

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035642.D
 Acq On : 12 May 2023 16:51
 Operator : JC/MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 15 01:58:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	141858	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	292007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170700	68.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	137.960%#
35) Dibromofluoromethane	5.385	113	107261	54.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.940%
50) Toluene-d8	8.647	98	360068	49.494	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	140461	47.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	907	0.491	ug/l	72
3) Chloromethane	1.294	50	2271	1.012	ug/l	94
4) Vinyl Chloride	1.374	62	1486	0.780	ug/l	# 84
5) Bromomethane	1.611	94	1210	1.173	ug/l	98
6) Chloroethane	1.685	64	997	0.863	ug/l	# 71
7) Trichlorofluoromethane	1.886	101	1553	0.555	ug/l	89
8) Diethyl Ether	2.136	74	1152	1.069	ug/l	63
9) 1,1,2-Trichlorotrifluo...	2.331	101	866	0.521	ug/l	96
10) Methyl Iodide	2.453	142	1178	0.792	ug/l	97
11) Tert butyl alcohol	3.020	59	1172	2.684	ug/l	# 93
12) 1,1-Dichloroethene	2.325	96	1033	0.654	ug/l	81
13) Acrolein	2.239	56	2664	5.141	ug/l	97
14) Allyl chloride	2.666	41	2865	0.847	ug/l	# 90
15) Acrylonitrile	3.081	53	5205	5.414	ug/l	95
16) Acetone	2.392	43	6429	6.044	ug/l	94
17) Carbon Disulfide	2.508	76	2299	0.603	ug/l	98
18) Methyl Acetate	2.709	43	4331	1.104	ug/l	# 90
19) Methyl tert-butyl Ether	3.117	73	6198	0.986	ug/l	99
20) Methylene Chloride	2.794	84	2507	1.301	ug/l	# 88
21) trans-1,2-Dichloroethene	3.087	96	1572	0.908	ug/l	# 85
22) Diisopropyl ether	3.763	45	6311	0.952	ug/l	# 97
23) Vinyl Acetate	3.727	43	21207	4.523	ug/l	97
24) 1,1-Dichloroethane	3.617	63	2967	0.837	ug/l	98
25) 2-Butanone	4.580	43	8180	5.555	ug/l	# 90
26) 2,2-Dichloropropane	4.471	77	1937	0.645	ug/l	78
27) cis-1,2-Dichloroethene	4.495	96	1685	0.810	ug/l	91
28) Bromochloromethane	4.897	49	1453	0.912	ug/l	# 95
29) Tetrahydrofuran	5.019	42	5407	5.842	ug/l	97
30) Chloroform	5.099	83	3487	0.960	ug/l	# 84
31) Cyclohexane	5.470	56	1336	0.427	ug/l	# 85
32) 1,1,1-Trichloroethane	5.385	97	2342	0.741	ug/l	# 41
36) 1,1-Dichloropropene	5.696	75	1989	0.640	ug/l	98
37) Ethyl Acetate	4.714	43	3566	1.100	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	1675	0.569	ug/l	# 72
39) Methylcyclohexane	7.379	83	1670	0.456	ug/l	# 83
40) Benzene	6.037	78	6622	0.762	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1747	0.908	ug/l	92
42) 1,2-Dichloroethane	6.086	62	3593	0.961	ug/l	88
43) Isopropyl Acetate	6.336	43	4819	0.852	ug/l	95
44) Trichloroethene	7.123	130	1624	0.737	ug/l	98
45) 1,2-Dichloropropane	7.433	63	1743	0.757	ug/l	91
46) Dibromomethane	7.586	93	1302	0.826	ug/l	99
47) Bromodichloromethane	7.824	83	2172	0.713	ug/l #	83
48) Methyl methacrylate	7.702	41	2416	0.866	ug/l	93
49) 1,4-Dioxane	7.726	88	1394	24.550	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	14950	4.590	ug/l	98
52) Toluene	8.720	92	3937	0.717	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	1926	0.582	ug/l #	85
54) cis-1,3-Dichloropropene	8.366	75	2239	0.631	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	1644	0.763	ug/l #	75
56) Ethyl methacrylate	9.116	69	2545	0.729	ug/l	91
57) 1,3-Dichloropropane	9.311	76	3130	0.801	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	7533	4.241	ug/l	95
59) 2-Hexanone	9.433	43	10889	4.439	ug/l	98
60) Dibromochloromethane	9.525	129	1206	0.587	ug/l	96
61) 1,2-Dibromoethane	9.610	107	1661	0.731	ug/l	96
64) Tetrachloroethene	9.275	164	1031	0.592	ug/l	92
65) Chlorobenzene	10.079	112	4143	0.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	1127	0.564	ug/l #	59
67) Ethyl Benzene	10.195	91	6669	0.628	ug/l	89
68) m/p-Xylenes	10.299	106	5191	1.322	ug/l	99
69) o-Xylene	10.646	106	2829	0.726	ug/l	97
70) Styrene	10.652	104	4098	0.652	ug/l	88
71) Bromoform	10.799	173	811	0.617	ug/l #	100
73) Isopropylbenzene	10.963	105	5793	0.626	ug/l	98
74) N-amyl acetate	10.848	43	3405	0.789	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	2768	0.922	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	3049	1.135	ug/l	79
77) Bromobenzene	11.201	156	1651	0.786	ug/l	90
78) n-propylbenzene	11.299	91	6859	0.630	ug/l	94
79) 2-Chlorotoluene	11.366	91	4887	0.717	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	4801	0.610	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	77156	92.526	ug/l #	8
82) 4-Chlorotoluene	11.457	91	5420	0.691	ug/l	97
83) tert-Butylbenzene	11.713	119	4627	0.605	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	5394	0.683	ug/l	100
85) sec-Butylbenzene	11.890	105	4771	0.497	ug/l	97
86) p-Isopropyltoluene	12.012	119	4618	0.585	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	3002	0.752	ug/l	98
88) 1,4-Dichlorobenzene	11.969	146	3002	0.745	ug/l	97
89) n-Butylbenzene	12.335	91	3413	0.475	ug/l	98
90) Hexachloroethane	12.536	117	651	0.544	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	2833	0.725	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	539	0.806	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1728	0.734	ug/l	94
94) Hexachlorobutadiene	13.725	225	502	0.537	ug/l	93
95) Naphthalene	13.774	128	6407	0.795	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1611	0.696	ug/l	95

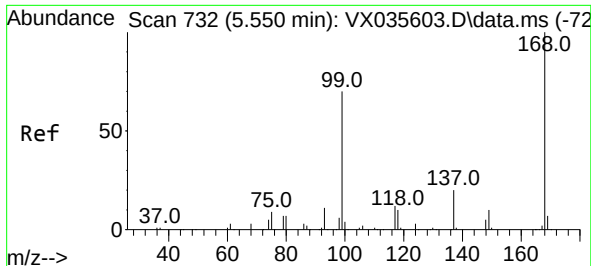
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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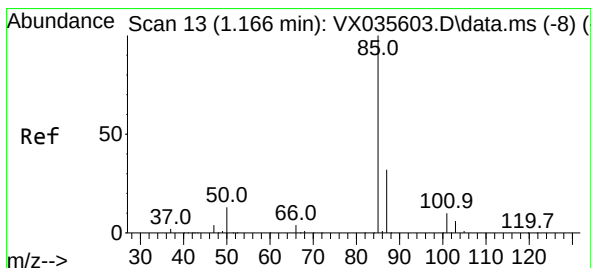
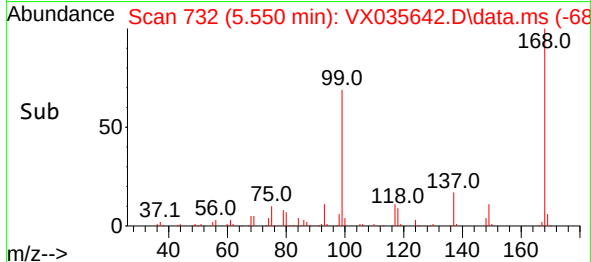
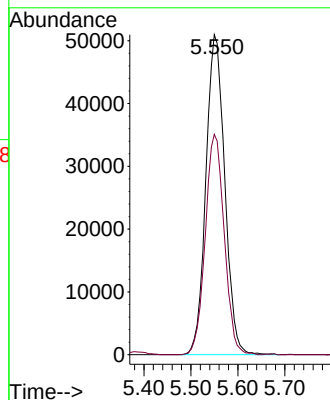
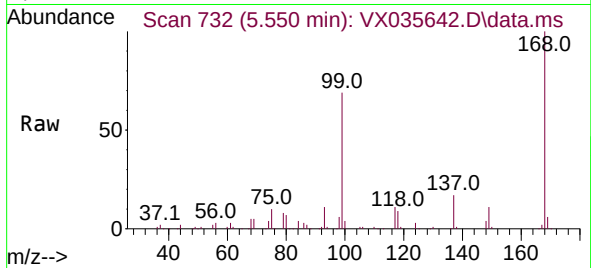
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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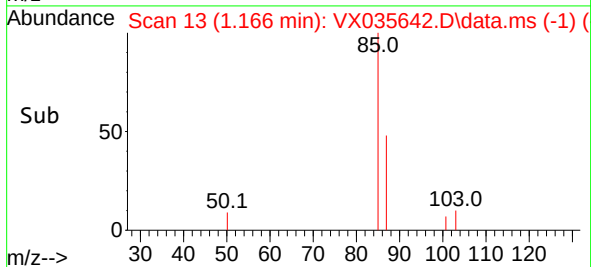
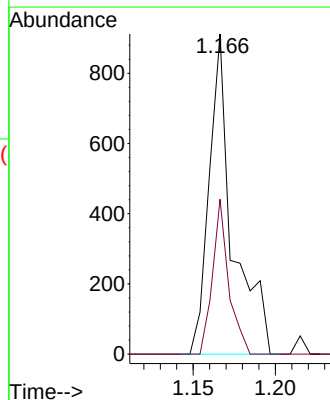
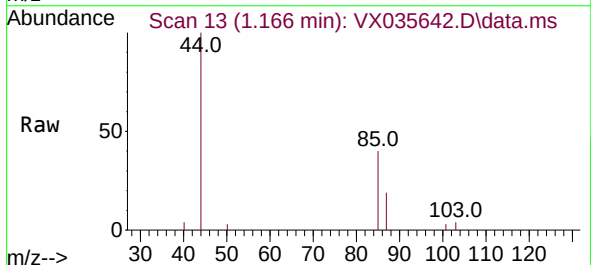
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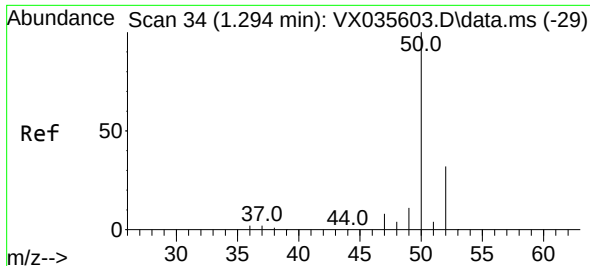
Tgt Ion:168 Resp: 141858
Ion Ratio Lower Upper
168 100
99 68.9 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 0.491 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 85 Resp: 907
Ion Ratio Lower Upper
85 100
87 48.4 16.4 49.1

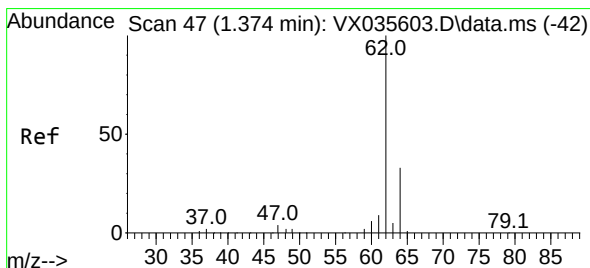
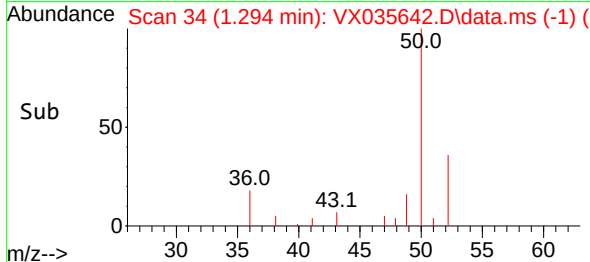
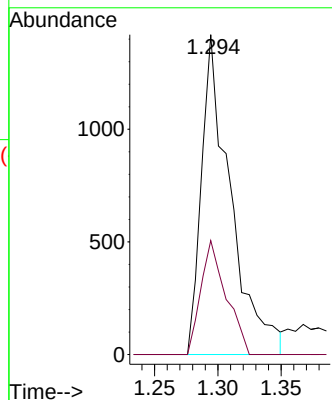
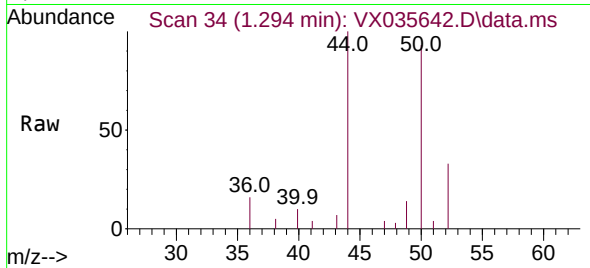




