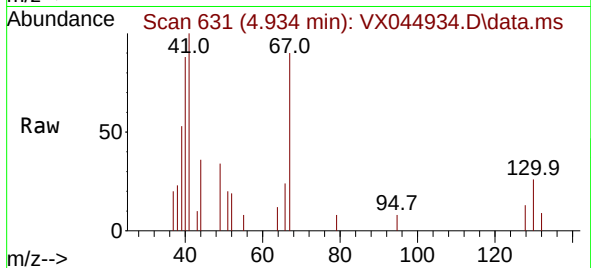
#41
Methacrylonitrile
Concen: 2.337 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.019 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion: 41	Resp: 251
Ion Ratio	Lower Upper
41 100	
39 0.0	43.1 64.7
67 77.3	57.0 85.6
52 16.3	24.0 36.0

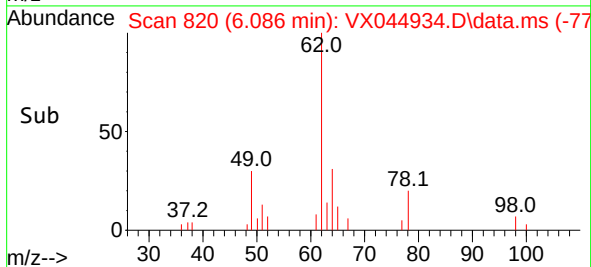
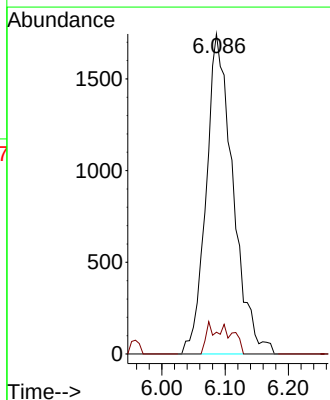
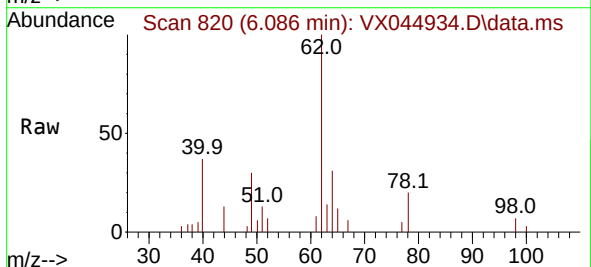
Manual Integrations
APPROVED

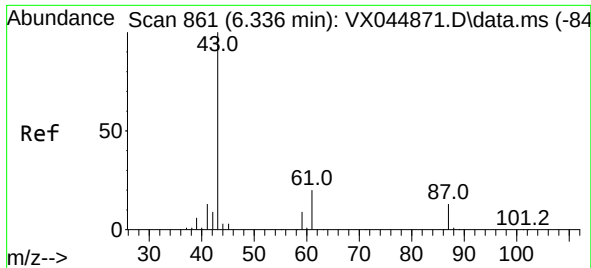
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#42
1,2-Dichloroethane
Concen: 2.852 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

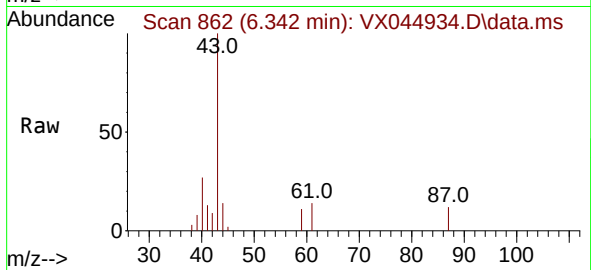
Tgt Ion: 62	Resp: 5134
Ion Ratio	Lower Upper
62 100	
98 4.1	0.0 19.4





#43
Isopropyl Acetate
Concen: 2.437 ug/l m
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

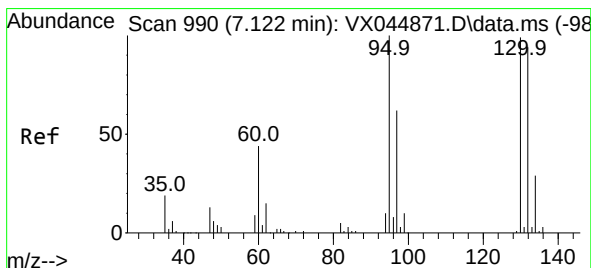
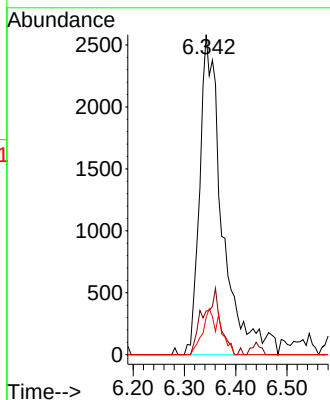
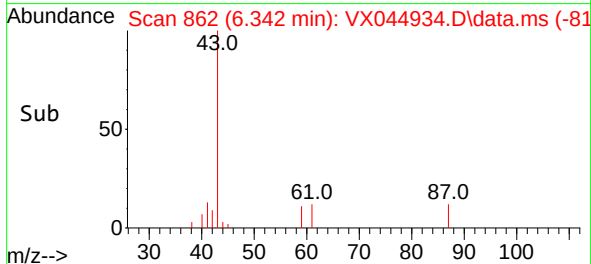
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 7919
Ion Ratio Lower Upper
43 100
61 15.7 15.8 23.8
87 11.2 10.0 15.0

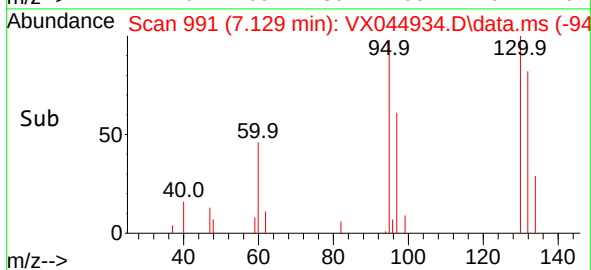
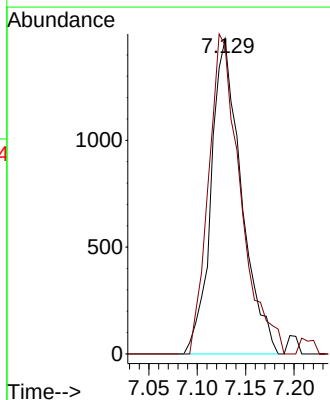
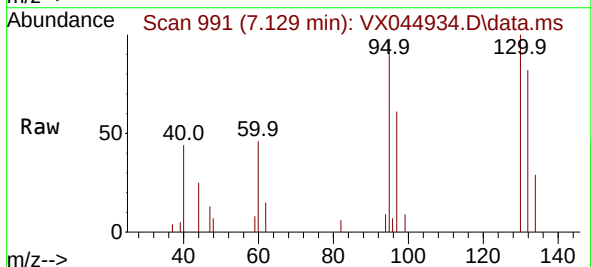
Manual Integrations
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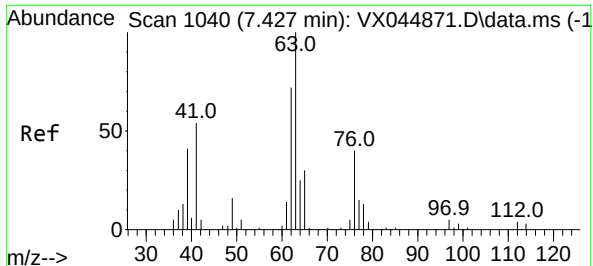
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#44
Trichloroethene
Concen: 2.485 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion:130 Resp: 3209
Ion Ratio Lower Upper
130 100
95 98.1 0.0 202.4





#45

1,2-Dichloropropane

Concen: 2.607 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 63 Resp: 366

Ion Ratio Lower Upper

63 100

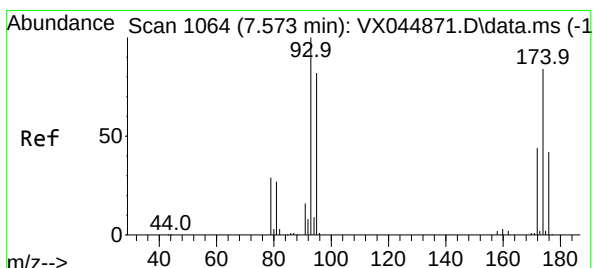
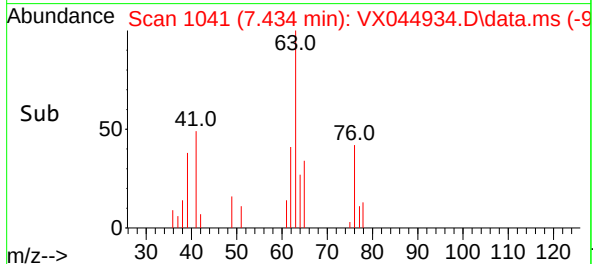
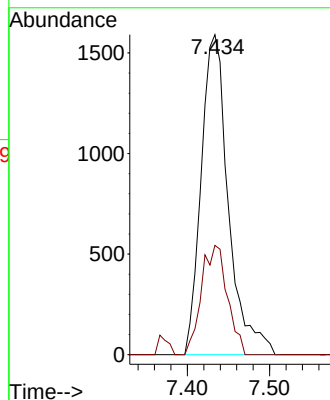
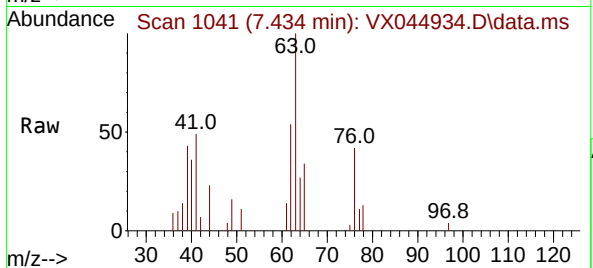
65 34.1 24.2 36.4

Manual Integrations

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Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#46

Dibromomethane

Concen: 2.695 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.013 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

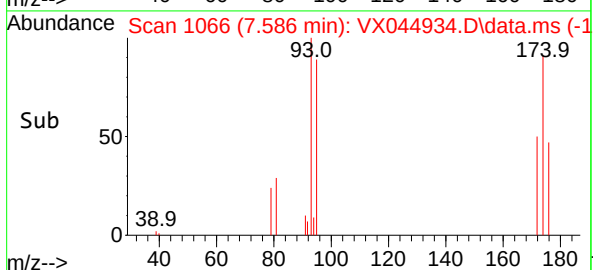
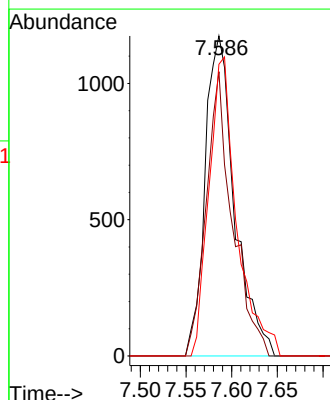
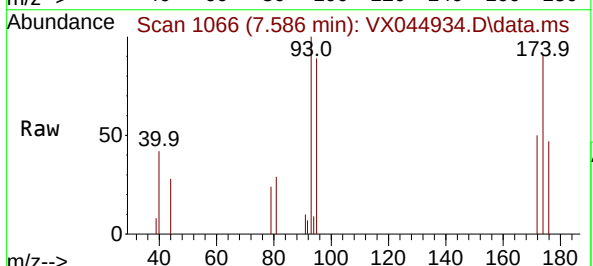
Tgt Ion: 93 Resp: 2626

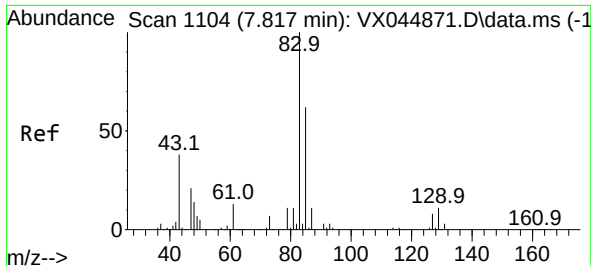
Ion Ratio Lower Upper

93 100

95 79.6 66.2 99.4

174 88.6 69.9 104.9





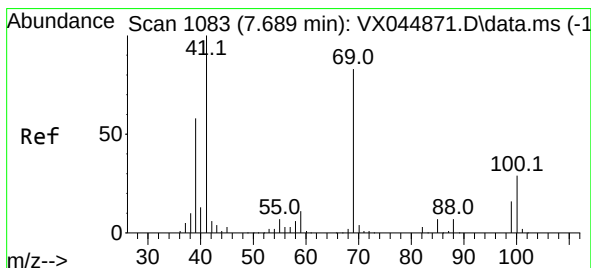
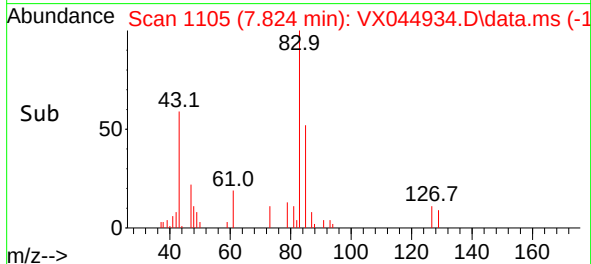
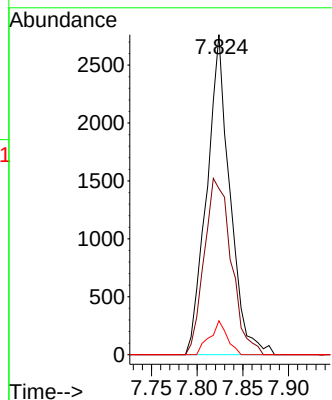
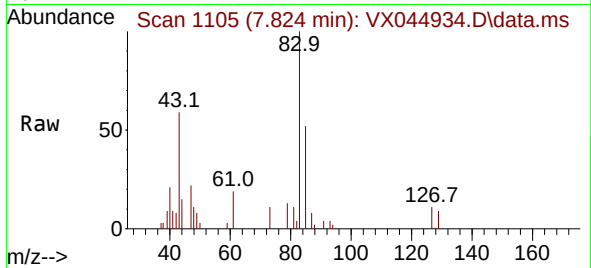
#47
Bromodichloromethane
Concen: 2.578 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion: 83 Resp: 486
Ion Ratio Lower Upper
83 100
85 51.9 50.0 75.0
127 10.6 6.4 9.6

