

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044933.D
 Acq On : 12 Feb 2025 15:12
 Operator : JC/MD
 Sample : Q1168-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 13 03:44:12 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	105958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197843	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	76195	49.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.260%		
35) Dibromofluoromethane	5.379	113	59971	46.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	8.647	98	220655	45.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.720%		
62) 4-Bromofluorobenzene	11.079	95	73897	45.065	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1109m	0.746	ug/l	
3) Chloromethane	1.301	50	1489	0.823	ug/l	90
4) Vinyl Chloride	1.374	62	1288	0.735	ug/l	98
5) Bromomethane	1.593	94	547	1.043	ug/l #	63
6) Chloroethane	1.660	64	776	1.195	ug/l	89
7) Trichlorofluoromethane	1.874	101	1639	0.740	ug/l	95
8) Diethyl Ether	2.136	74	589	0.733	ug/l #	33
9) 1,1,2-Trichlorotrifluo...	2.319	101	970	0.725	ug/l #	88
10) Methyl Iodide	2.447	142	1306	0.753	ug/l #	94
11) Tert butyl alcohol	2.940	59	2609	9.067	ug/l #	73
12) 1,1-Dichloroethene	2.306	96	1021	0.748	ug/l #	93
13) Acrolein	2.233	56	1334	4.493	ug/l	92
14) Allyl chloride	2.654	41	1938	0.785	ug/l #	86
15) Acrylonitrile	3.075	53	2894	3.767	ug/l	96
16) Acetone	2.386	43	2896	4.645	ug/l	99
17) Carbon Disulfide	2.502	76	2575	0.688	ug/l	95
18) Methyl Acetate	2.703	43	1459	0.742	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	3306	0.761	ug/l	97
20) Methylene Chloride	2.788	84	1210	0.792	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	1097	0.816	ug/l #	74
22) Diisopropyl ether	3.757	45	3521	0.754	ug/l #	61
23) Vinyl Acetate	3.727	43	12123	3.185	ug/l	99
24) 1,1-Dichloroethane	3.599	63	1955	0.748	ug/l #	83
25) 2-Butanone	4.586	43	3751m	3.705	ug/l	
26) 2,2-Dichloropropane	4.483	77	1264m	0.610	ug/l	
27) cis-1,2-Dichloroethene	4.495	96	1093	0.677	ug/l	89
28) Bromochloromethane	4.897	49	840	0.669	ug/l #	95
29) Tetrahydrofuran	5.032	42	2619	3.895	ug/l #	81
30) Chloroform	5.099	83	2004	0.791	ug/l #	75
31) Cyclohexane	5.464	56	1843	0.765	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	1541	0.717	ug/l #	51
36) 1,1-Dichloropropene	5.684	75	1508	0.813	ug/l #	74
37) Ethyl Acetate	4.745	43	1425m	0.690	ug/l	
38) Carbon Tetrachloride	5.659	117	1610	0.885	ug/l #	68
39) Methylcyclohexane	7.379	83	1763	0.735	ug/l #	85
40) Benzene	6.031	78	4075	0.703	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	788m	0.713	ug/l	
42) 1,2-Dichloroethane	6.105	62	1446	0.783	ug/l	77
43) Isopropyl Acetate	6.354	43	2055	0.617	ug/l #	84
44) Trichloroethene	7.129	130	948	0.716	ug/l	72
45) 1,2-Dichloropropane	7.427	63	969	0.672	ug/l #	84
46) Dibromomethane	7.598	93	732	0.732	ug/l	94
47) Bromodichloromethane	7.824	83	1255	0.648	ug/l #	95
48) Methyl methacrylate	7.726	41	1066m	0.678	ug/l	
49) 1,4-Dioxane	7.690	88	447	13.256	ug/l #	77
51) 4-Methyl-2-Pentanone	8.580	43	6918	3.414	ug/l	95
52) Toluene	8.720	92	2575	0.746	ug/l	100
53) t-1,3-Dichloropropene	9.000	75	938	0.479	ug/l	96
54) cis-1,3-Dichloropropene	8.379	75	1435	0.657	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	910	0.686	ug/l #	90
56) Ethyl methacrylate	9.128	69	1252m	0.584	ug/l	
57) 1,3-Dichloropropane	9.311	76	1984	0.855	ug/l #	87
58) 2-Chloroethyl Vinyl ether	8.250	63	3249	3.088	ug/l	93
59) 2-Hexanone	9.445	43	4268	2.923	ug/l	95
60) Dibromochloromethane	9.525	129	845	0.596	ug/l	87
61) 1,2-Dibromoethane	9.610	107	856	0.637	ug/l	87
64) Tetrachloroethene	9.269	164	805	0.740	ug/l #	72
65) Chlorobenzene	10.073	112	2798	0.755	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	830	0.696	ug/l #	61
67) Ethyl Benzene	10.195	91	4540	0.694	ug/l	91
68) m/p-Xylenes	10.299	106	3383	1.402	ug/l	94
69) o-Xylene	10.640	106	1591	0.657	ug/l	94
70) Styrene	10.659	104	2587m	0.663	ug/l	
71) Bromoform	10.805	173	596	0.669	ug/l #	92
73) Isopropylbenzene	10.963	105	4386	0.739	ug/l	96
74) N-amyl acetate	10.854	43	1430	0.532	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	1622	0.795	ug/l #	96
76) 1,2,3-Trichloropropane	11.244	75	1443m	0.883	ug/l	
77) Bromobenzene	11.201	156	950	0.706	ug/l	88
78) n-propylbenzene	11.305	91	4381	0.639	ug/l	97
79) 2-Chlorotoluene	11.366	91	3379	0.803	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3440	0.714	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	38772	61.024	ug/l #	11
82) 4-Chlorotoluene	11.457	91	3439	0.738	ug/l	91
83) tert-Butylbenzene	11.713	119	3685	0.756	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	3084	0.649	ug/l	96
85) sec-Butylbenzene	11.890	105	3849	0.638	ug/l	96
86) p-Isopropyltoluene	12.006	119	3087	0.636	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	1869	0.755	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	1940m	0.775	ug/l	
89) n-Butylbenzene	12.335	91	2458	0.573	ug/l	98
90) Hexachloroethane	12.536	117	578	0.636	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	1815	0.746	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.957	75	220	0.591	ug/l	88
93) 1,2,4-Trichlorobenzene	13.597	180	890	0.605	ug/l	91
94) Hexachlorobutadiene	13.725	225	461	0.789	ug/l	79
95) Naphthalene	13.774	128	3126	0.588	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	965	0.651	ug/l	90

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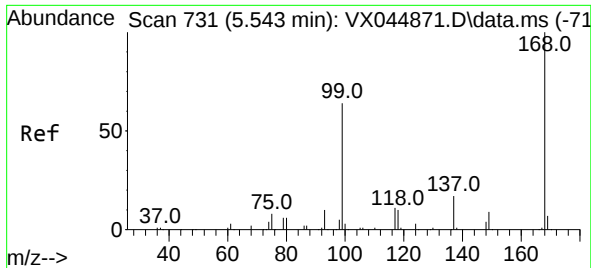
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

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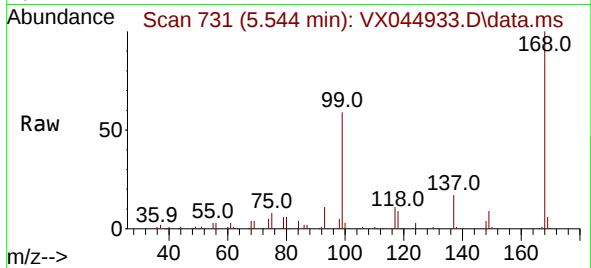
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
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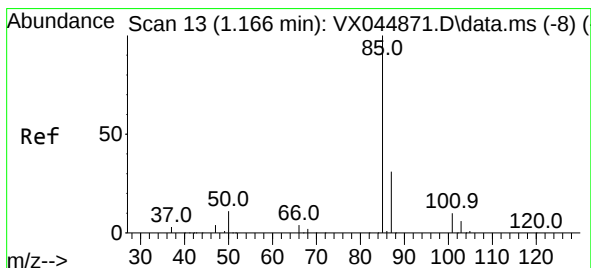
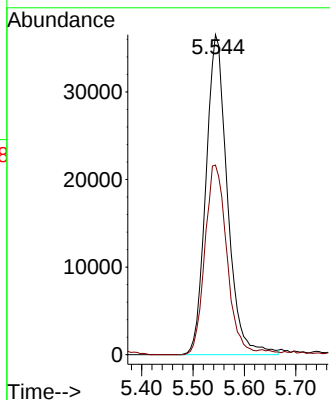
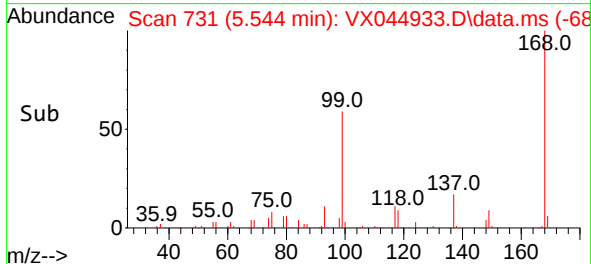
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 105958
Ion Ratio Lower Upper
168 100
99 59.2 51.2 76.8

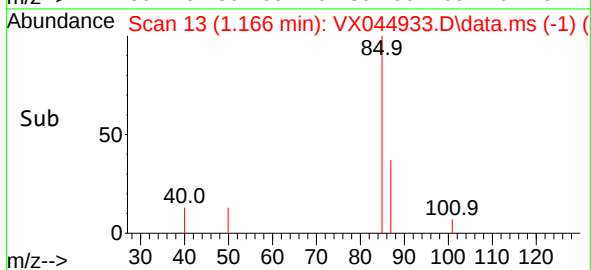
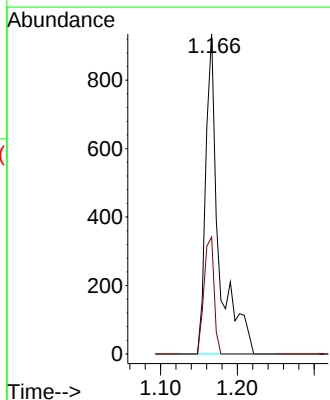
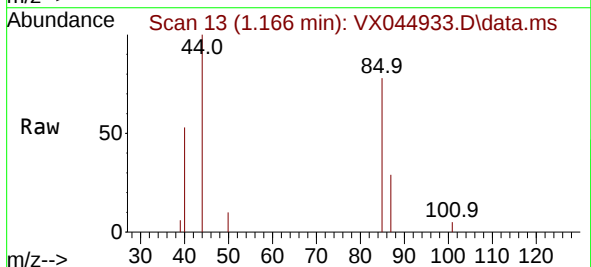
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#2
Dichlorodifluoromethane
Concen: 0.746 ug/l m
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion: 85 Resp: 1109
Ion Ratio Lower Upper
85 100
87 36.6 15.8 47.3





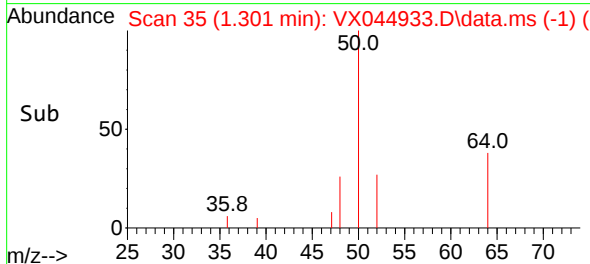
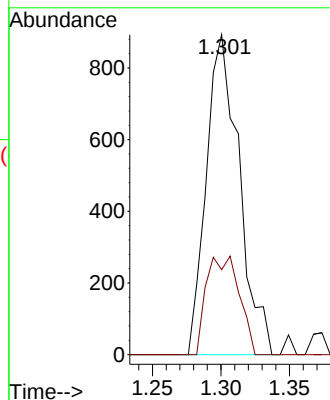
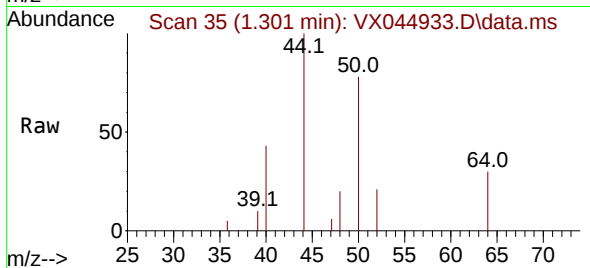
#3
Chloromethane
Concen: 0.823 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion: 50 Resp: 1489
Ion Ratio Lower Upper
50 100
52 26.5 25.9 38.9

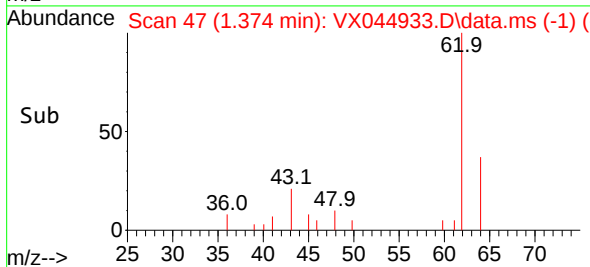
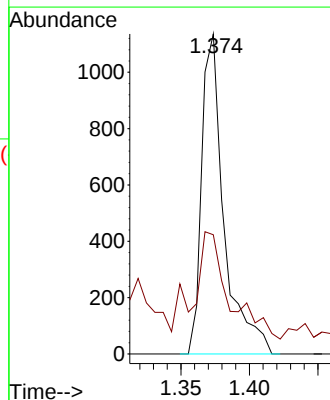
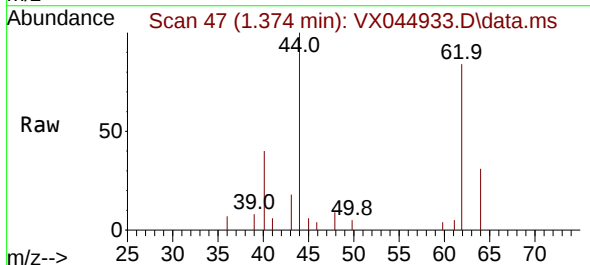
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#4
Vinyl Chloride
Concen: 0.735 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

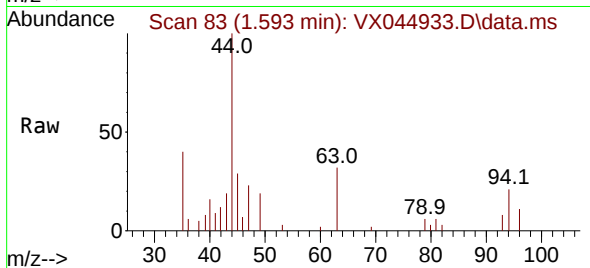
Tgt Ion: 62 Resp: 1288
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 1.043 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

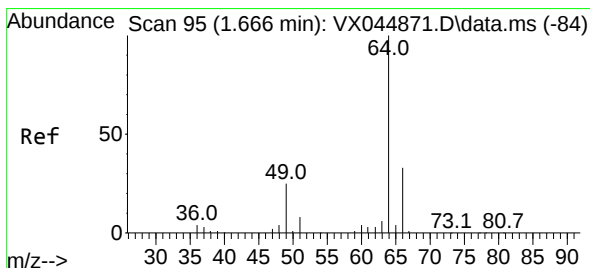
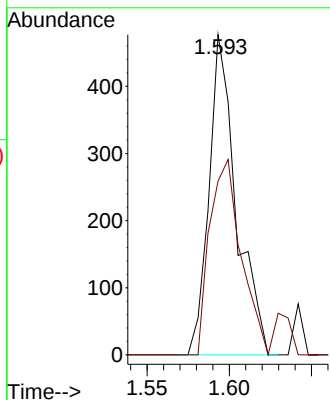
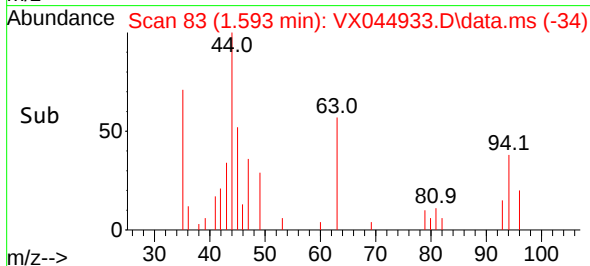
Instrument :
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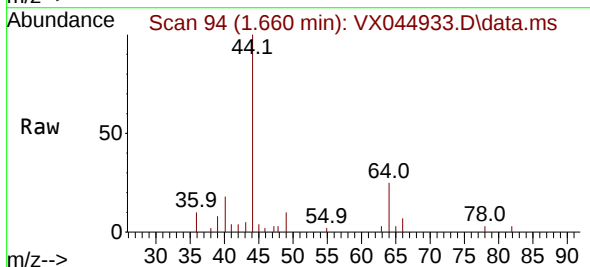
Tgt Ion: 94 Resp: 54.3
Ion Ratio Lower Upper
94 100
96 54.3 71.6 107.4

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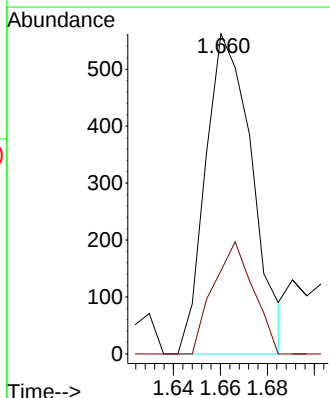
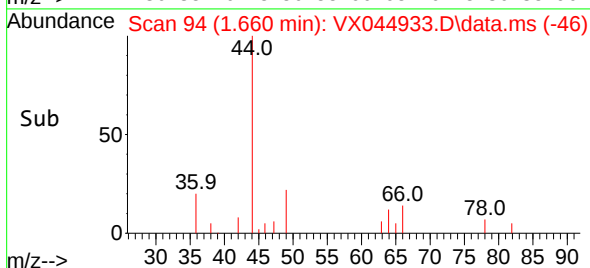
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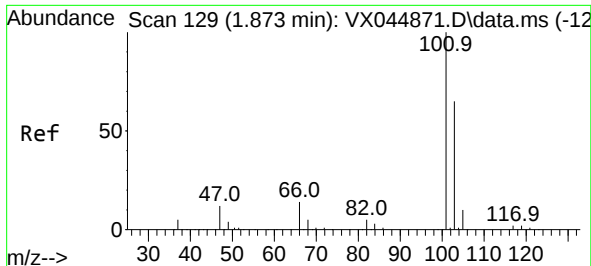


#6
Chloroethane
Concen: 1.195 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12



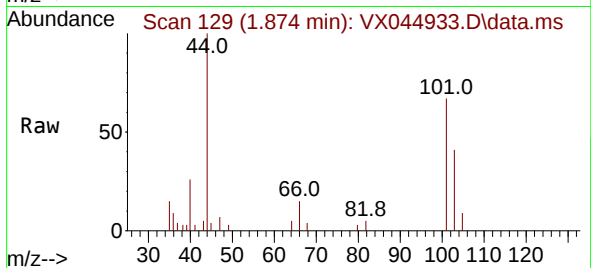
Tgt Ion: 64 Resp: 776
Ion Ratio Lower Upper
64 100
66 26.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 0.740 ug/l
RT: 1.874 min Scan# 101
Delta R.T. 0.001 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

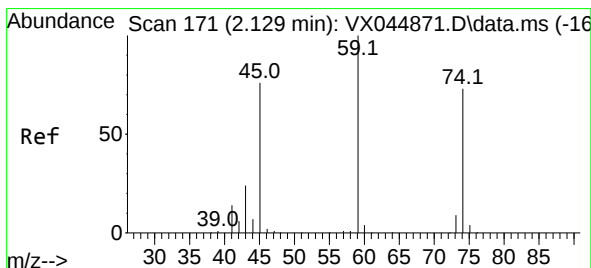
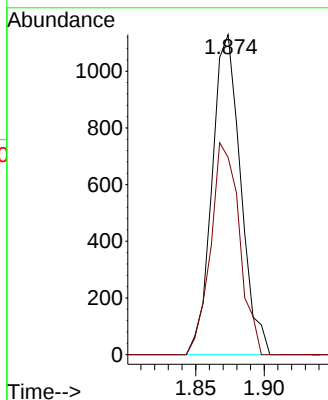
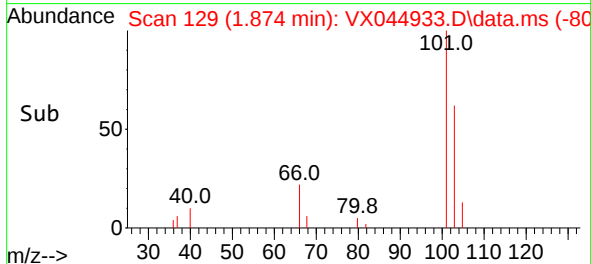
Instrument : MSVOA_X
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Tgt Ion:101 Resp: 1639
Ion Ratio Lower Upper
101 100
103 61.6 52.4 78.6

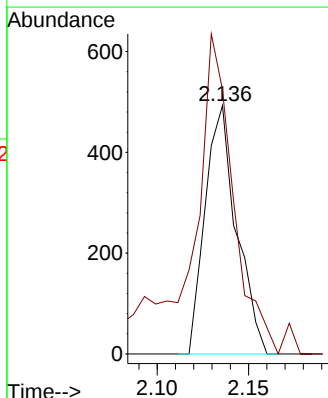
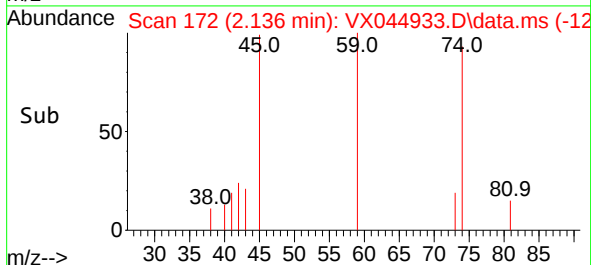
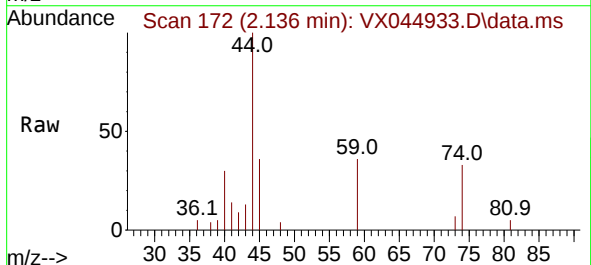
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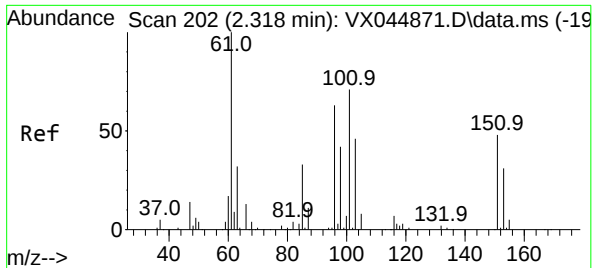
Reviewed By :John Carlone 02/14/2025
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#8
Diethyl Ether
Concen: 0.733 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion: 74 Resp: 589
Ion Ratio Lower Upper
74 100
45 170.1 51.1 153.4#





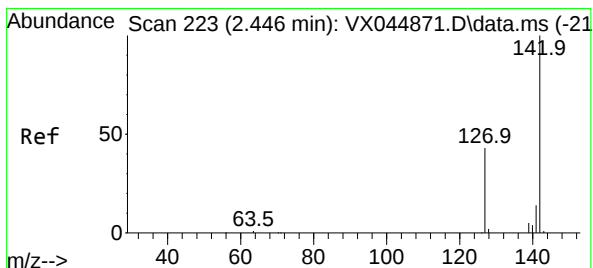
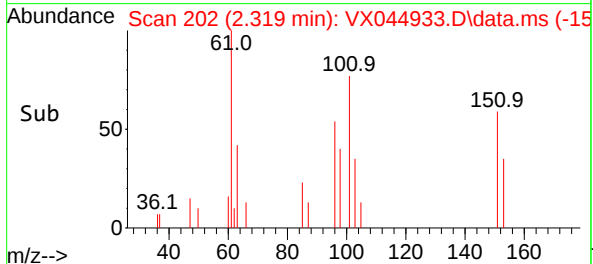
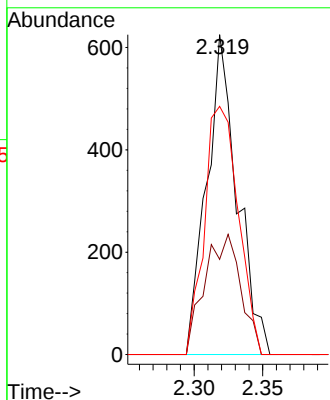
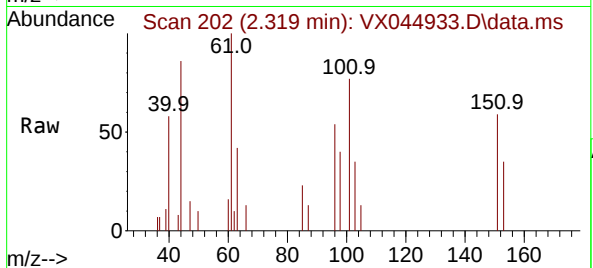
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.725 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 970
Ion Ratio Lower Upper
101 100
85 44.3 35.7 53.5
151 85.9 56.0 84.0

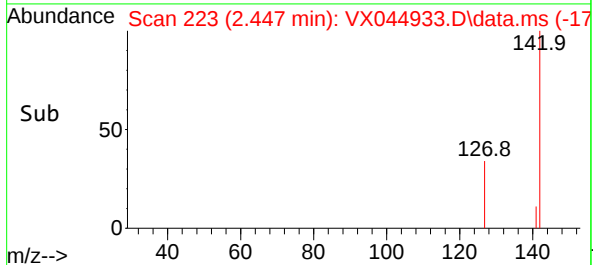
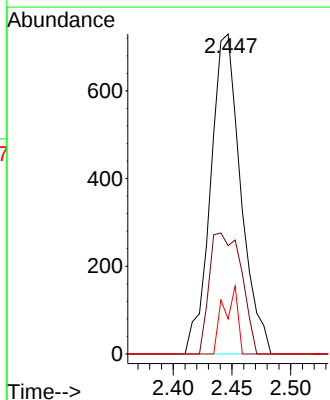
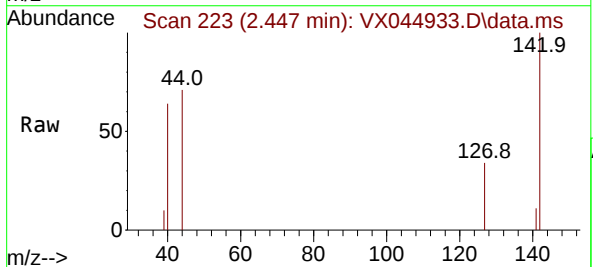
Manual Integrations
APPROVED