#3
Chloromethane
Concen: 1.012 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

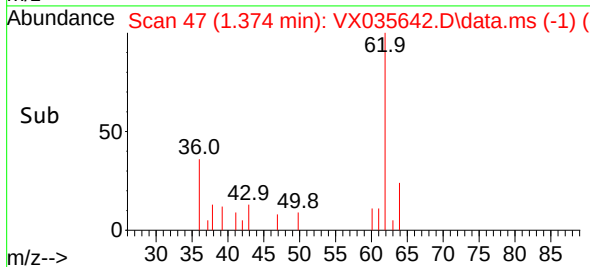
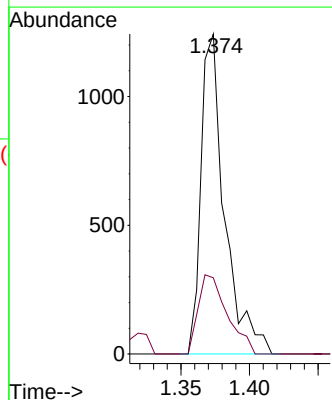
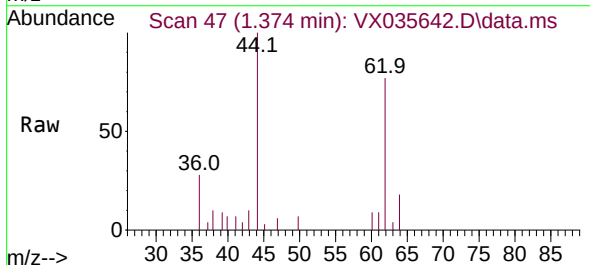
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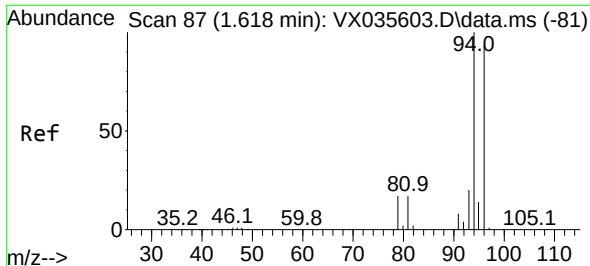
Tgt Ion: 50 Resp: 2271
Ion Ratio Lower Upper
50 100
52 35.6 25.9 38.9



#4
Vinyl Chloride
Concen: 0.780 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 62 Resp: 1486
Ion Ratio Lower Upper
62 100
64 23.8 26.4 39.6#

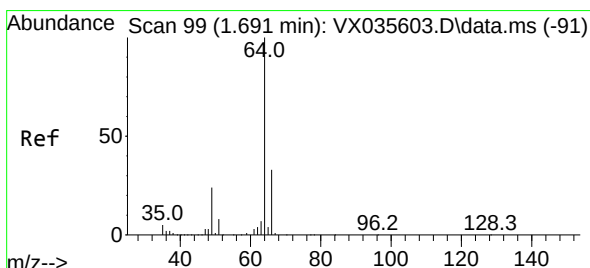
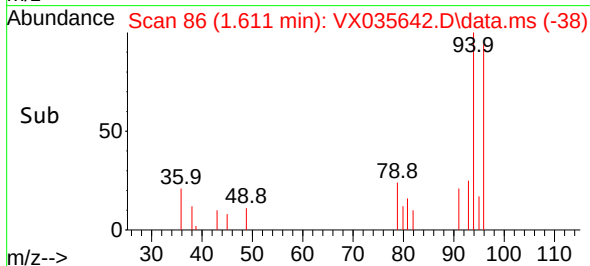
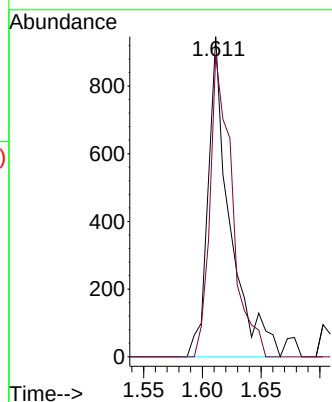
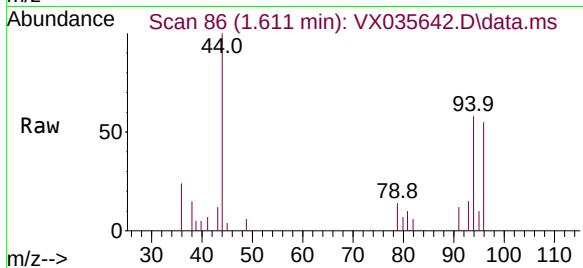




#5
Bromomethane
Concen: 1.173 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.007 min
Lab File: VX035642.D
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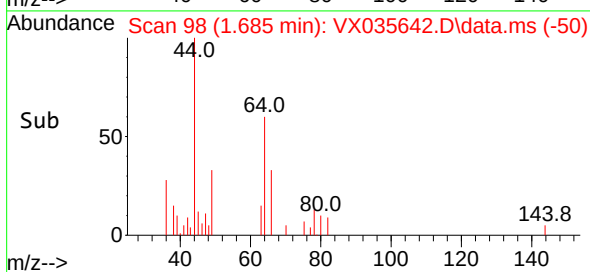
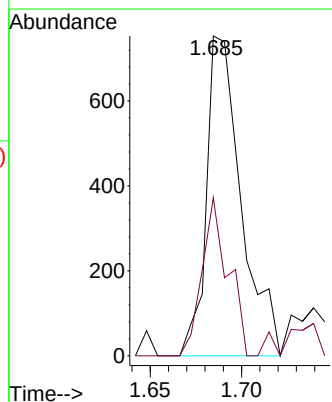
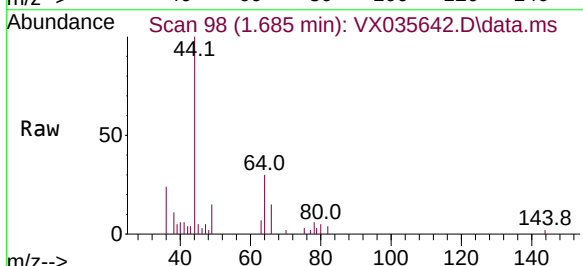
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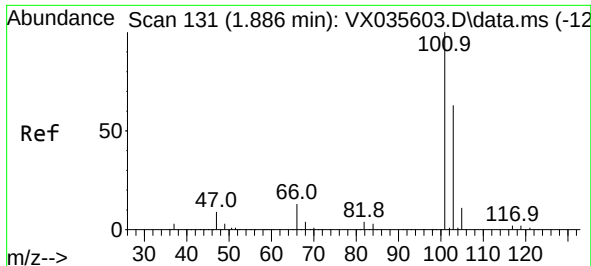
Tgt Ion: 94 Resp: 1210
Ion Ratio Lower Upper
94 100
96 94.1 77.0 115.6



#6
Chloroethane
Concen: 0.863 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 64 Resp: 997
Ion Ratio Lower Upper
64 100
66 49.4 26.2 39.4#

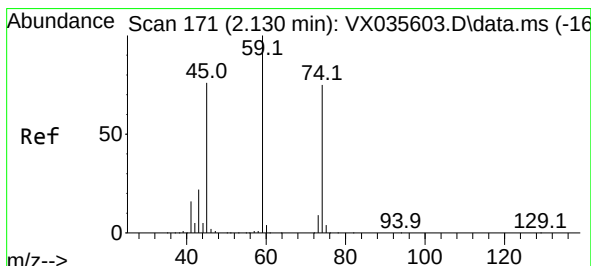
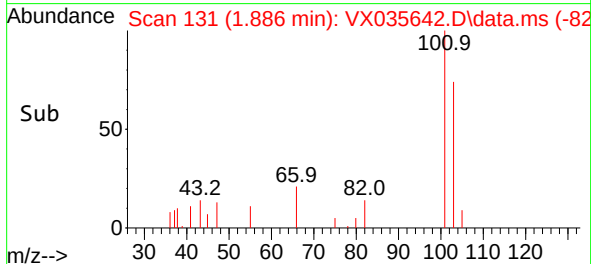
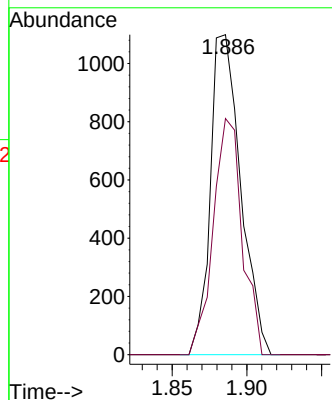
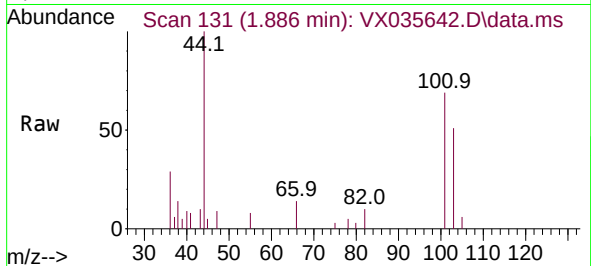




#7
Trichlorofluoromethane
Concen: 0.555 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
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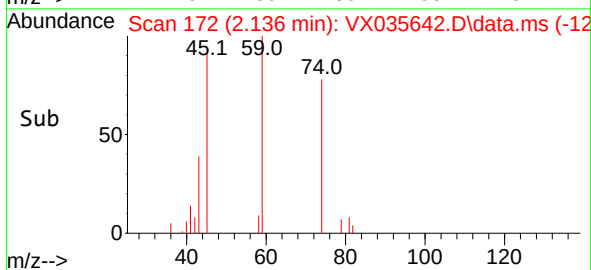
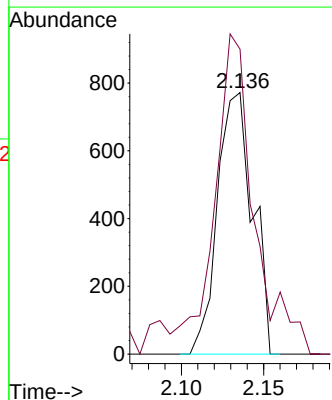
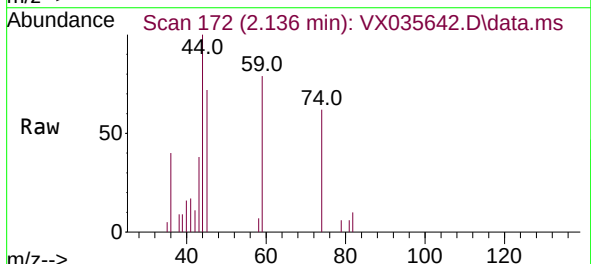
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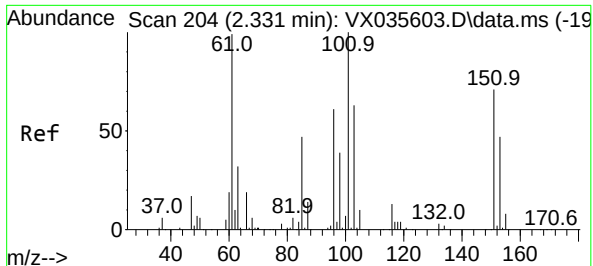
Tgt Ion:101 Resp: 1553
Ion Ratio Lower Upper
101 100
103 73.8 52.0 78.0



#8
Diethyl Ether
Concen: 1.069 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 74 Resp: 1152
Ion Ratio Lower Upper
74 100
45 136.3 49.8 149.3