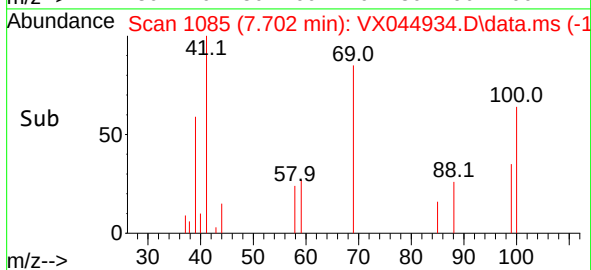
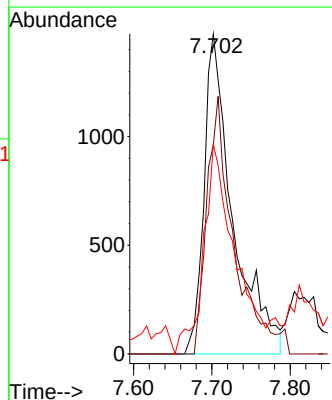
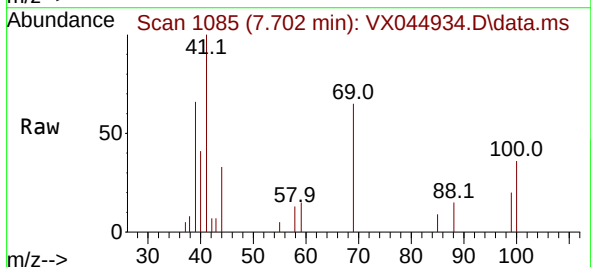
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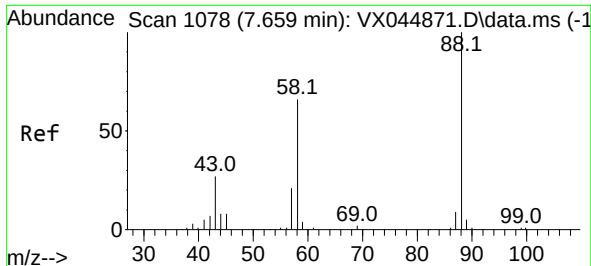
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#48
Methyl methacrylate
Concen: 2.459 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.013 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion: 41 Resp: 3767
Ion Ratio Lower Upper
41 100
69 75.9 65.8 98.8
39 70.4 46.4 69.6





#49

1,4-Dioxane

Concen: 53.424 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.013 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

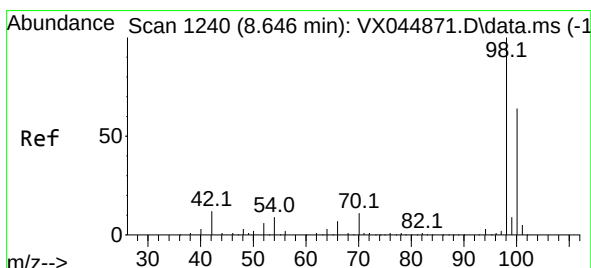
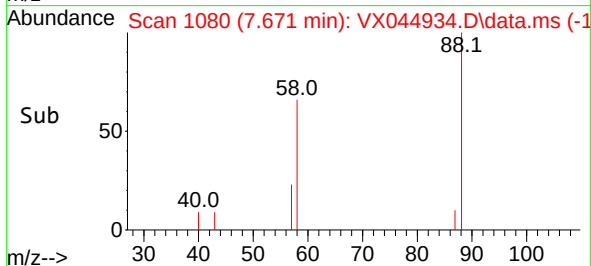
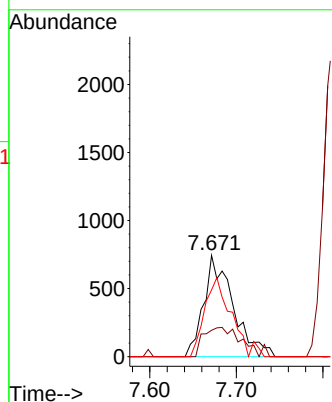
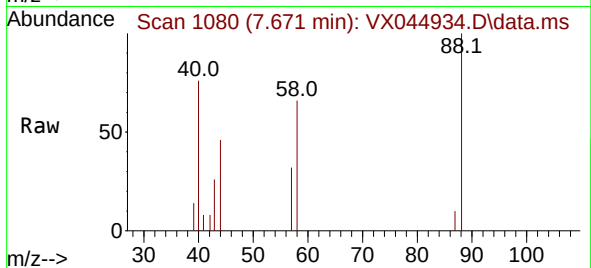
Tgt Ion: 88	Resp: 1750
Ion Ratio	Lower Upper
88 100	
43 37.6	26.6 39.8
58 71.2	55.9 83.9

Manual Integrations

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Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#50

Toluene-d8

Concen: 51.355 ug/l

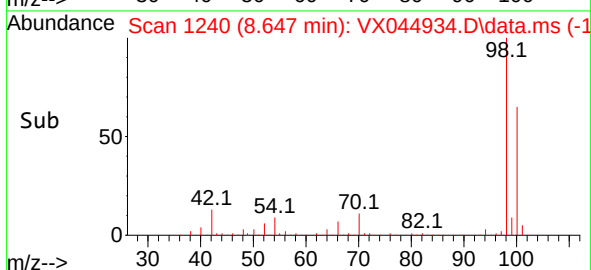
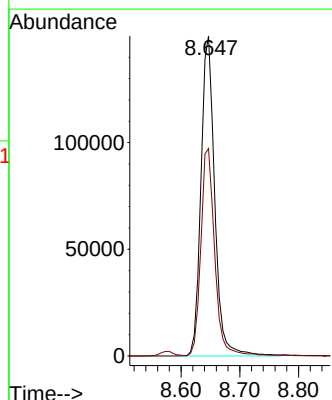
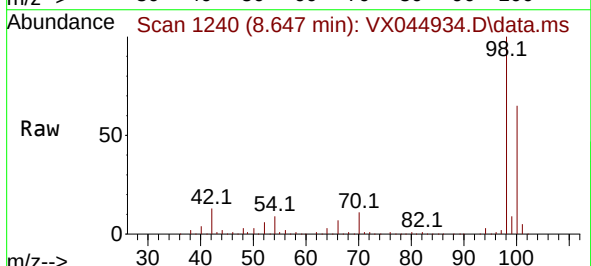
RT: 8.647 min Scan# 1240

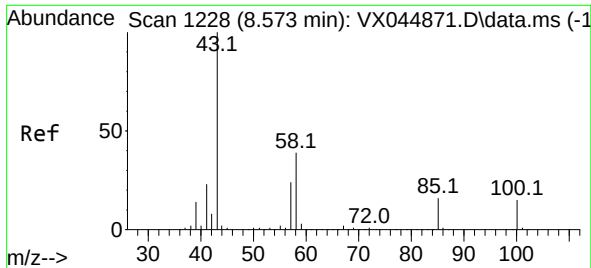
Delta R.T. 0.000 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Tgt Ion: 98	Resp: 243485
Ion Ratio	Lower Upper
98 100	
100 65.4	52.7 79.1





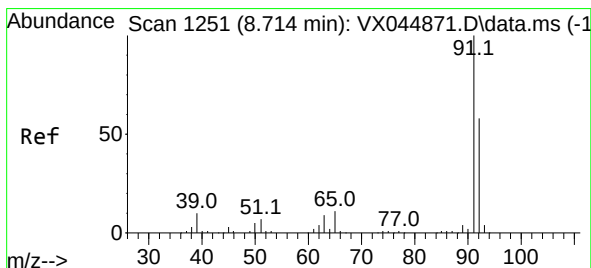
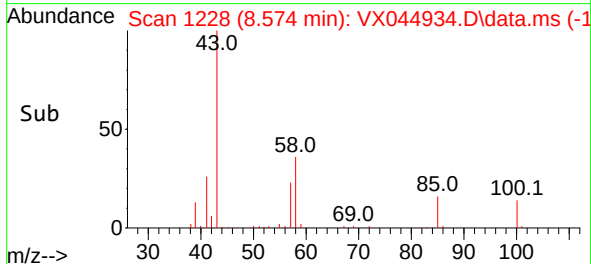
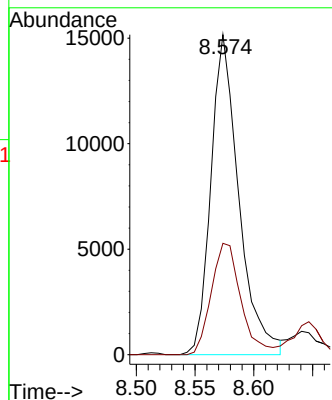
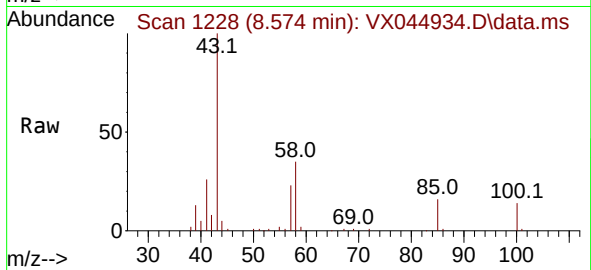
#51
4-Methyl-2-Pentanone
Concen: 12.700 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion: 43 Resp: 2508
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2

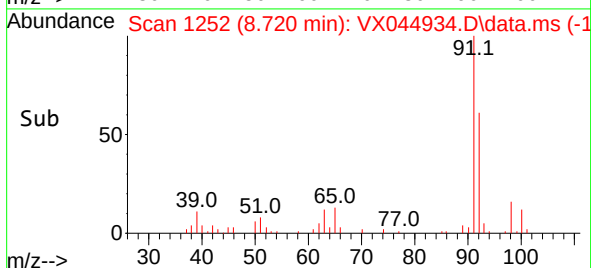
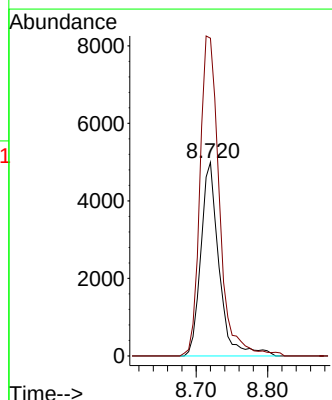
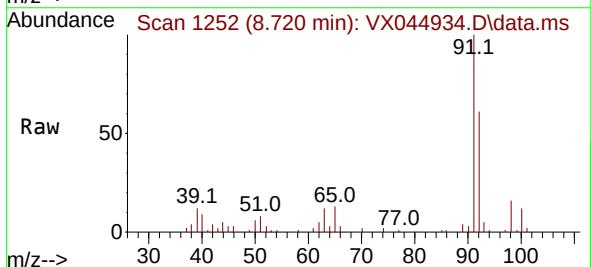
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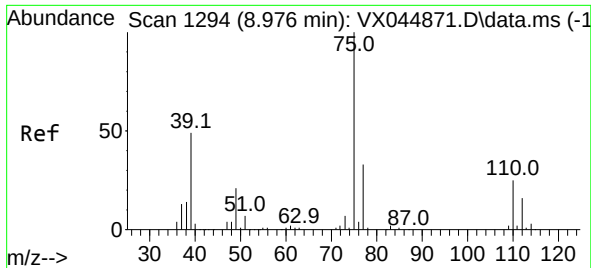
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#52
Toluene
Concen: 2.626 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion: 92 Resp: 8834
Ion Ratio Lower Upper
92 100
91 175.5 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 2.041 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 75 Resp: 389

Ion Ratio Lower Upper

75 100

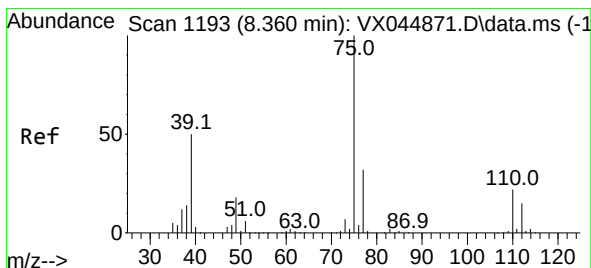
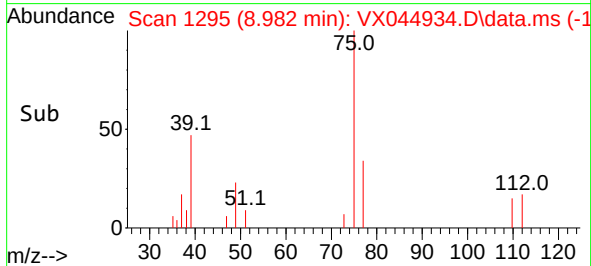
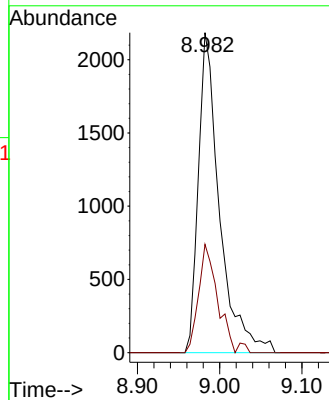
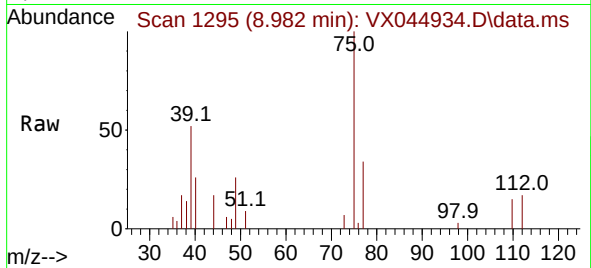
77 33.8 26.0 39.0

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: 2.214 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

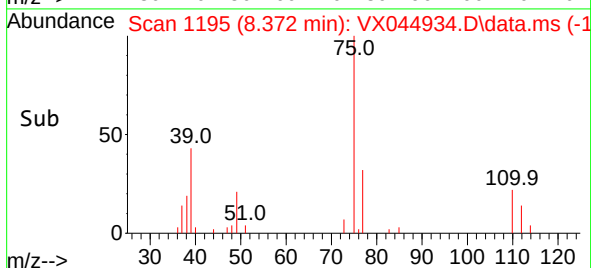
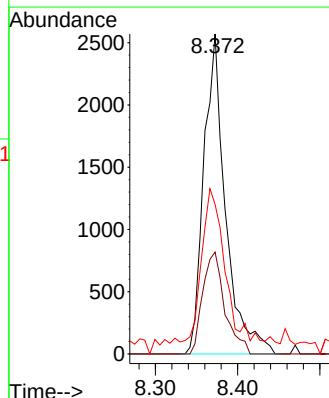
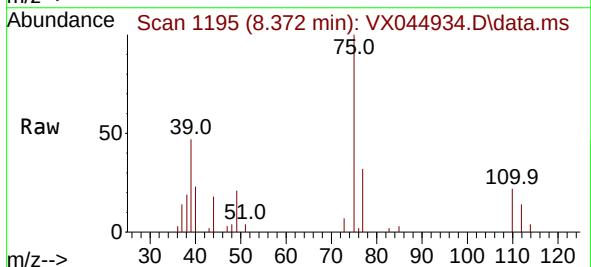
Tgt Ion: 75 Resp: 4714

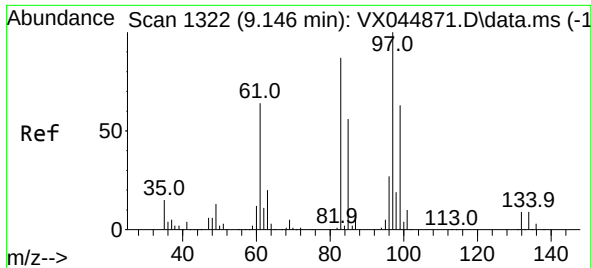
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

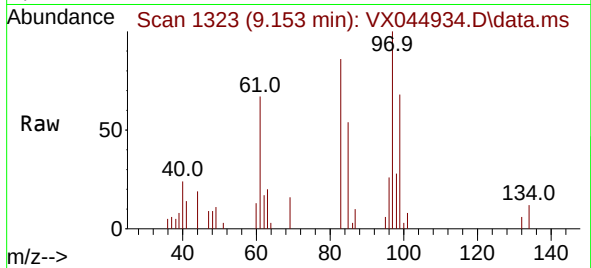
39 43.6 40.0 60.0





#55
 1,1,2-Trichloroethane
 Concen: 2.651 ug/l
 RT: 9.153 min Scan# 1322
 Delta R.T. 0.006 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