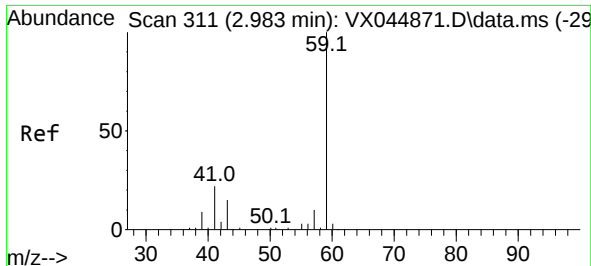
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#10
Methyl Iodide
Concen: 0.753 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion:142 Resp: 1306
Ion Ratio Lower Upper
142 100
127 40.0 34.3 51.5
141 10.0 11.4 17.2





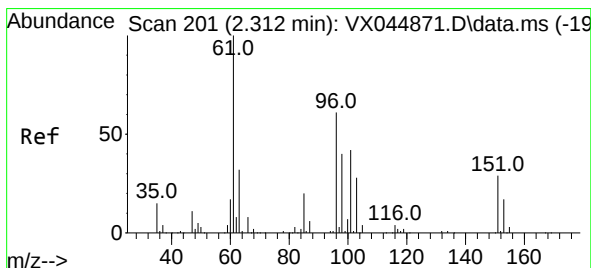
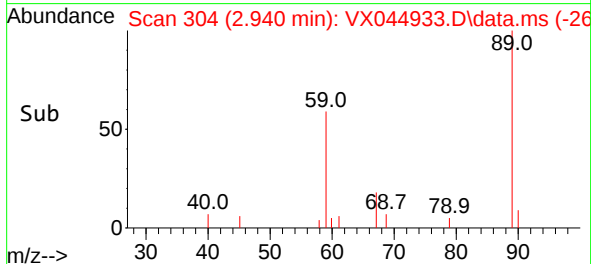
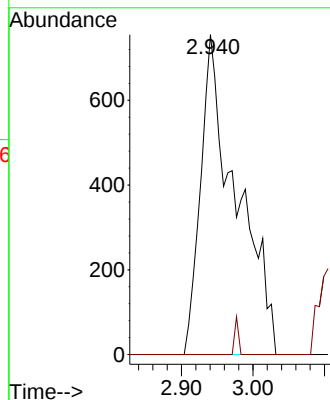
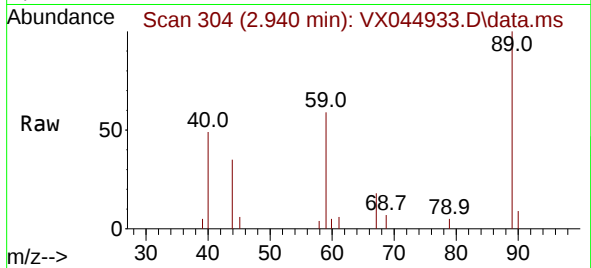
#11
Tert butyl alcohol
Concen: 9.067 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion: 59 Resp: 2609
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1

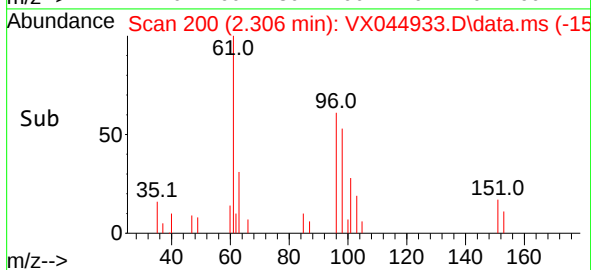
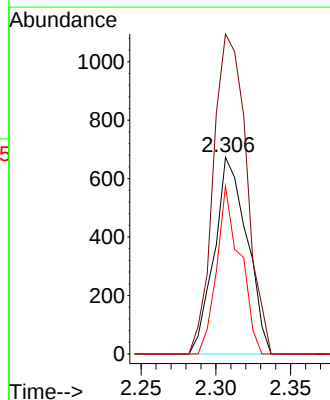
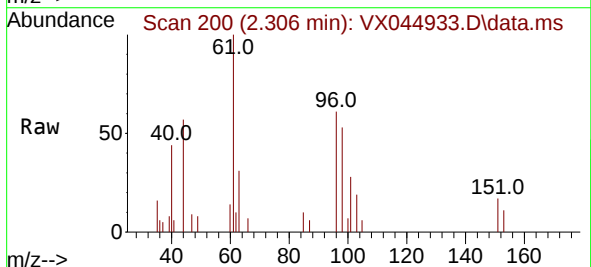
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 0.748 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

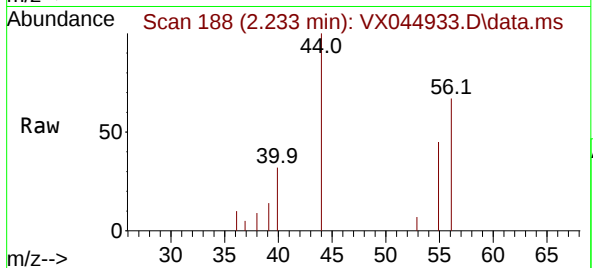
Tgt Ion: 96 Resp: 1021
Ion Ratio Lower Upper
96 100
61 162.7 130.2 195.4
98 85.4 52.2 78.4





#13
Acrolein
Concen: 4.493 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

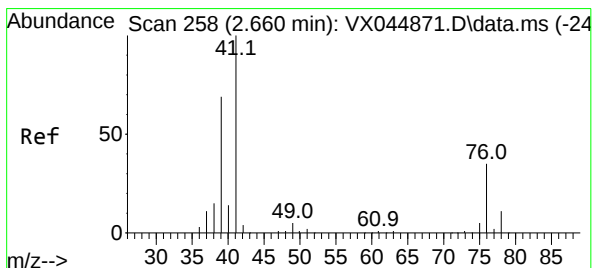
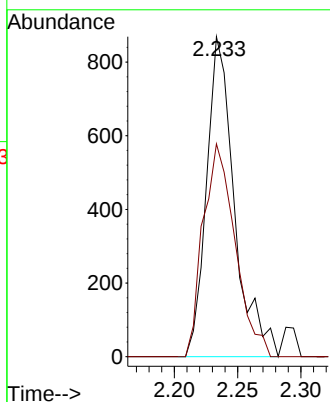
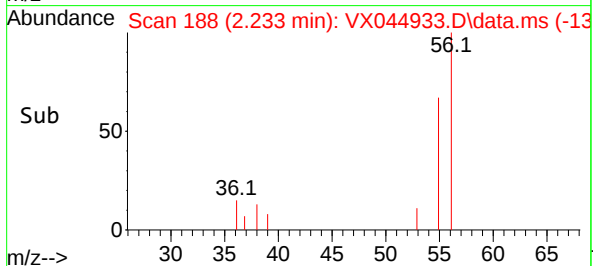
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



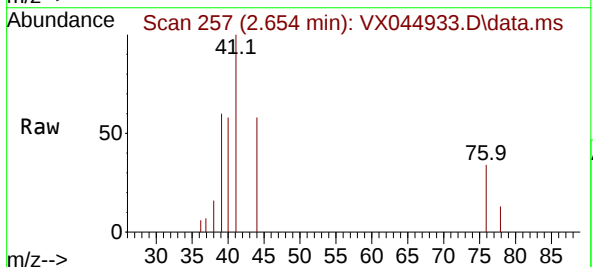
Tgt Ion: 56 Resp: 1334
Ion Ratio Lower Upper
56 100
55 76.2 55.7 83.5

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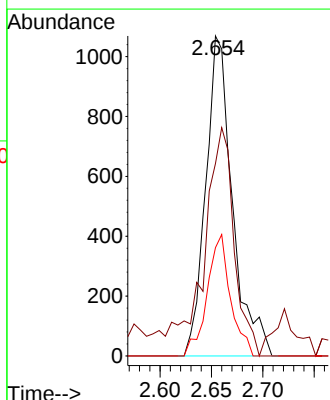
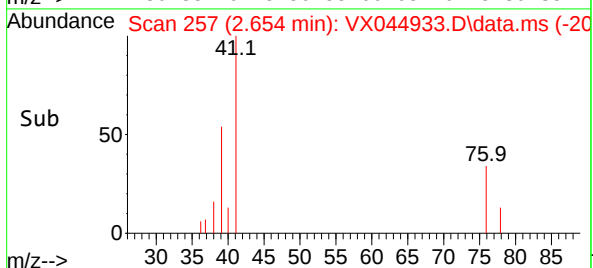
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#14
Allyl chloride
Concen: 0.785 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12



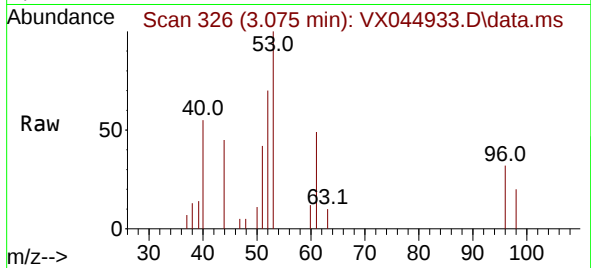
Tgt Ion: 41 Resp: 1938
Ion Ratio Lower Upper
41 100
39 80.3 51.4 77.2#
76 33.1 27.0 40.4





#15
Acrylonitrile
Concen: 3.767 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

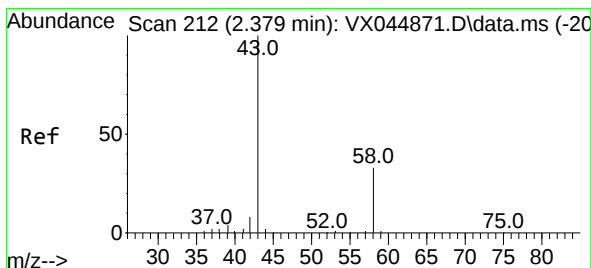
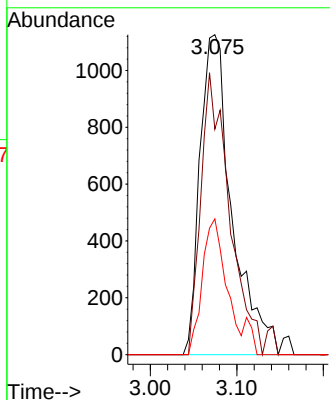
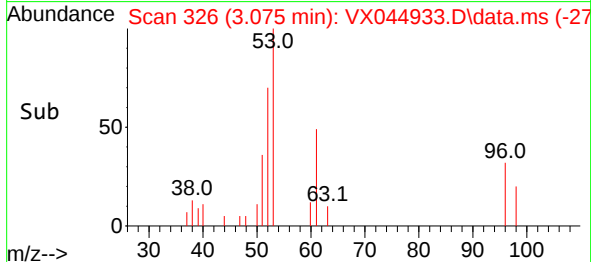
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



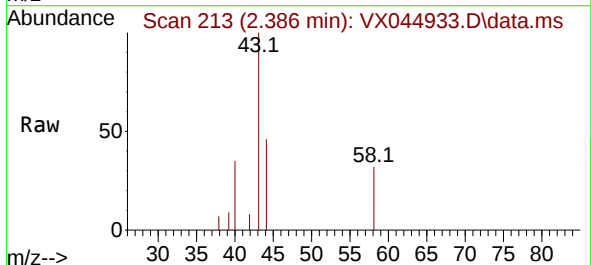
Tgt Ion: 53 Resp: 2894
Ion Ratio Lower Upper
53 100
52 78.0 65.0 97.6
51 31.6 28.0 42.0

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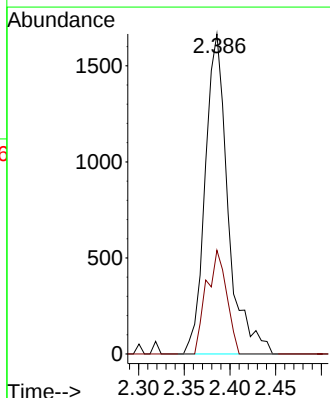
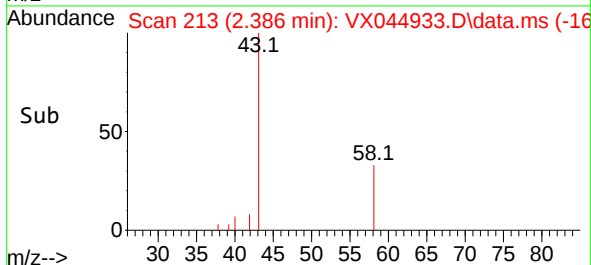
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

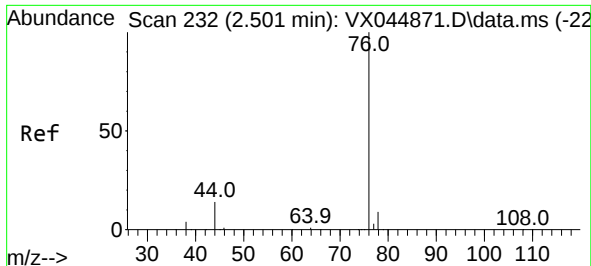


#16
Acetone
Concen: 4.645 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12



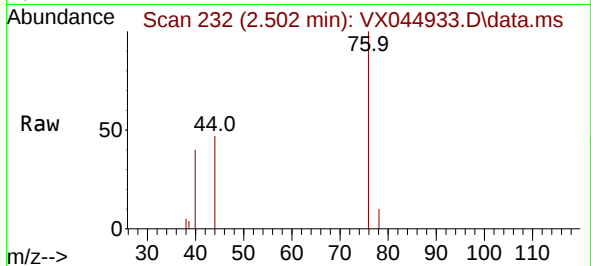
Tgt Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
58 32.4 26.5 39.7





#17
Carbon Disulfide
Concen: 0.688 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

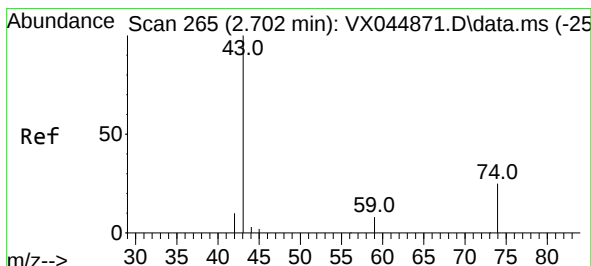
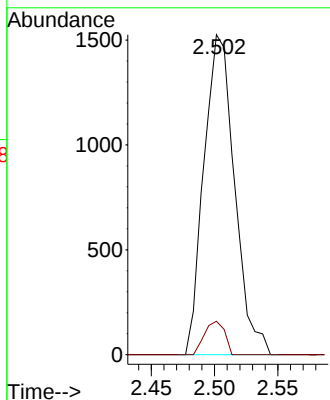
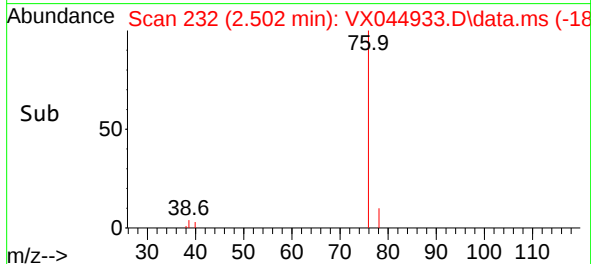
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 76 Resp: 257
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4

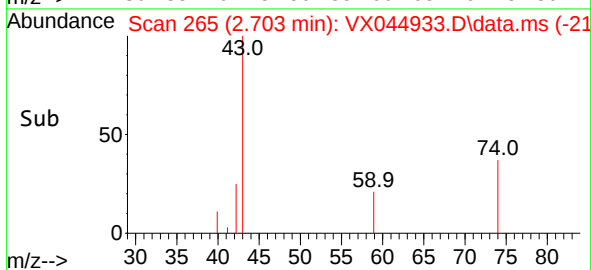
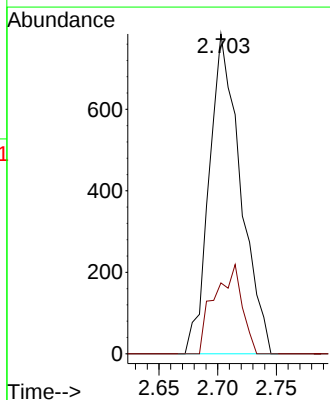
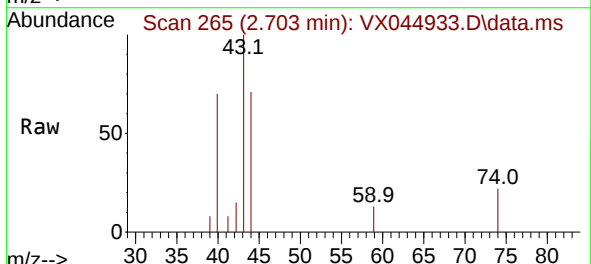
Manual Integrations
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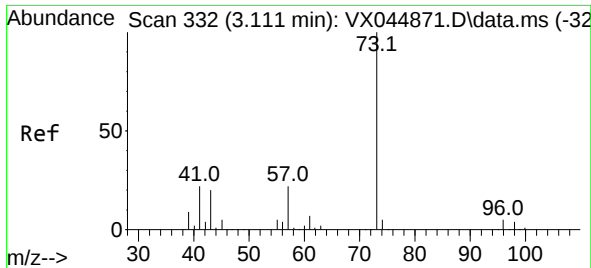
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#18
Methyl Acetate
Concen: 0.742 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
74 24.5 18.9 28.3





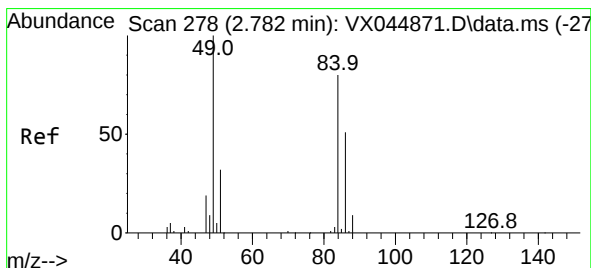
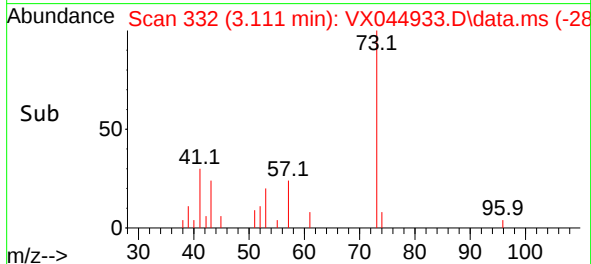
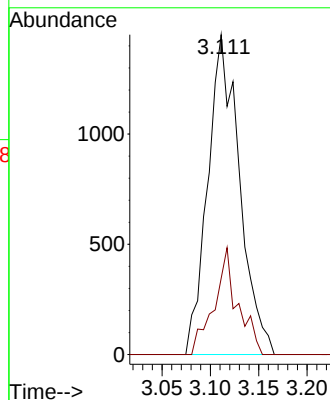
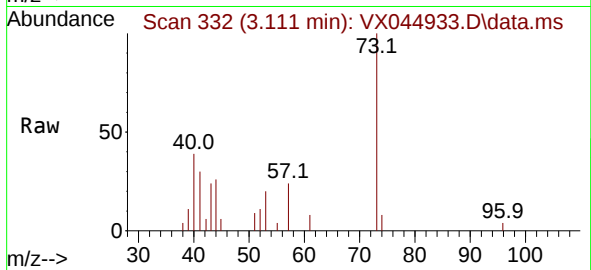
#19
Methyl tert-butyl Ether
Concen: 0.761 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion: 73 Resp: 3300
Ion Ratio Lower Upper
73 100
57 23.8 17.9 26.9

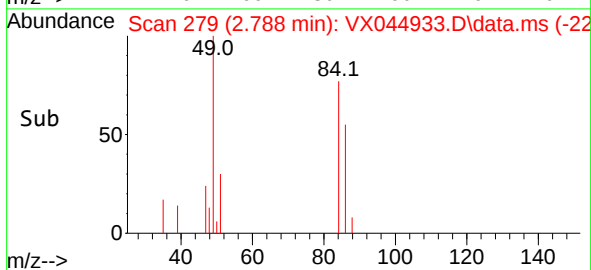
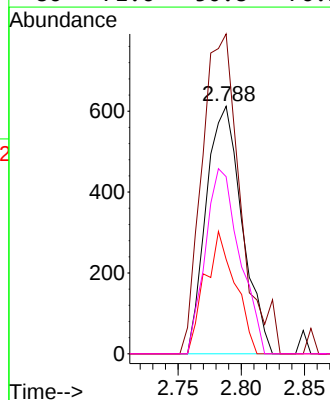
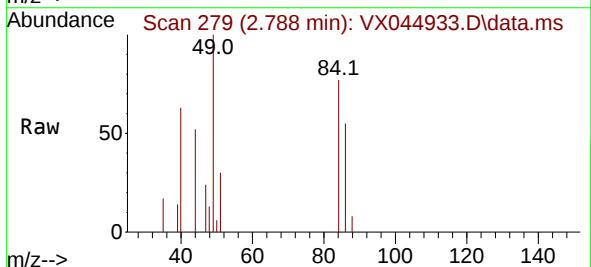
Manual Integrations
APPROVED

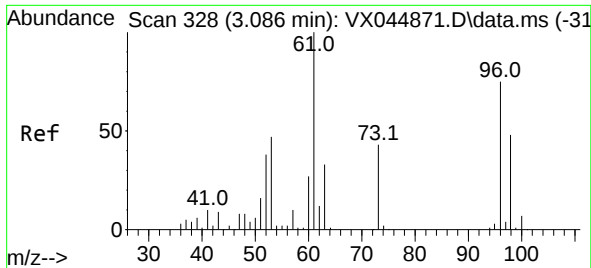
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#20
Methylene Chloride
Concen: 0.792 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

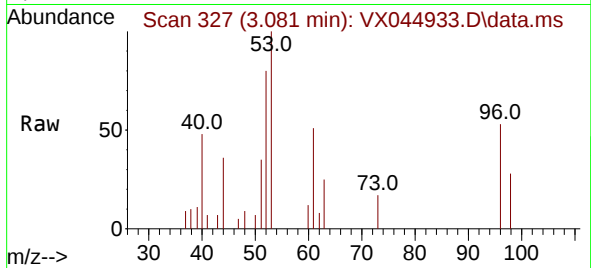
Tgt Ion: 84 Resp: 1210
Ion Ratio Lower Upper
84 100
49 129.2 100.1 150.1
51 38.2 31.7 47.5
86 71.6 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 0.816 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

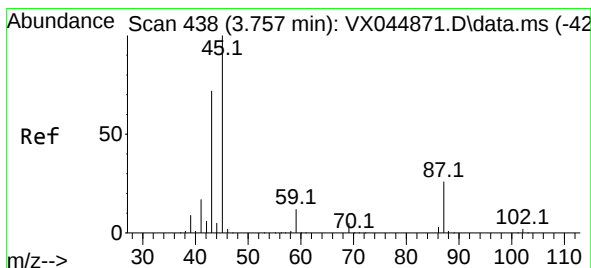
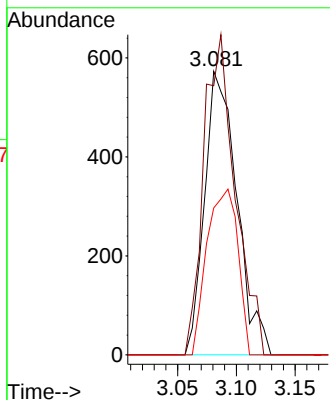
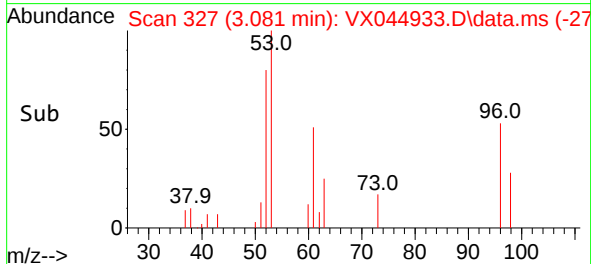
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



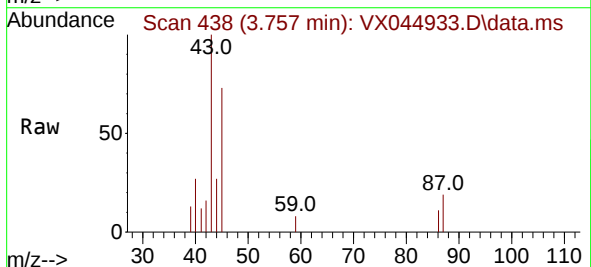
Tgt Ion: 96 Resp: 109
Ion Ratio Lower Upper
96 100
61 94.9 106.0 159.0
98 51.8 50.6 76.0

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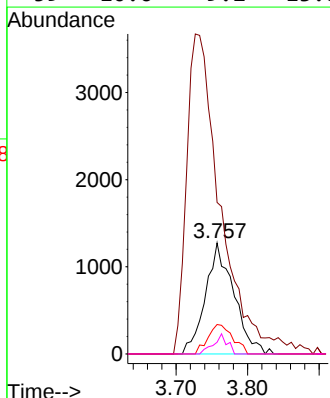
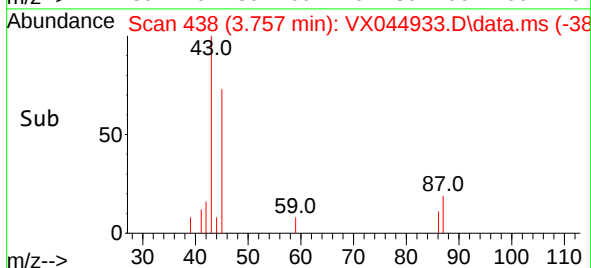
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#22
Diisopropyl ether
Concen: 0.754 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12



Tgt Ion: 45 Resp: 3521
Ion Ratio Lower Upper
45 100
43 121.7 58.0 87.0#
87 26.5 20.7 31.1
59 10.6 9.2 13.8