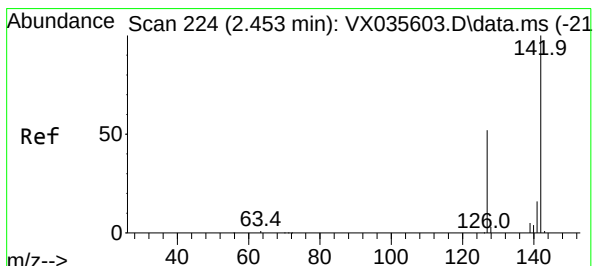
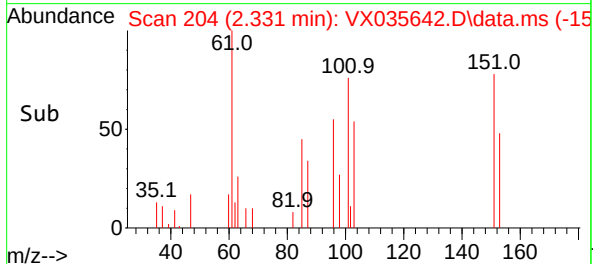
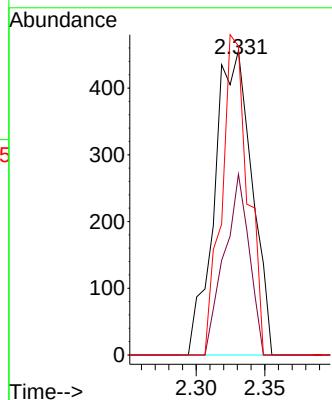
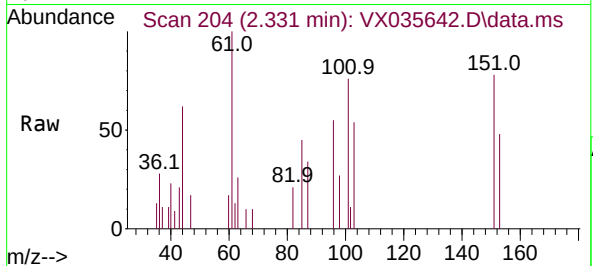




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.521 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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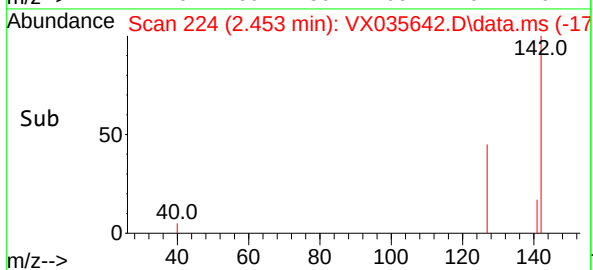
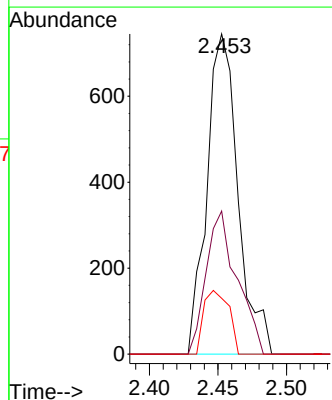
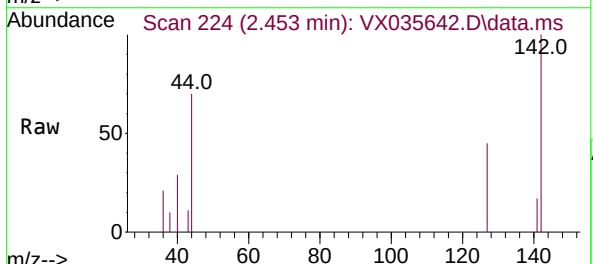
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

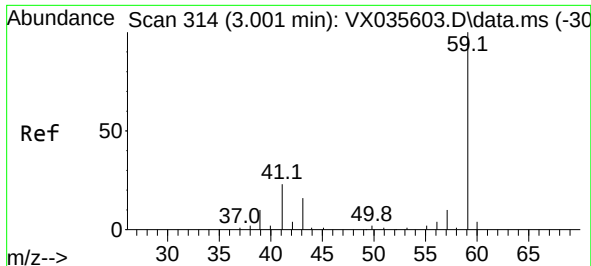
Tgt Ion:101 Resp: 866
Ion Ratio Lower Upper
101 100
85 39.5 35.4 53.2
151 73.7 60.2 90.4



#10
Methyl Iodide
Concen: 0.792 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion:142 Resp: 1178
Ion Ratio Lower Upper
142 100
127 44.4 34.0 51.0
141 16.0 11.1 16.7

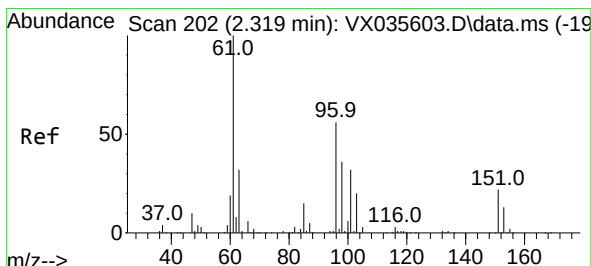
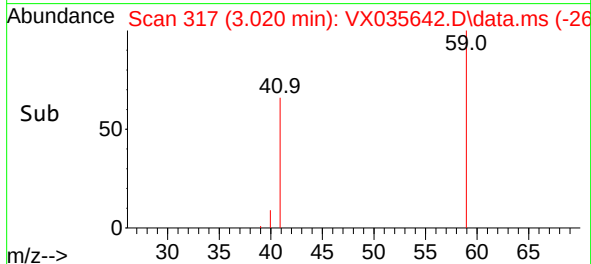
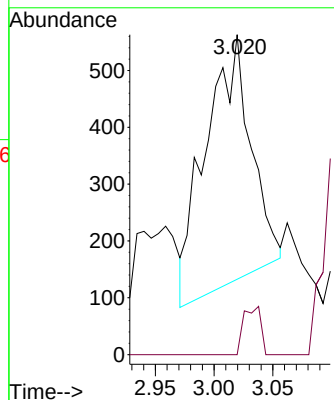
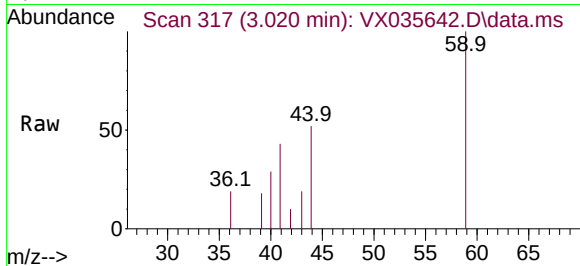




#11
Tert butyl alcohol
Concen: 2.684 ug/l
RT: 3.020 min Scan# 314
Delta R.T. 0.019 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

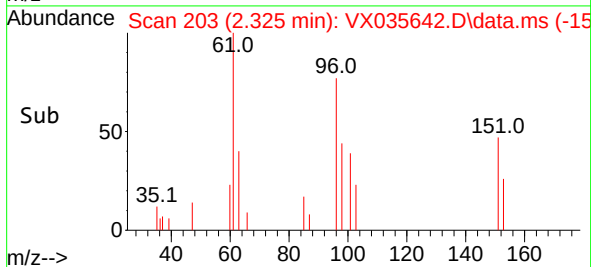
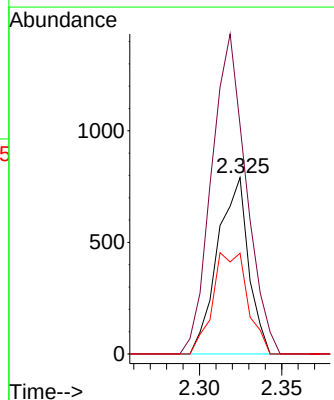
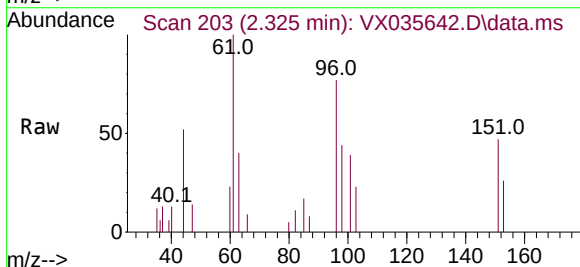
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

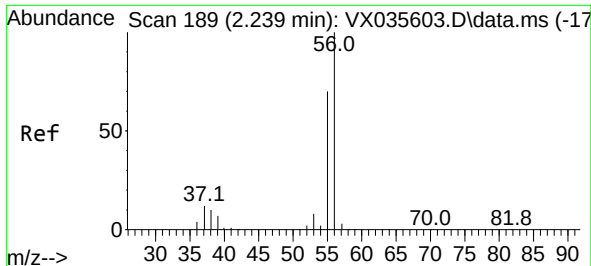
Tgt Ion: 59 Resp: 1172
Ion Ratio Lower Upper
59 100
57 7.3 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 0.654 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 96 Resp: 1033
Ion Ratio Lower Upper
96 100
61 129.9 128.8 193.2
98 57.2 51.4 77.0

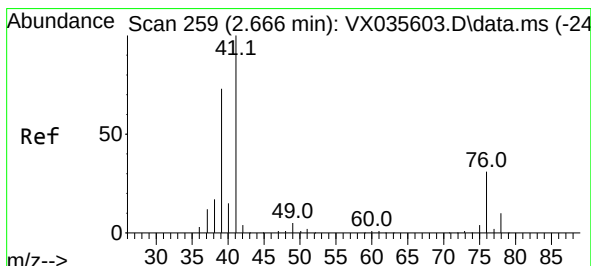
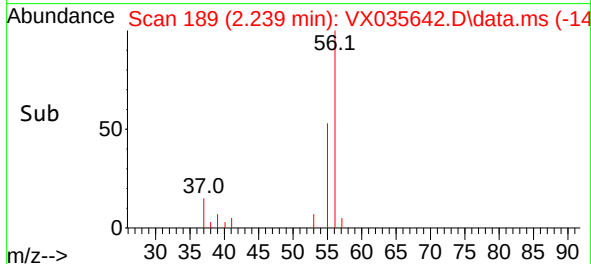
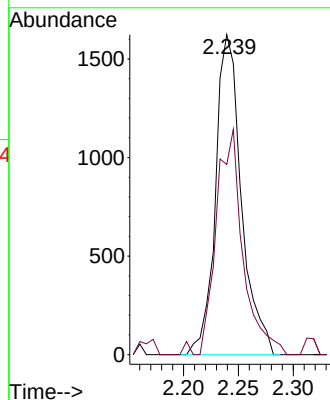
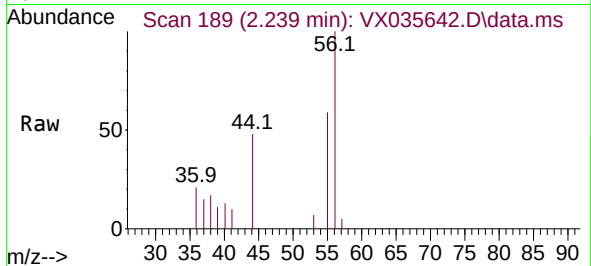




#13
Acrolein
Concen: 5.141 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

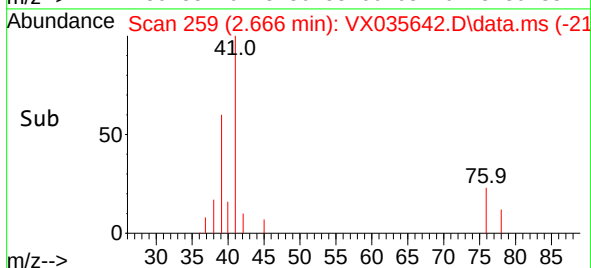
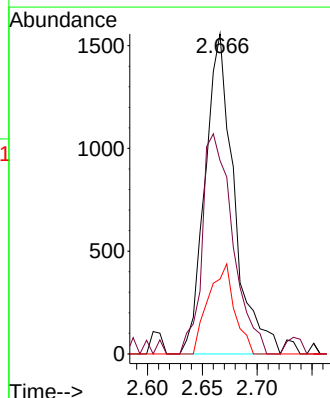
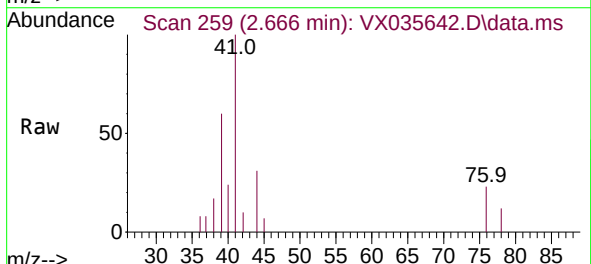
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

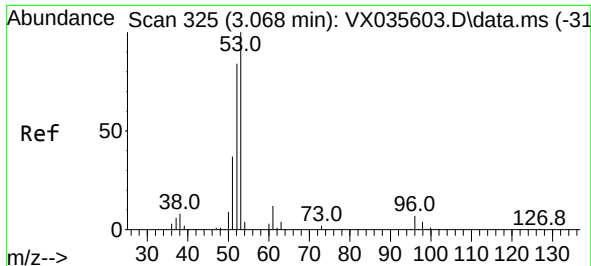
Tgt Ion: 56 Resp: 2664
Ion Ratio Lower Upper
56 100
55 73.2 56.6 85.0