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

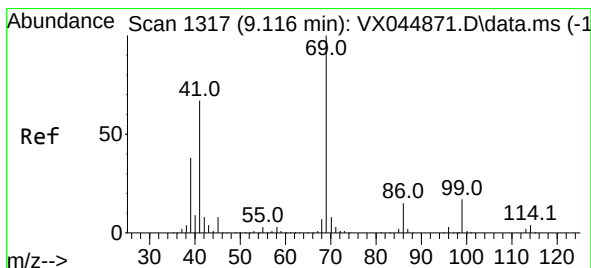
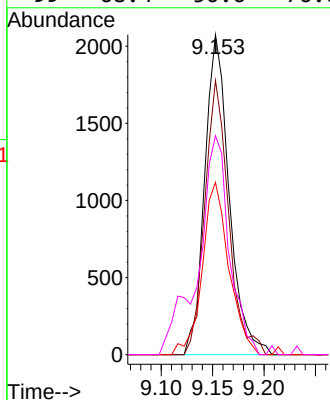
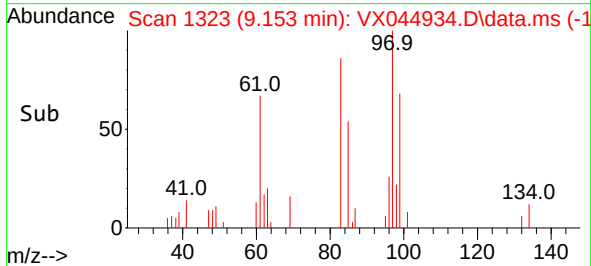


Tgt Ion: 97 Resp: 3428

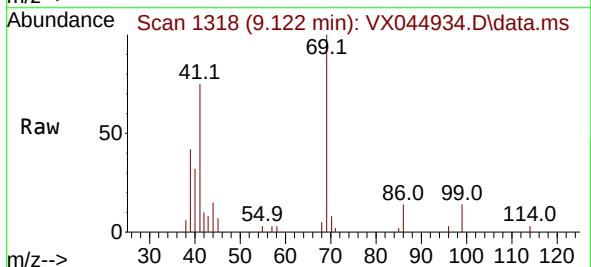
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.8	104.6
85	51.4	44.8	67.2
99	68.4	50.6	76.0

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

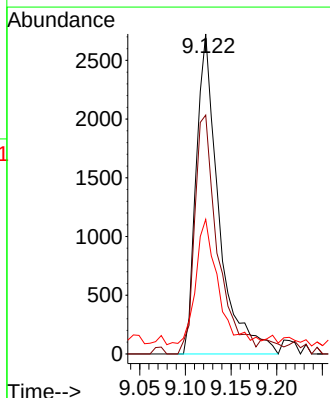
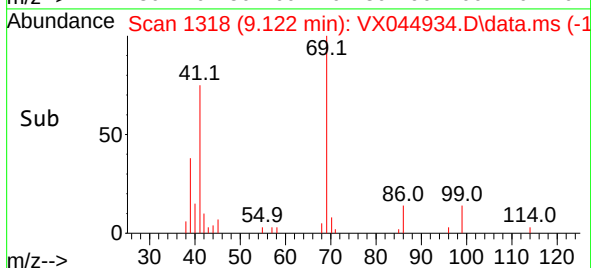


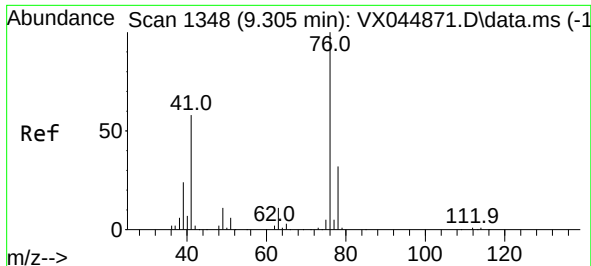
#56
 Ethyl methacrylate
 Concen: 2.250 ug/l
 RT: 9.122 min Scan# 1318
 Delta R.T. 0.006 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35



Tgt Ion: 69 Resp: 4700

Ion	Ratio	Lower	Upper
69	100		
41	75.7	55.2	82.8
39	37.7	30.8	46.2





#57

1,3-Dichloropropane

Concen: 2.520 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 76 Resp: 570

Ion Ratio Lower Upper

76 100

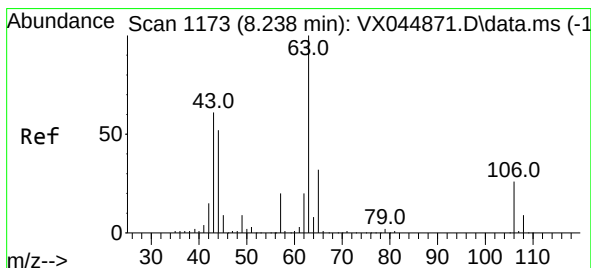
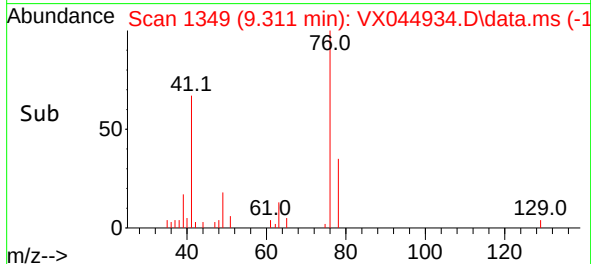
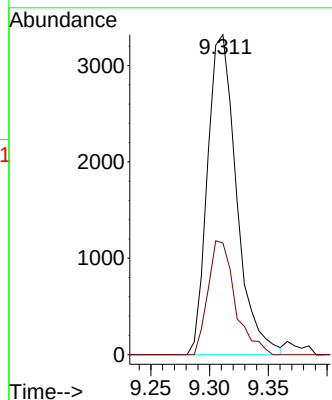
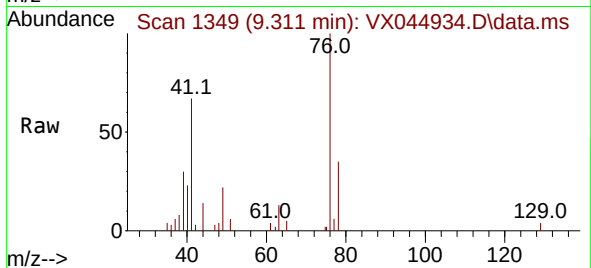
78 33.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 11.410 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX044934.D

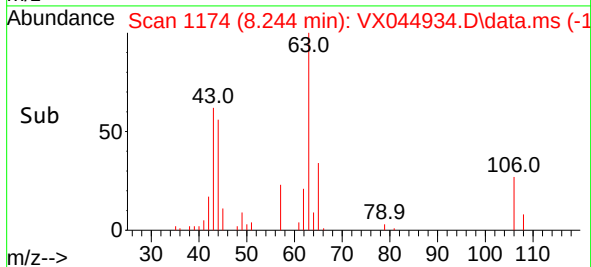
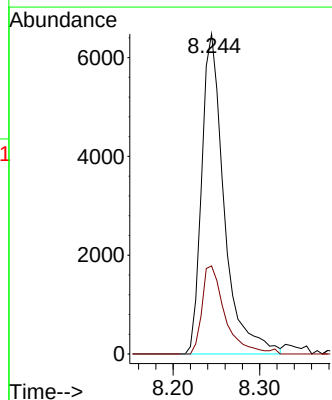
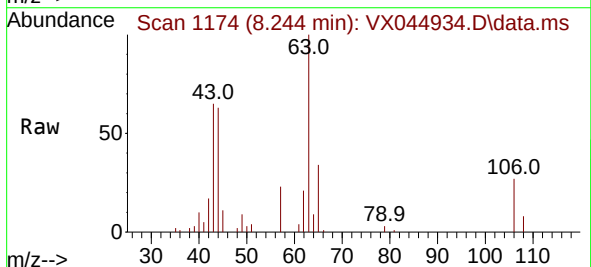
Acq: 12 Feb 2025 15:35

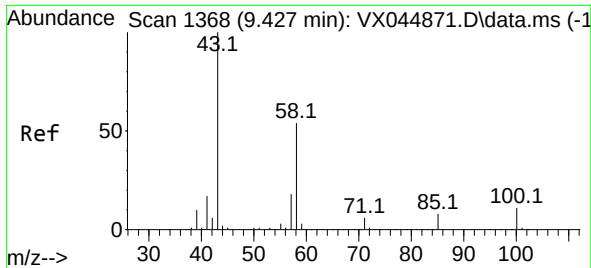
Tgt Ion: 63 Resp: 11701

Ion Ratio Lower Upper

63 100

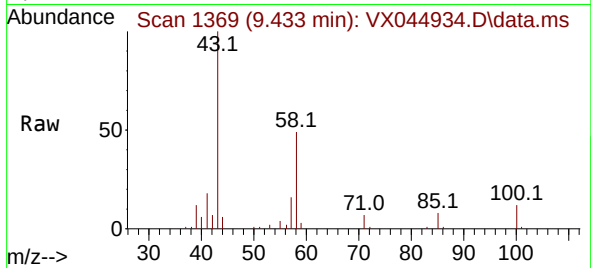
106 28.2 21.3 31.9





#59
2-Hexanone
Concen: 12.428 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

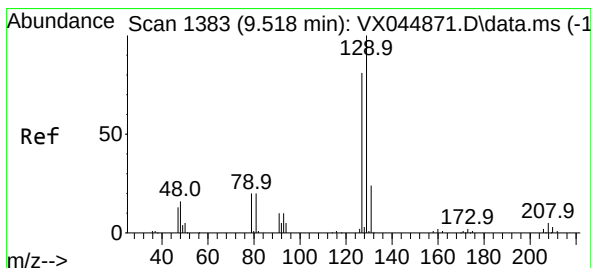
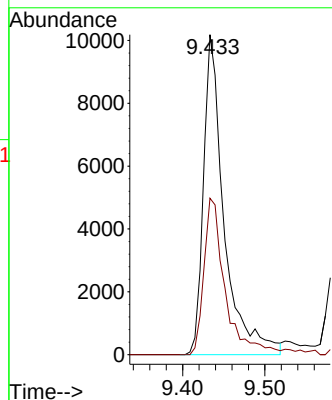
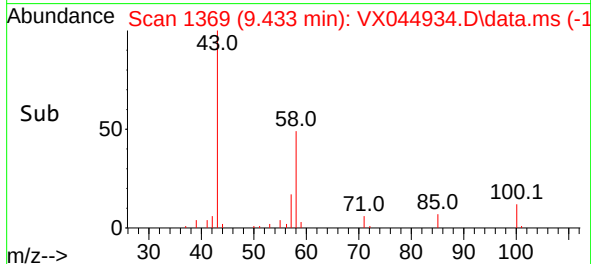
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
58 50.2 27.5 82.4

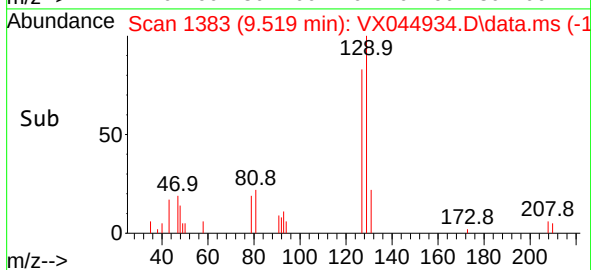
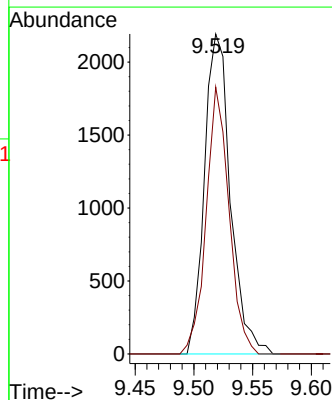
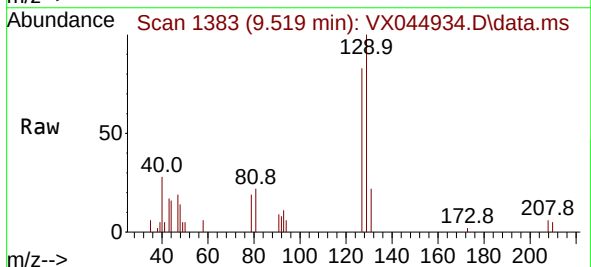
Manual Integrations
APPROVED

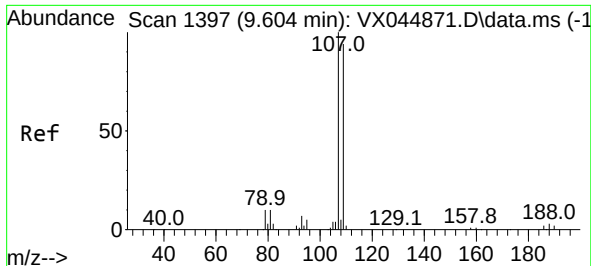
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#60
Dibromochloromethane
Concen: 2.436 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

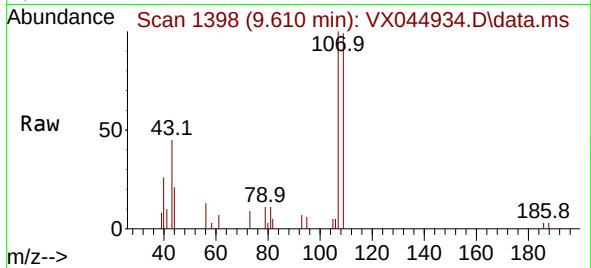
Tgt Ion:129 Resp: 3369
Ion Ratio Lower Upper
129 100
127 73.5 39.1 117.3





#61
1,2-Dibromoethane
Concen: 2.377 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

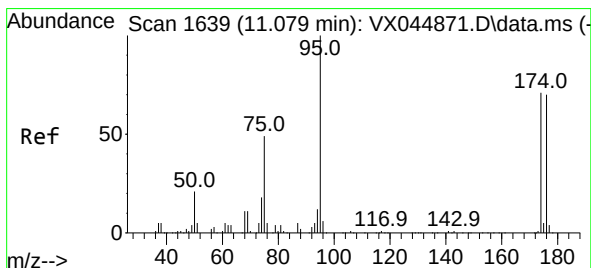
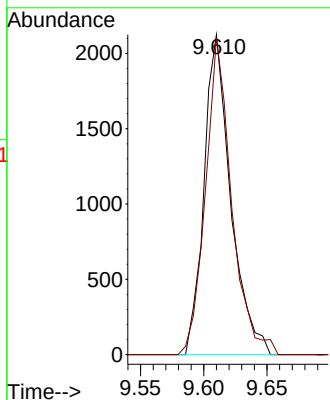
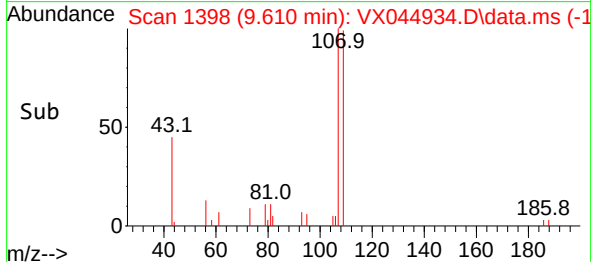
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