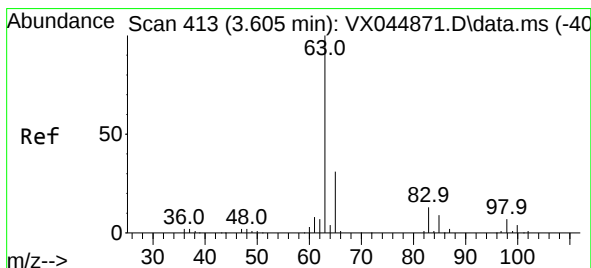
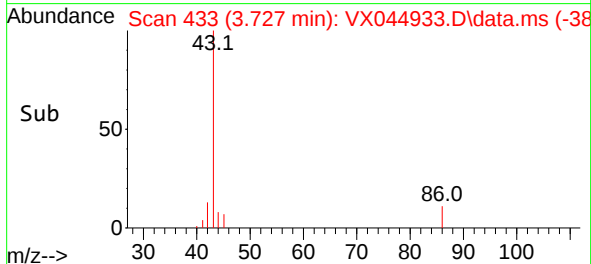
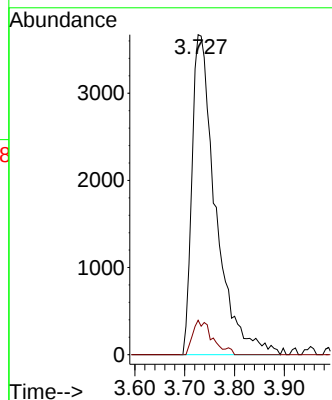
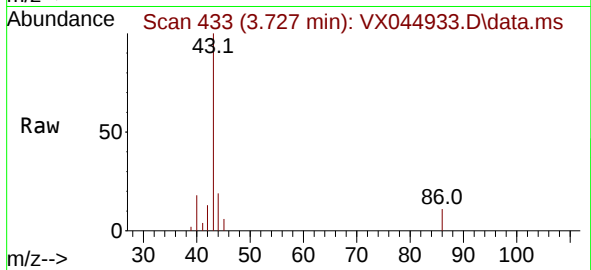
#23
 Vinyl Acetate
 Concen: 3.185 ug/l
 RT: 3.727 min Scan# 412
 Delta R.T. 0.012 min
 Lab File: VX044933.D
 Acq: 12 Feb 2025 15:12

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

Tgt Ion: 43 Resp: 1212
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.3 12.5

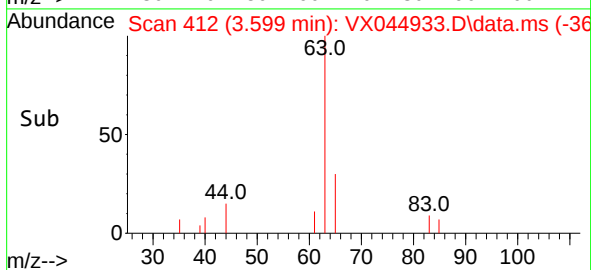
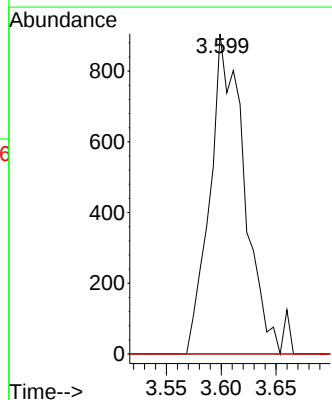
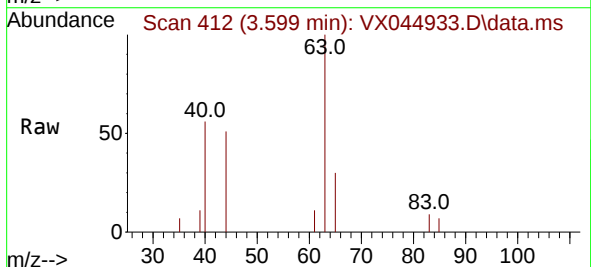
Manual Integrations
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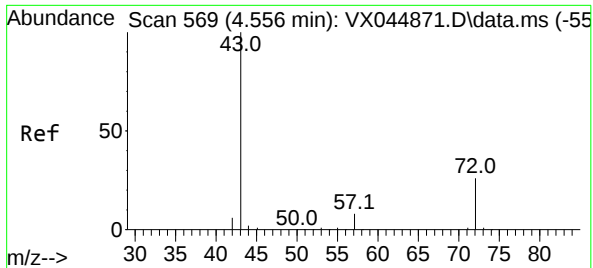
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025



#24
 1,1-Dichloroethane
 Concen: 0.748 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044933.D
 Acq: 12 Feb 2025 15:12

Tgt Ion: 63 Resp: 1955
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#





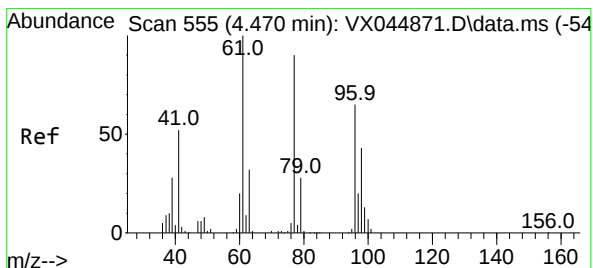
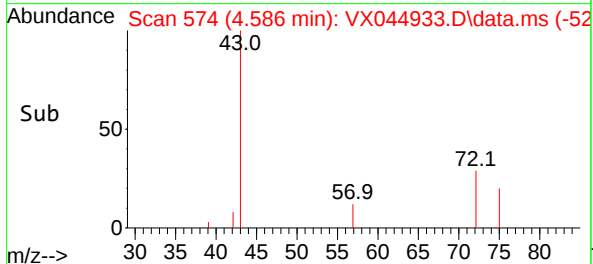
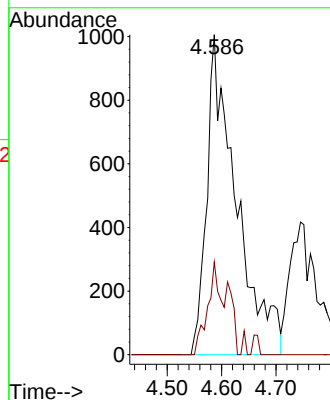
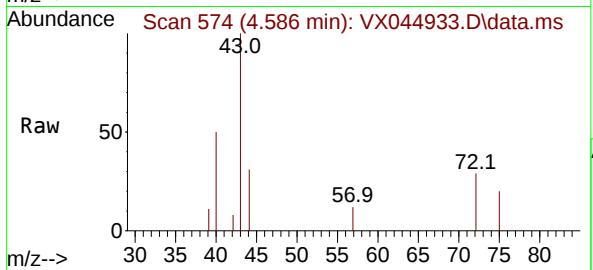
#25
2-Butanone
Concen: 3.705 ug/l m
RT: 4.586 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
72 29.0 21.2 31.8

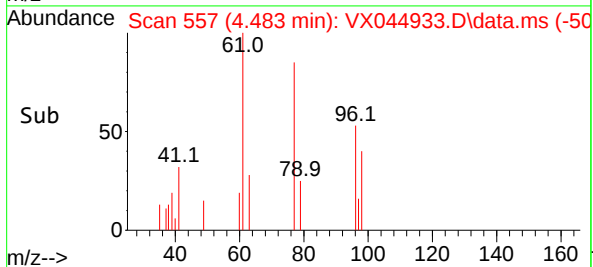
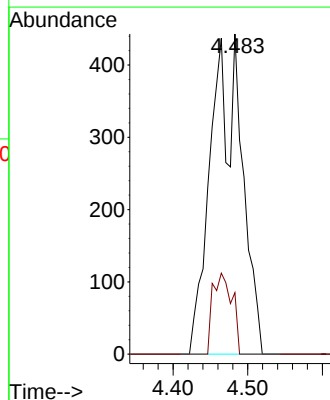
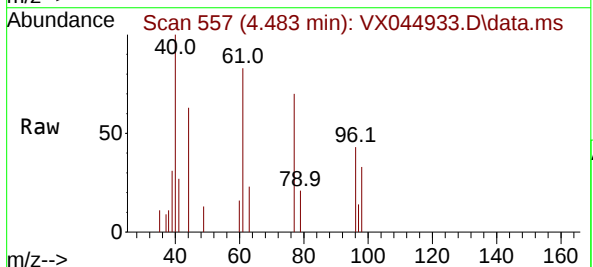
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 0.610 ug/l m
RT: 4.483 min Scan# 557
Delta R.T. 0.012 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion: 77 Resp: 1264
Ion Ratio Lower Upper
77 100
97 16.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 0.677 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

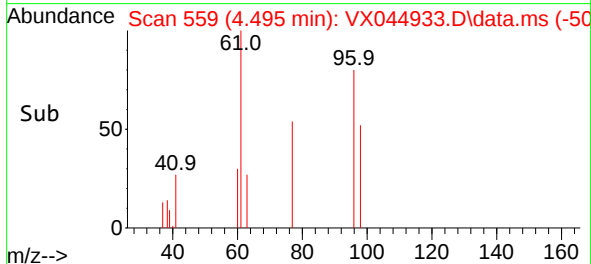
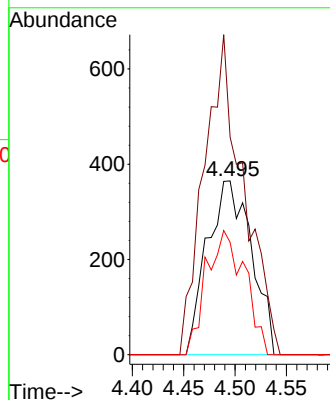
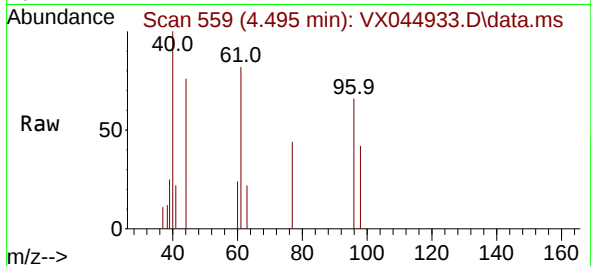
Tgt Ion: 96	Resp: 109
Ion Ratio	Lower Upper
96	100
61	163.6 0.0 294.0
98	61.9 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#28

Bromochloromethane

Concen: 0.669 ug/l

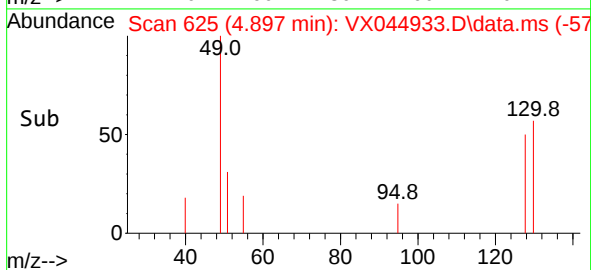
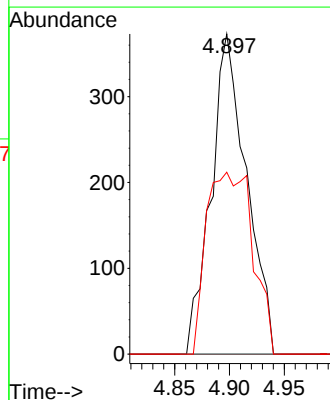
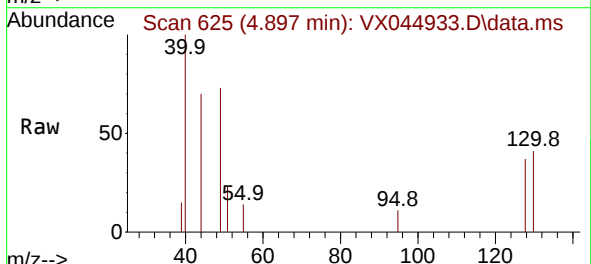
RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Tgt Ion: 49	Resp: 840
Ion Ratio	Lower Upper
49	100
129	0.0 0.0 3.6
130	74.6 56.7 85.1





#29

Tetrahydrofuran

Concen: 3.895 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX044933.D

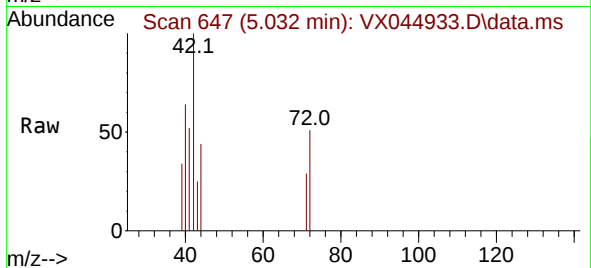
Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 42 Resp: 2619

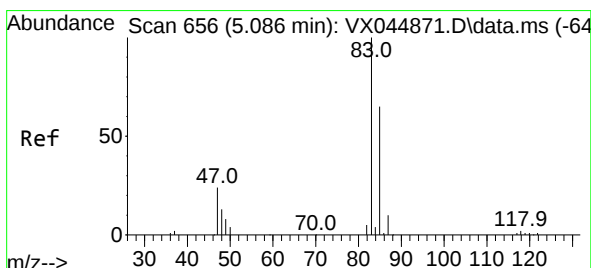
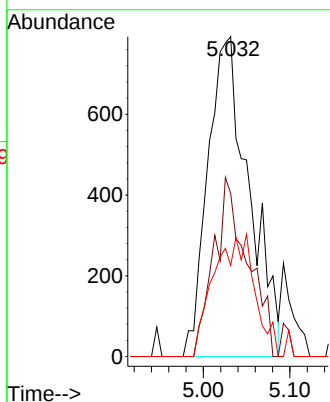
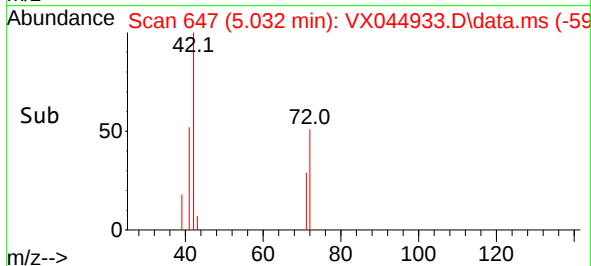
Ion	Ratio	Lower	Upper
42	100		
72	45.9	35.0	52.4
71	18.5	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 0.791 ug/l

RT: 5.099 min Scan# 658

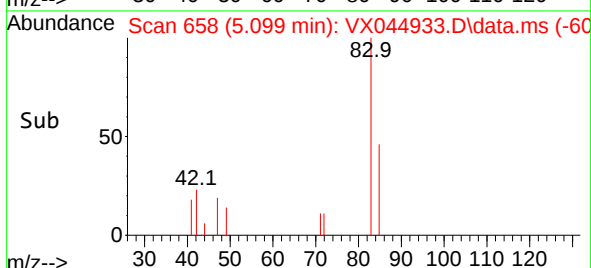
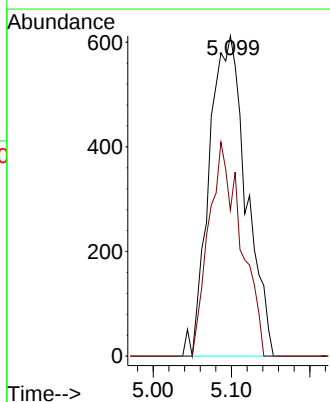
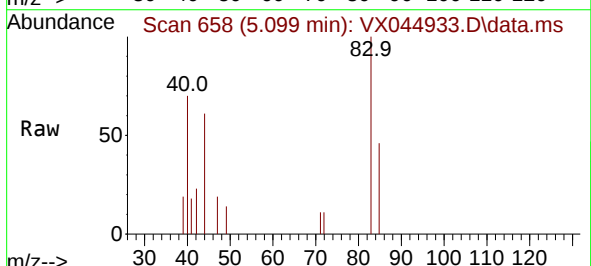
Delta R.T. 0.012 min

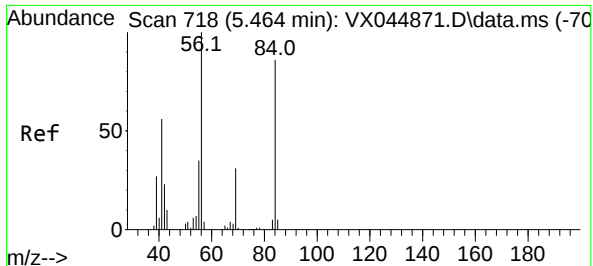
Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Tgt Ion: 83 Resp: 2004

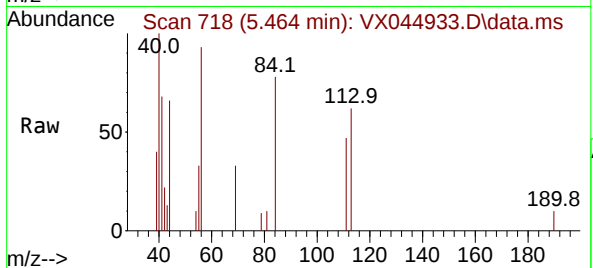
Ion	Ratio	Lower	Upper
83	100		
85	45.6	52.1	78.1





#31
Cyclohexane
Concen: 0.765 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

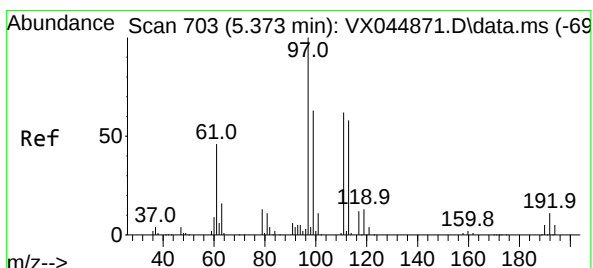
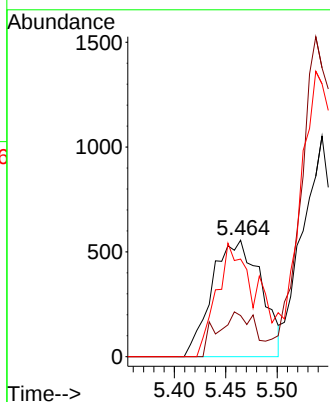
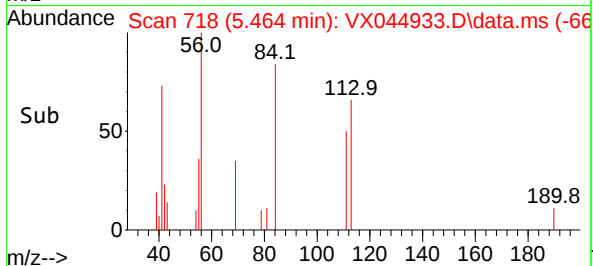
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
69 35.3 24.4 36.6
84 83.8 69.0 103.6

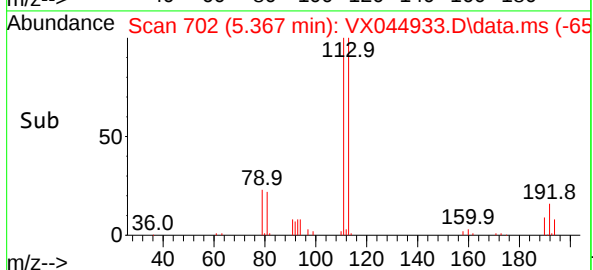
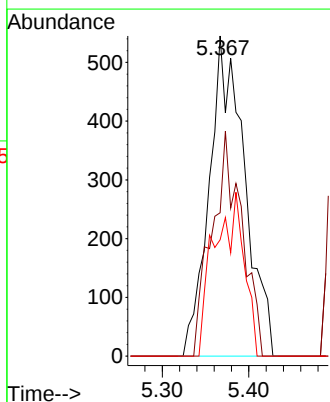
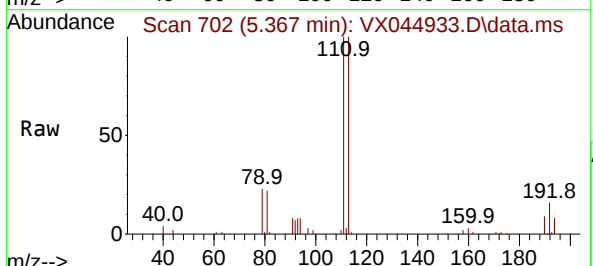
Manual Integrations
APPROVED

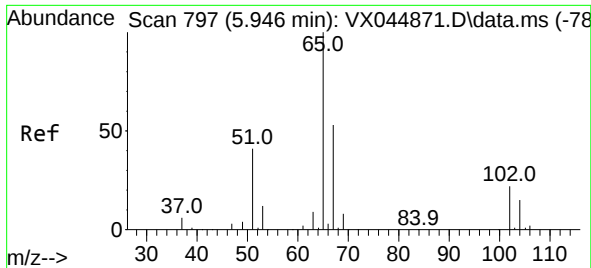
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#32
1,1,1-Trichloroethane
Concen: 0.717 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion: 97 Resp: 1541
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6#
61 43.0 36.6 55.0





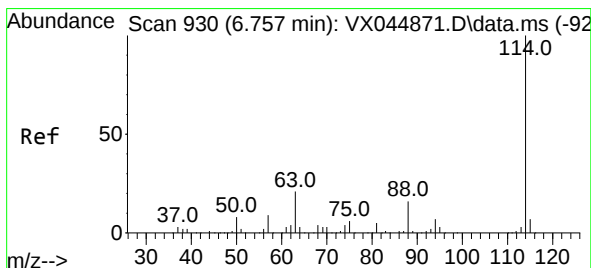
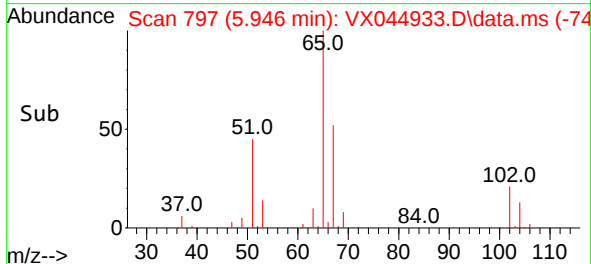
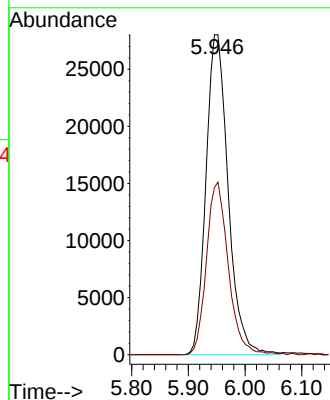
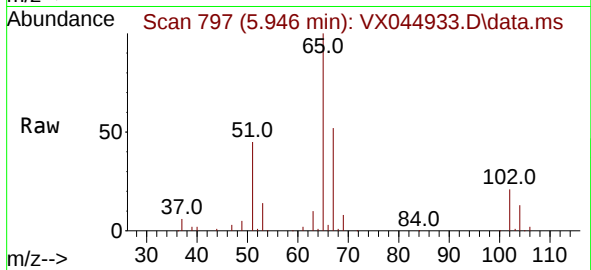
#33
 1,2-Dichloroethane-d4
 Concen: 49.125 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044933.D
 Acq: 12 Feb 2025 15:12

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

Tgt Ion: 65 Resp: 76198
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.2

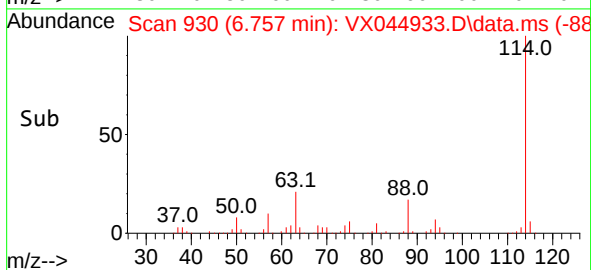
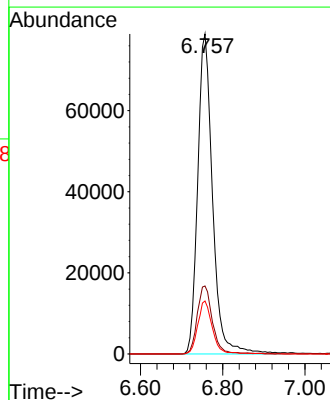
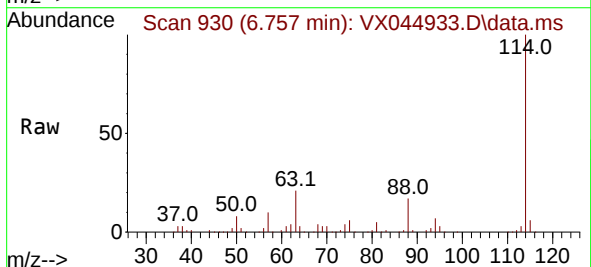
Manual Integrations
 APPROVED

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: VX044933.D
 Acq: 12 Feb 2025 15:12

Tgt Ion:114 Resp: 197843
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.623 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

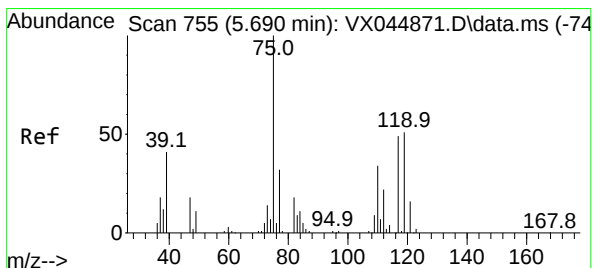
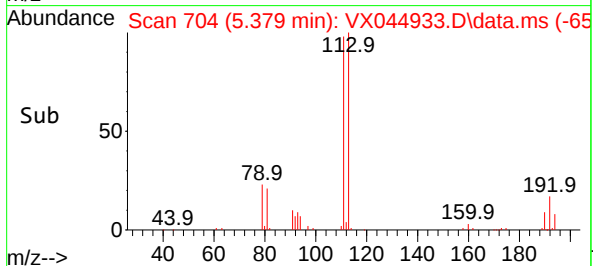
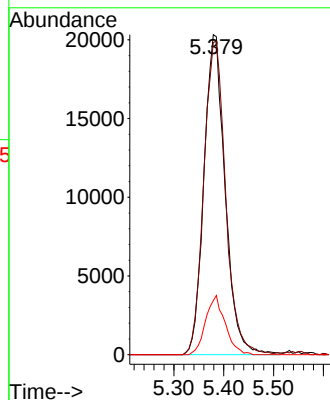
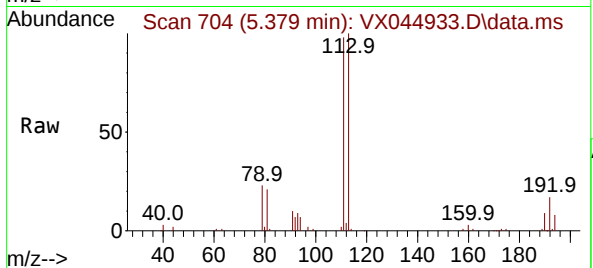
Tgt Ion:	113	Resp:	5997
Ion Ratio	Lower	Upper	
113	100		
111	100.8	83.5	125.3
192	17.0	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#36