#14
Allyl chloride
Concen: 0.847 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 41 Resp: 2865
Ion Ratio Lower Upper
41 100
39 72.8 52.4 78.6
76 25.4 26.0 39.0#

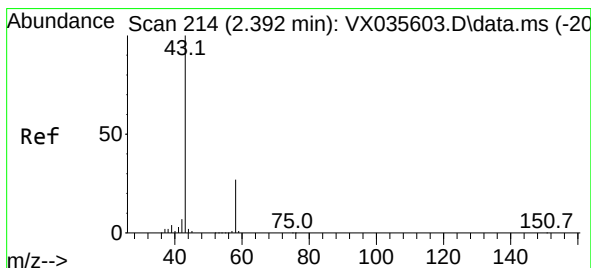
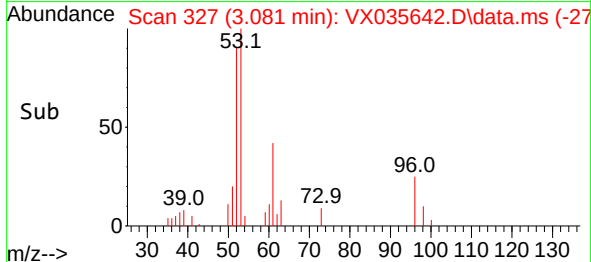
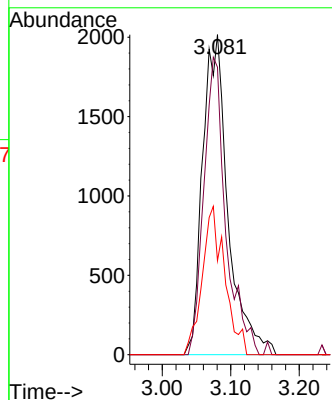
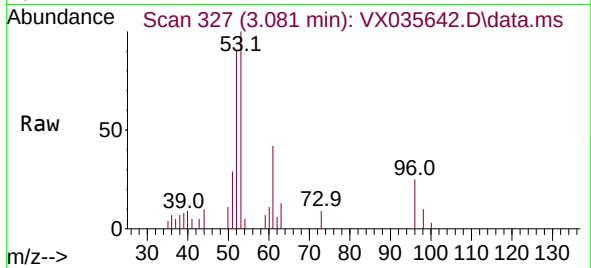




#15
Acrylonitrile
Concen: 5.414 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

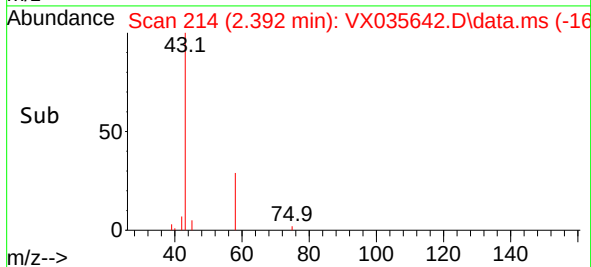
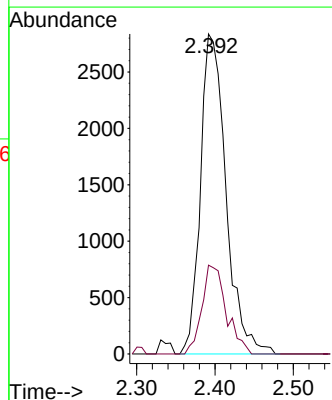
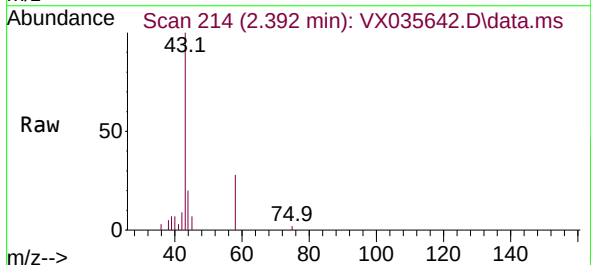
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

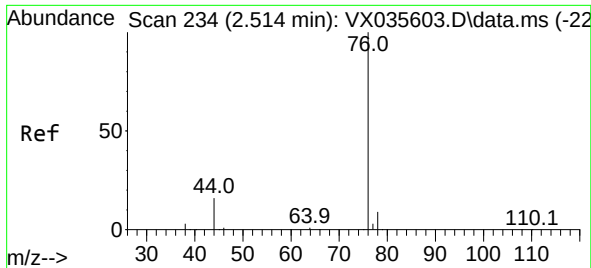
Tgt Ion: 53 Resp: 5205
Ion Ratio Lower Upper
53 100
52 80.6 66.2 99.2
51 41.1 28.3 42.5



#16
Acetone
Concen: 6.044 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 43 Resp: 6429
Ion Ratio Lower Upper
43 100
58 27.8 24.7 37.1





#17

Carbon Disulfide

Concen: 0.603 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

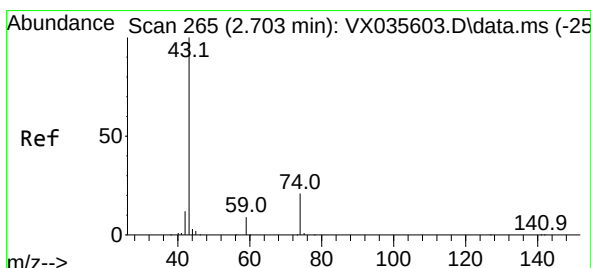
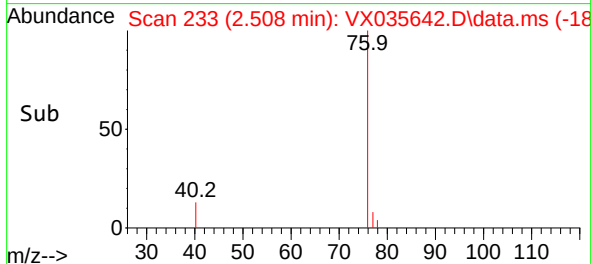
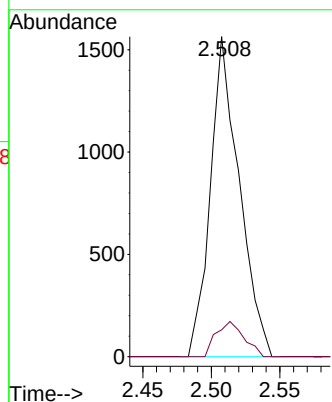
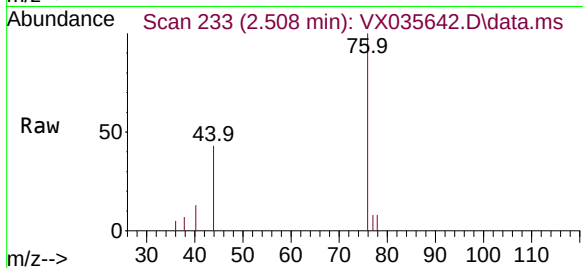
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 2299

Ion Ratio Lower Upper

76 100

78 8.4 7.2 10.8



#18

Methyl Acetate

Concen: 1.104 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX035642.D

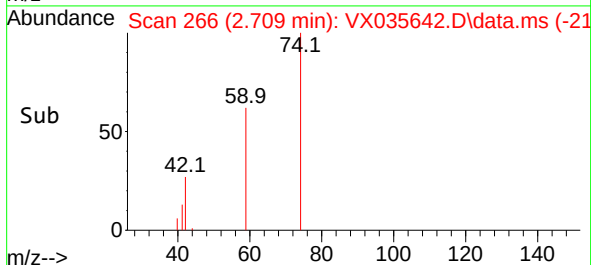
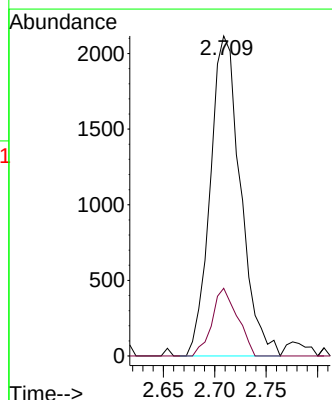
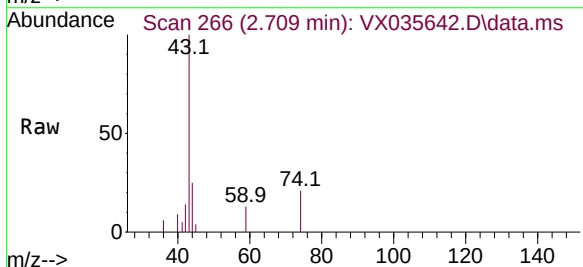
Acq: 12 May 2023 16:51

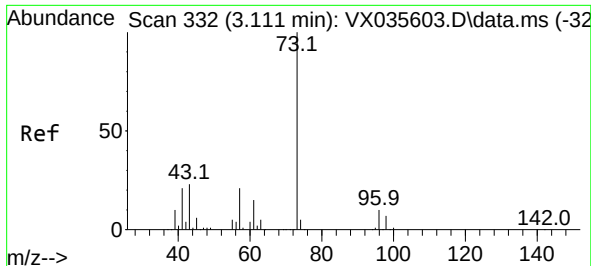
Tgt Ion: 43 Resp: 4331

Ion Ratio Lower Upper

43 100

74 17.8 18.3 27.5#

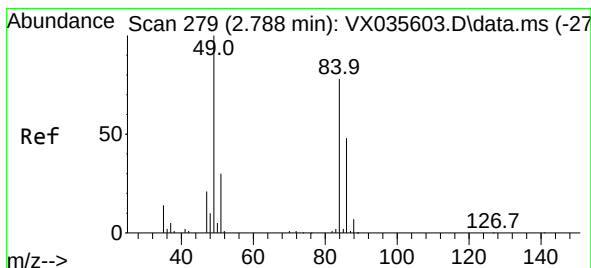
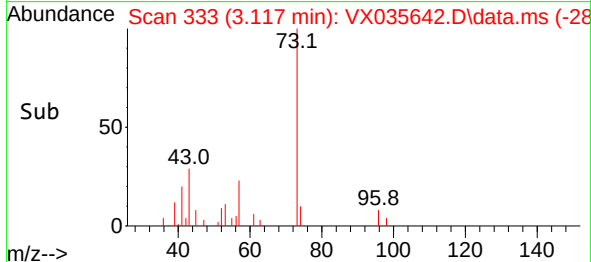
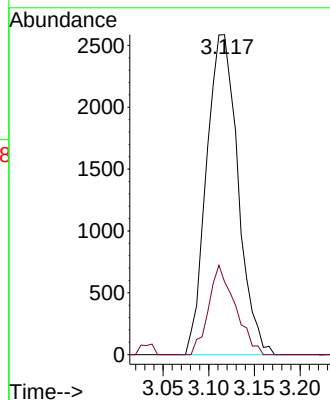
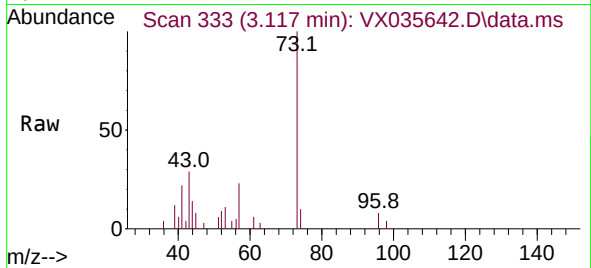




#19
Methyl tert-butyl Ether
Concen: 0.986 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

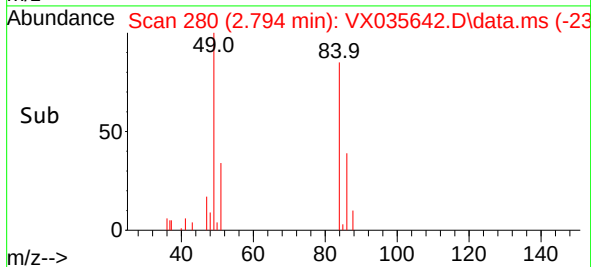
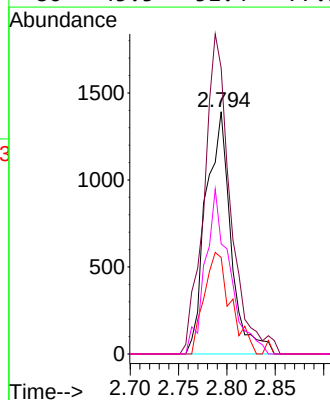
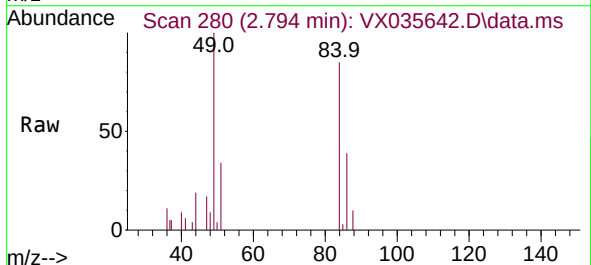
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