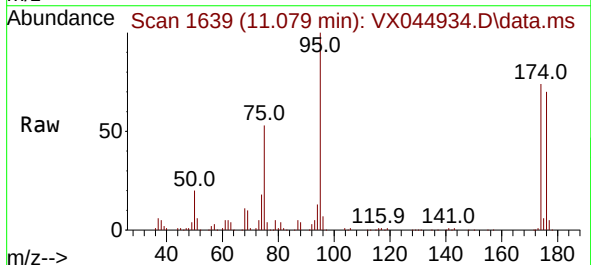
Tgt Ion:107 Resp: 3110
Ion Ratio Lower Upper
107 100
109 97.0 75.9 113.9

Manual Integrations
APPROVED

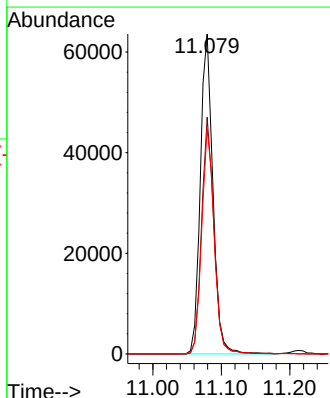
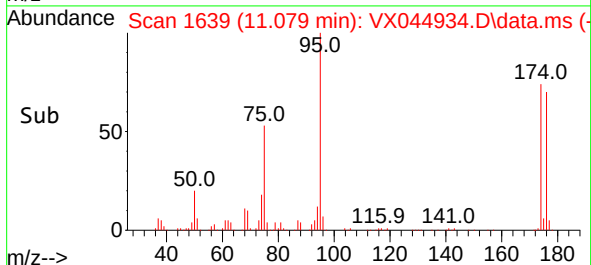
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

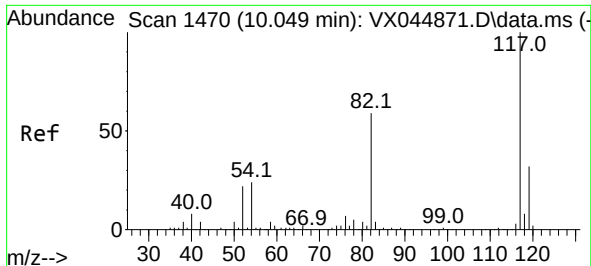


#62
4-Bromofluorobenzene
Concen: 50.927 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35



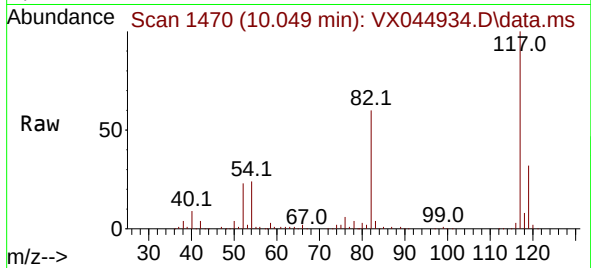
Tgt Ion: 95 Resp: 81400
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 70.0 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

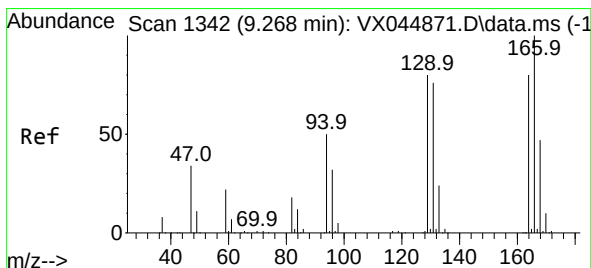
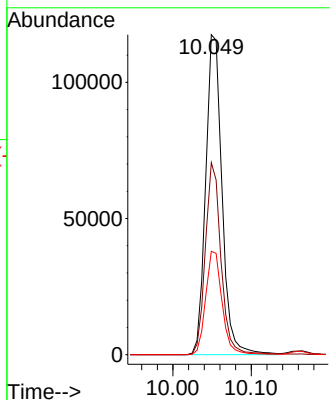
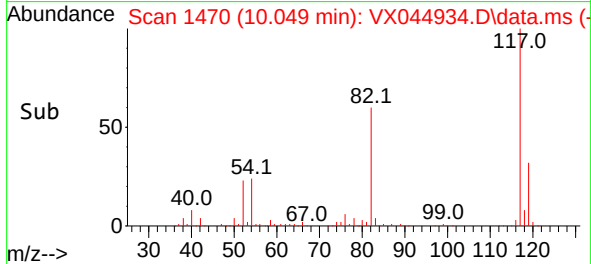
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:117 Resp: 170093
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 32.3 25.4 38.0

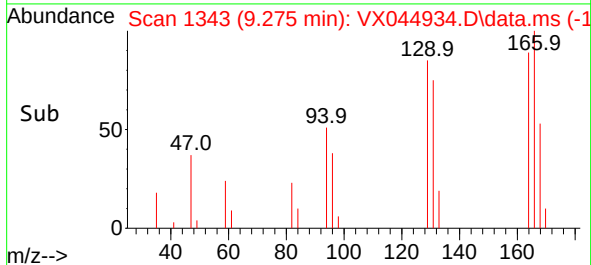
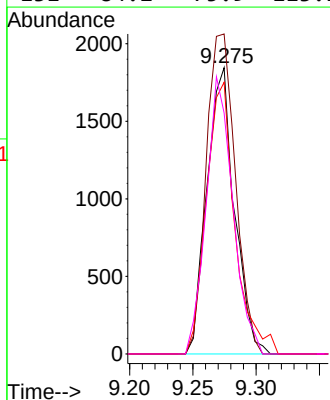
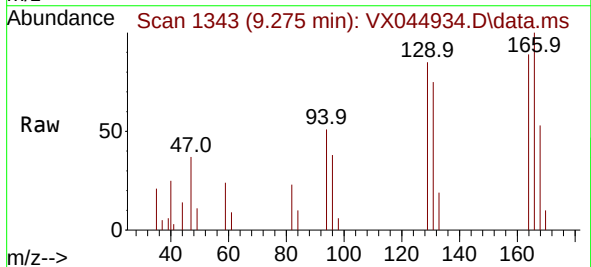
Manual Integrations
APPROVED

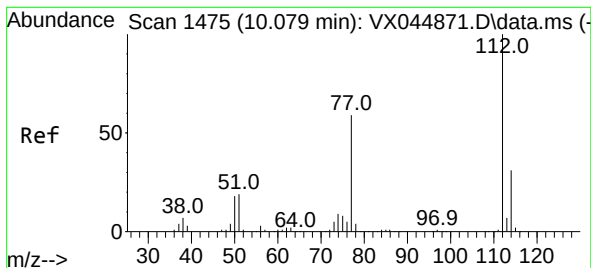
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#64
Tetrachloroethene
Concen: 2.617 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion:164 Resp: 2807
Ion Ratio Lower Upper
164 100
166 111.8 100.4 150.6
129 94.9 79.9 119.9
131 84.2 75.9 113.9





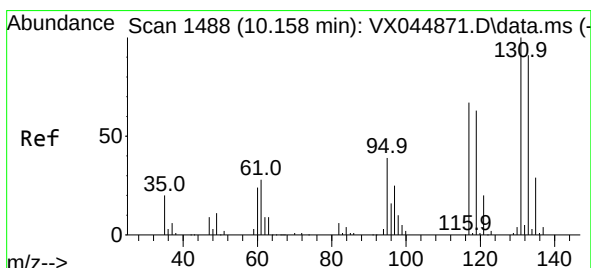
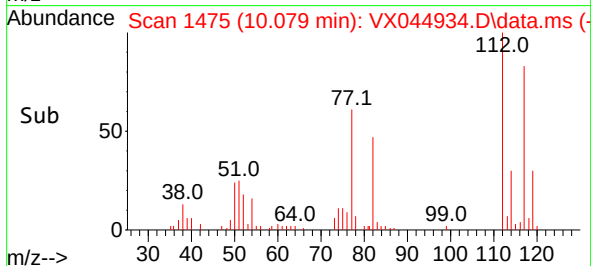
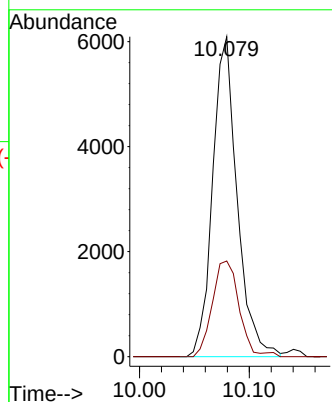
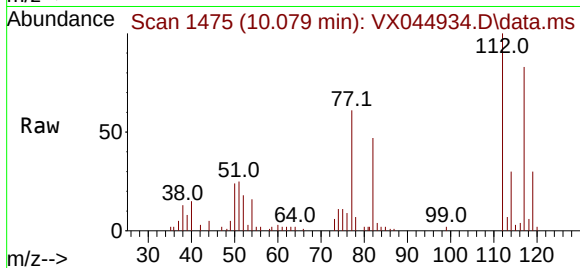
#65
Chlorobenzene
Concen: 2.590 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion:112 Resp: 946
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.6

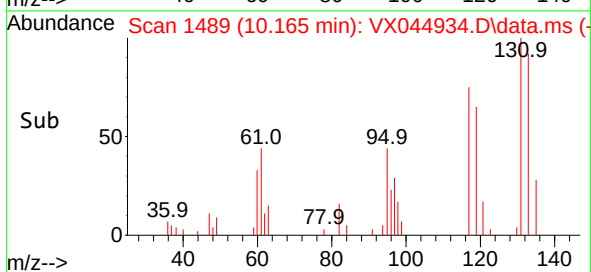
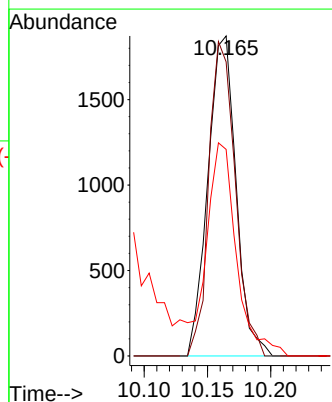
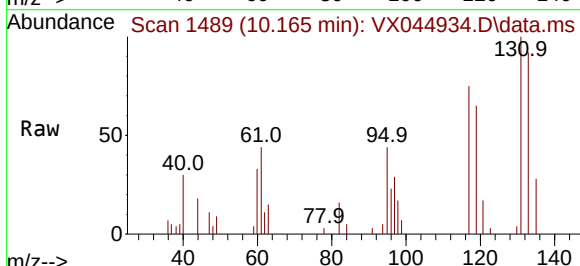
Manual Integrations
APPROVED

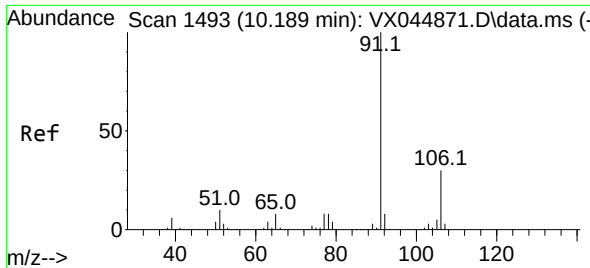
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.465 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion:131 Resp: 2898
Ion Ratio Lower Upper
131 100
133 92.2 47.1 141.3
119 69.9 33.6 100.6





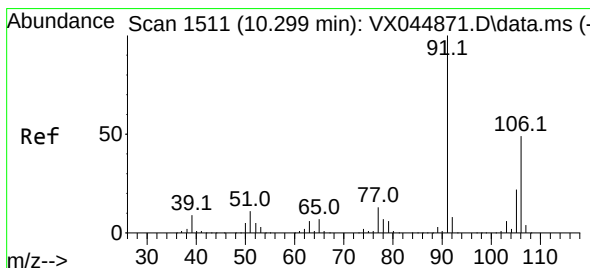
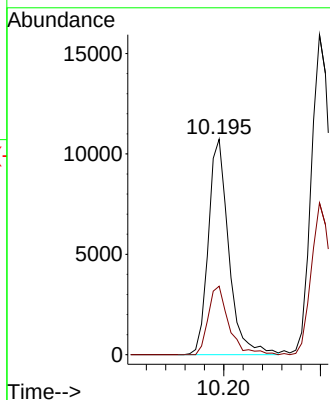
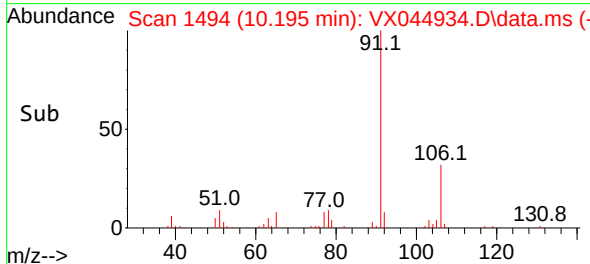
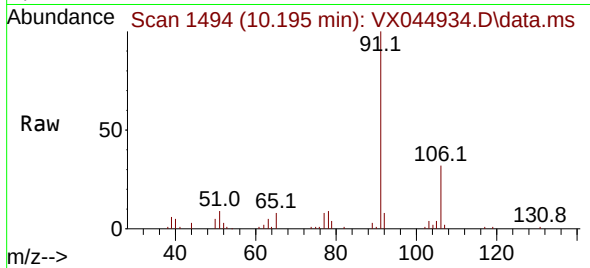
#67
Ethyl Benzene
Concen: 2.434 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion: 91 Resp: 15692
Ion Ratio Lower Upper
91 100
106 31.8 23.9 35.9

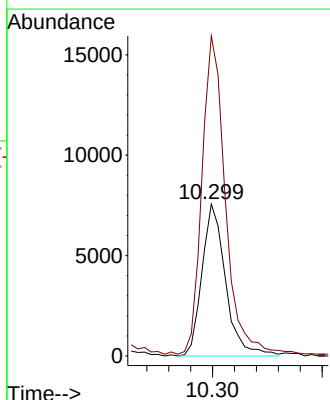
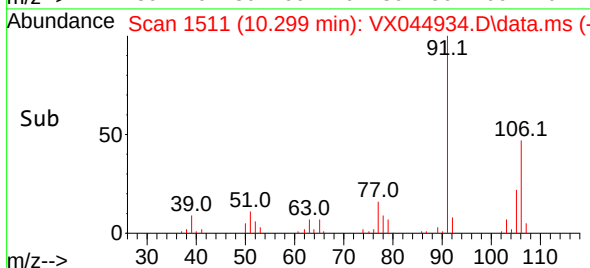
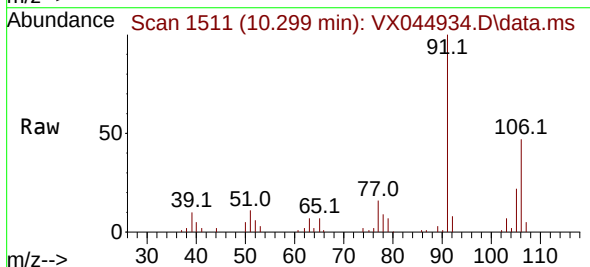
Manual Integrations
APPROVED

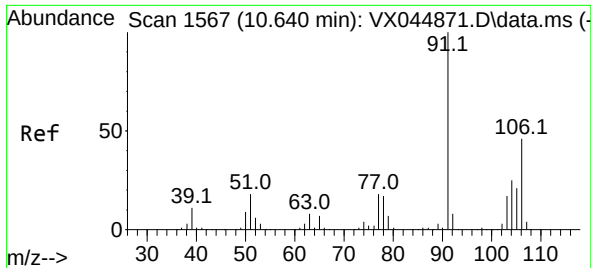
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#68
m/p-Xylenes
Concen: 4.761 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion:106 Resp: 11322
Ion Ratio Lower Upper
106 100
91 208.7 164.3 246.5