1,1-Dichloropropene

Concen: 0.813 ug/l

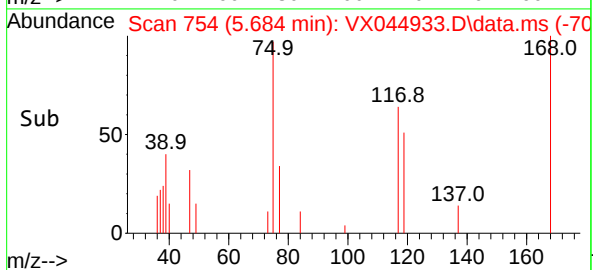
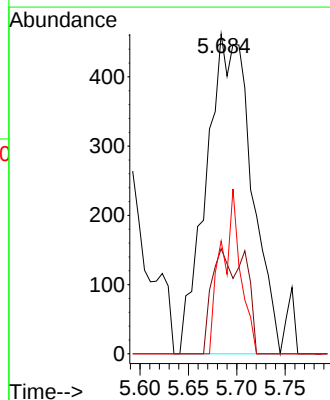
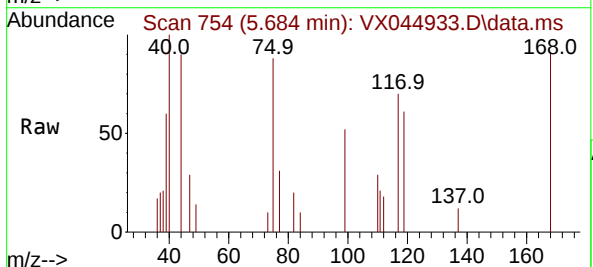
RT: 5.684 min Scan# 754

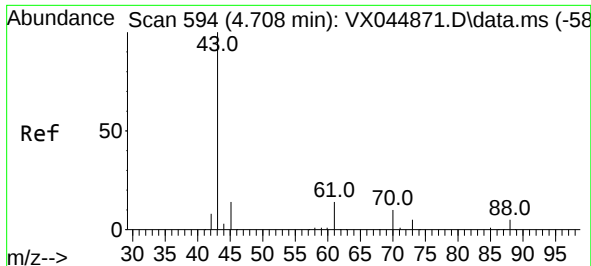
Delta R.T. -0.006 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Tgt Ion:	75	Resp:	1508
Ion Ratio	Lower	Upper	
75	100		
110	14.8	17.2	51.6#
77	21.6	24.6	37.0#





#37

Ethyl Acetate

Concen: 0.690 ug/l m

RT: 4.745 min Scan# 600

Delta R.T. 0.037 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

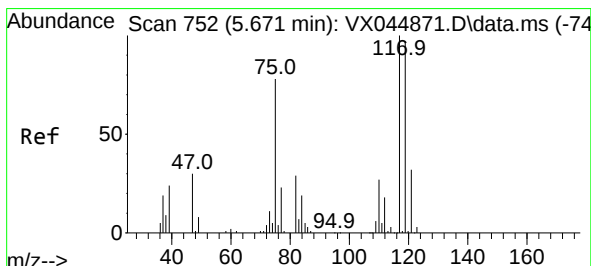
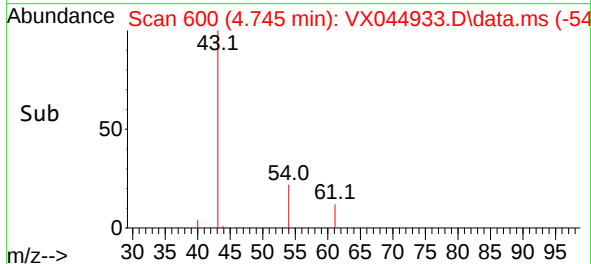
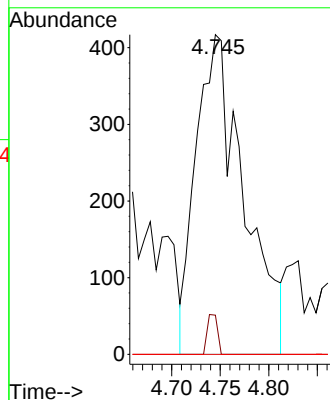
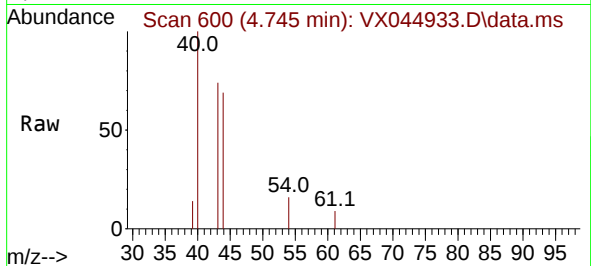
Tgt Ion: 43	Resp: 142
Ion Ratio	Lower Upper
43 100	
61 0.0	11.0 16.4
70 0.0	8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#38

Carbon Tetrachloride

Concen: 0.885 ug/l

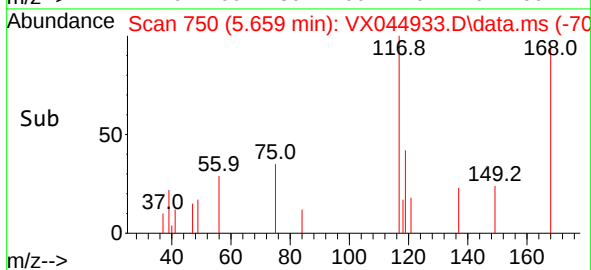
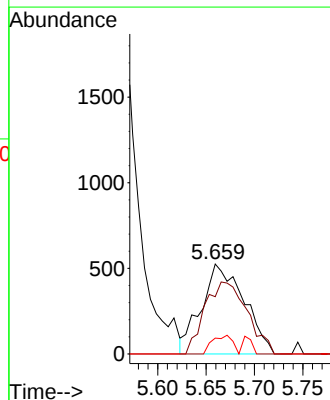
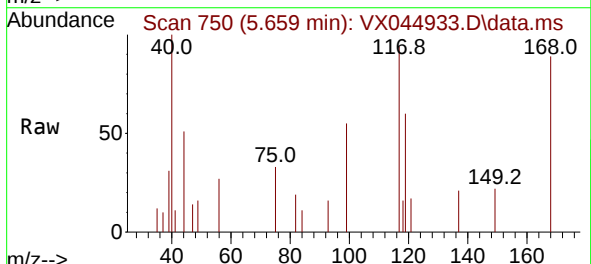
RT: 5.659 min Scan# 750

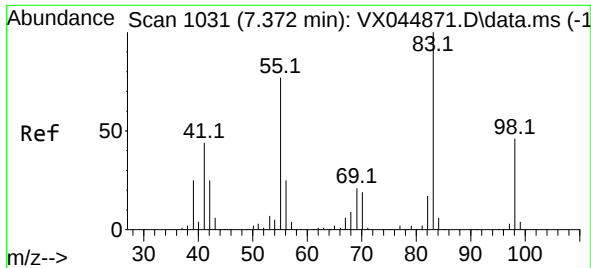
Delta R.T. -0.012 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

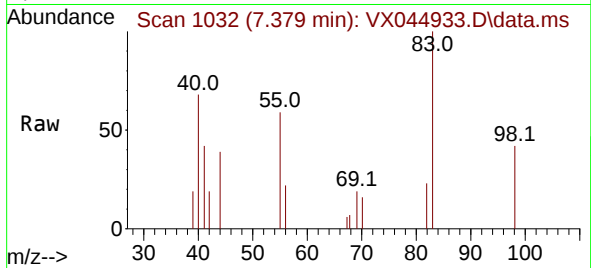
Tgt Ion: 117	Resp: 1610
Ion Ratio	Lower Upper
117 100	
119 63.8	77.5 116.3#
121 17.7	25.6 38.4#





#39
Methylcyclohexane
Concen: 0.735 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

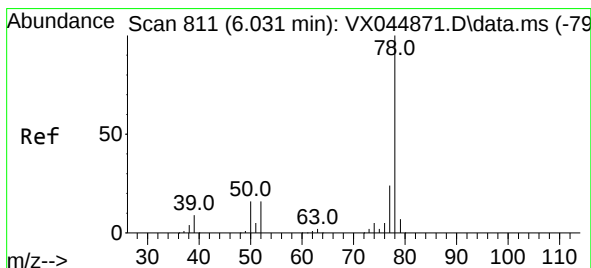
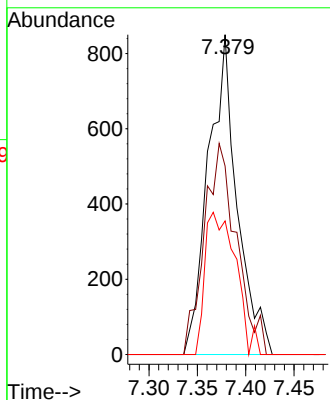
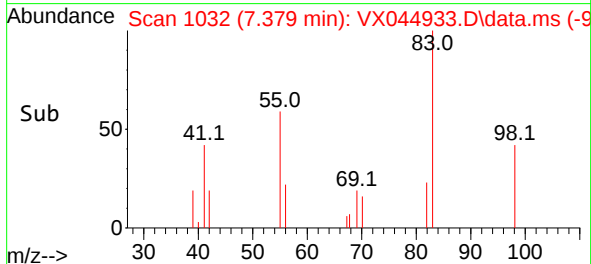
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 83 Resp: 176
Ion Ratio Lower Upper
83 100
55 58.9 61.3 91.9
98 41.8 37.0 55.6

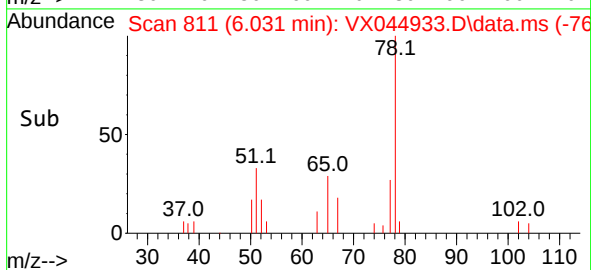
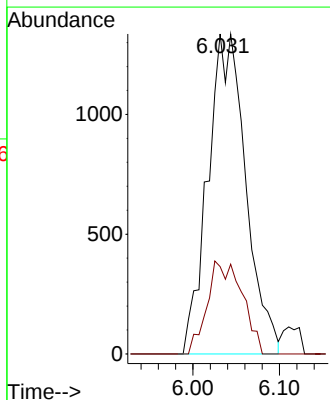
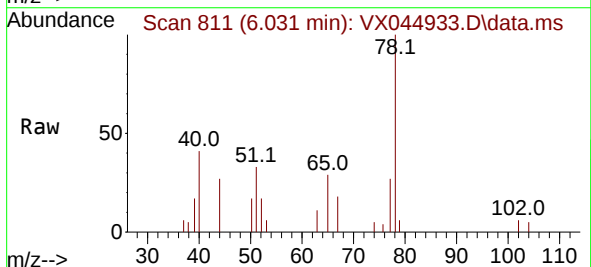
Manual Integrations
APPROVED

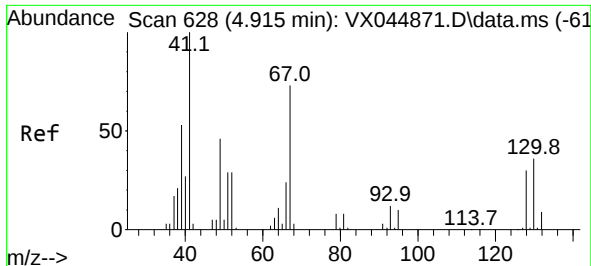
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#40
Benzene
Concen: 0.703 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

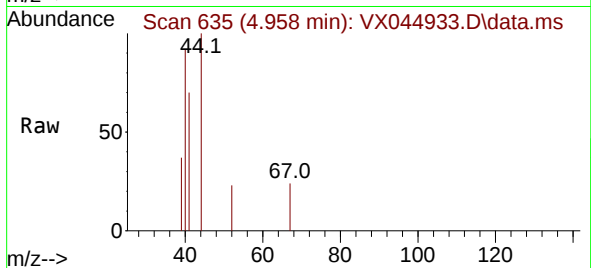
Tgt Ion: 78 Resp: 4075
Ion Ratio Lower Upper
78 100
77 27.3 19.0 28.6





#41
Methacrylonitrile
Concen: 0.713 ug/l m
RT: 4.958 min Scan# 61
Delta R.T. 0.043 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

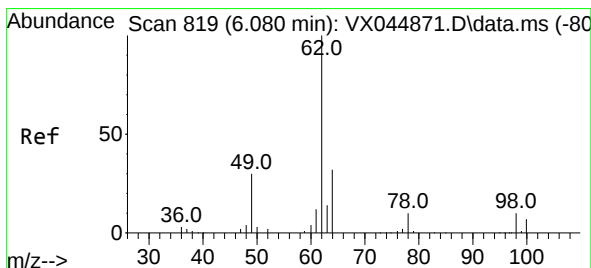
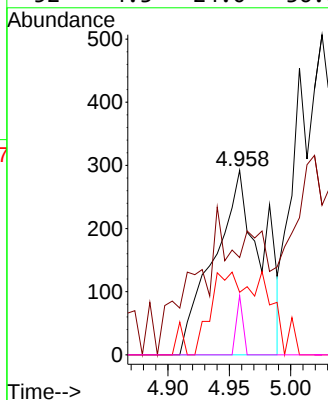
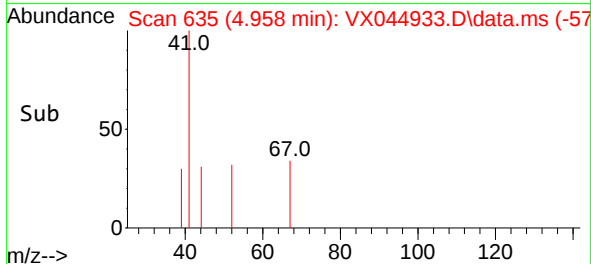
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 41 Resp: 788
Ion Ratio Lower Upper
41 100
39 70.1 43.1 64.7
67 36.4 57.0 85.6
52 4.3 24.0 36.0

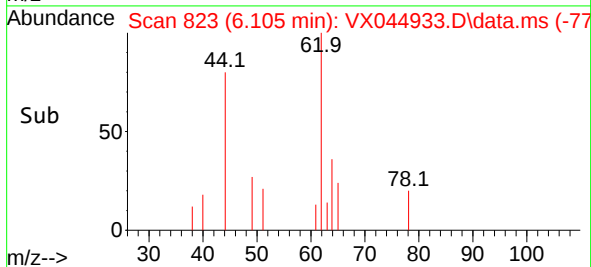
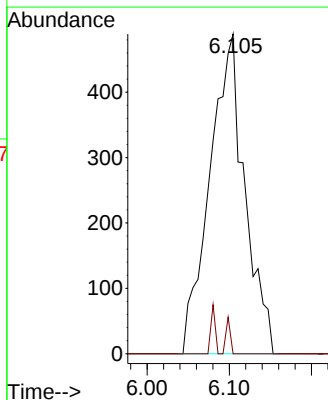
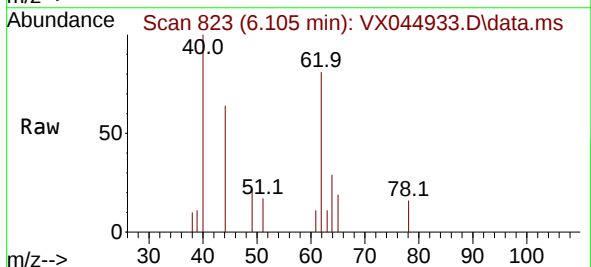
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 0.783 ug/l
RT: 6.105 min Scan# 823
Delta R.T. 0.025 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

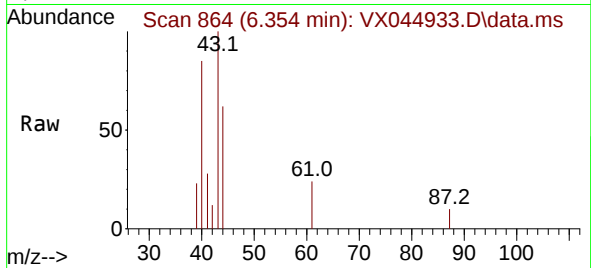
Tgt Ion: 62 Resp: 1446
Ion Ratio Lower Upper
62 100
98 1.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 0.617 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

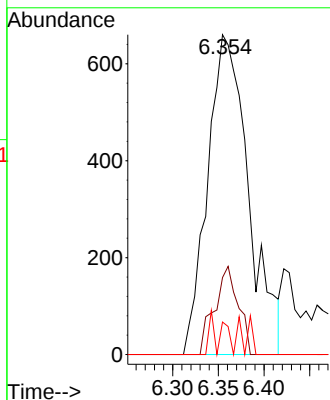
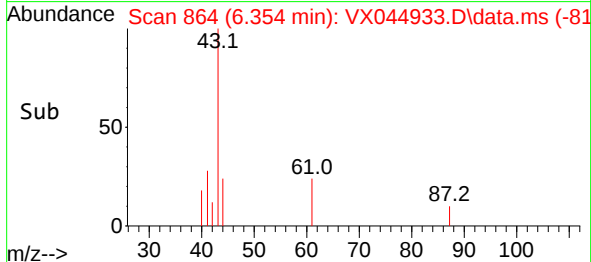
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 205
Ion Ratio Lower Upper
43 100
61 16.1 15.8 23.8
87 1.6 10.0 15.0

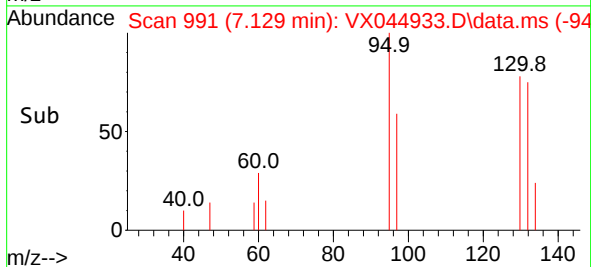
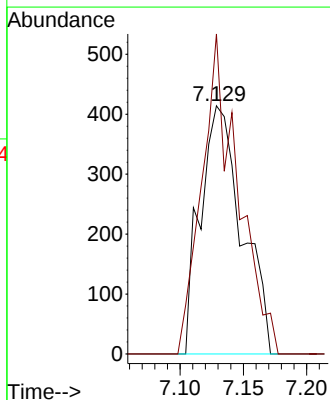
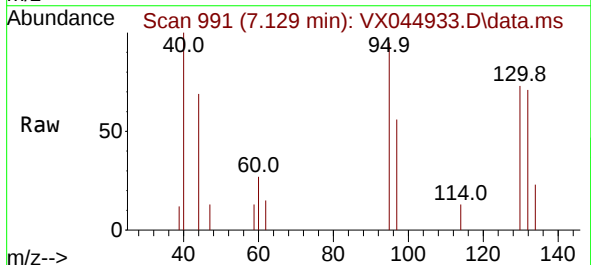
Manual Integrations
APPROVED

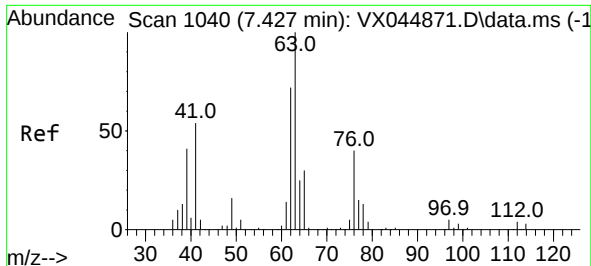
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#44
Trichloroethene
Concen: 0.716 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

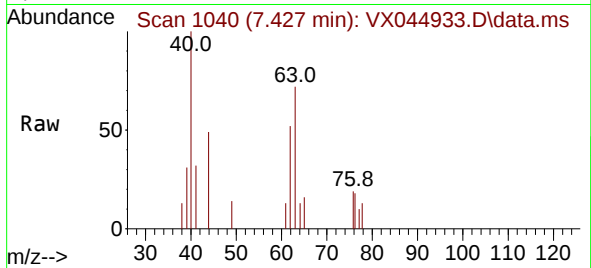
Tgt Ion:130 Resp: 948
Ion Ratio Lower Upper
130 100
95 129.0 0.0 202.4





#45
1,2-Dichloropropane
Concen: 0.672 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

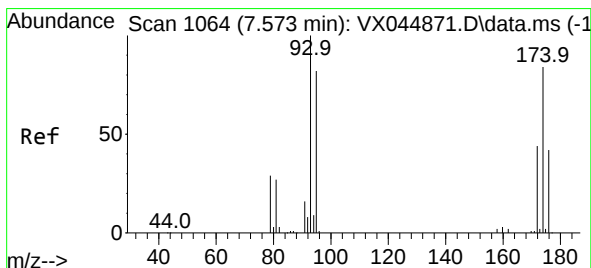
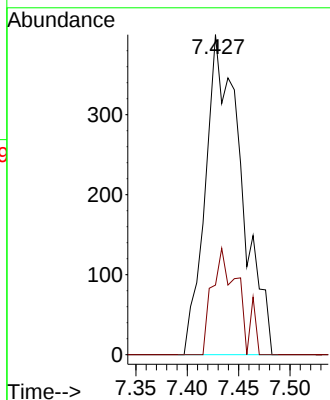
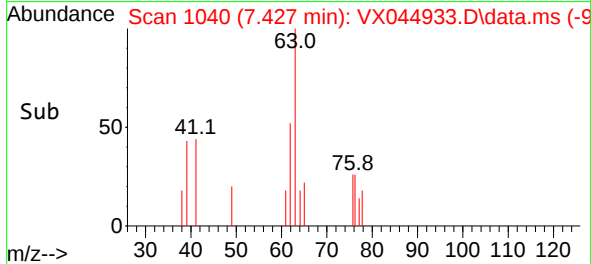
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 63 Resp: 969
Ion Ratio Lower Upper
63 100
65 21.8 24.2 36.4

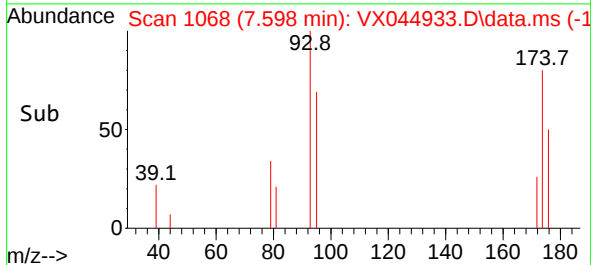
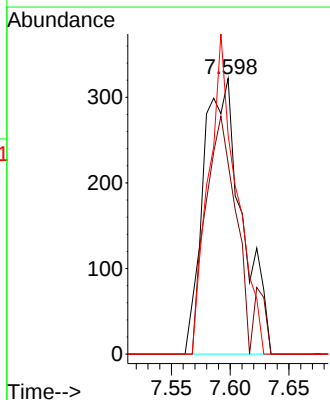
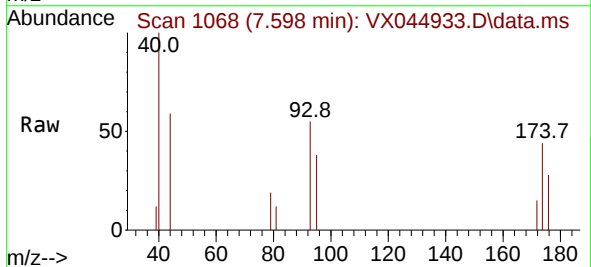
Manual Integrations
APPROVED

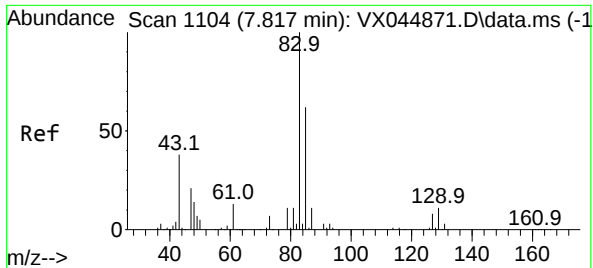
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#46
Dibromomethane
Concen: 0.732 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.025 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

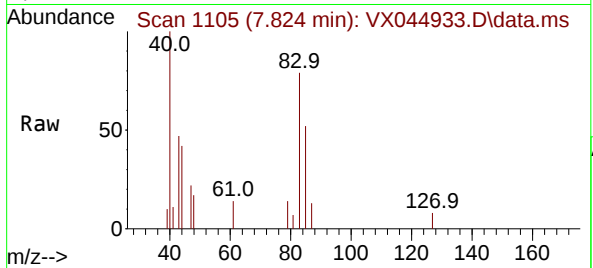
Tgt Ion: 93 Resp: 732
Ion Ratio Lower Upper
93 100
95 74.0 66.2 99.4
174 84.7 69.9 104.9





#47
Bromodichloromethane
Concen: 0.648 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

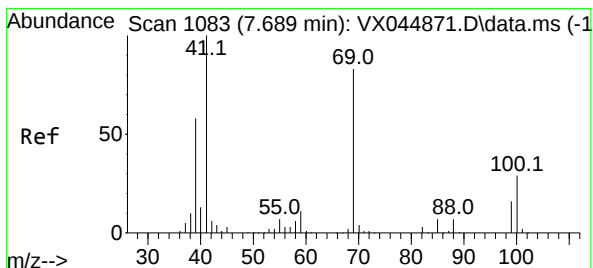
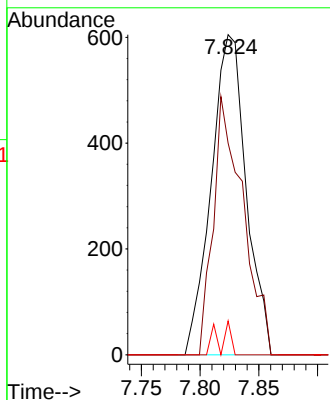
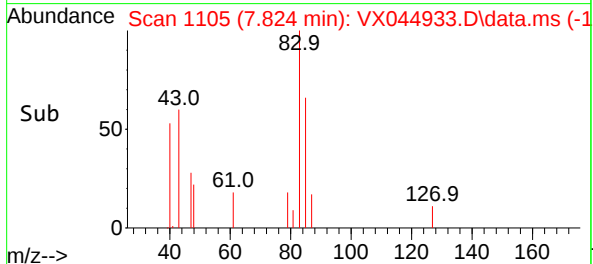
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 83 Resp: 125
Ion Ratio Lower Upper
83 100
85 66.1 50.0 75.0
127 10.6 6.4 9.6