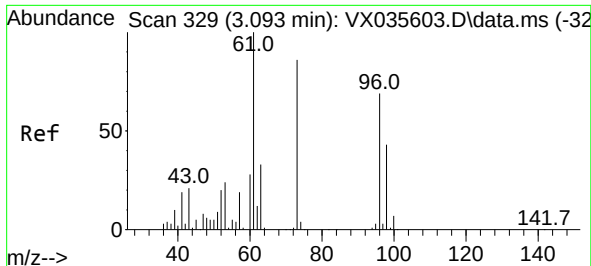
Tgt Ion: 73 Resp: 6198
Ion Ratio Lower Upper
73 100
57 22.8 18.5 27.7



#20
Methylene Chloride
Concen: 1.301 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 84 Resp: 2507
Ion Ratio Lower Upper
84 100
49 118.1 103.8 155.8
51 39.9 31.8 47.8
86 45.5 51.4 77.2#

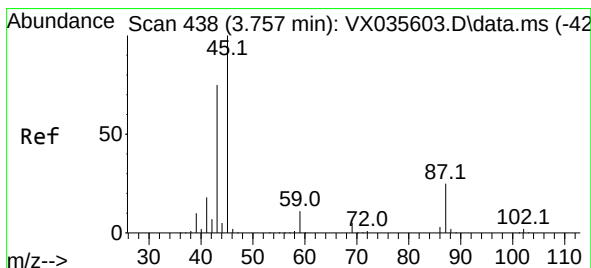
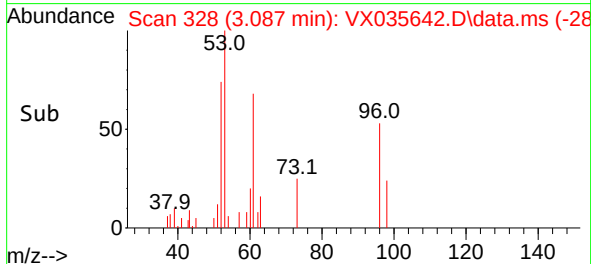
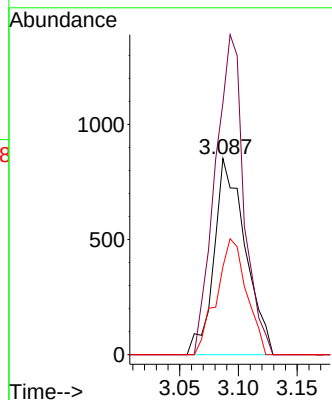
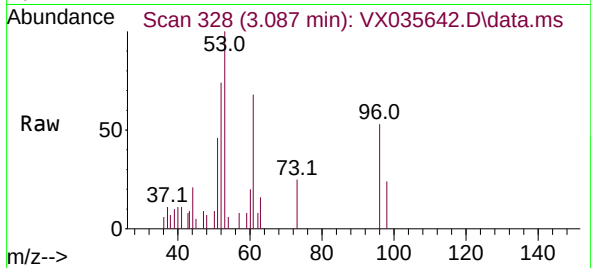




#21
trans-1,2-Dichloroethene
Concen: 0.908 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

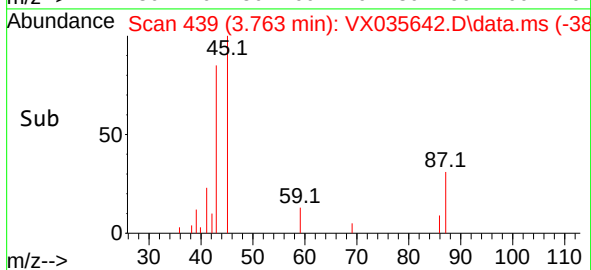
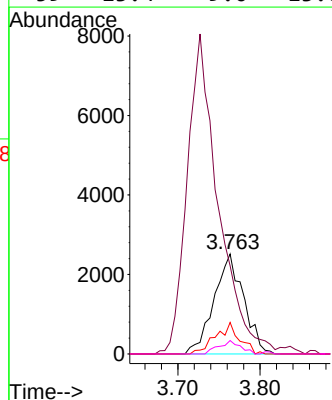
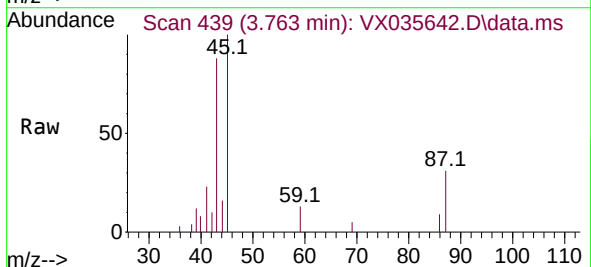
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

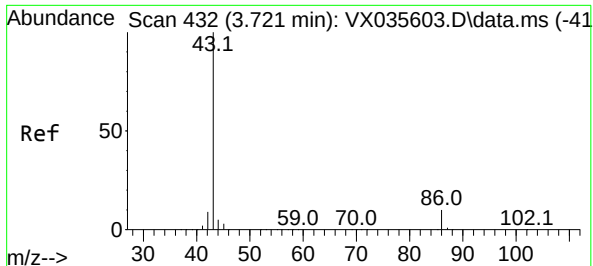
Tgt Ion: 96 Resp: 1572
Ion Ratio Lower Upper
96 100
61 128.4 113.0 169.6
98 44.8 52.1 78.1#



#22
Diisopropyl ether
Concen: 0.952 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 45 Resp: 6311
Ion Ratio Lower Upper
45 100
43 81.6 65.4 98.2
87 31.5 20.6 31.0#
59 13.4 9.0 13.6

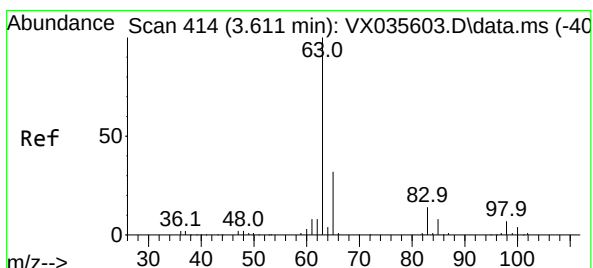
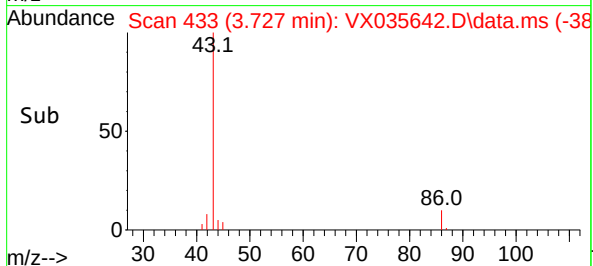
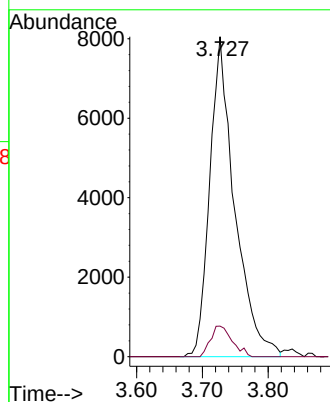
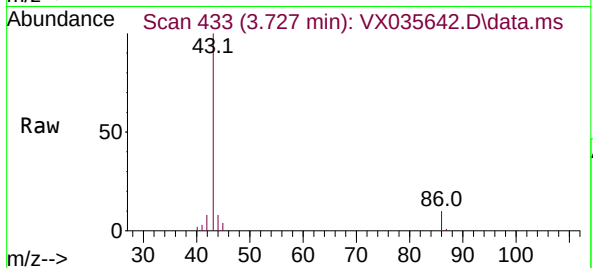




#23
 Vinyl Acetate
 Concen: 4.523 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX035642.D
 Acq: 12 May 2023 16:51

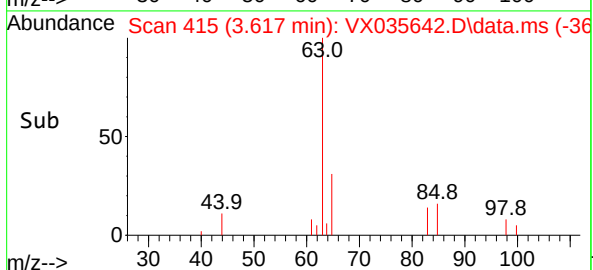
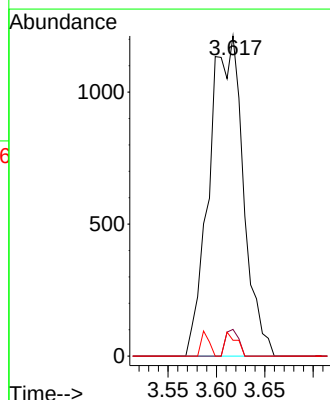
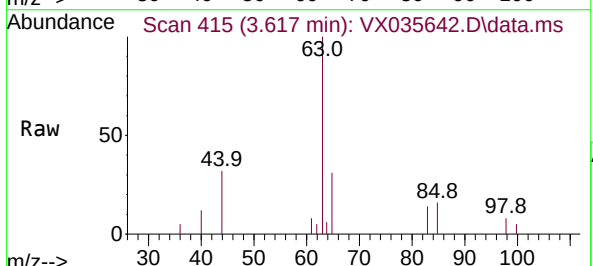
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

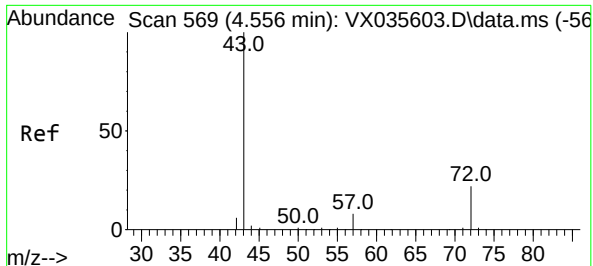
Tgt Ion: 43 Resp: 21207
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 0.837 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX035642.D
 Acq: 12 May 2023 16:51

Tgt Ion: 63 Resp: 2967
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.2
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 5.555 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

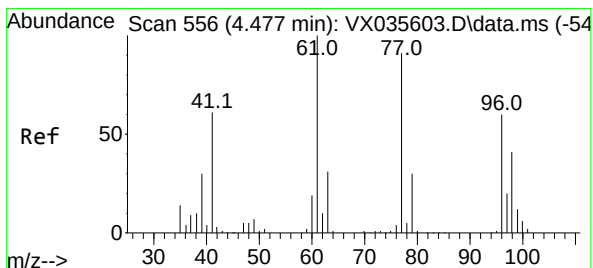
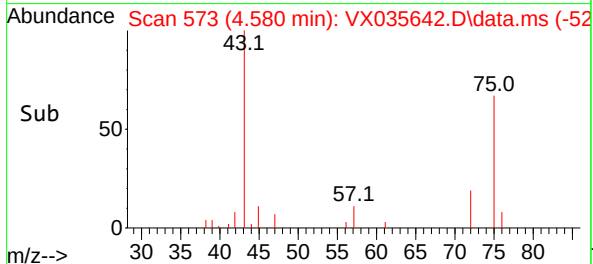
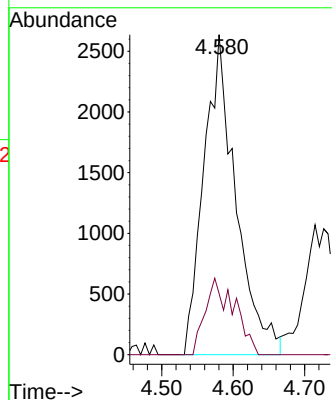
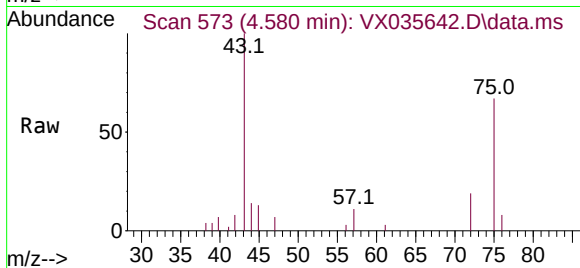
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 8180