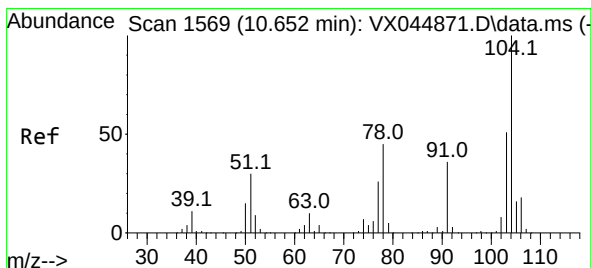
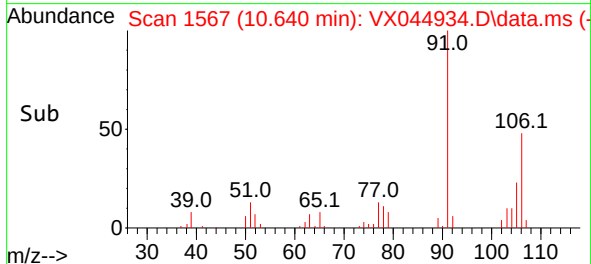
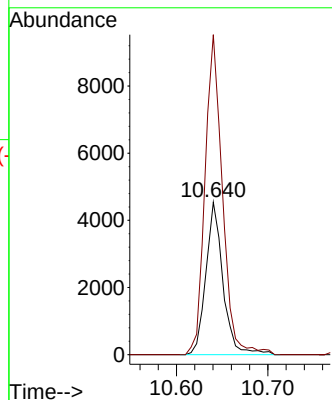
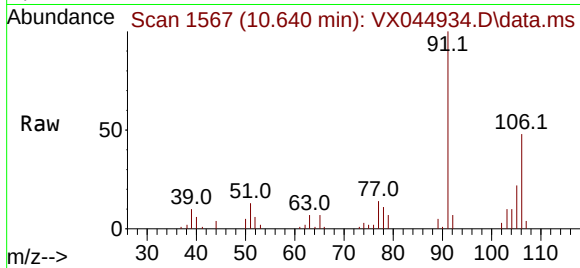
#69
o-Xylene
Concen: 2.472 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion:106 Resp: 589
Ion Ratio Lower Upper
106 100
91 213.4 108.5 325.5

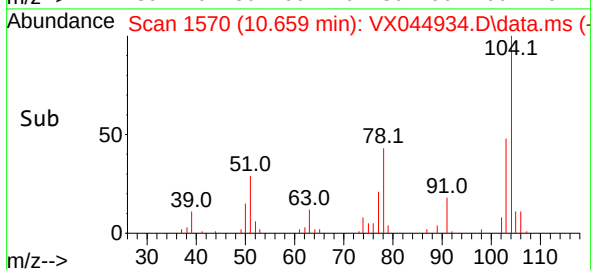
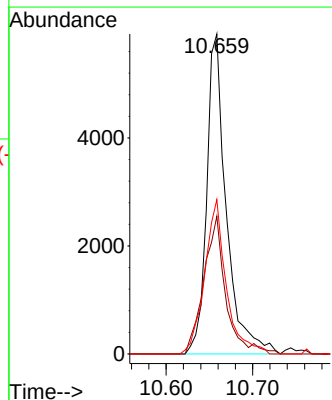
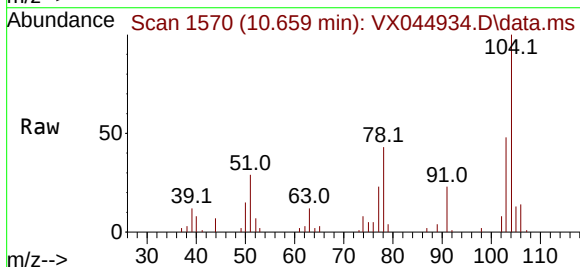
Manual Integrations
APPROVED

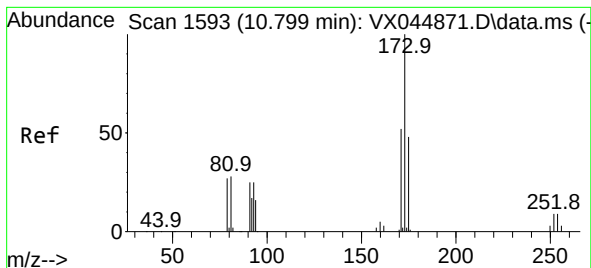
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#70
Styrene
Concen: 2.422 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion:104 Resp: 9310
Ion Ratio Lower Upper
104 100
78 48.3 40.5 60.7
103 53.1 43.6 65.4





#71

Bromoform

Concen: 2.121 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

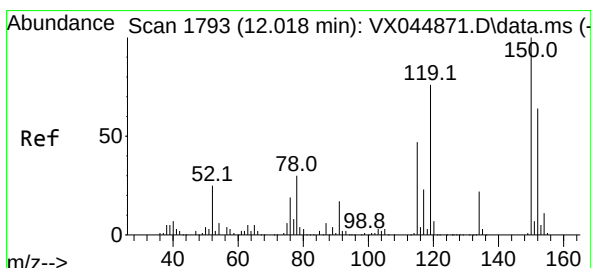
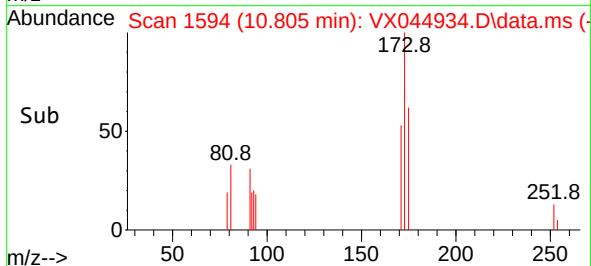
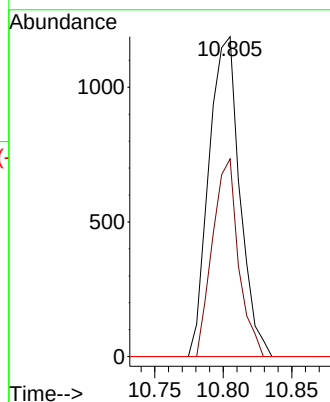
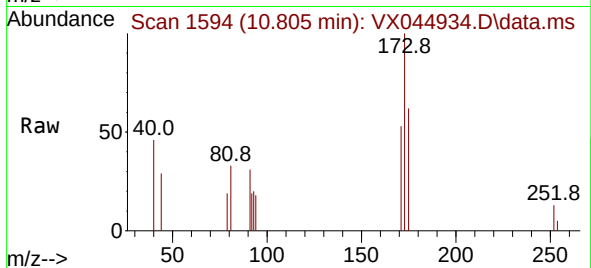
Tgt Ion:173	Resp:	186
Ion Ratio	Lower	Upper
173	100	
175	52.0	24.3 72.8
254	0.0	0.0 0.0

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

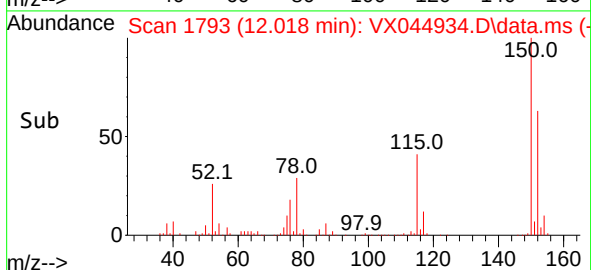
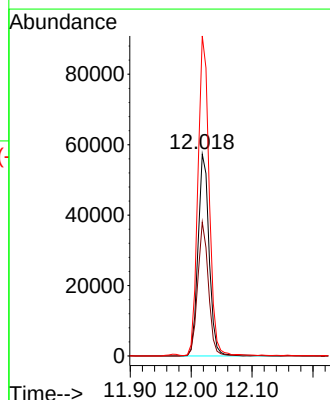
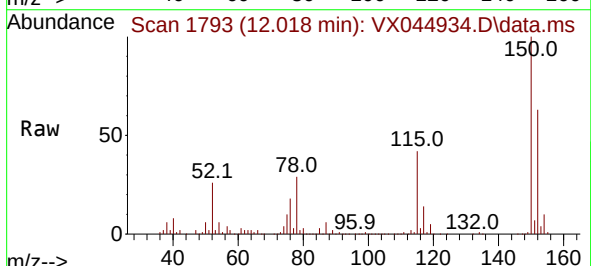
RT: 12.018 min Scan# 1793

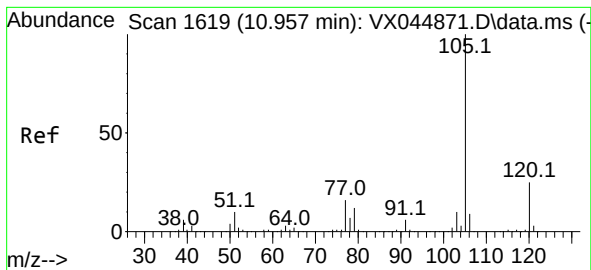
Delta R.T. 0.000 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Tgt Ion:152	Resp:	72442
Ion Ratio	Lower	Upper
152	100	
115	64.0	43.4 130.1
150	160.0	0.0 350.4





#73

Isopropylbenzene

Concen: 2.465 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:105 Resp: 14378

Ion Ratio Lower Upper

105 100

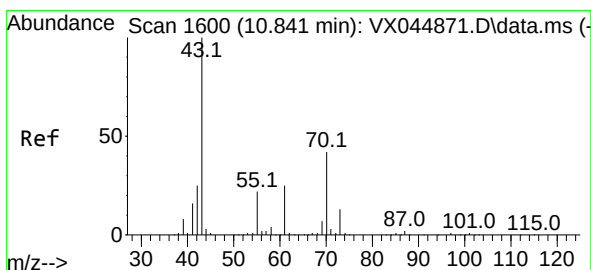
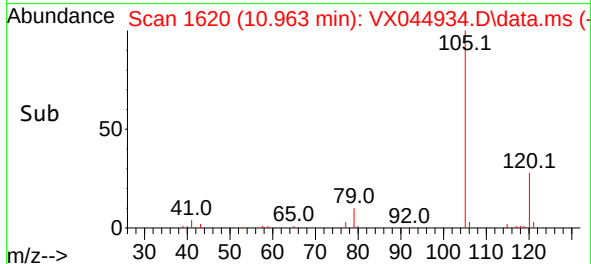
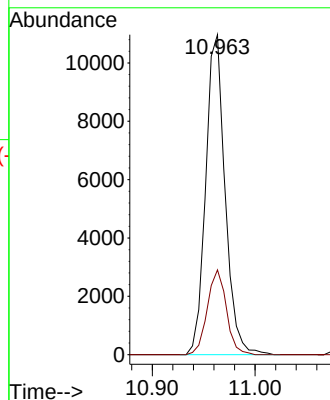
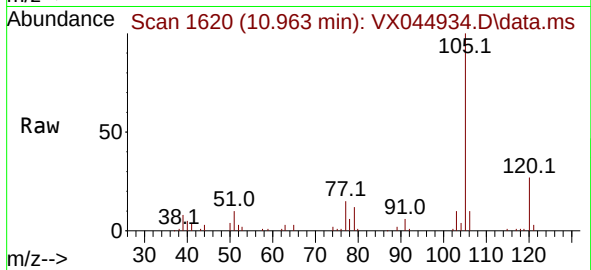
120 26.1 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#74

N-ethyl acetate

Concen: 2.059 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Tgt Ion: 43 Resp: 5435

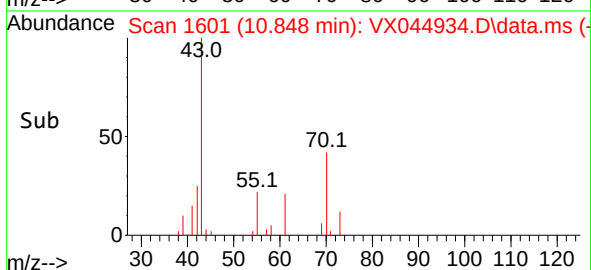
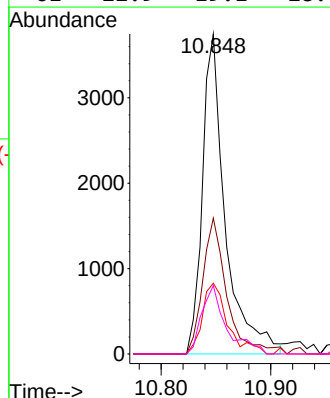
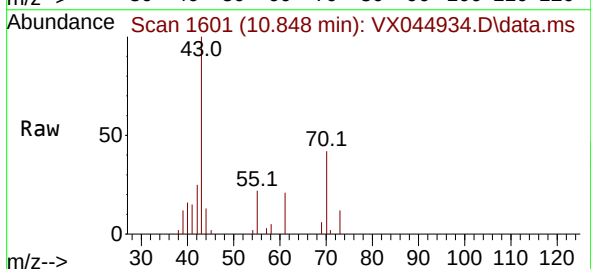
Ion Ratio Lower Upper

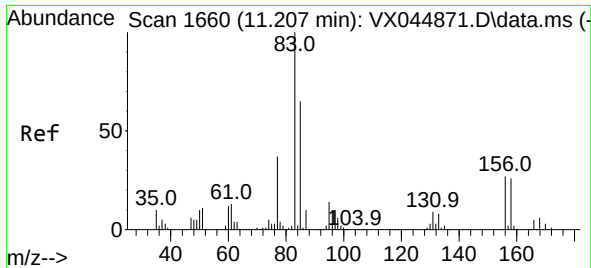
43 100

70 44.7 33.7 50.5

55 24.4 18.6 27.8

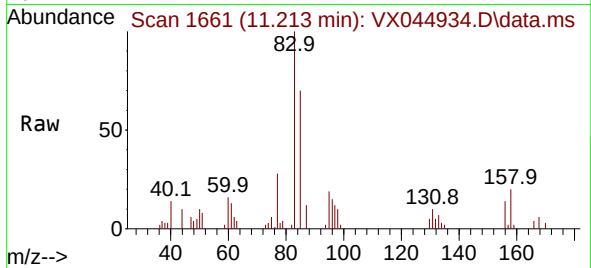
61 22.9 19.1 28.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.559 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

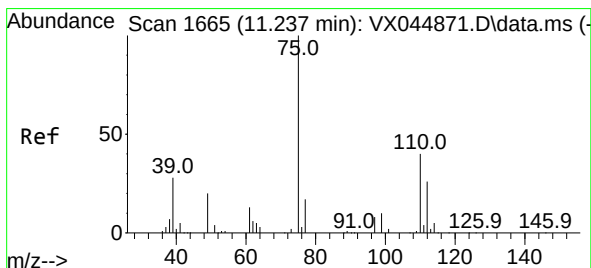
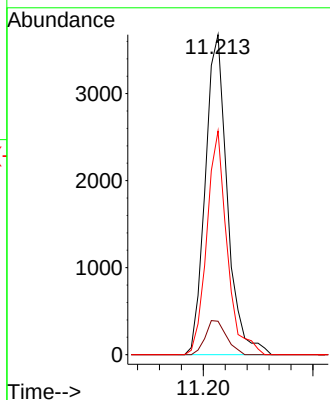
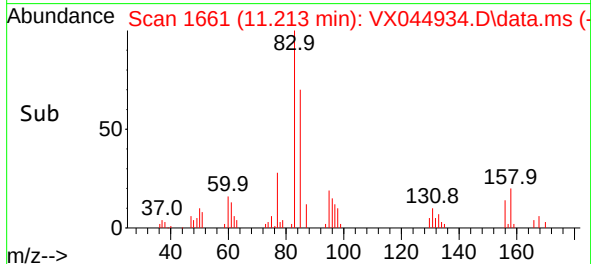
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 83 Resp: 5129
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.5 13.5
 85 64.3 32.3 96.8