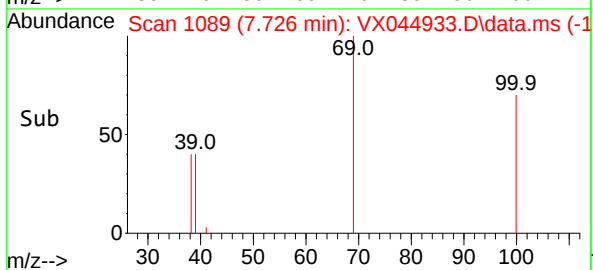
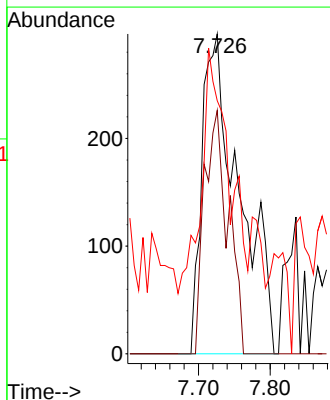
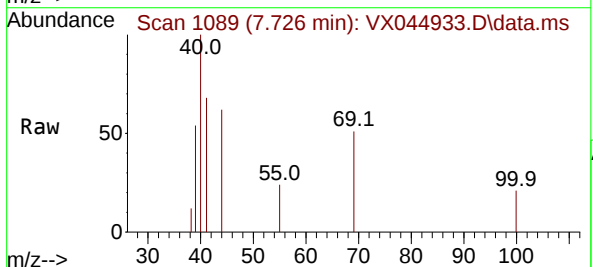
Manual Integrations
APPROVED

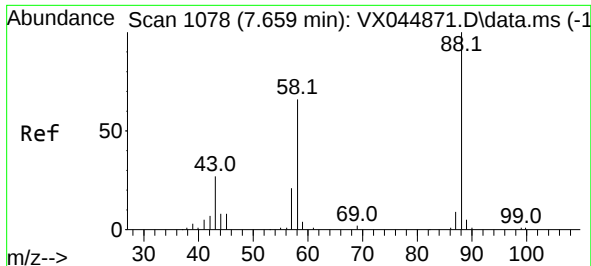
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#48
Methyl methacrylate
Concen: 0.678 ug/l m
RT: 7.726 min Scan# 1089
Delta R.T. 0.037 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion: 41 Resp: 1066
Ion Ratio Lower Upper
41 100
69 48.9 65.8 98.8#
39 54.6 46.4 69.6





#49

1,4-Dioxane

Concen: 13.256 ug/l

RT: 7.690 min Scan# 1078

Delta R.T. 0.031 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

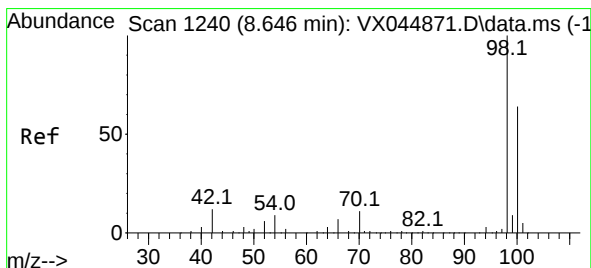
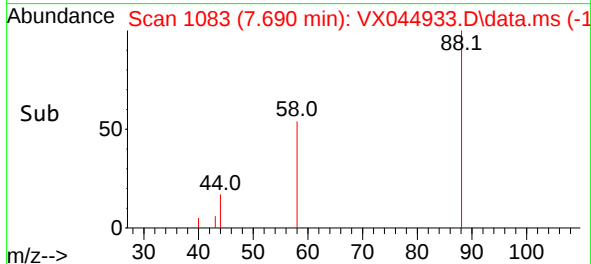
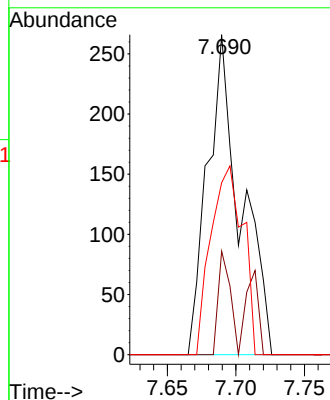
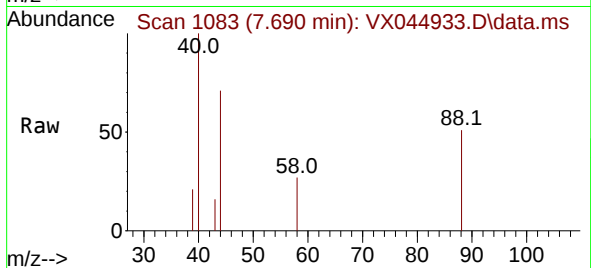
Tgt Ion: 88	Resp: 44
Ion Ratio	Lower Upper
88	100
43	11.6 26.6 39.8
58	57.3 55.9 83.9

Manual Integrations

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Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#50

Toluene-d8

Concen: 45.364 ug/l

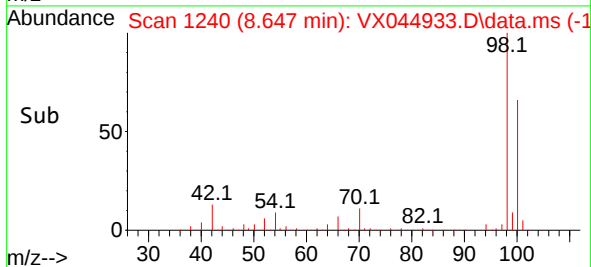
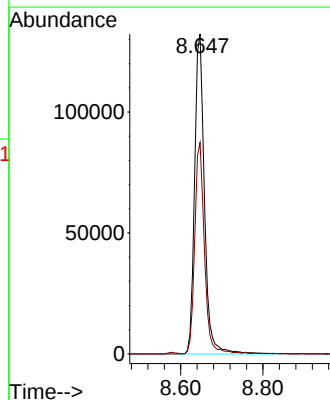
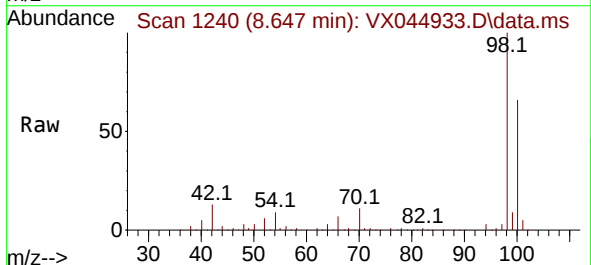
RT: 8.647 min Scan# 1240

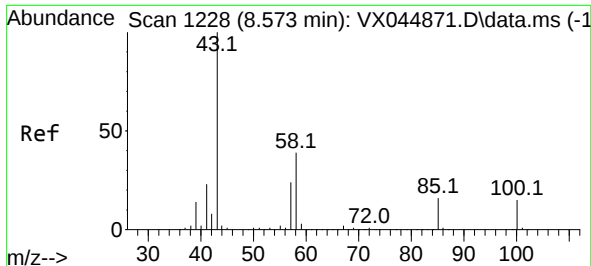
Delta R.T. 0.000 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

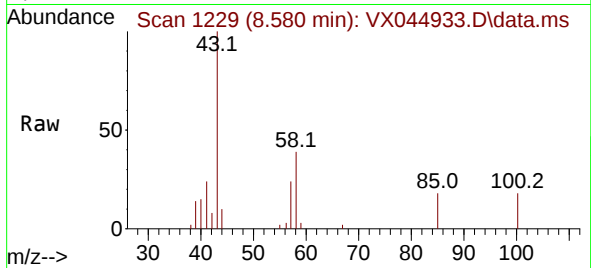
Tgt Ion: 98	Resp: 220655
Ion Ratio	Lower Upper
98	100
100	64.6 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 3.414 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

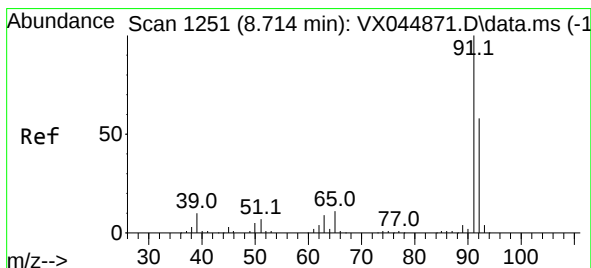
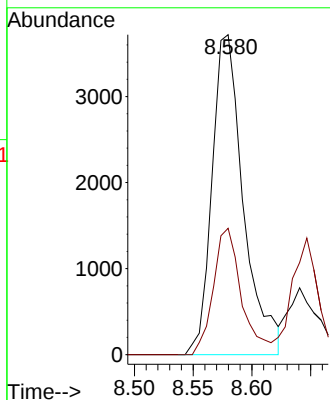
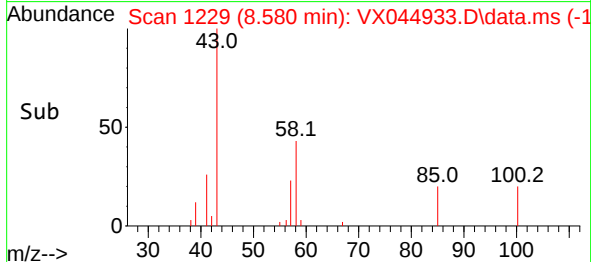
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 6918
Ion Ratio Lower Upper
43 100
58 35.4 30.8 46.2

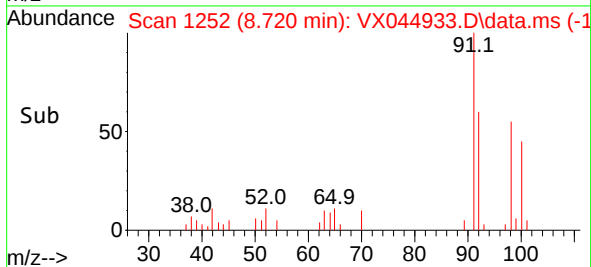
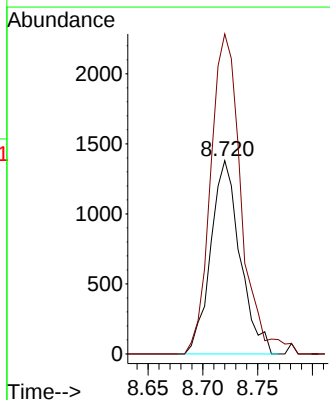
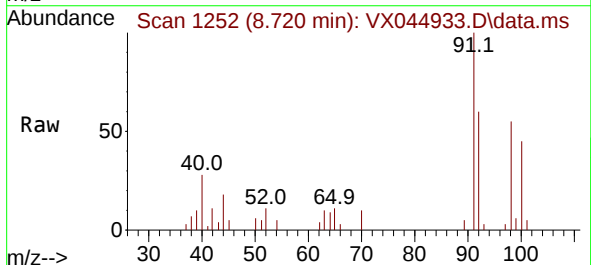
Manual Integrations
APPROVED

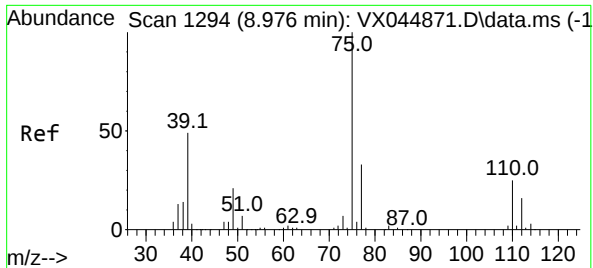
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#52
Toluene
Concen: 0.746 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion: 92 Resp: 2575
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 0.479 ug/l

RT: 9.000 min Scan# 1196

Delta R.T. 0.025 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 75 Resp: 938

Ion Ratio Lower Upper

75 100

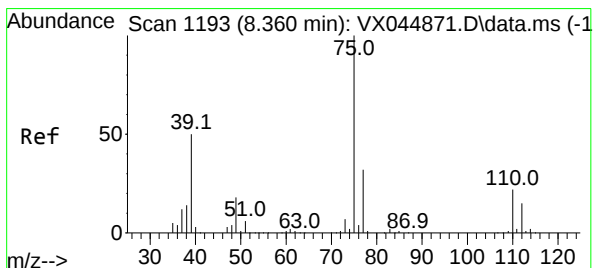
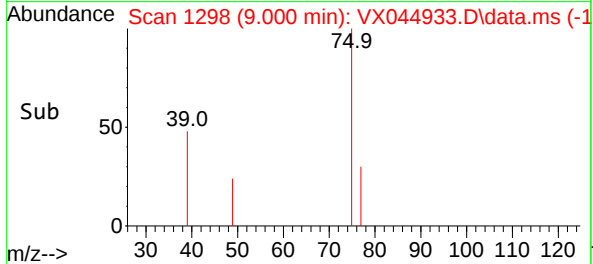
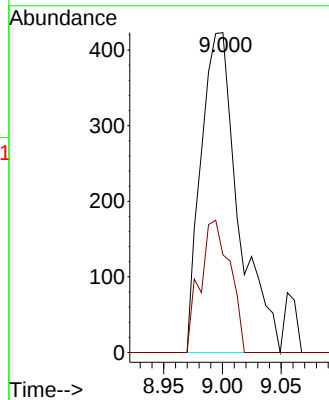
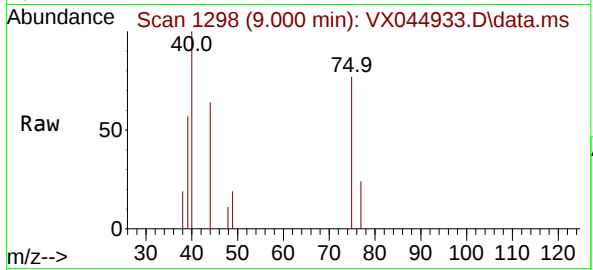
77 30.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#54

cis-1,3-Dichloropropene

Concen: 0.657 ug/l

RT: 8.379 min Scan# 1196

Delta R.T. 0.019 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

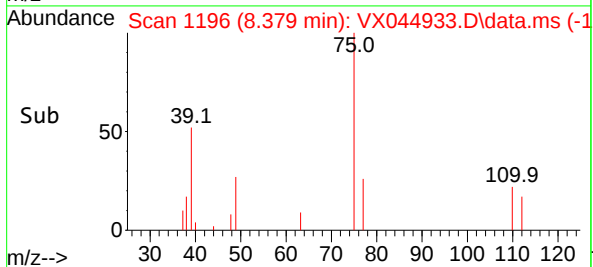
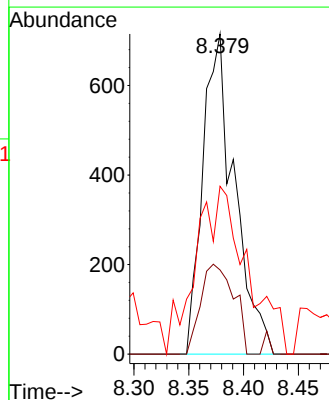
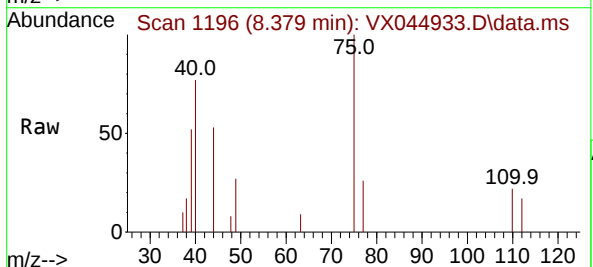
Tgt Ion: 75 Resp: 1435

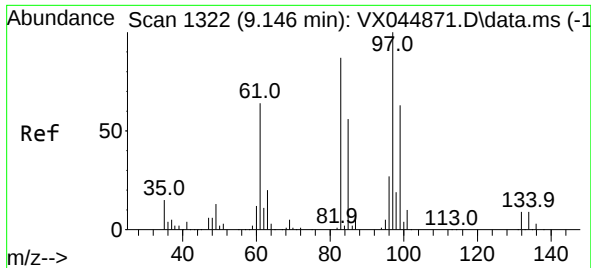
Ion Ratio Lower Upper

75 100

77 26.3 25.3 37.9

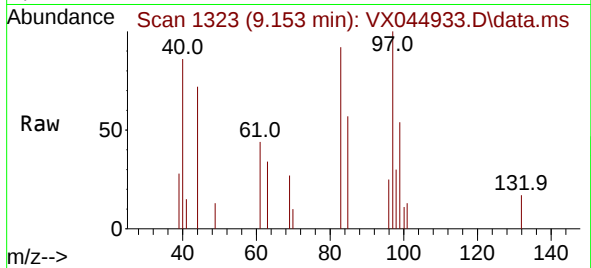
39 43.4 40.0 60.0





#55
 1,1,2-Trichloroethane
 Concen: 0.686 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX044933.D
 Acq: 12 Feb 2025 15:12

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

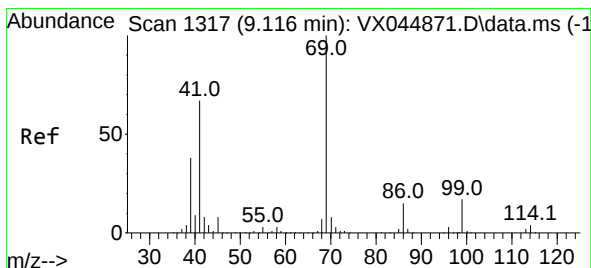
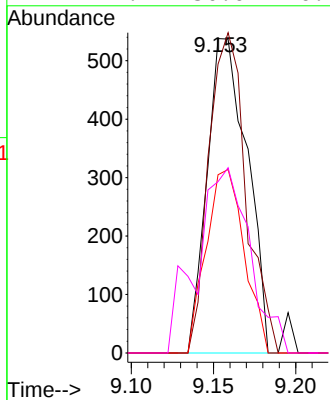
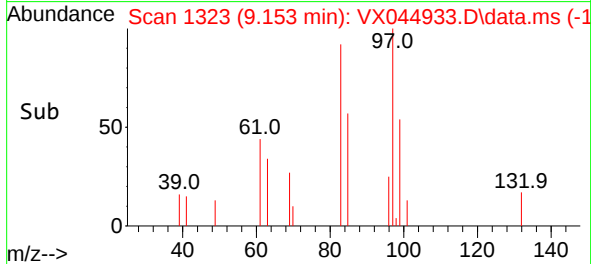


Tgt Ion: 97 Resp: 910

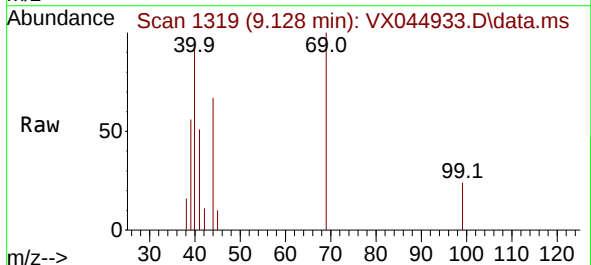
Ion	Ratio	Lower	Upper
97	100		
83	91.8	69.8	104.6
85	56.7	44.8	67.2
99	42.9	50.6	76.0

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

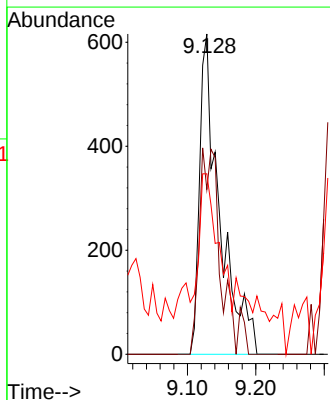
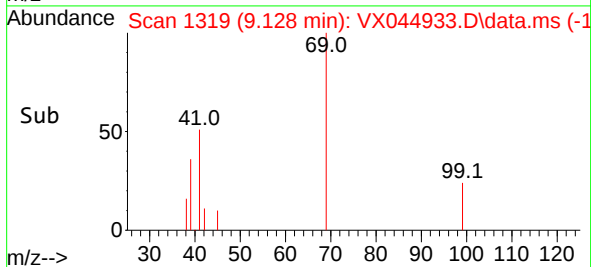


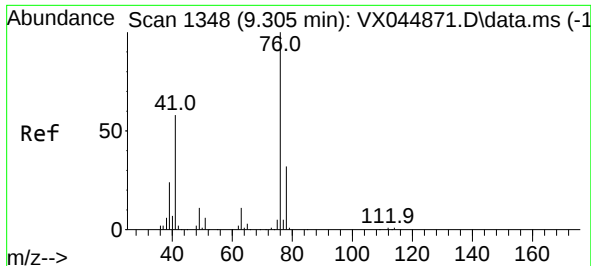
#56
 Ethyl methacrylate
 Concen: 0.584 ug/l m
 RT: 9.128 min Scan# 1319
 Delta R.T. 0.012 min
 Lab File: VX044933.D
 Acq: 12 Feb 2025 15:12



Tgt Ion: 69 Resp: 1252

Ion	Ratio	Lower	Upper
69	100		
41	64.8	55.2	82.8
39	39.5	30.8	46.2





#57

1,3-Dichloropropane

Concen: 0.855 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 76 Resp: 1984

Ion Ratio Lower Upper

76 100

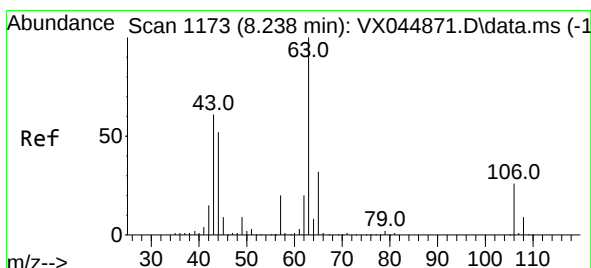
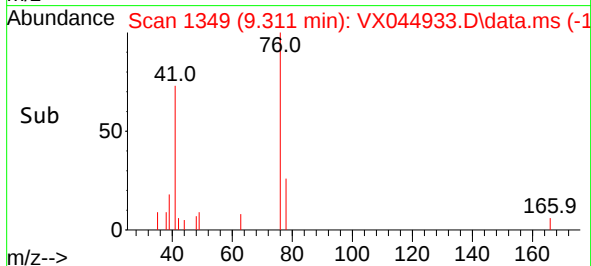
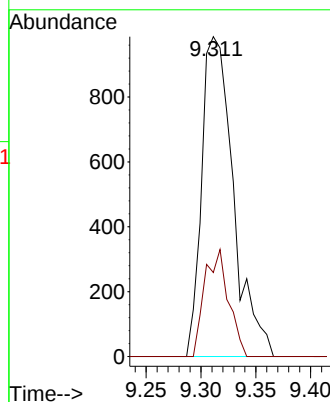
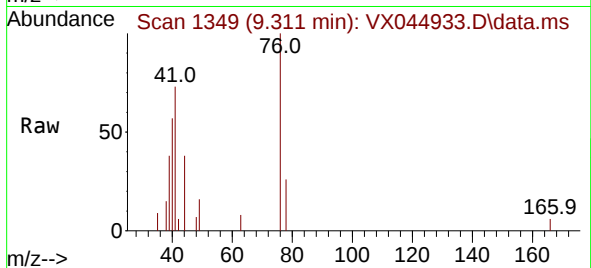
78 25.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 3.088 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.012 min

Lab File: VX044933.D

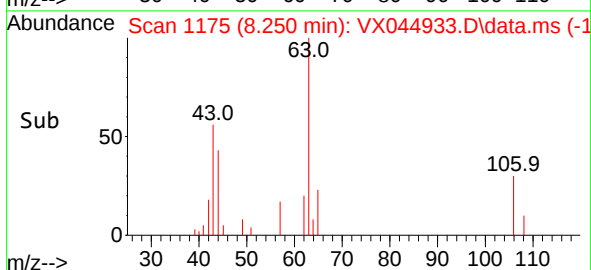
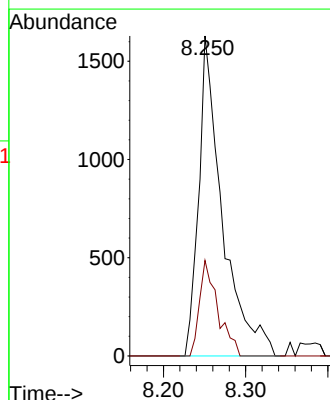
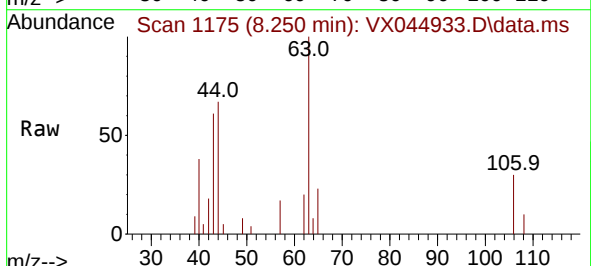
Acq: 12 Feb 2025 15:12

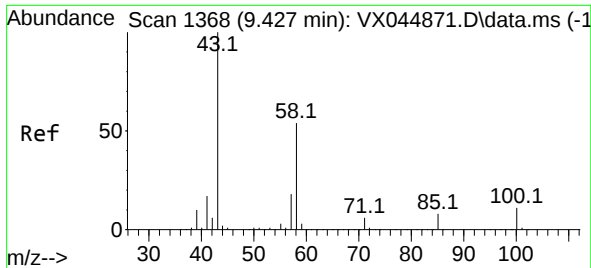
Tgt Ion: 63 Resp: 3249

Ion Ratio Lower Upper

63 100

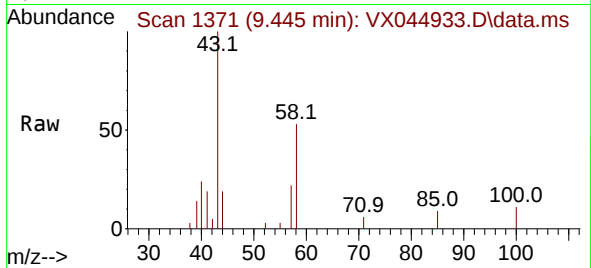
106 23.2 21.3 31.9





#59
2-Hexanone
Concen: 2.923 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.019 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