Ion Ratio Lower Upper

43 100

72 19.1 19.3 28.9#



#26

2,2-Dichloropropane

Concen: 0.645 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX035642.D

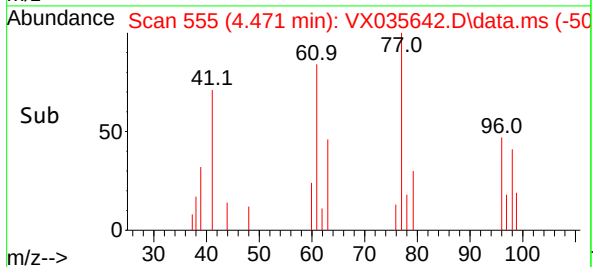
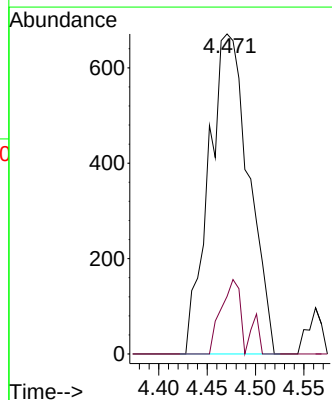
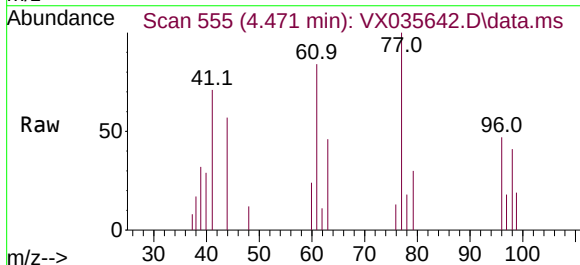
Acq: 12 May 2023 16:51

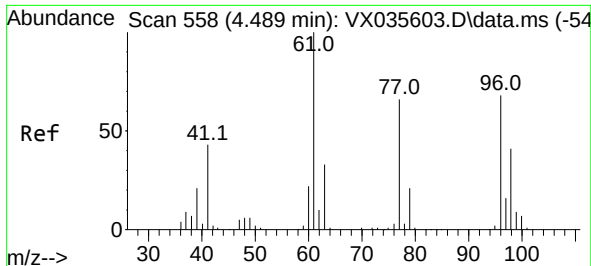
Tgt Ion: 77 Resp: 1937

Ion Ratio Lower Upper

77 100

97 11.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 0.810 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

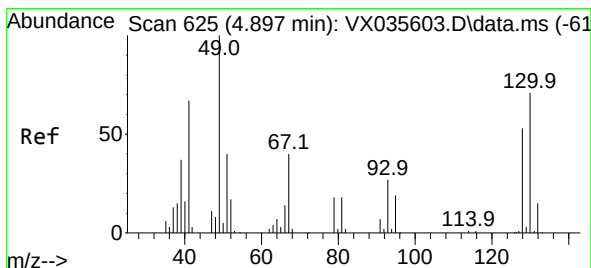
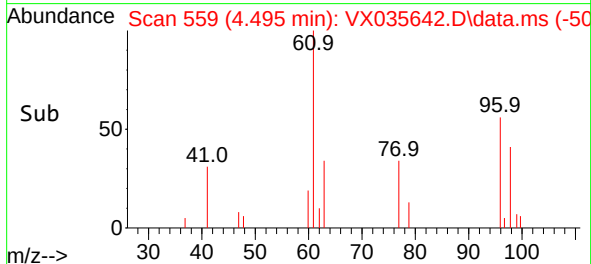
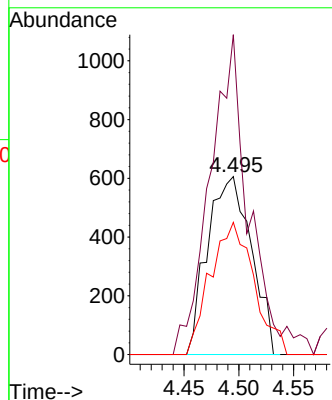
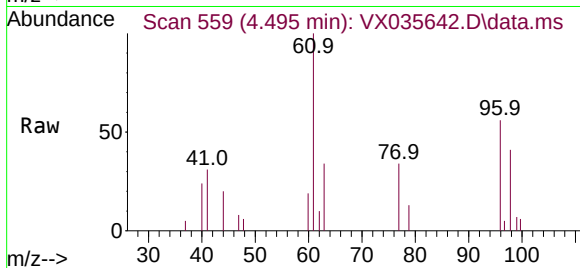
Tgt Ion: 96 Resp: 1685

Ion Ratio Lower Upper

96 100

61 160.7 0.0 300.4

98 73.8 0.0 129.0



#28

Bromochloromethane

Concen: 0.912 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

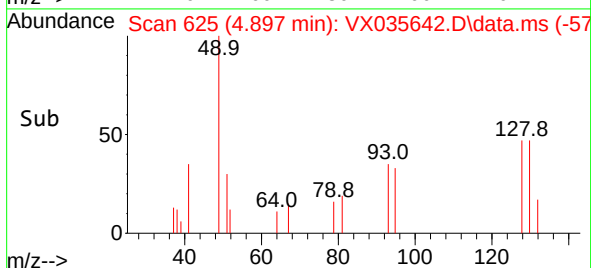
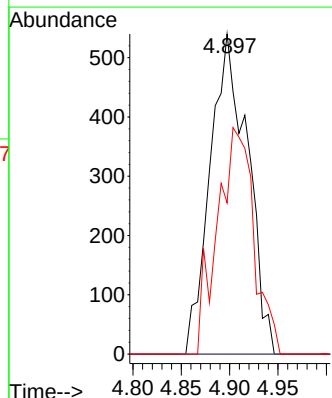
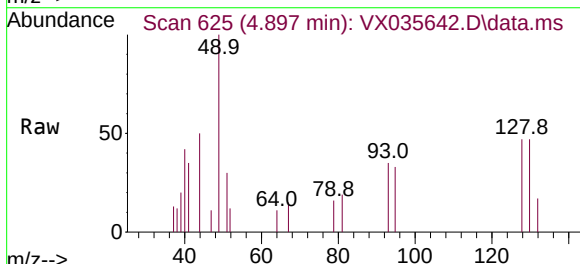
Tgt Ion: 49 Resp: 1453

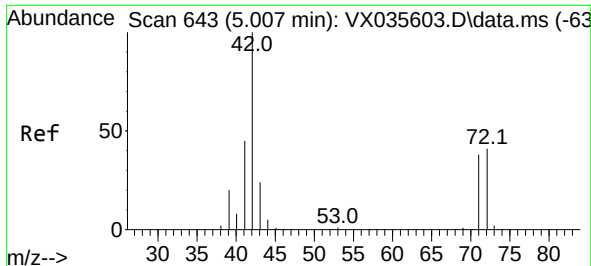
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 68.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 5.842 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

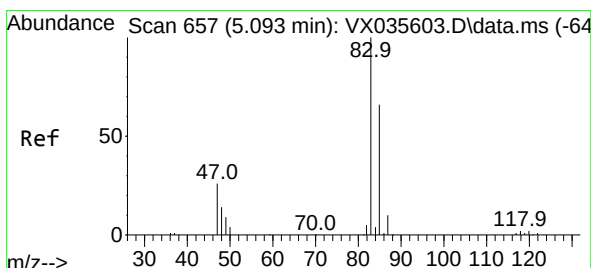
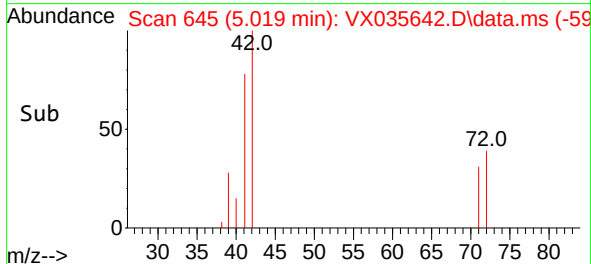
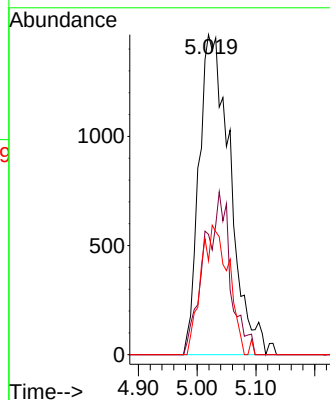
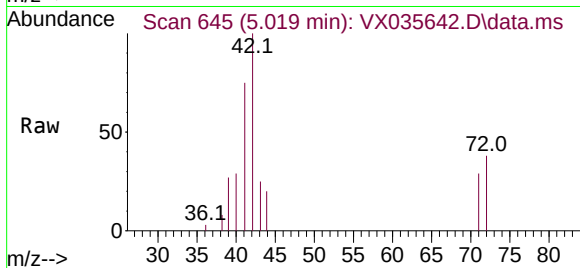
Tgt Ion: 42 Resp: 5407

Ion Ratio Lower Upper

42 100

72 43.1 34.5 51.7

71 35.8 32.1 48.1



#30

Chloroform

Concen: 0.960 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX035642.D

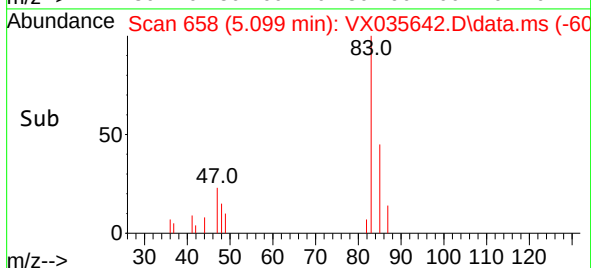
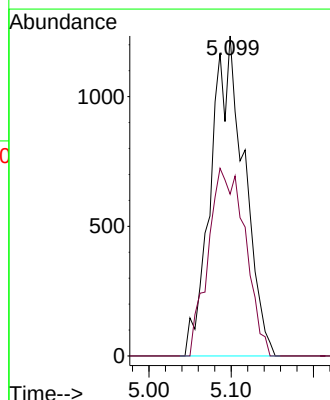
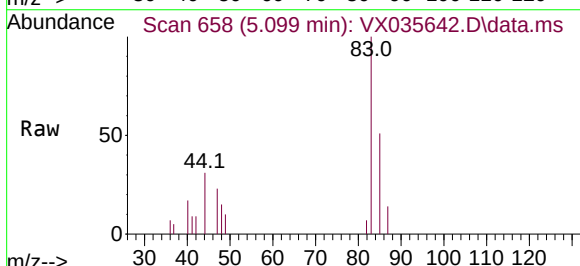
Acq: 12 May 2023 16:51

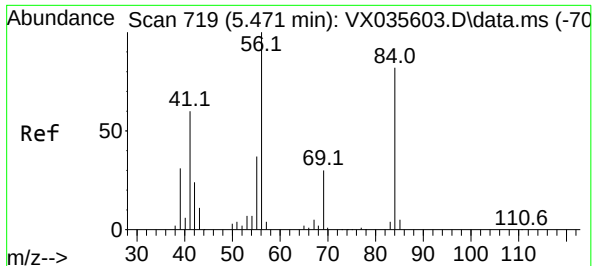
Tgt Ion: 83 Resp: 3487

Ion Ratio Lower Upper

83 100

85 50.6 50.6 76.0#





#31

Cyclohexane

Concen: 0.427 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.001 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

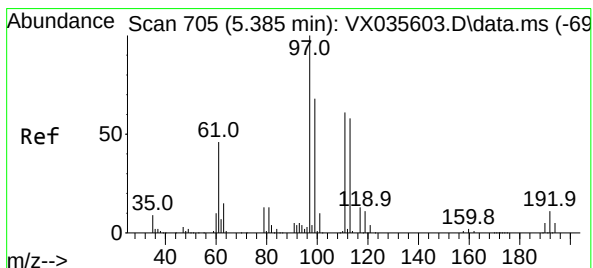
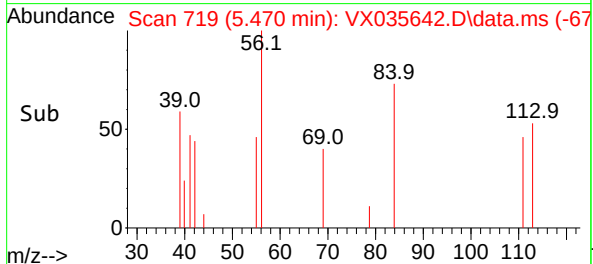
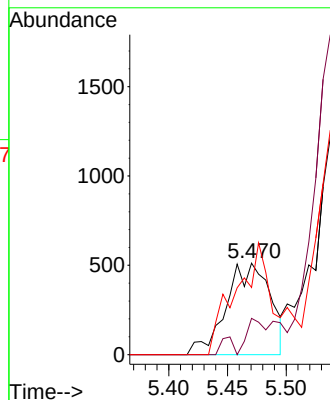
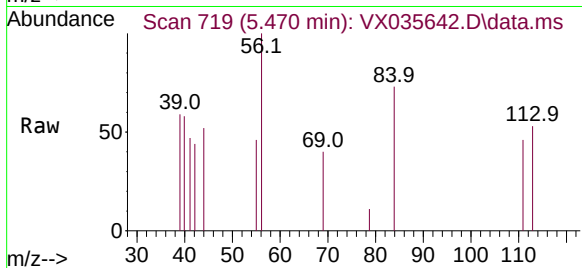
Tgt Ion: 56 Resp: 1336