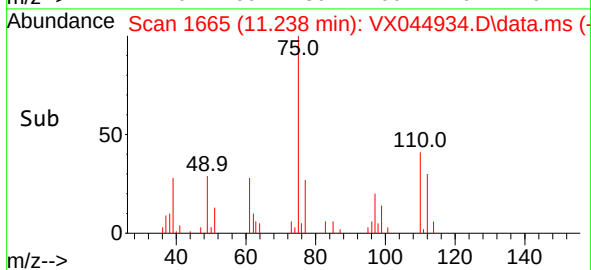
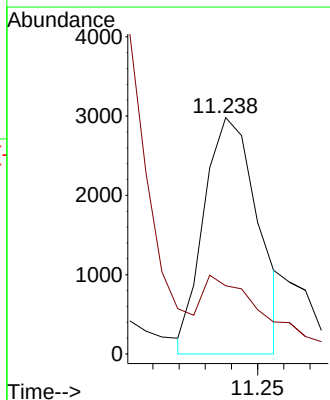
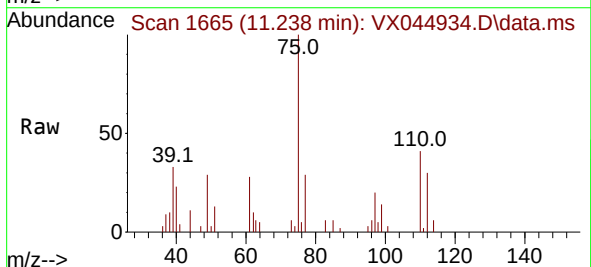
Manual Integrations
 APPROVED

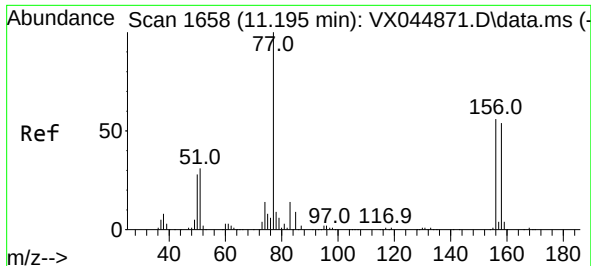
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#76
 1,2,3-Trichloropropane
 Concen: 2.658 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

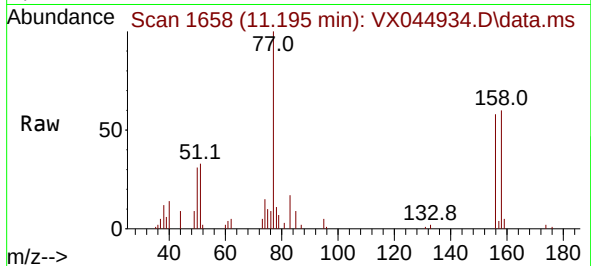
Tgt Ion: 75 Resp: 4269
 Ion Ratio Lower Upper
 75 100
 77 37.8 21.9 65.7





#77
Bromobenzene
Concen: 2.557 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

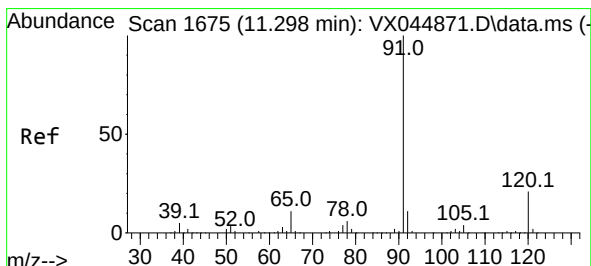
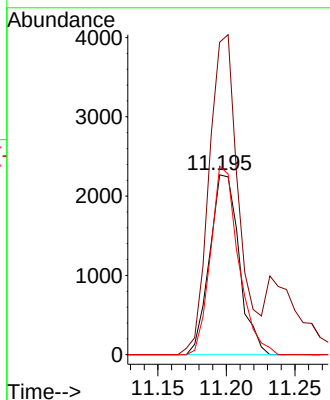
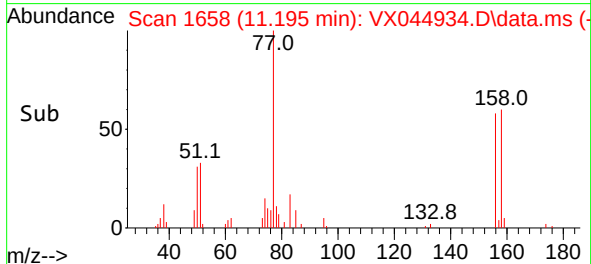
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



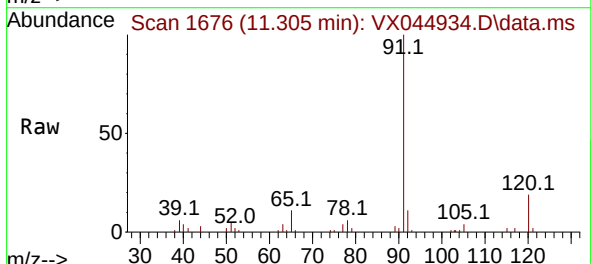
Tgt Ion:156 Resp: 338
Ion Ratio Lower Upper
156 100
77 179.3 88.4 265.3
158 99.3 48.4 145.2

Manual Integrations
APPROVED

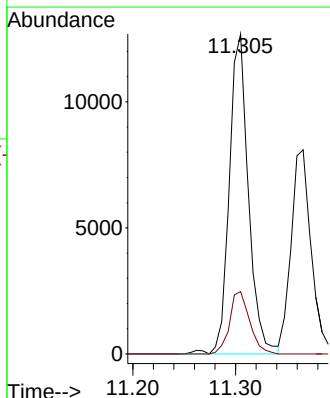
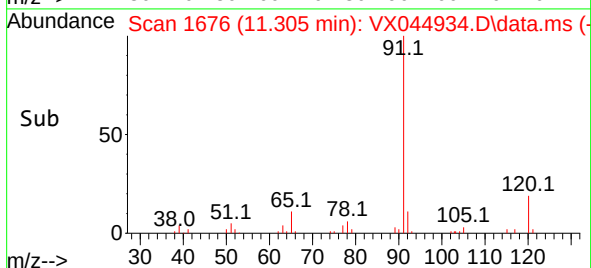
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

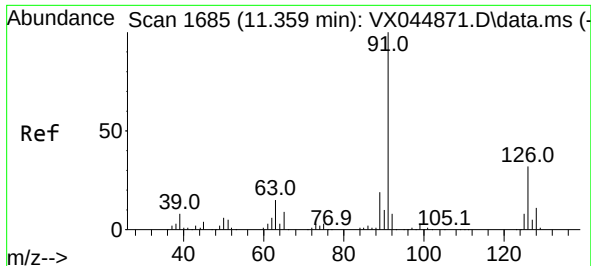


#78
n-propylbenzene
Concen: 2.440 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35



Tgt Ion: 91 Resp: 16428
Ion Ratio Lower Upper
91 100
120 20.5 11.1 33.3





#79

2-Chlorotoluene

Concen: 2.642 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 91 Resp: 1093

Ion Ratio Lower Upper

91 100

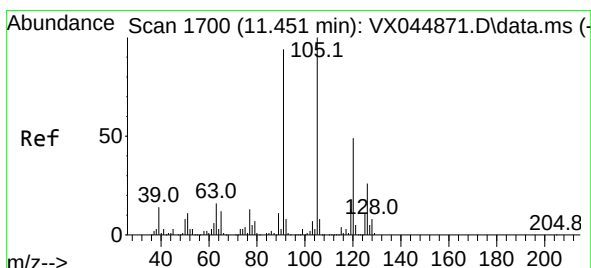
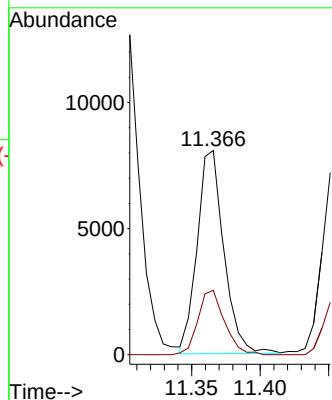
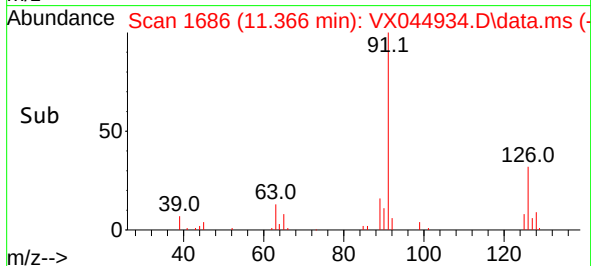
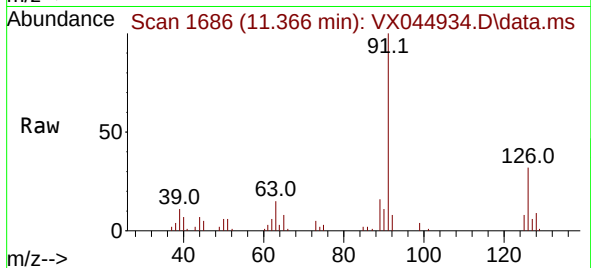
126 31.4 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#80

1,3,5-Trimethylbenzene

Concen: 2.453 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044934.D

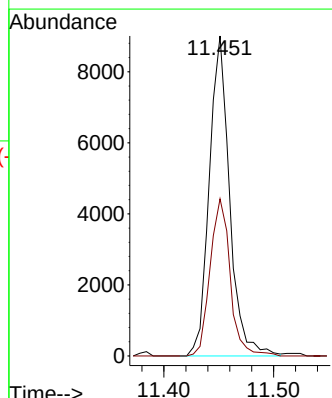
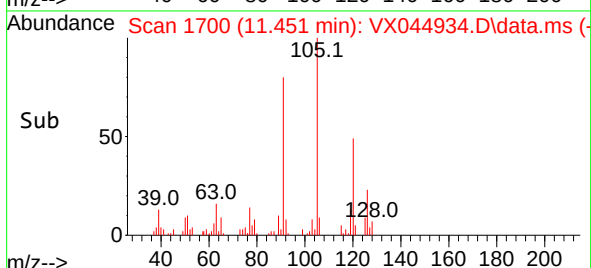
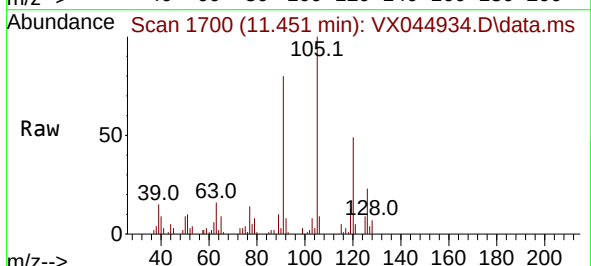
Acq: 12 Feb 2025 15:35

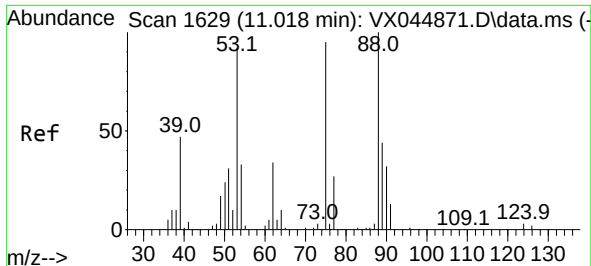
Tgt Ion:105 Resp: 11609

Ion Ratio Lower Upper

105 100

120 48.6 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 1.454 ug/l m

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

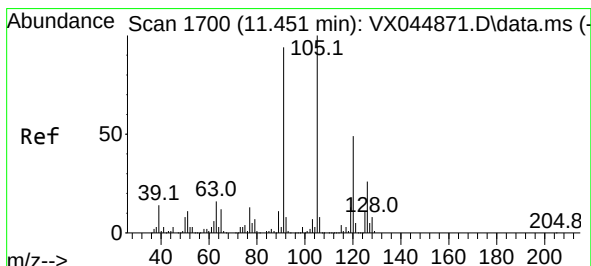
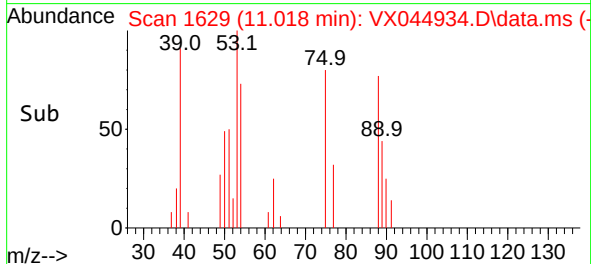
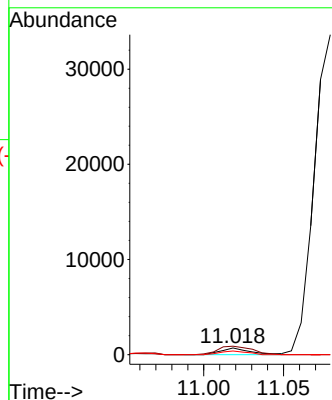
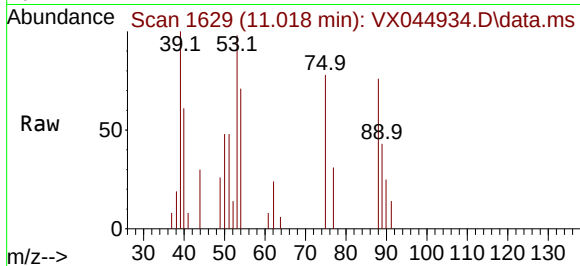
Tgt Ion: 75	Resp: 908
Ion Ratio	Lower Upper
75	100
53	0.0 78.0 117.0
89	0.0 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#82

4-Chlorotoluene

Concen: 2.405 ug/l

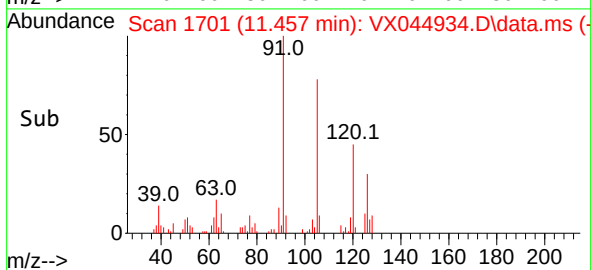
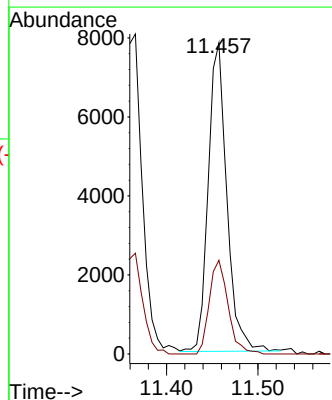
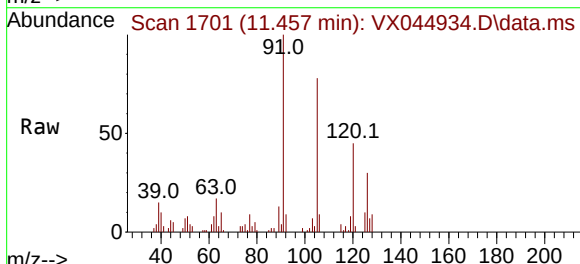
RT: 11.457 min Scan# 1701