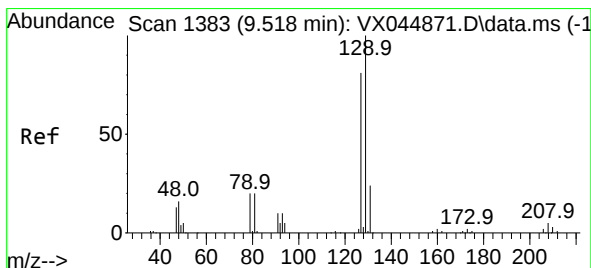
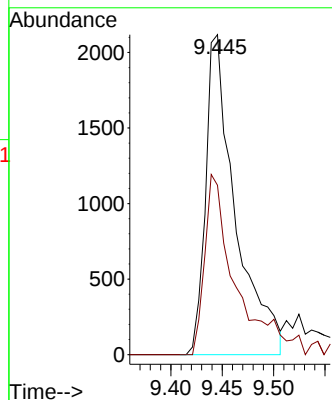
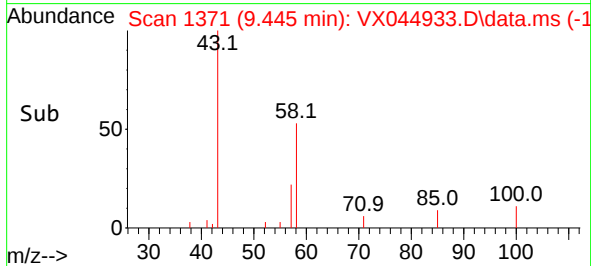
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 58.7 27.5 82.4

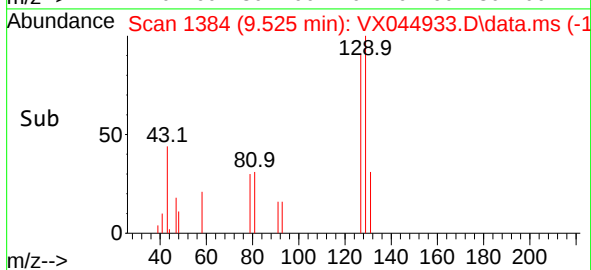
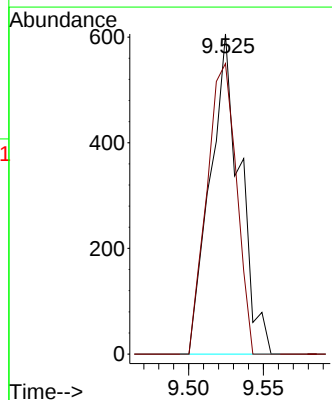
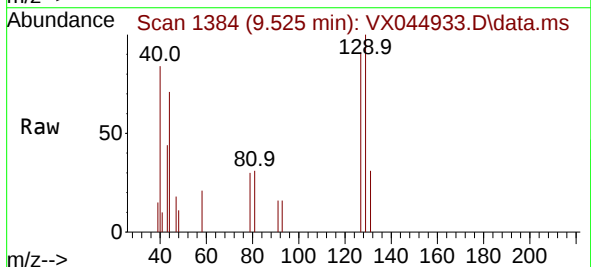
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 0.596 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

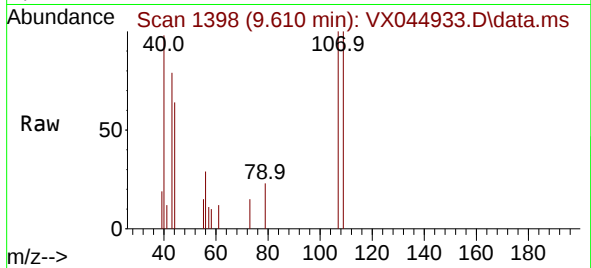
Tgt Ion:129 Resp: 845
Ion Ratio Lower Upper
129 100
127 89.6 39.1 117.3





#61
1,2-Dibromoethane
Concen: 0.637 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

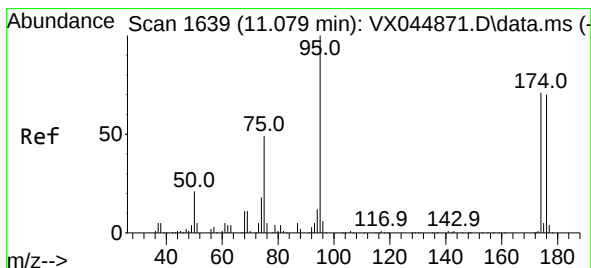
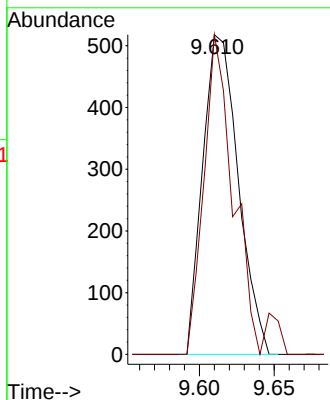
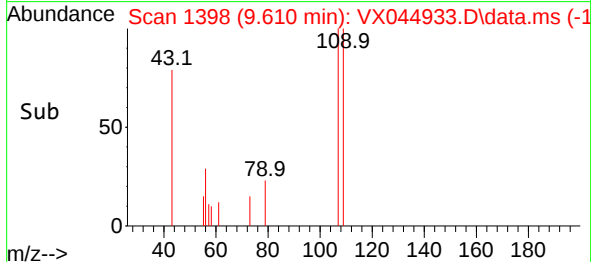
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:107 Resp: 850
Ion Ratio Lower Upper
107 100
109 82.0 75.9 113.9

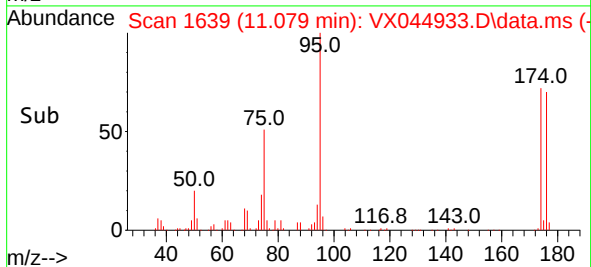
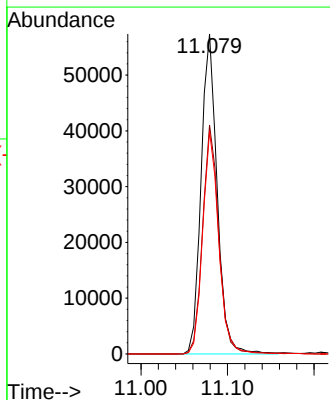
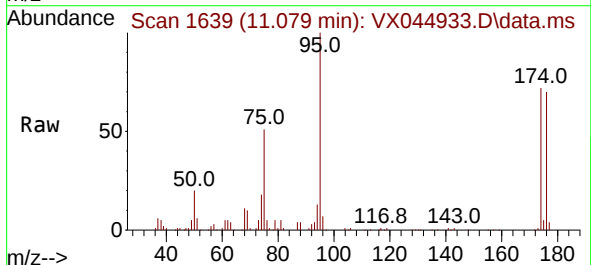
Manual Integrations
APPROVED

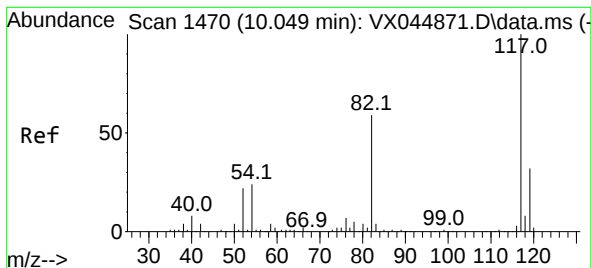
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#62
4-Bromofluorobenzene
Concen: 45.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

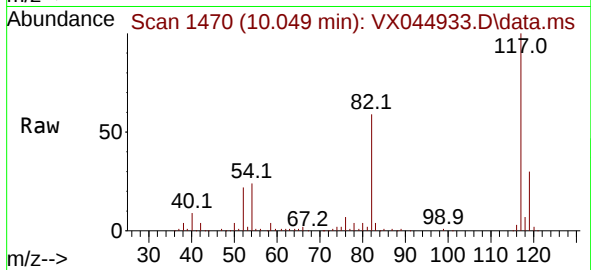
Tgt Ion: 95 Resp: 73897
Ion Ratio Lower Upper
95 100
174 72.0 0.0 142.6
176 69.3 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

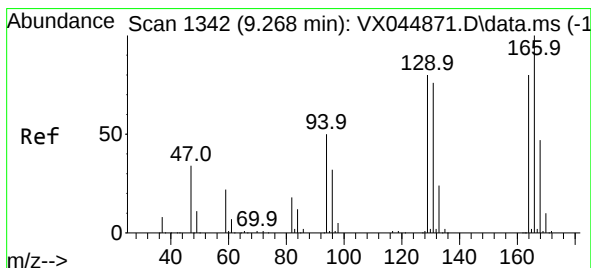
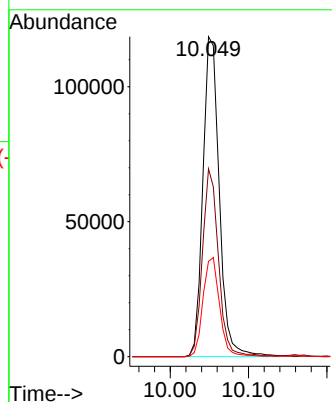
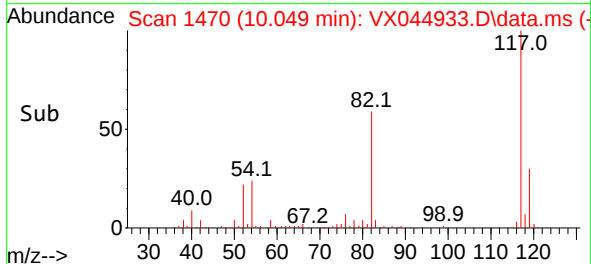
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion:117 Resp: 172602
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 29.8 25.4 38.0

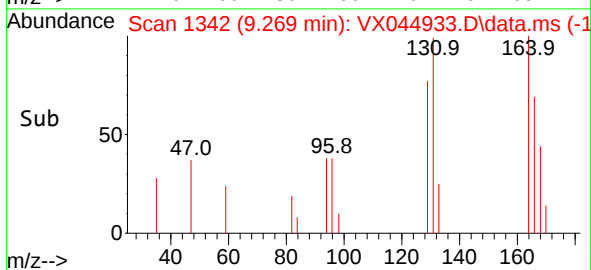
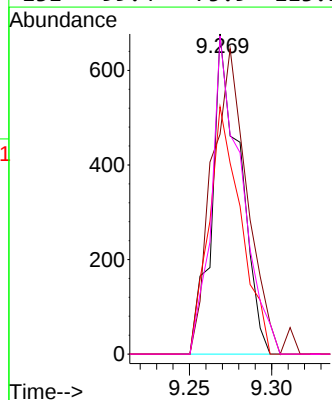
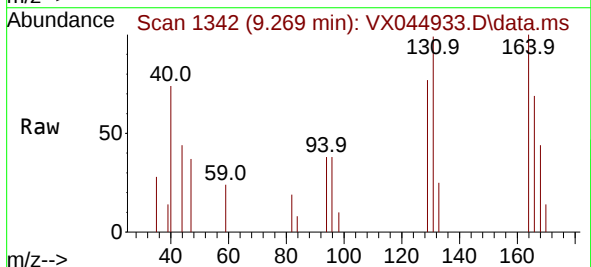
Manual Integrations
APPROVED

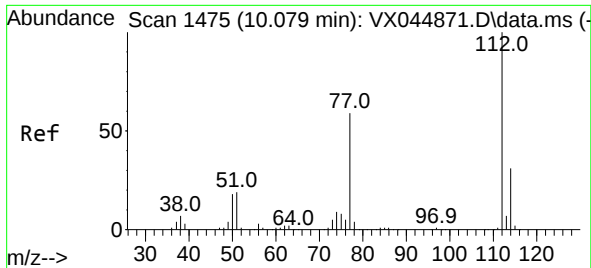
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#64
Tetrachloroethene
Concen: 0.740 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion:164 Resp: 805
Ion Ratio Lower Upper
164 100
166 68.7 100.4 150.6#
129 77.3 79.9 119.9#
131 99.4 75.9 113.9





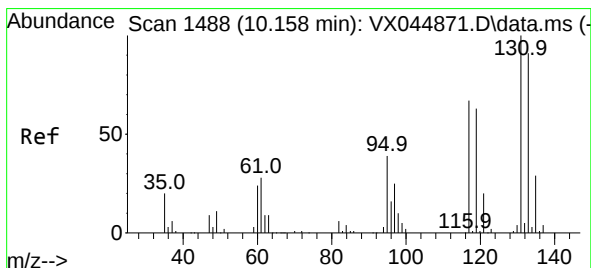
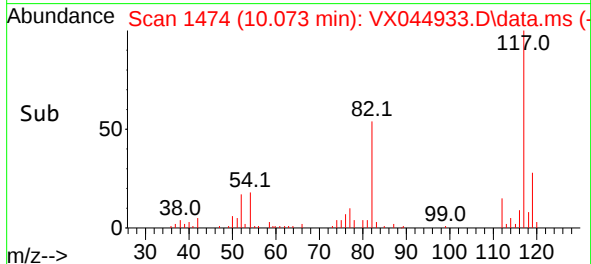
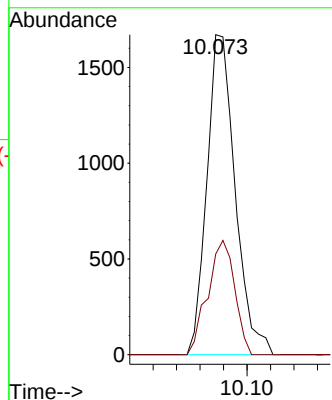
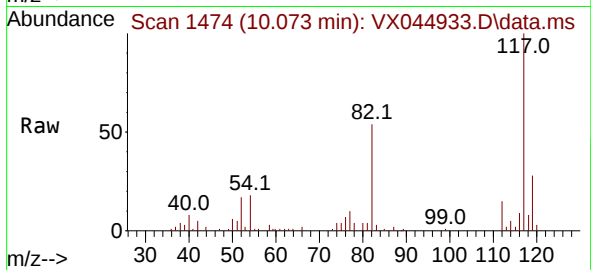
#65
Chlorobenzene
Concen: 0.755 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion:112 Resp: 2798
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6

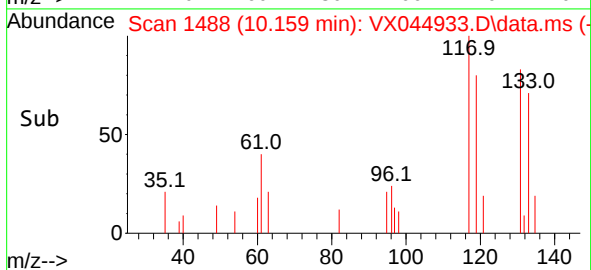
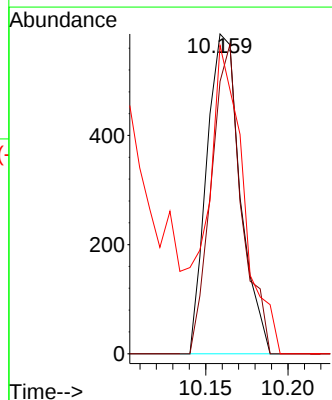
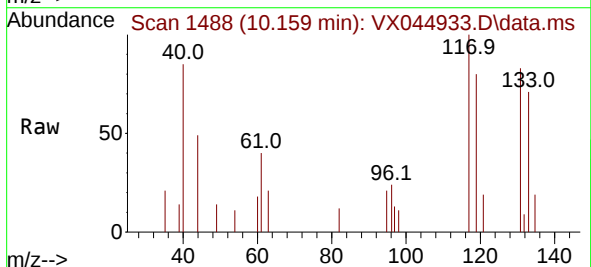
Manual Integrations
APPROVED

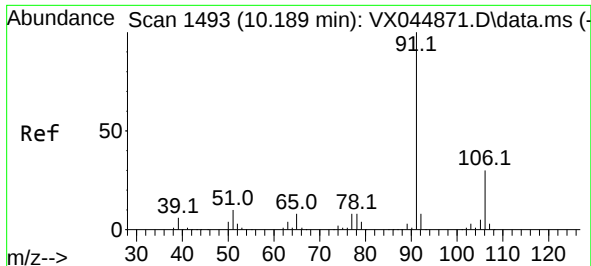
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.696 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion:131 Resp: 830
Ion Ratio Lower Upper
131 100
133 87.6 47.1 141.3
119 0.0 33.6 100.6#





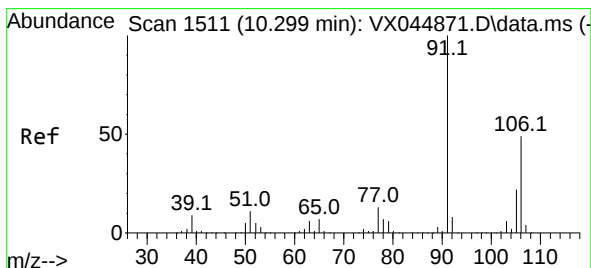
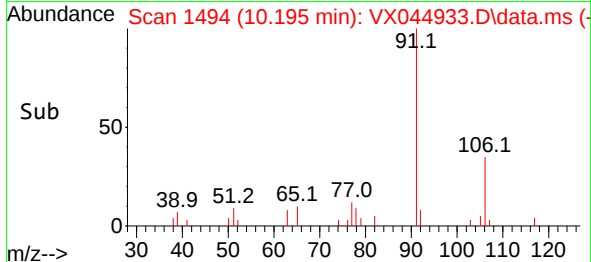
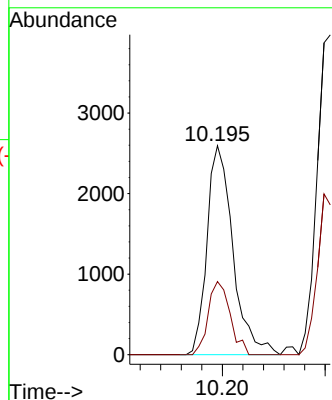
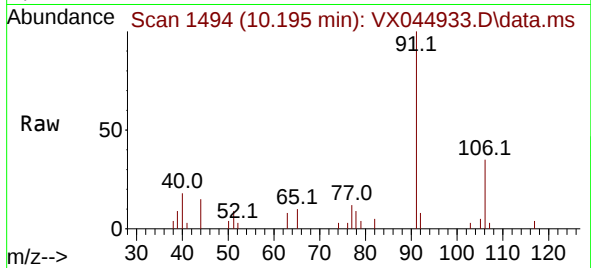
#67
Ethyl Benzene
Concen: 0.694 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion: 91 Resp: 4540
Ion Ratio Lower Upper
91 100
106 35.0 23.9 35.9

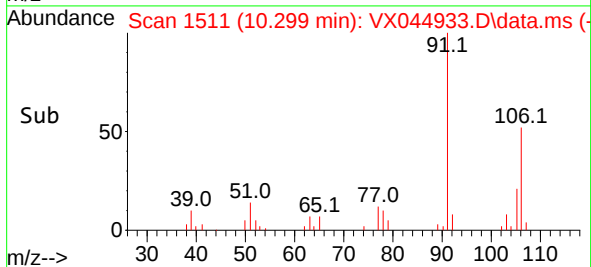
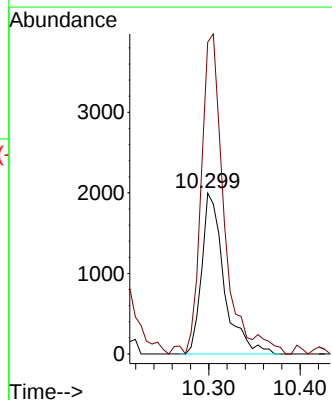
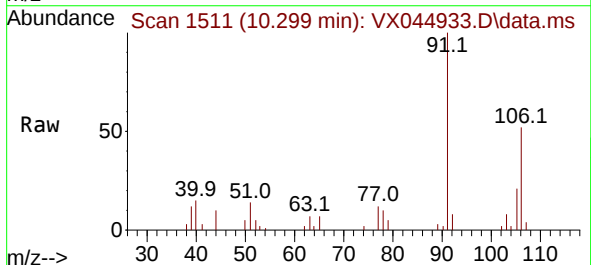
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 1.402 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion:106 Resp: 3383
Ion Ratio Lower Upper
106 100
91 196.7 164.3 246.5





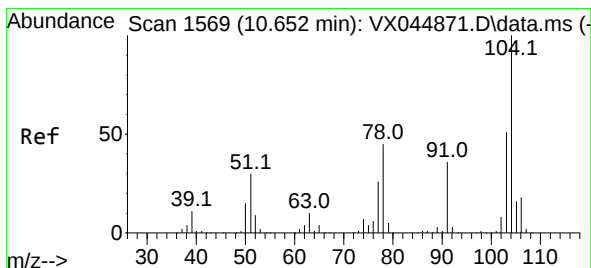
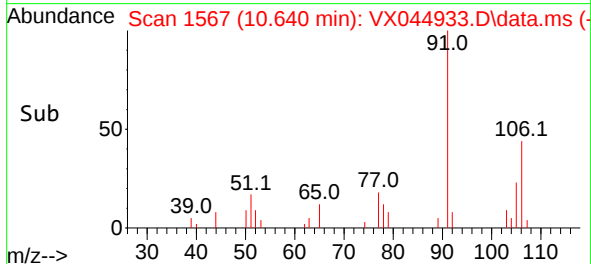
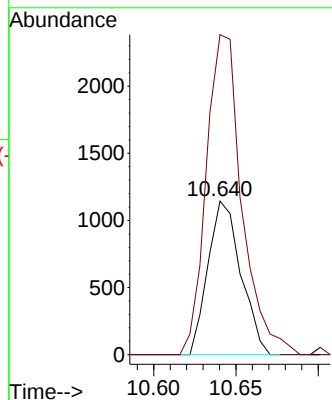
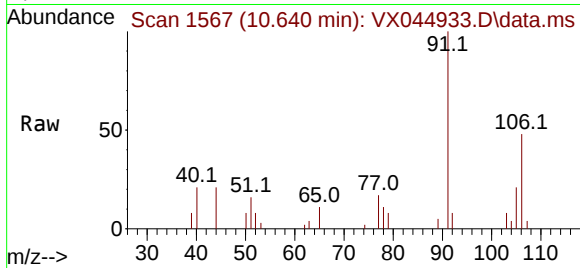
#69
o-Xylene
Concen: 0.657 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion:106 Resp: 159
Ion Ratio Lower Upper
106 100
91 226.0 108.5 325.5

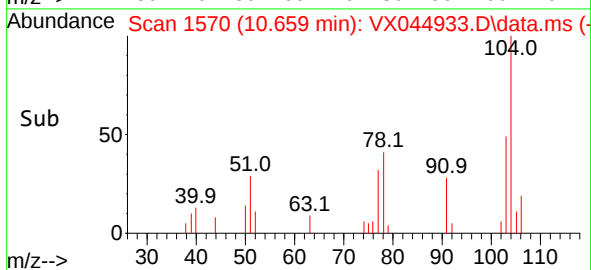
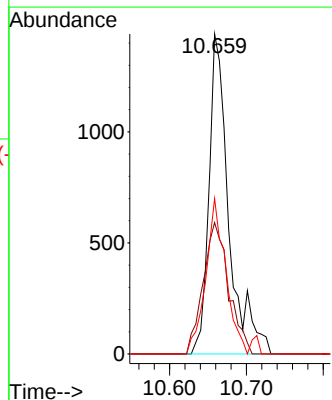
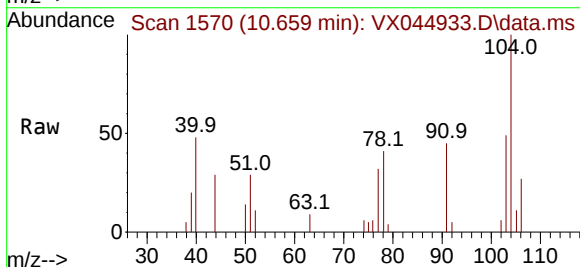
Manual Integrations
APPROVED

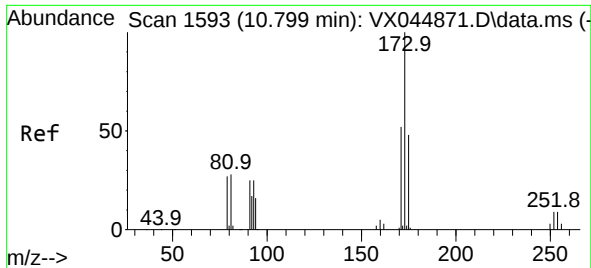
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#70
Styrene
Concen: 0.663 ug/l m
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

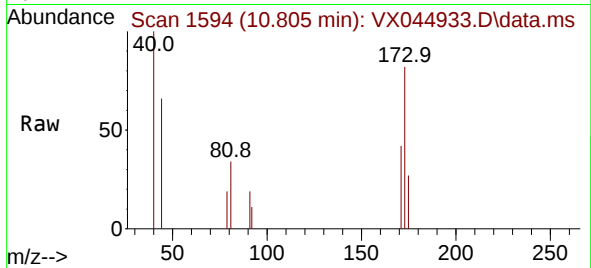
Tgt Ion:104 Resp: 2587
Ion Ratio Lower Upper
104 100
78 52.6 40.5 60.7
103 49.1 43.6 65.4





#71
Bromoform
Concen: 0.669 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

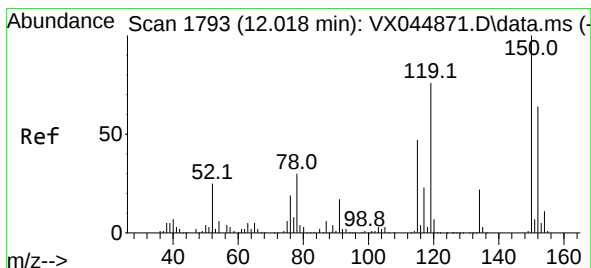
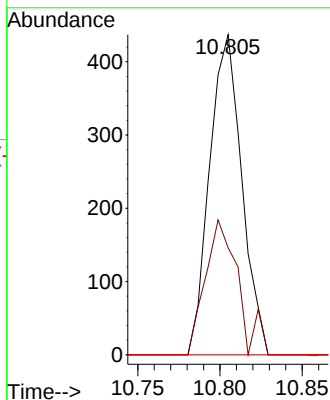
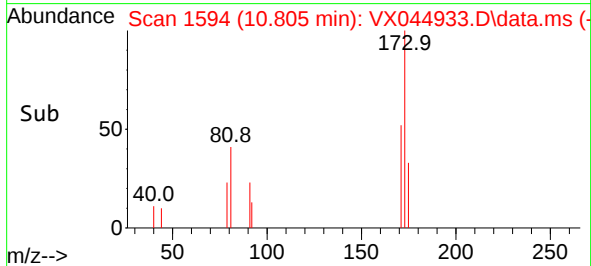
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