Ion Ratio Lower Upper

56 100

69 39.6 23.7 35.5#

84 73.4 68.5 102.7



#32

1,1,1-Trichloroethane

Concen: 0.741 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

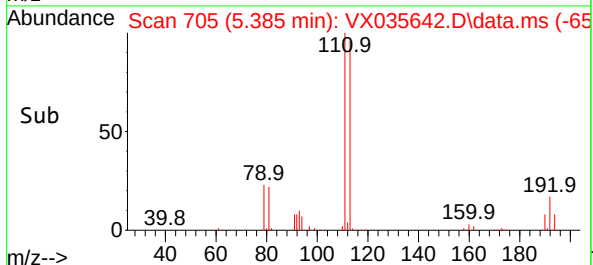
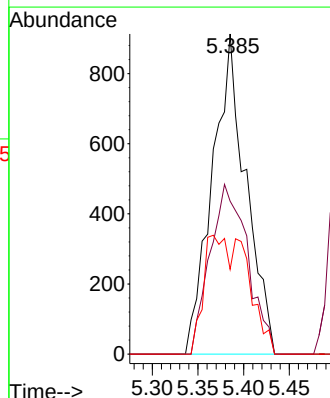
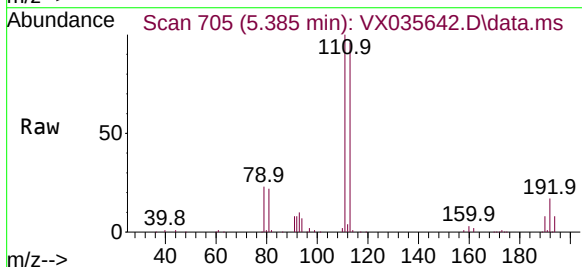
Tgt Ion: 97 Resp: 2342

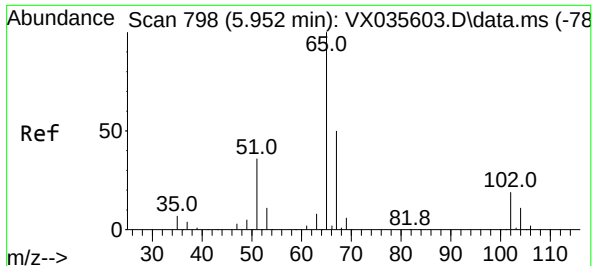
Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 27.8 36.5 54.7#





#33

1,2-Dichloroethane-d4

Concen: 68.976 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

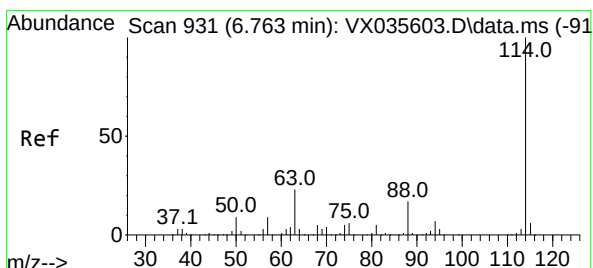
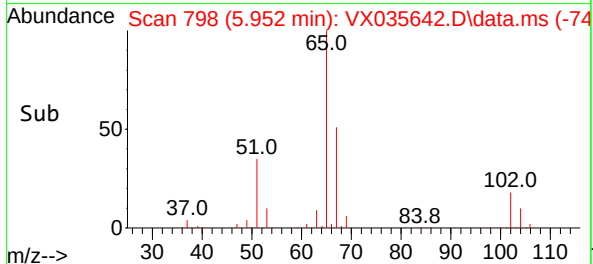
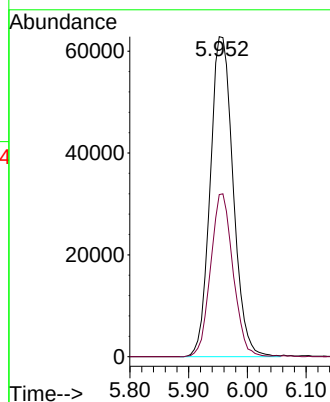
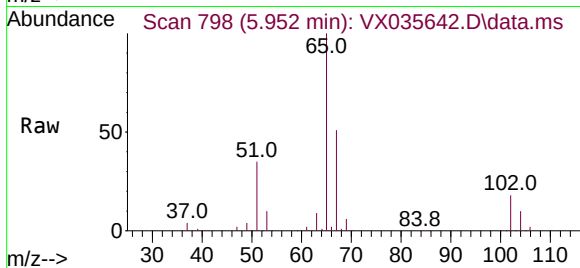
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 65 Resp: 170700

Ion Ratio Lower Upper

65 100

67 49.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

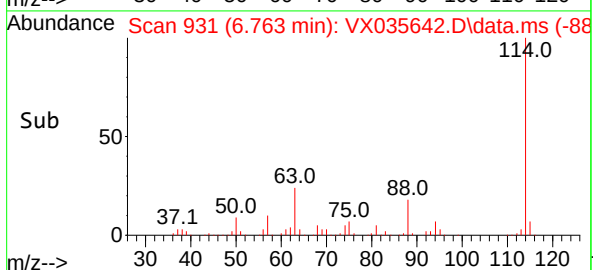
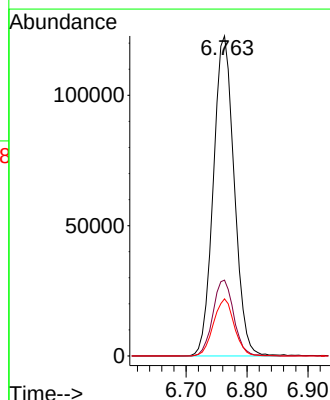
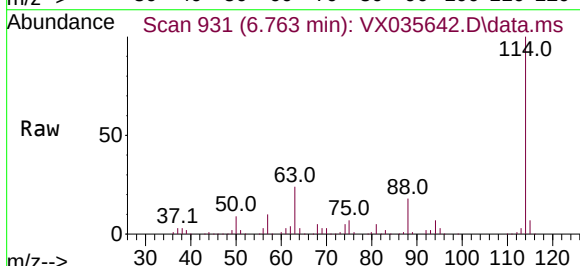
Tgt Ion: 114 Resp: 292007

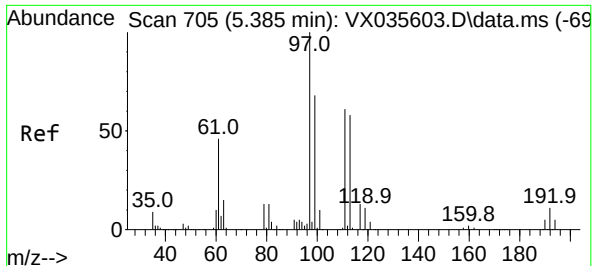
Ion Ratio Lower Upper

114 100

63 23.7 0.0 42.2

88 17.8 0.0 33.2

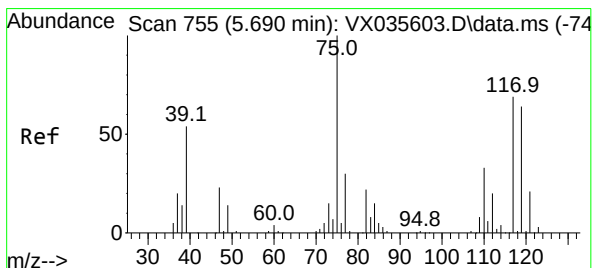
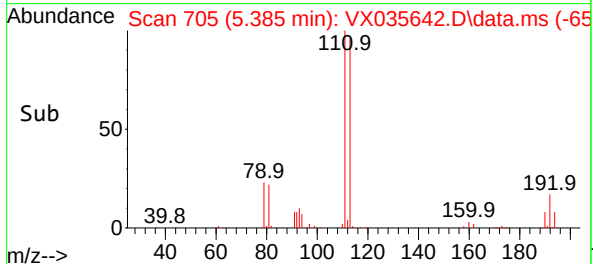
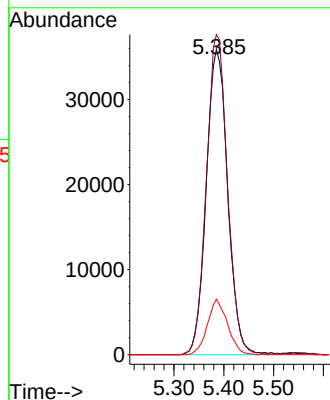
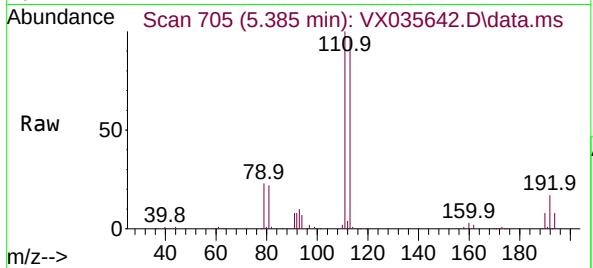




#35
Dibromofluoromethane
Concen: 54.467 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

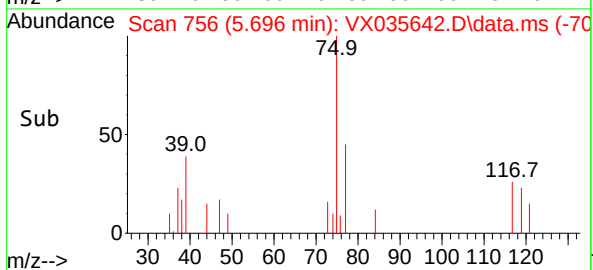
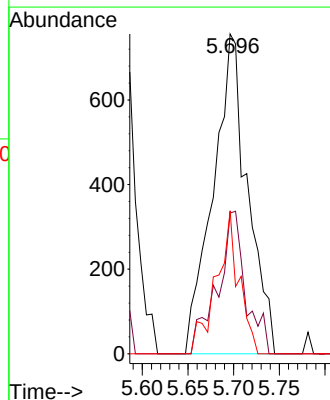
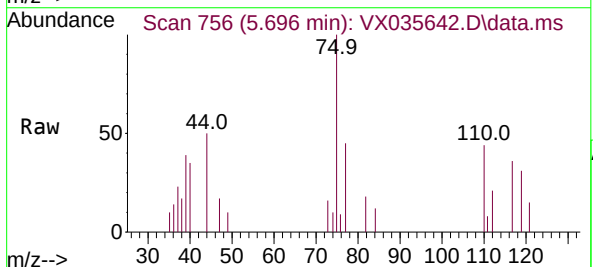
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

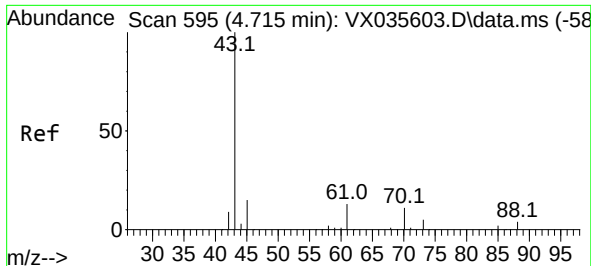
Tgt Ion:113 Resp: 107261
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 17.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 0.640 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 75 Resp: 1989
Ion Ratio Lower Upper
75 100
110 36.3 17.5 52.5
77 29.4 24.3 36.5