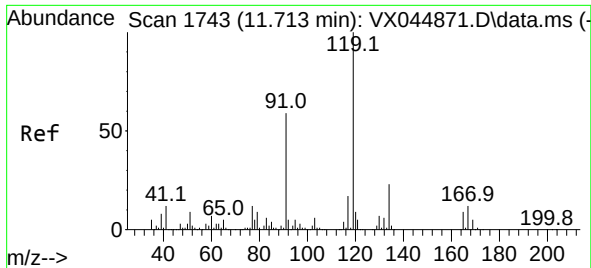
Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

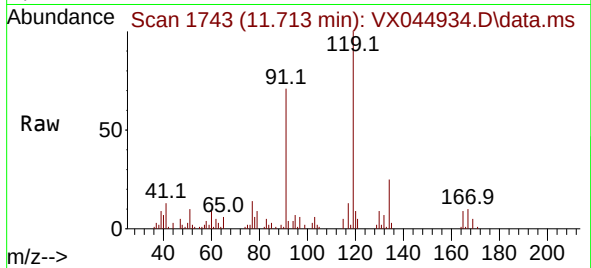
Tgt Ion: 91	Resp: 11008
Ion Ratio	Lower Upper
91	100
126	30.7 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 2.442 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

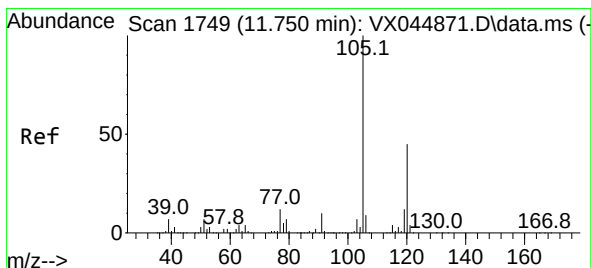
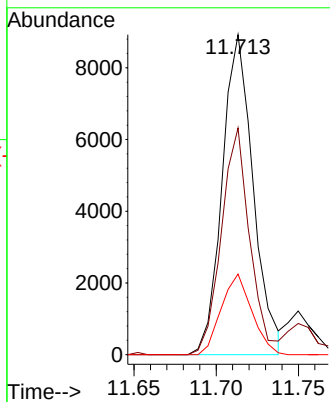
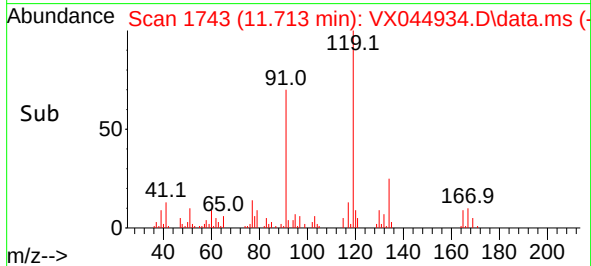
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



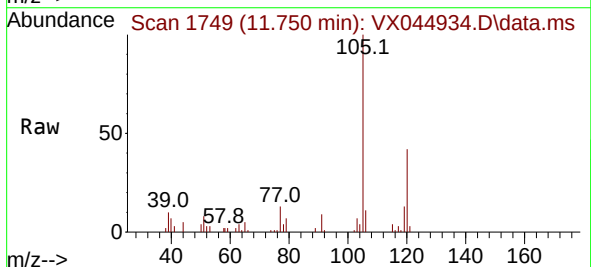
Tgt Ion:119 Resp: 1169
 Ion Ratio Lower Upper
 119 100
 91 65.3 29.1 87.4
 134 24.9 11.5 34.5

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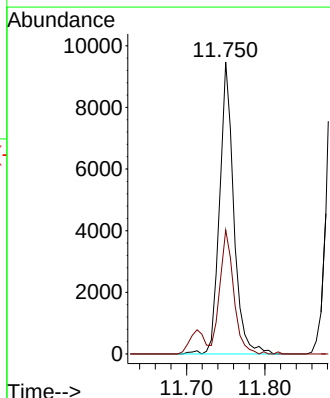
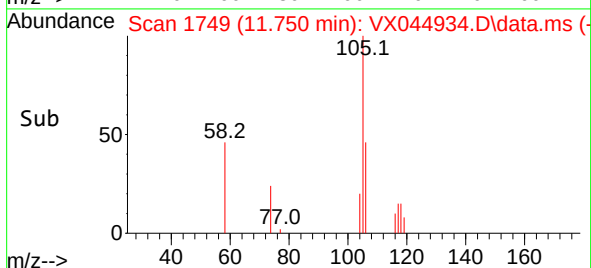
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

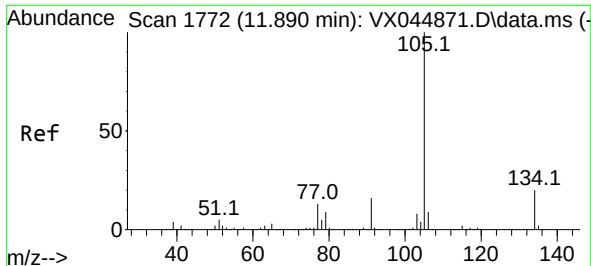


#84
 1,2,4-Trimethylbenzene
 Concen: 2.552 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35



Tgt Ion:105 Resp: 11924
 Ion Ratio Lower Upper
 105 100
 120 41.4 22.4 67.0





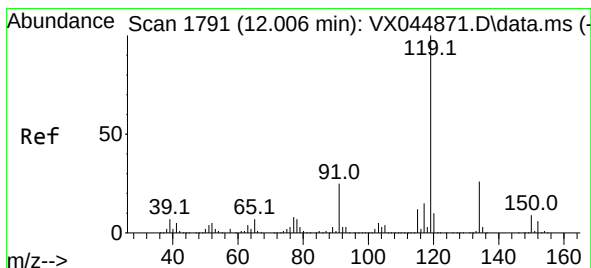
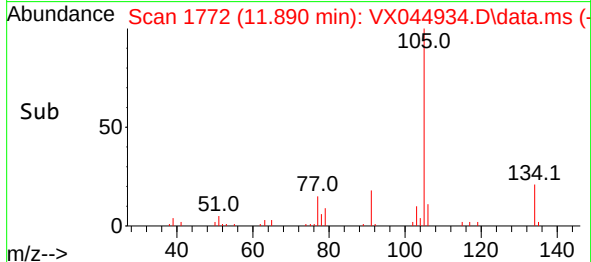
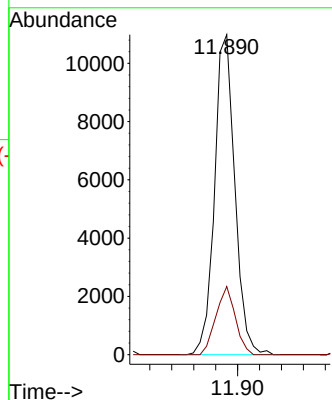
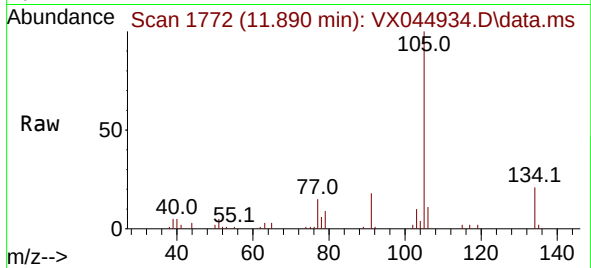
#85
 sec-Butylbenzene
 Concen: 2.382 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

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

Tgt Ion:105 Resp: 1412
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

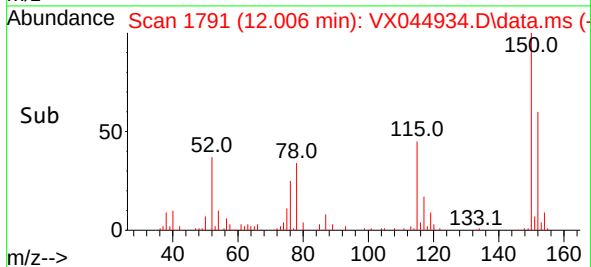
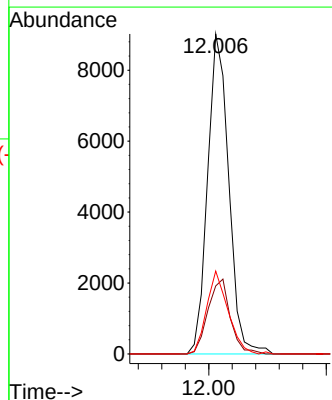
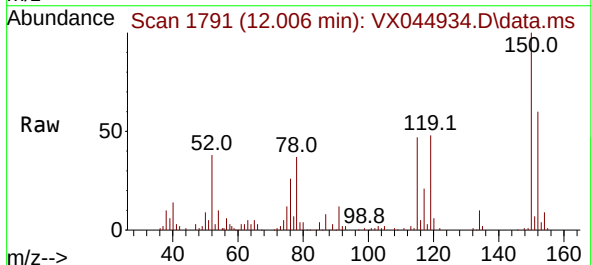
Manual Integrations
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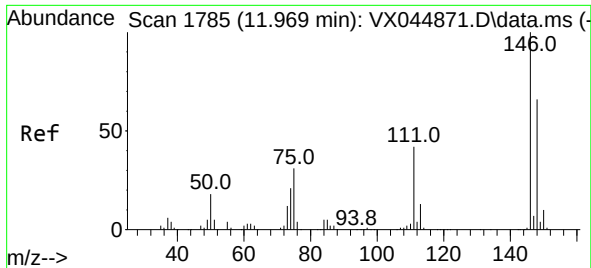
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#86
 p-Isopropyltoluene
 Concen: 2.357 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044934.D
 Acq: 12 Feb 2025 15:35

Tgt Ion:119 Resp: 11239
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 38.9
 91 26.4 12.1 36.3





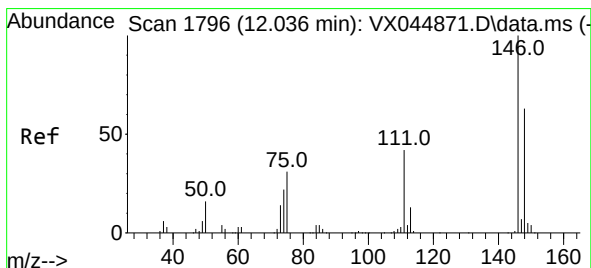
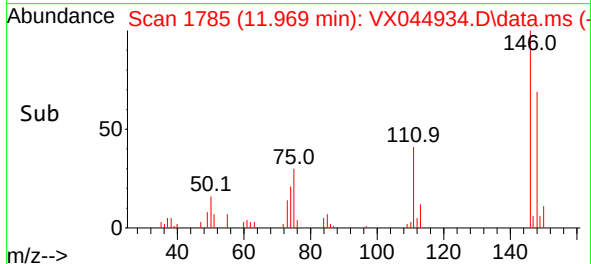
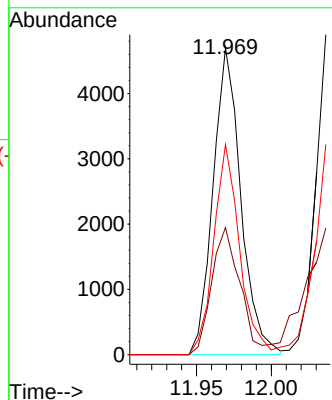
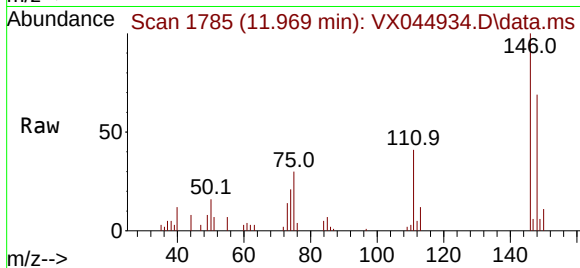
#87
1,3-Dichlorobenzene
Concen: 2.493 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion:146 Resp: 6062
Ion Ratio Lower Upper
146 100
111 42.0 21.2 63.6
148 63.6 32.5 97.5

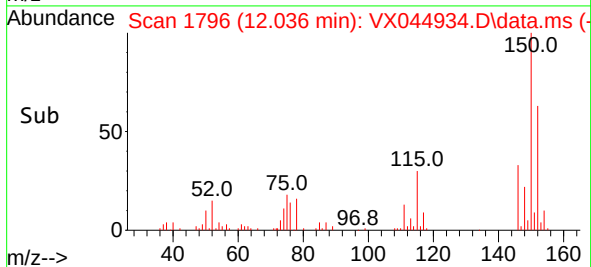
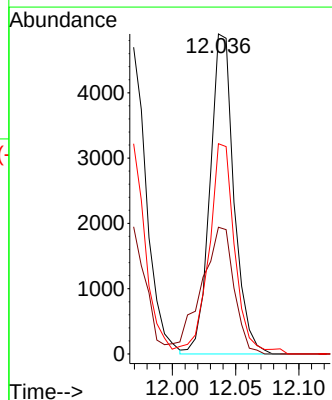
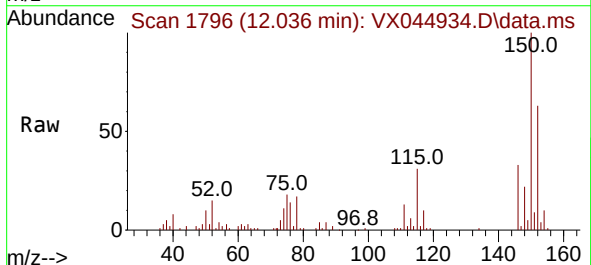
Manual Integrations
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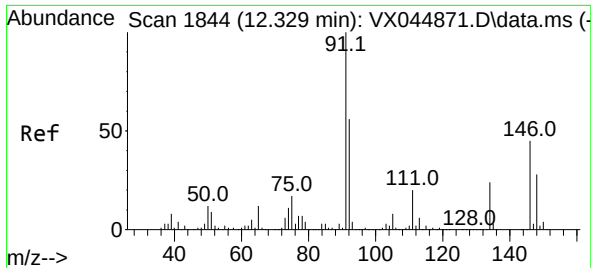
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#88
1,4-Dichlorobenzene
Concen: 2.630 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

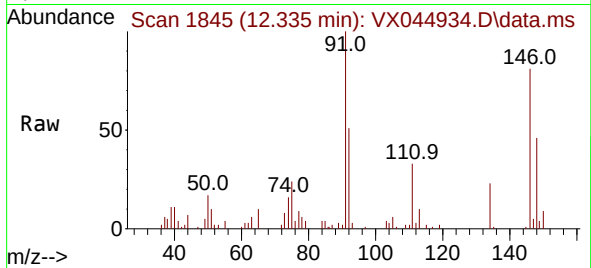
Tgt Ion:146 Resp: 6467
Ion Ratio Lower Upper
146 100
111 54.5 20.4 61.3
148 71.3 32.0 96.0





#89
n-Butylbenzene
Concen: 2.131 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