Tgt Ion:173 Resp: 590
Ion Ratio Lower Upper
173 100
175 42.8 24.3 72.8
254 0.0 0.0 0.0

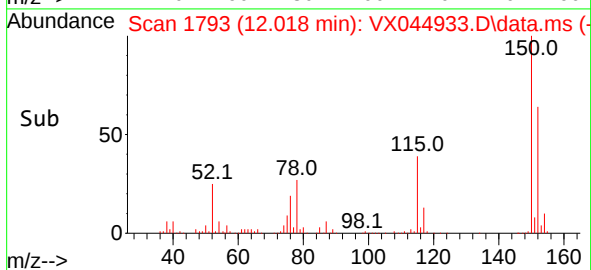
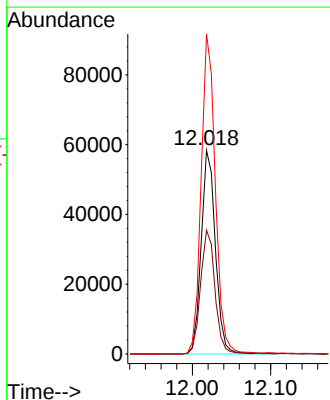
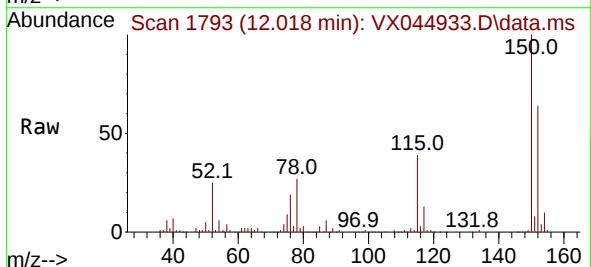
Manual Integrations
APPROVED

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: VX044933.D
Acq: 12 Feb 2025 15:12

Tgt Ion:152 Resp: 73715
Ion Ratio Lower Upper
152 100
115 61.5 43.4 130.1
150 156.4 0.0 350.4





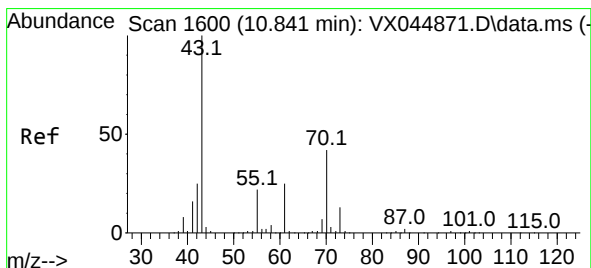
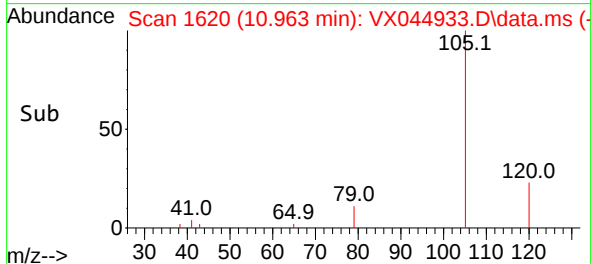
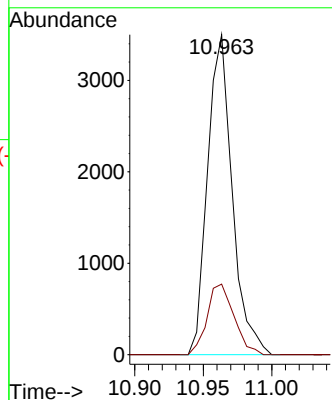
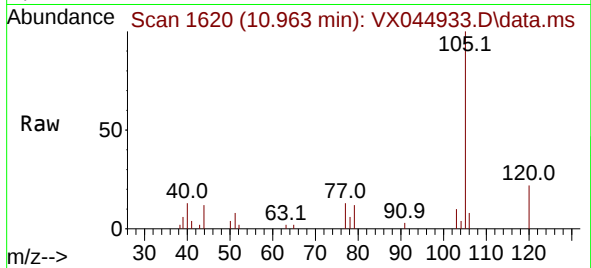
#73
Isopropylbenzene
Concen: 0.739 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion:105 Resp: 4380
Ion Ratio Lower Upper
105 100
120 24.1 13.2 39.5

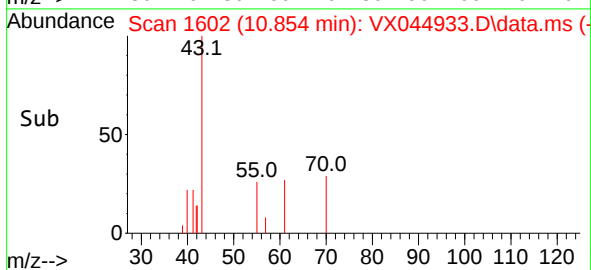
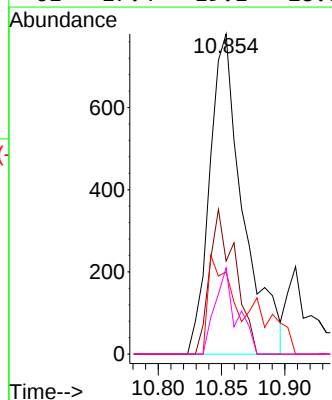
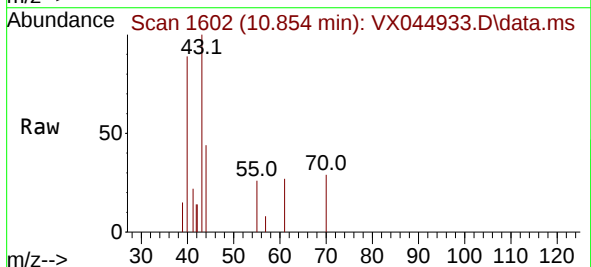
Manual Integrations
APPROVED

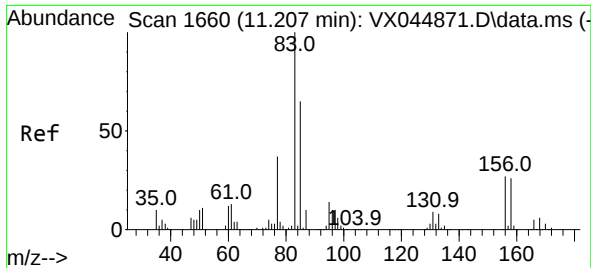
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#74
N-ethyl acetate
Concen: 0.532 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

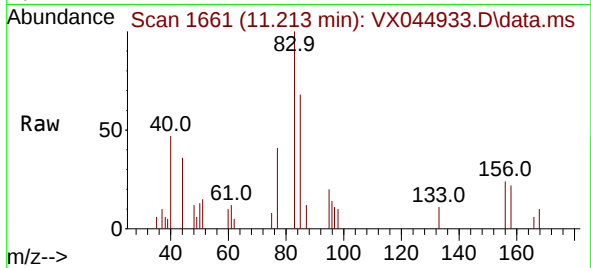
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
70 34.7 33.7 50.5
55 21.4 18.6 27.8
61 17.4 19.1 28.7#





#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.795 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX044933.D
 Acq: 12 Feb 2025 15:12

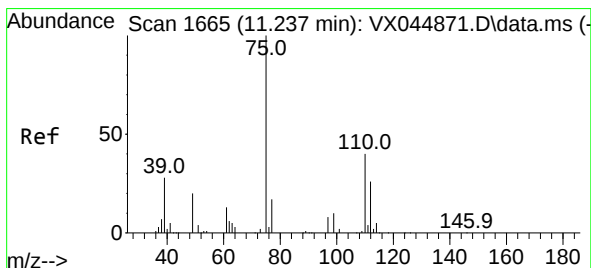
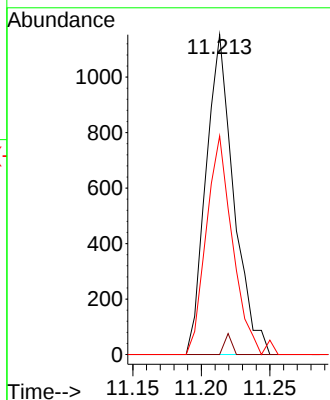
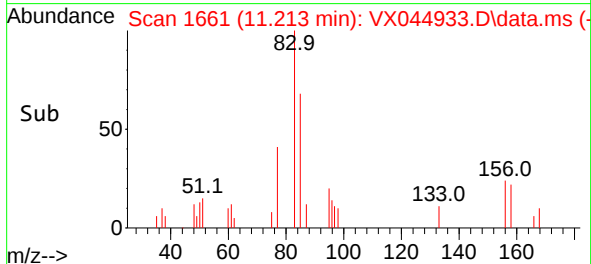
Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025



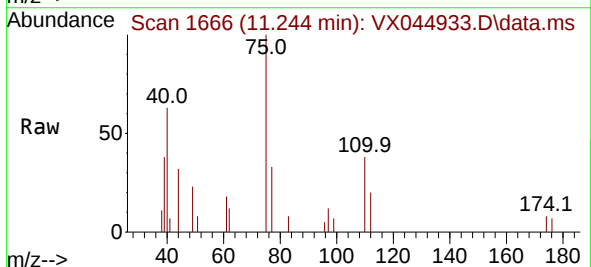
Tgt Ion: 83 Resp: 162
 Ion Ratio Lower Upper
 83 100
 131 1.7 4.5 13.5
 85 65.5 32.3 96.8

Manual Integrations
 APPROVED

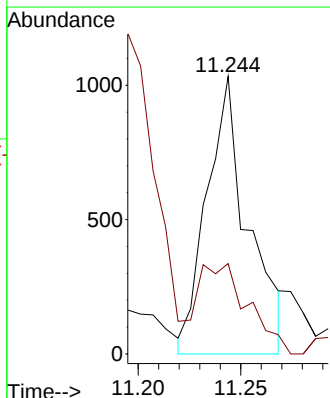
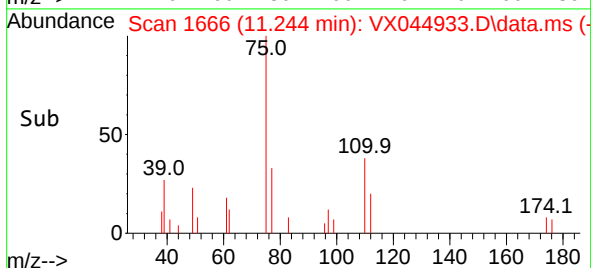
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

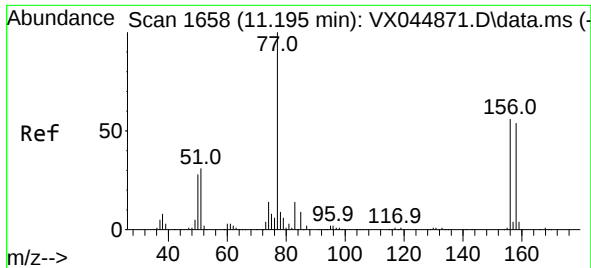


#76
 1,2,3-Trichloropropane
 Concen: 0.883 ug/l m
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.006 min
 Lab File: VX044933.D
 Acq: 12 Feb 2025 15:12



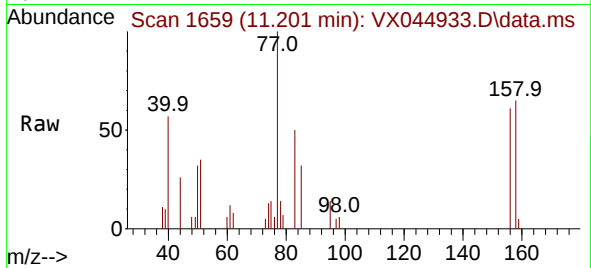
Tgt Ion: 75 Resp: 1443
 Ion Ratio Lower Upper
 75 100
 77 37.6 21.9 65.7





#77
Bromobenzene
Concen: 0.706 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

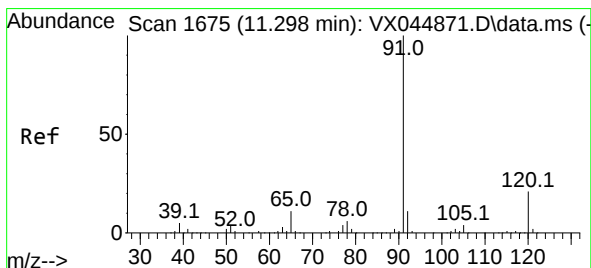
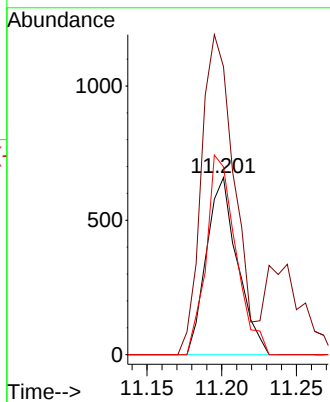
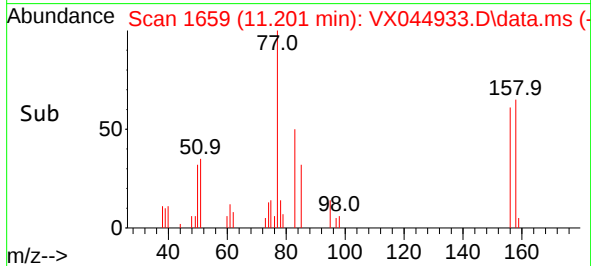
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



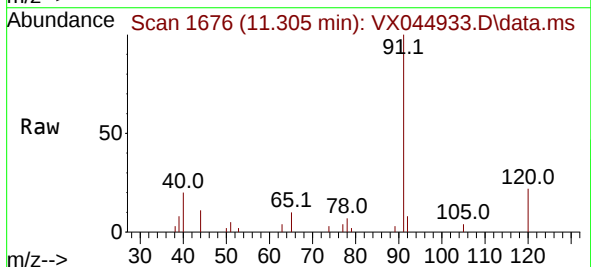
Tgt Ion:156 Resp: 950
Ion Ratio Lower Upper
156 100
77 194.6 88.4 265.3
158 107.6 48.4 145.2

Manual Integrations
APPROVED

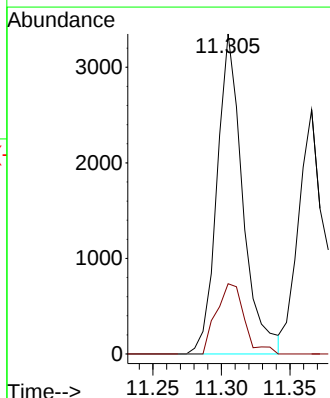
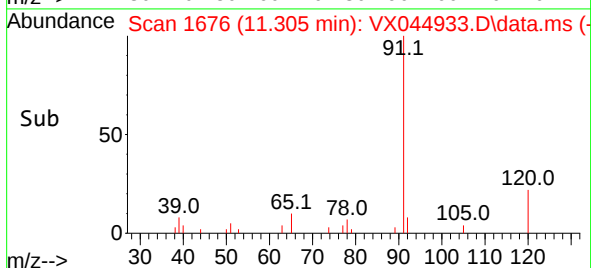
Reviewed By :John Carbone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

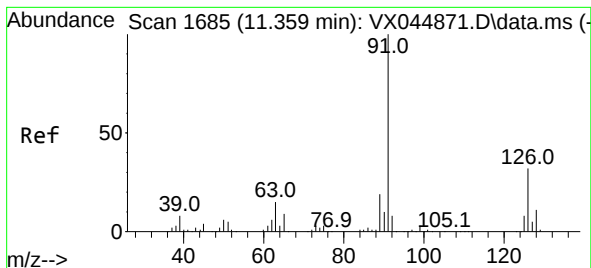


#78
n-propylbenzene
Concen: 0.639 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12



Tgt Ion: 91 Resp: 4381
Ion Ratio Lower Upper
91 100
120 23.8 11.1 33.3





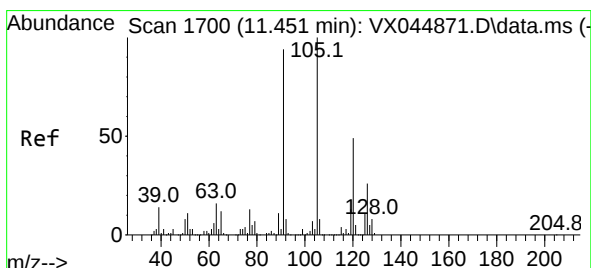
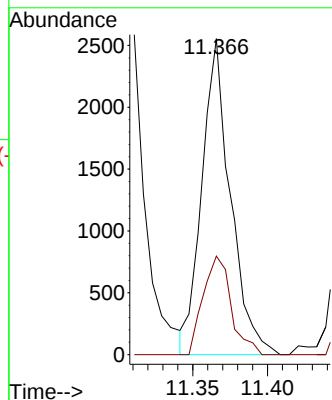
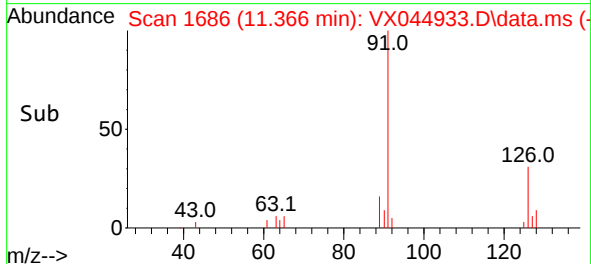
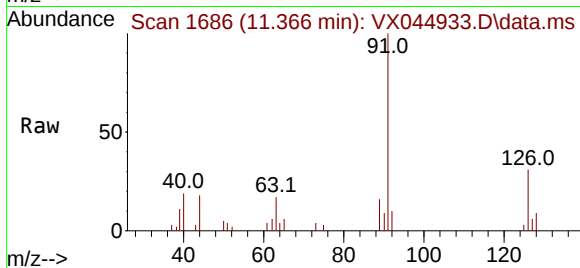
#79
2-Chlorotoluene
Concen: 0.803 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion: 91 Resp: 3379
Ion Ratio Lower Upper
91 100
126 30.7 16.2 48.6

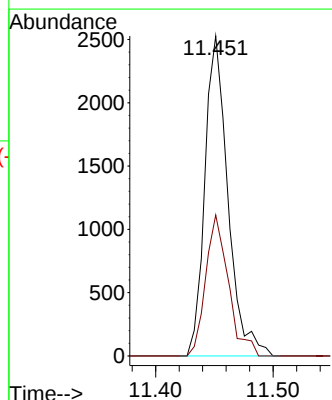
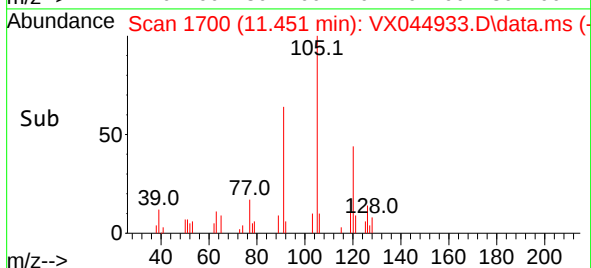
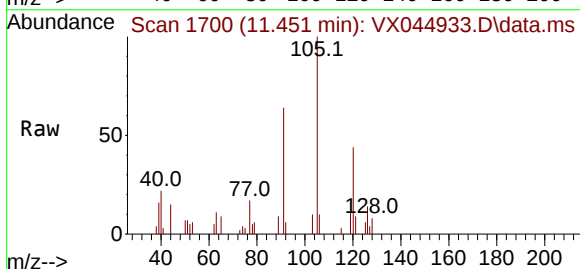
Manual Integrations
APPROVED

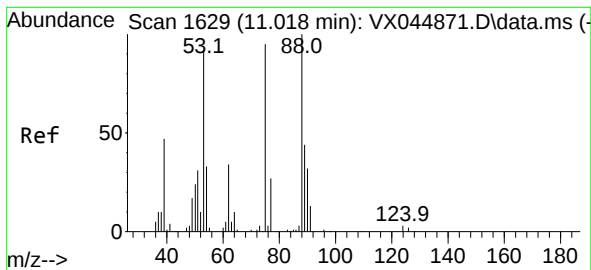
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.714 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

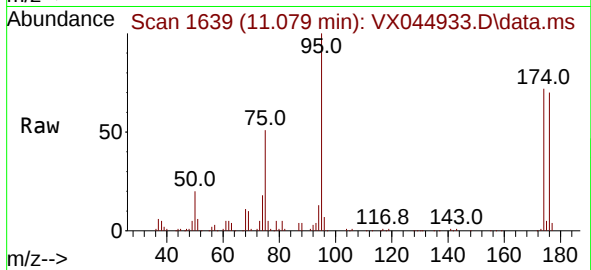
Tgt Ion:105 Resp: 3440
Ion Ratio Lower Upper
105 100
120 43.4 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 61.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

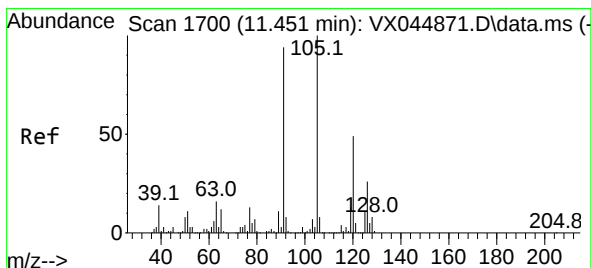
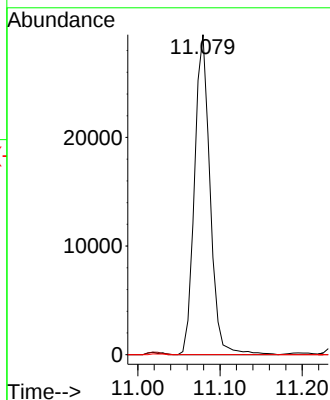
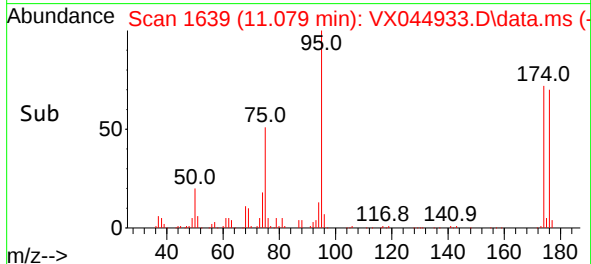
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



Tgt Ion: 75 Resp: 38772
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0
89 0.0 36.6 54.8

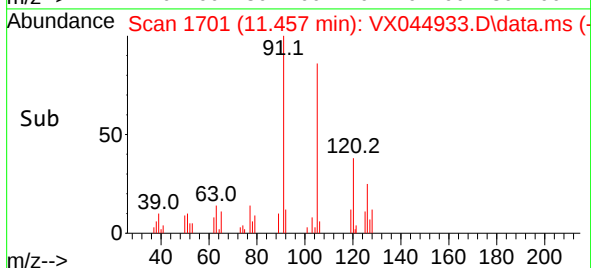
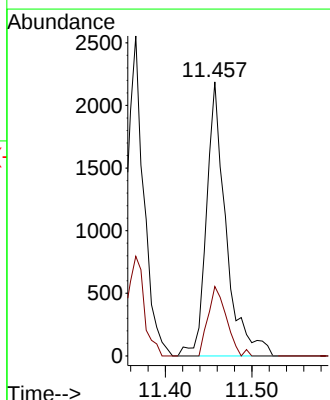
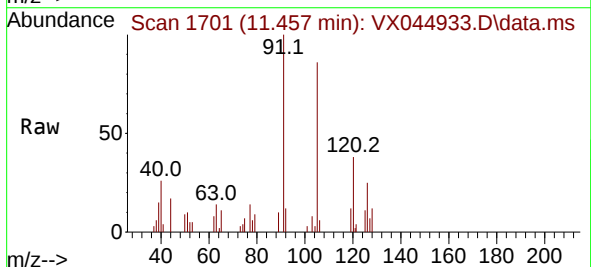
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 0.738 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

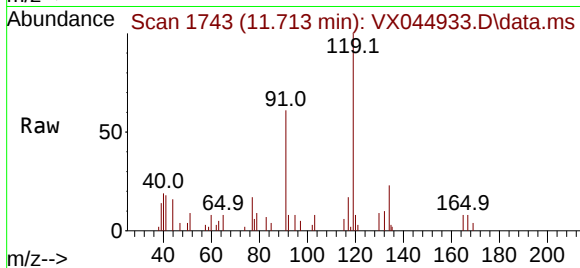
Tgt Ion: 91 Resp: 3439
Ion Ratio Lower Upper
91 100
126 23.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.756 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

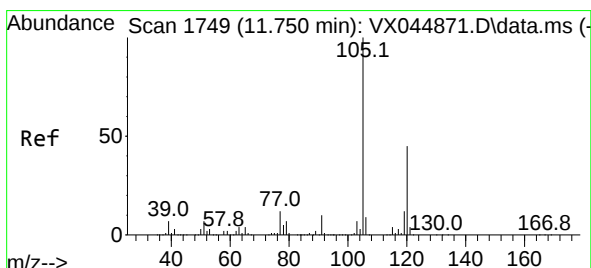
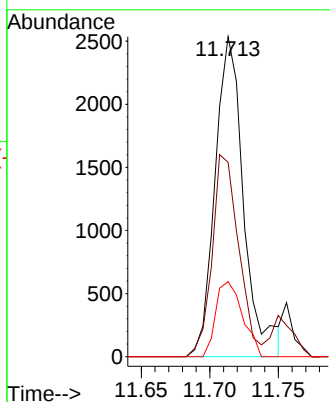
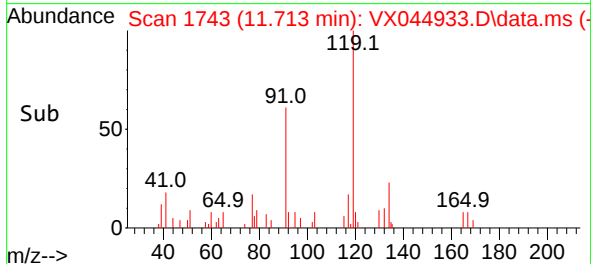
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025