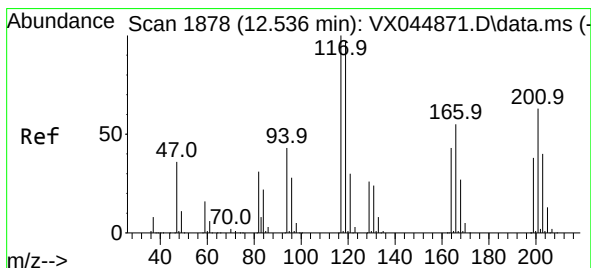
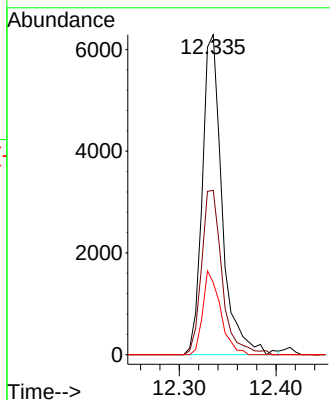
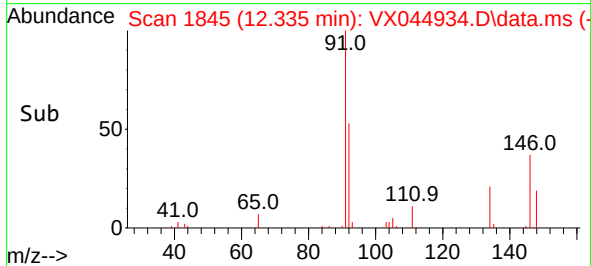
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 91 Resp: 898
Ion Ratio Lower Upper
91 100
92 53.3 27.2 81.6
134 23.4 12.1 36.3

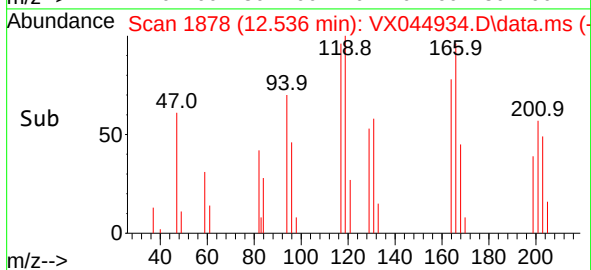
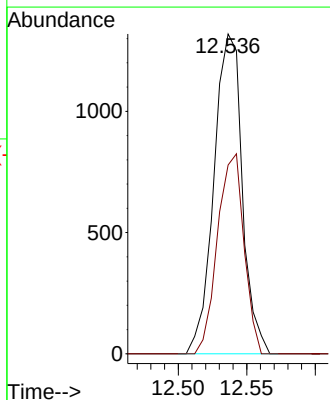
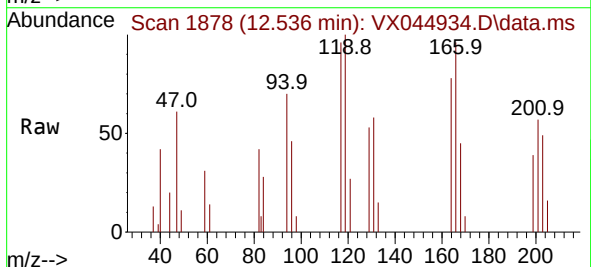
Manual Integrations
APPROVED

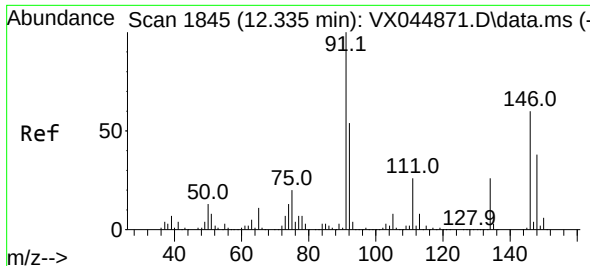
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#90
Hexachloroethane
Concen: 2.127 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

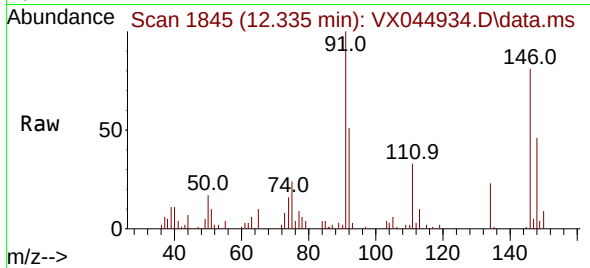
Tgt Ion:117 Resp: 1899
Ion Ratio Lower Upper
117 100
201 58.3 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 2.688 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

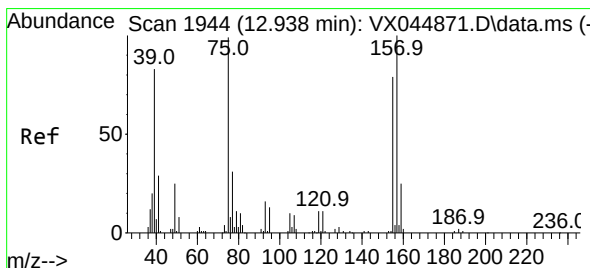
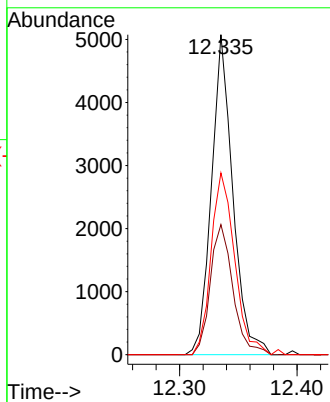
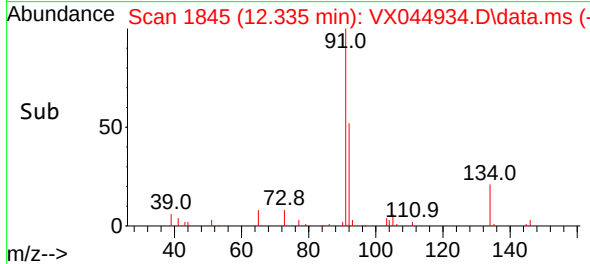
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



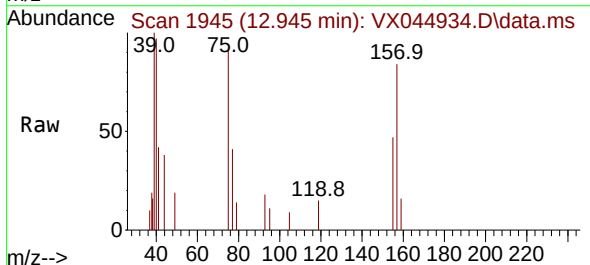
Tgt Ion:146 Resp: 6424
Ion Ratio Lower Upper
146 100
111 43.1 21.8 65.4
148 63.1 31.9 95.9

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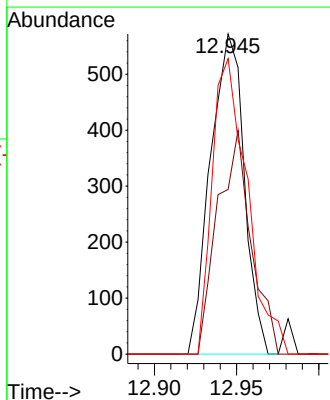
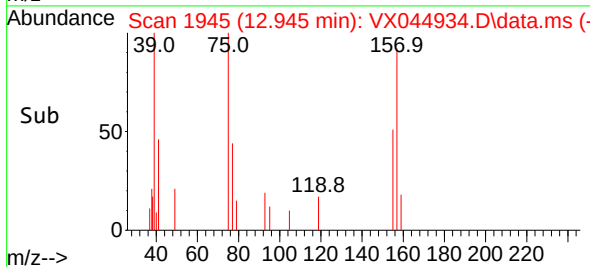
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

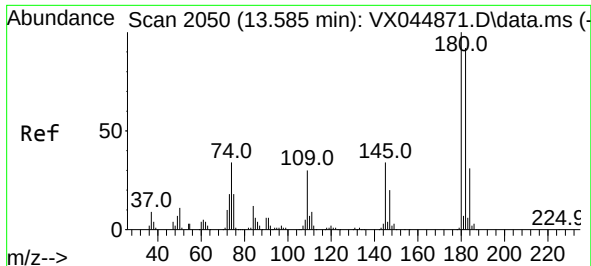


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.231 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35



Tgt Ion: 75 Resp: 816
Ion Ratio Lower Upper
75 100
155 69.4 40.5 121.4
157 95.7 51.4 154.3





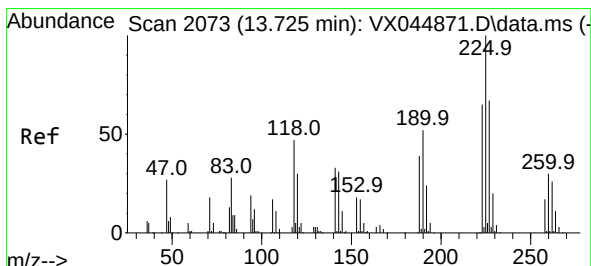
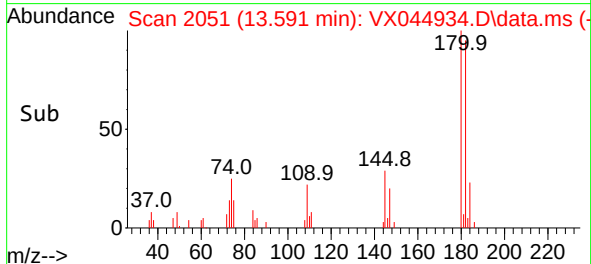
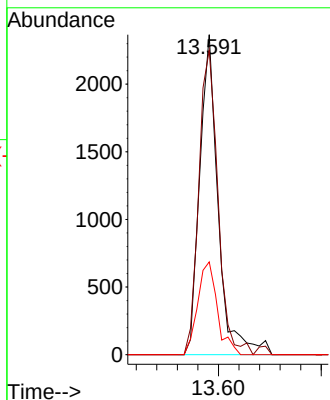
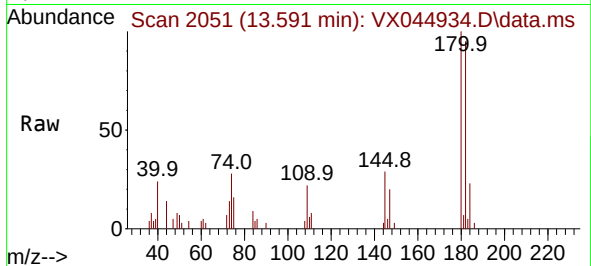
#93
1,2,4-Trichlorobenzene
Concen: 2.045 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

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

Tgt Ion:180 Resp: 295
Ion Ratio Lower Upper
180 100
182 98.4 47.6 142.8
145 30.9 16.4 49.1

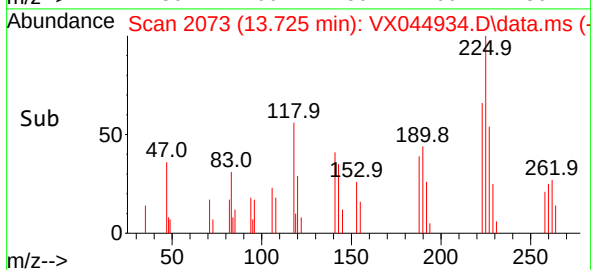
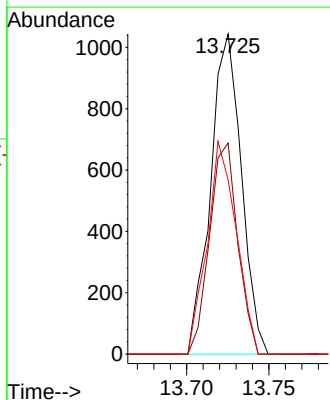
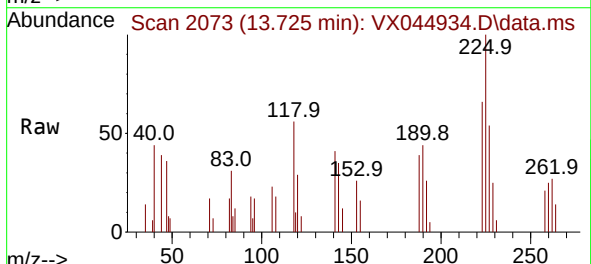
Manual Integrations
APPROVED

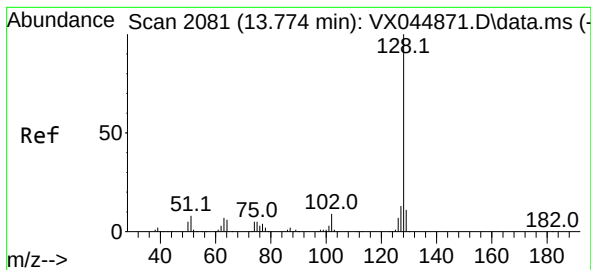
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#94
Hexachlorobutadiene
Concen: 2.378 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044934.D
Acq: 12 Feb 2025 15:35

Tgt Ion:225 Resp: 1365
Ion Ratio Lower Upper
225 100
223 60.0 31.4 94.2
227 62.5 32.3 96.8





#95

Naphthalene

Concen: 2.123 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

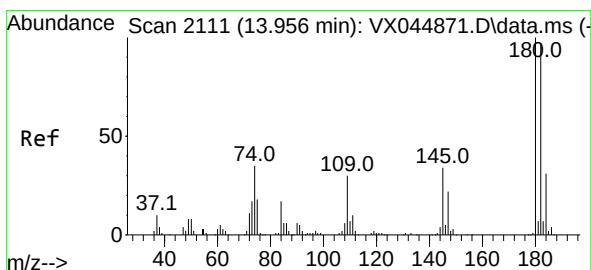
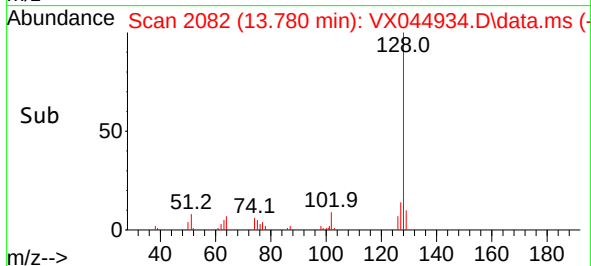
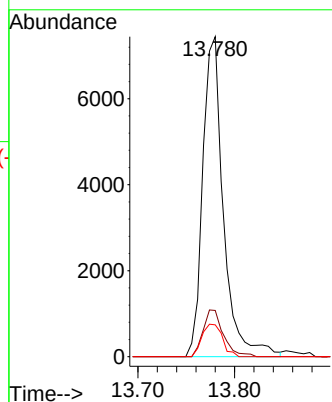
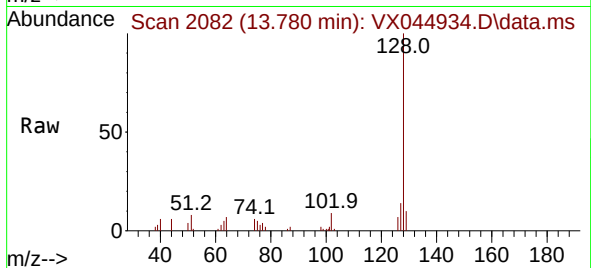
Tgt Ion:128	Resp:	1109
Ion Ratio	Lower	Upper
128	100	
127	14.3	10.1 15.1
129	10.0	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 2.243 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044934.D

Acq: 12 Feb 2025 15:35

Tgt Ion:180	Resp:	3268
Ion Ratio	Lower	Upper
180	100	
182	91.0	47.9 143.6
145	35.4	17.1 51.3