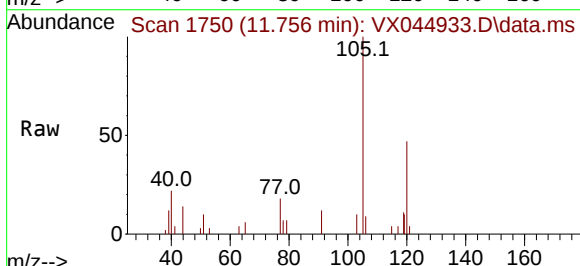
Tgt Ion:119 Resp: 368
Ion Ratio Lower Upper
119 100
91 58.8 29.1 87.4
134 21.9 11.5 34.5

Manual Integrations
APPROVED

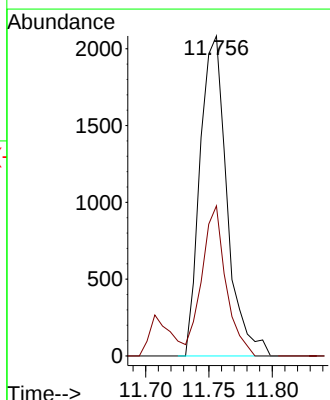
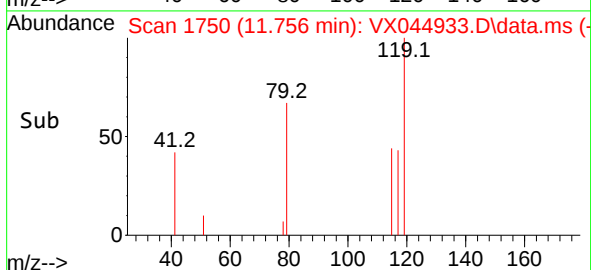
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

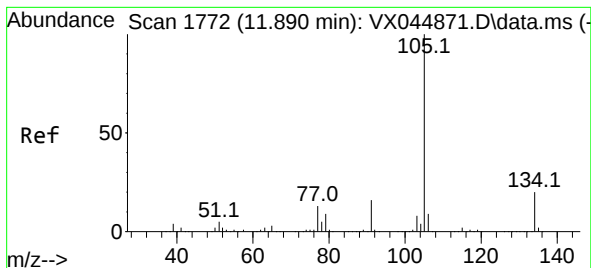


#84
1,2,4-Trimethylbenzene
Concen: 0.649 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12



Tgt Ion:105 Resp: 3084
Ion Ratio Lower Upper
105 100
120 41.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 0.638 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:105 Resp: 3849

Ion Ratio Lower Upper

105 100

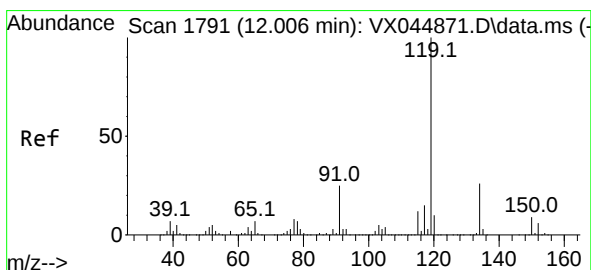
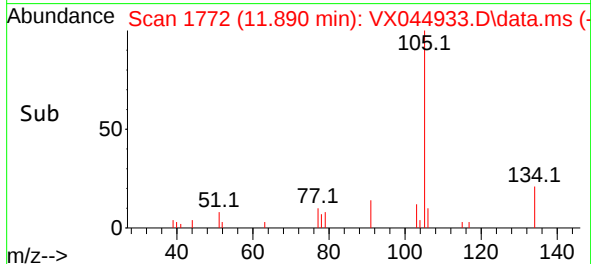
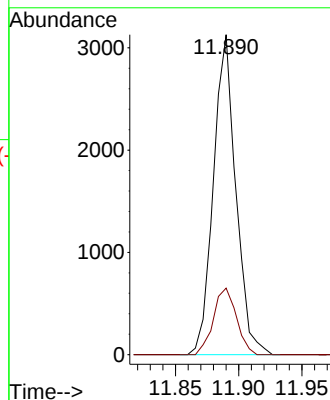
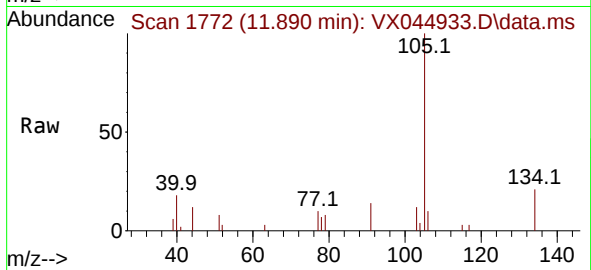
134 21.4 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#86

p-Isopropyltoluene

Concen: 0.636 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

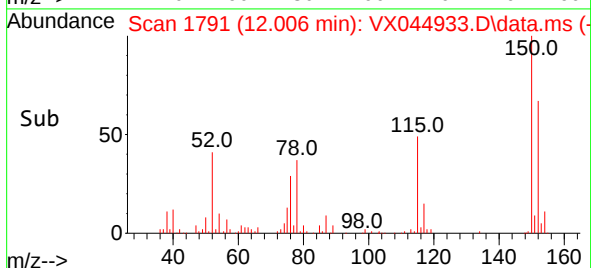
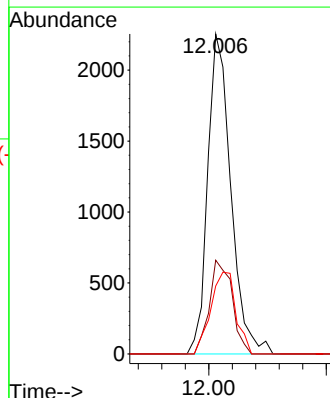
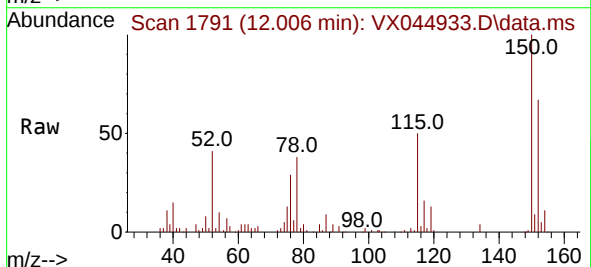
Tgt Ion:119 Resp: 3087

Ion Ratio Lower Upper

119 100

134 28.7 13.0 38.9

91 27.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 0.755 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044933.D

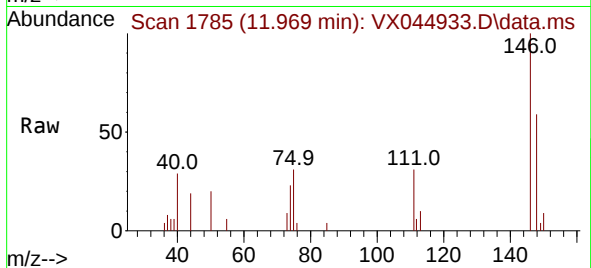
Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025



Tgt Ion:146 Resp: 1869

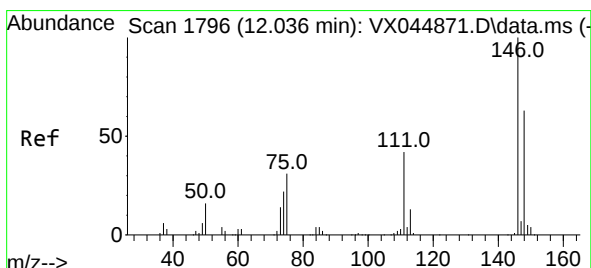
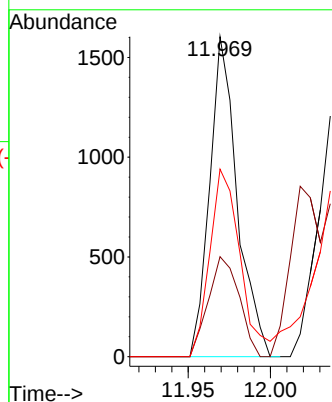
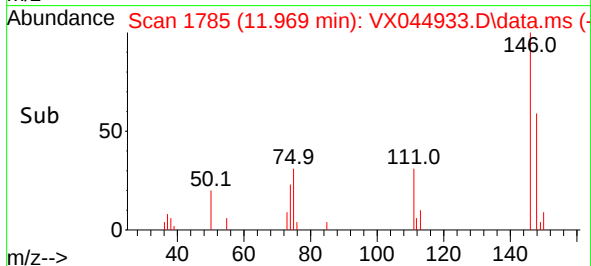
Ion	Ratio	Lower	Upper
146	100		
111	34.9	21.2	63.6
148	64.8	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#88

1,4-Dichlorobenzene

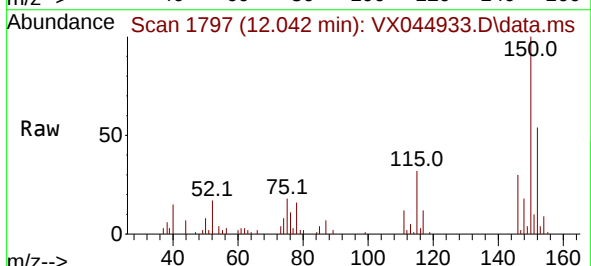
Concen: 0.775 ug/l m

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

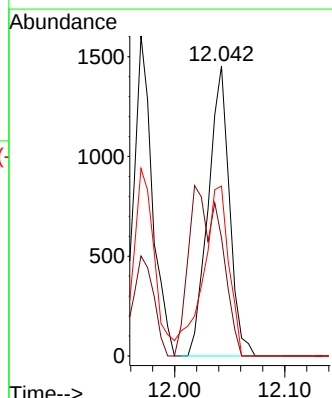
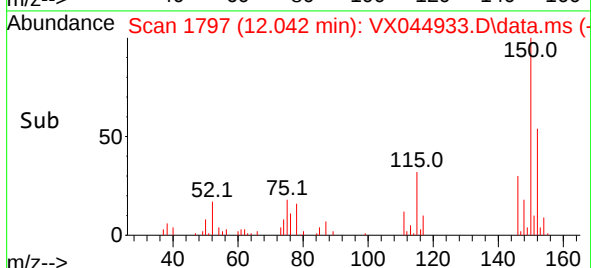
Lab File: VX044933.D

Acq: 12 Feb 2025 15:12



Tgt Ion:146 Resp: 1940

Ion	Ratio	Lower	Upper
146	100		
111	33.6	20.4	61.3
148	62.4	32.0	96.0





#89

n-Butylbenzene

Concen: 0.573 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

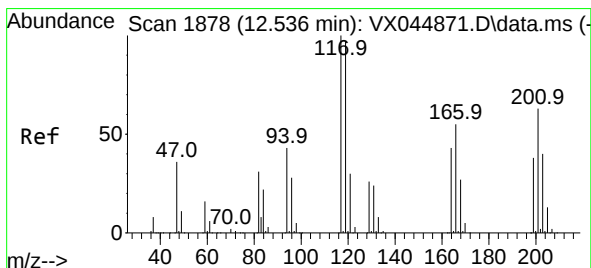
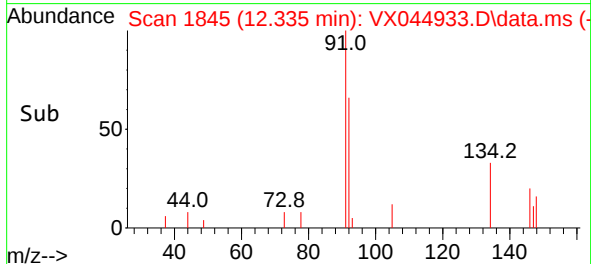
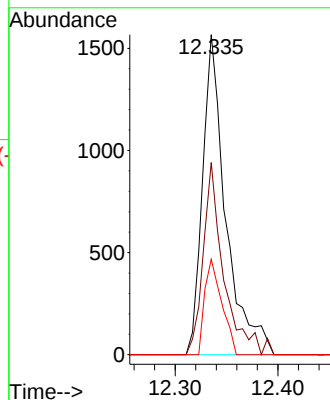
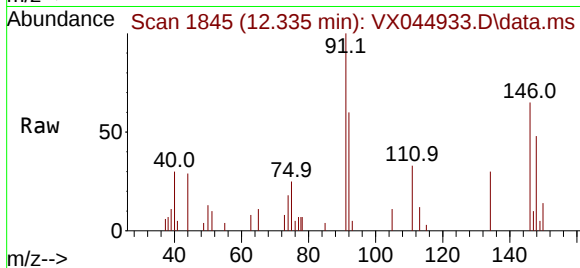
Tgt Ion: 91	Resp: 245
Ion Ratio	Lower Upper
91	100
92	53.4 27.2 81.6
134	22.0 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#90

Hexachloroethane

Concen: 0.636 ug/l

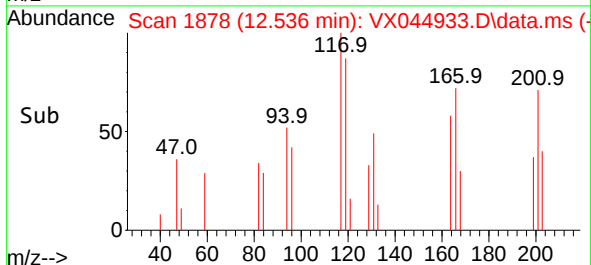
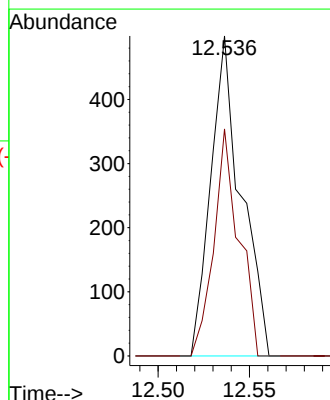
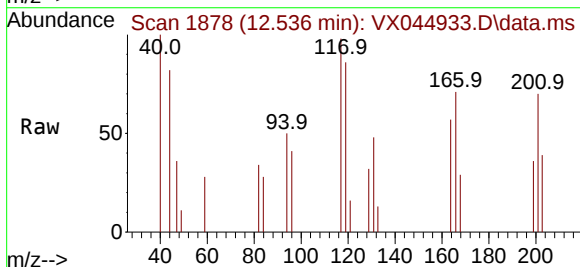
RT: 12.536 min Scan# 1878

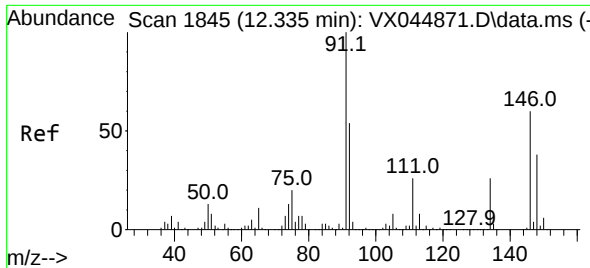
Delta R.T. 0.000 min

Lab File: VX044933.D

Acq: 12 Feb 2025 15:12

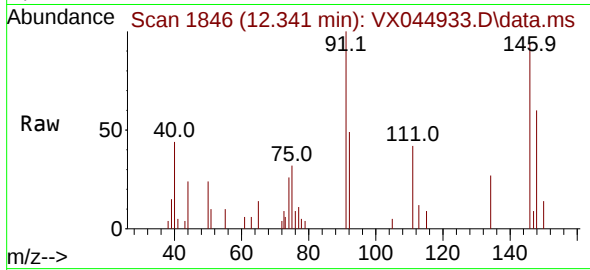
Tgt Ion: 117	Resp: 578
Ion Ratio	Lower Upper
117	100
201	58.1 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 0.746 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

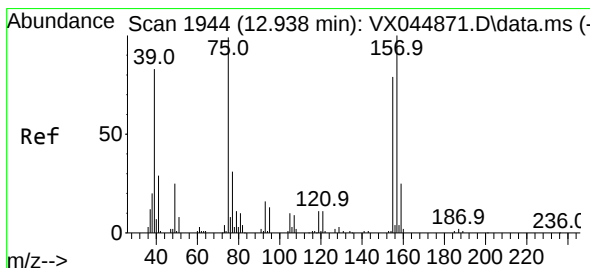
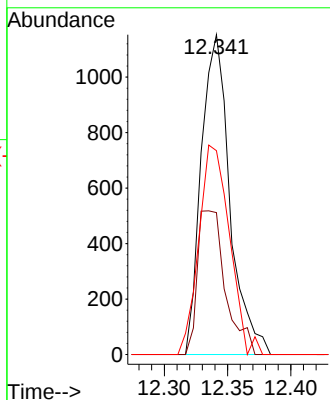
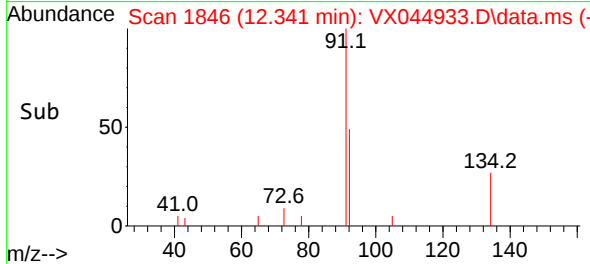
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



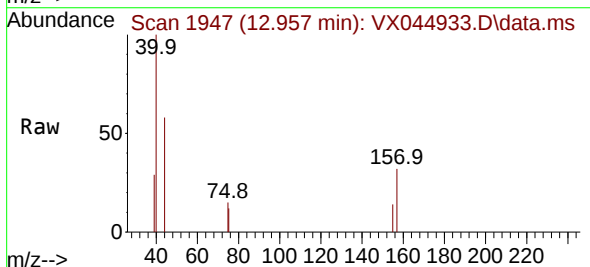
Tgt Ion: 146 Resp: 181
Ion Ratio Lower Upper
146 100
111 44.1 21.8 65.4
148 70.1 31.9 95.9

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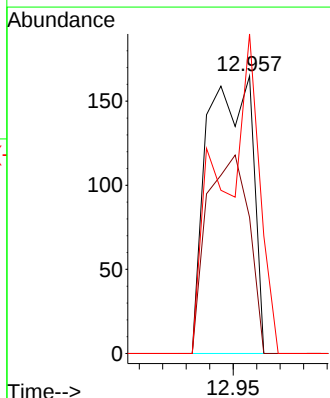
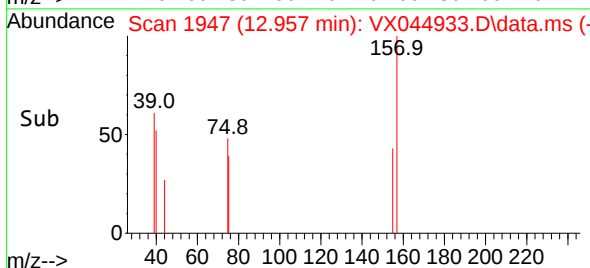
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.591 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.019 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12



Tgt Ion: 75 Resp: 220
Ion Ratio Lower Upper
75 100
155 66.4 40.5 121.4
157 95.0 51.4 154.3





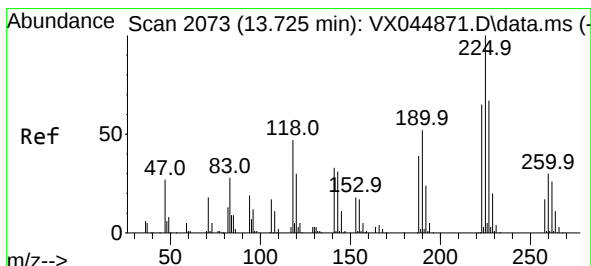
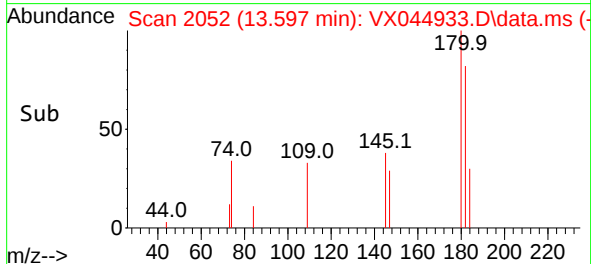
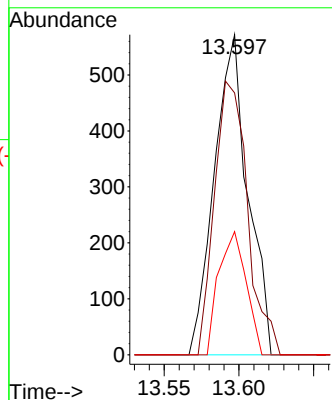
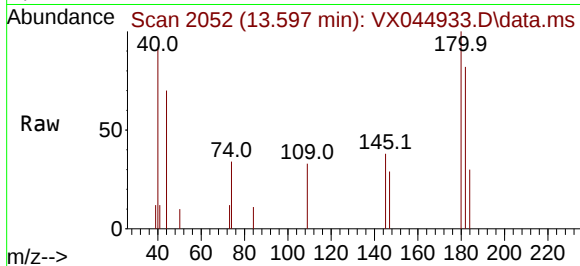
#93
1,2,4-Trichlorobenzene
Concen: 0.605 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

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

Tgt Ion:180 Resp: 890
Ion Ratio Lower Upper
180 100
182 84.4 47.6 142.8
145 31.5 16.4 49.1

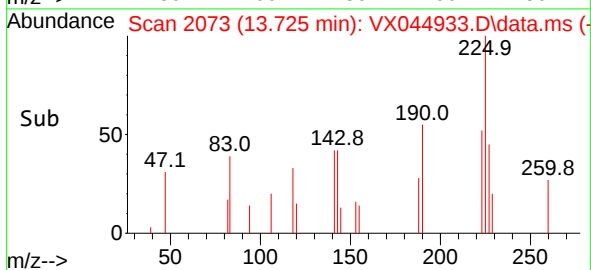
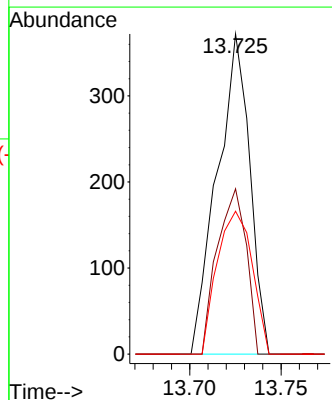
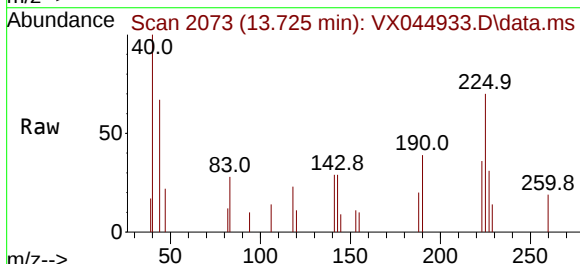
Manual Integrations
APPROVED

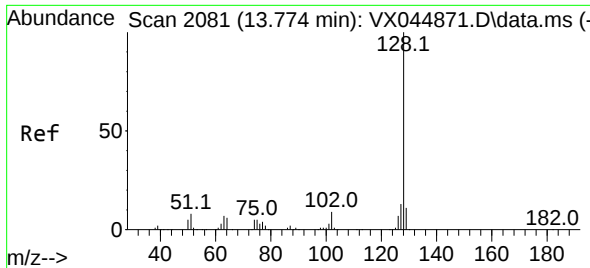
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#94
Hexachlorobutadiene
Concen: 0.789 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

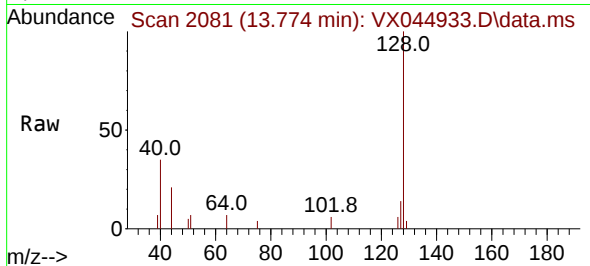
Tgt Ion:225 Resp: 461
Ion Ratio Lower Upper
225 100
223 46.0 31.4 94.2
227 47.9 32.3 96.8





#95
Naphthalene
Concen: 0.588 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12

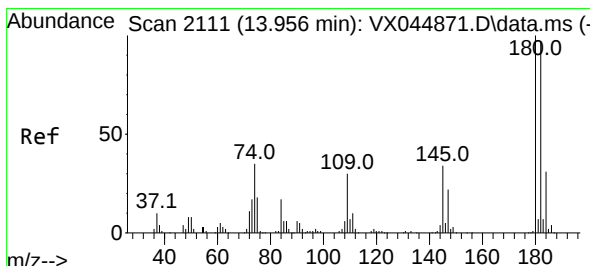
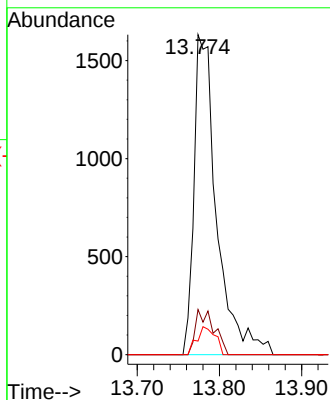
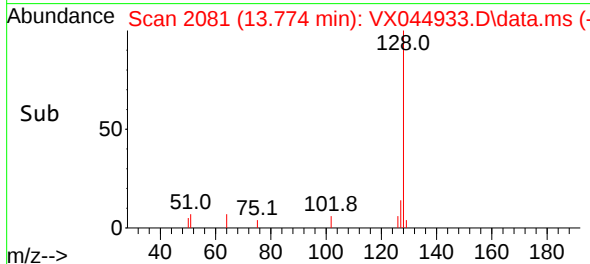
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2025



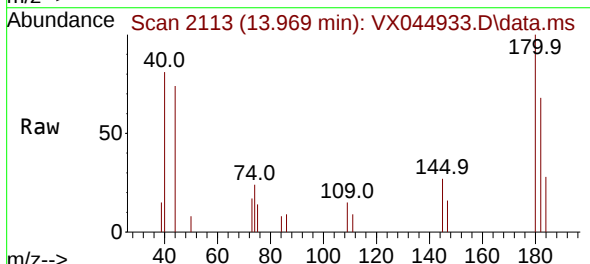
Tgt Ion:128 Resp: 3120
Ion Ratio Lower Upper
128 100
127 11.5 10.1 15.1
129 7.1 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.651 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX044933.D
Acq: 12 Feb 2025 15:12



Tgt Ion:180 Resp: 965
Ion Ratio Lower Upper
180 100
182 84.6 47.9 143.6
145 37.3 17.1 51.3