#37

Ethyl Acetate

Concen: 1.100 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

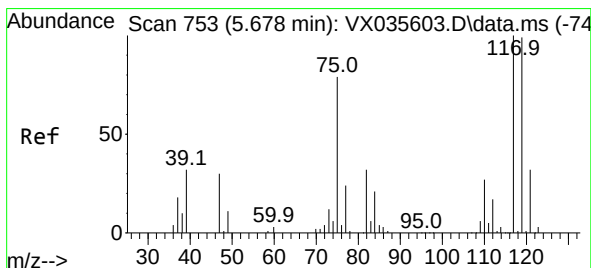
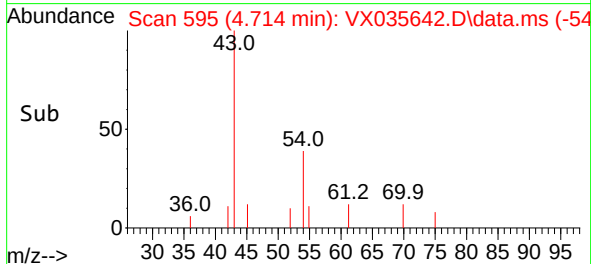
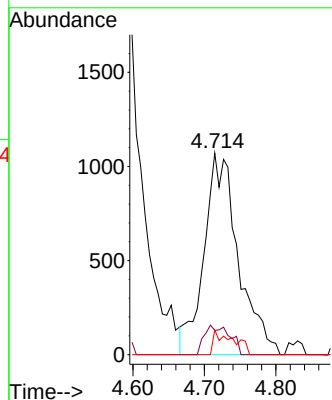
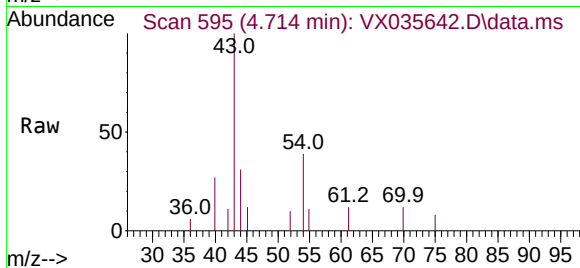
Tgt Ion: 43 Resp: 3566

Ion Ratio Lower Upper

43 100

61 10.8 10.2 15.4

70 7.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 0.569 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

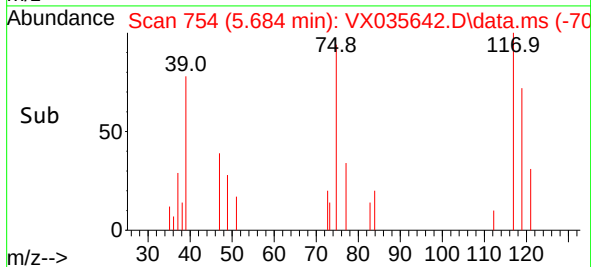
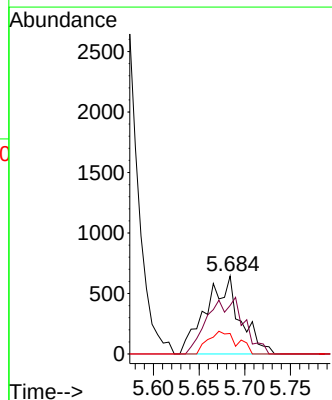
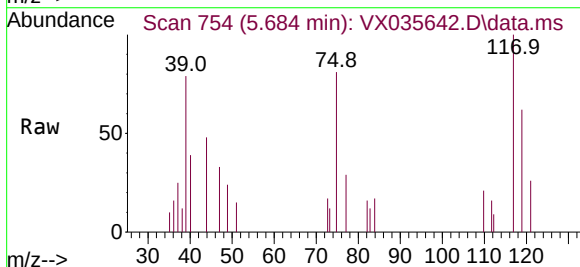
Tgt Ion: 117 Resp: 1675

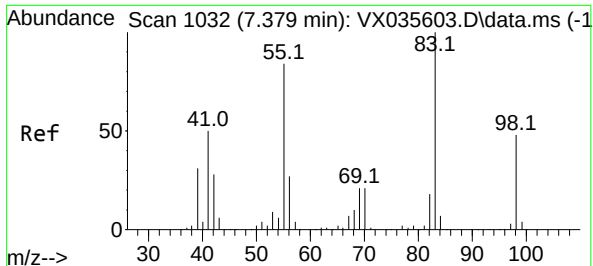
Ion Ratio Lower Upper

117 100

119 62.3 76.6 114.8#

121 26.2 23.8 35.6





#39

Methylcyclohexane

Concen: 0.456 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

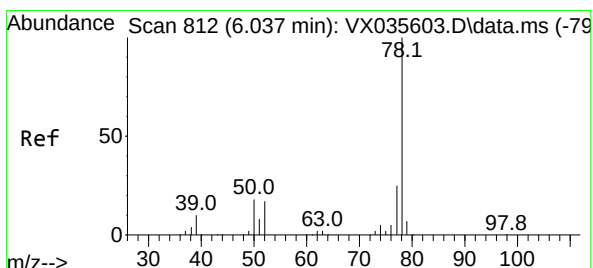
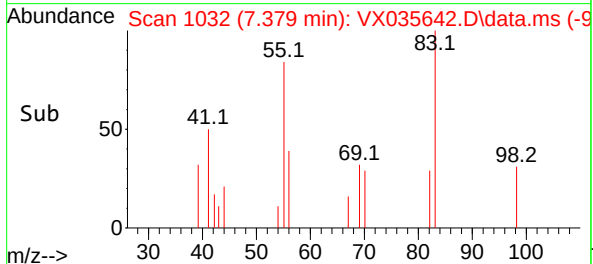
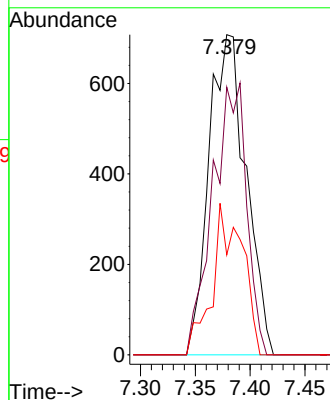
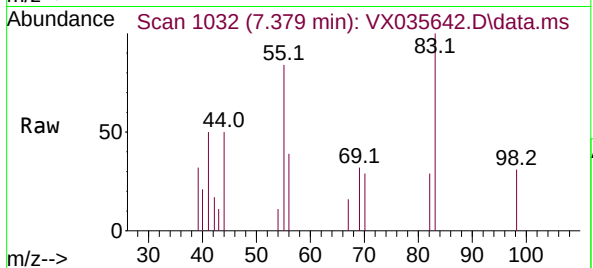
Tgt Ion: 83 Resp: 1670

Ion Ratio Lower Upper

83 100

55 83.6 60.5 90.7

98 31.2 40.4 60.6#



#40

Benzene

Concen: 0.762 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035642.D

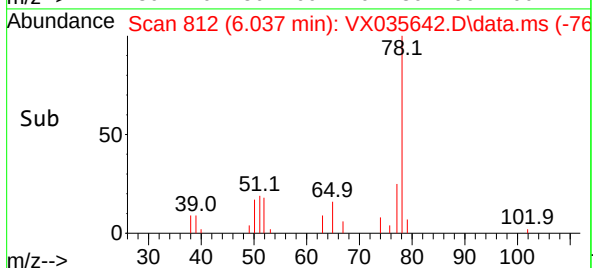
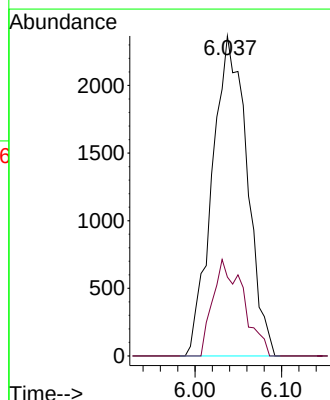
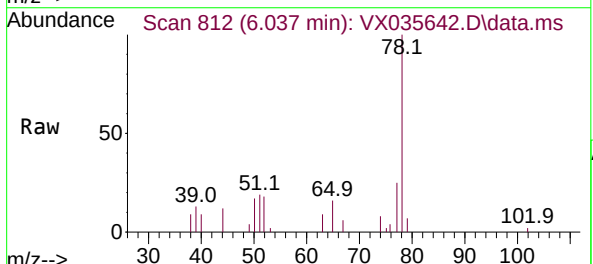
Acq: 12 May 2023 16:51

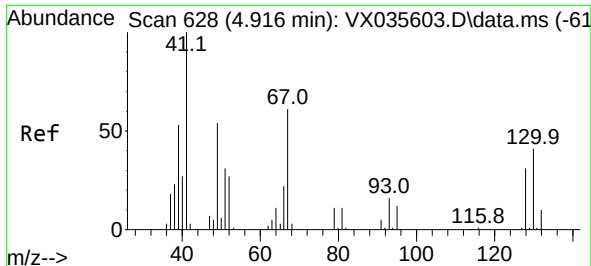
Tgt Ion: 78 Resp: 6622

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.4

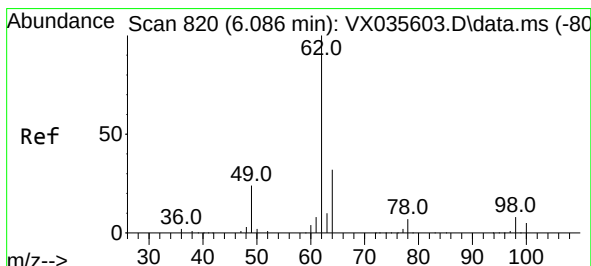
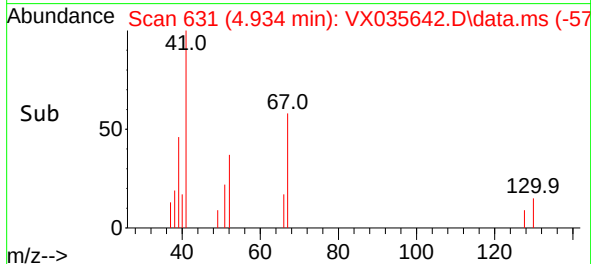
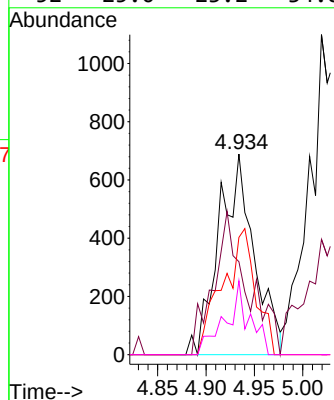
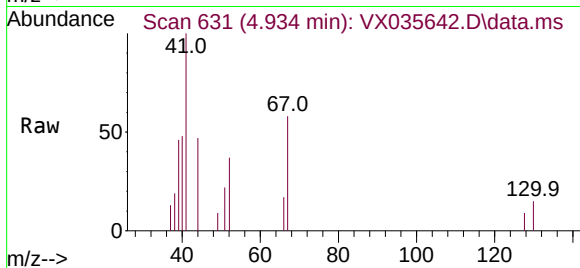




#41
Methacrylonitrile
Concen: 0.908 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

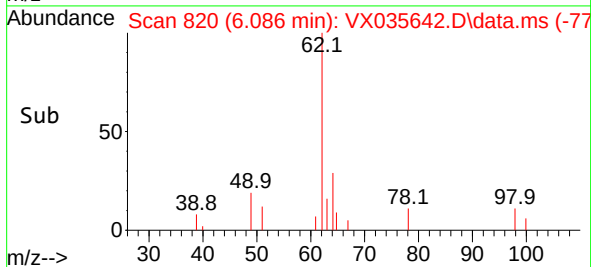
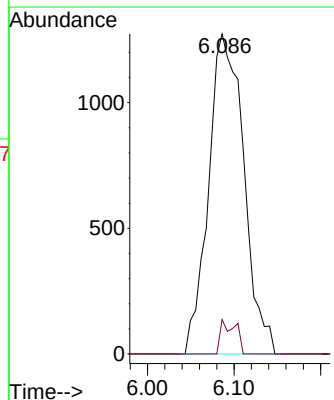
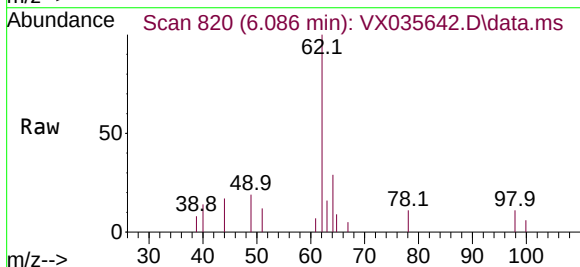
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

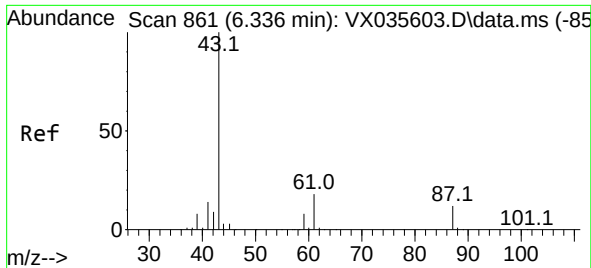
Tgt Ion: 41	Resp:	1747	
Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.0	67.6
67	58.9	55.6	83.4
52	25.0	23.2	34.8



#42
1,2-Dichloroethane
Concen: 0.961 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 62	Resp:	3593	
Ion	Ratio	Lower	Upper
62	100		
98	4.6	0.0	18.0





#43

Isopropyl Acetate

Concen: 0.852 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

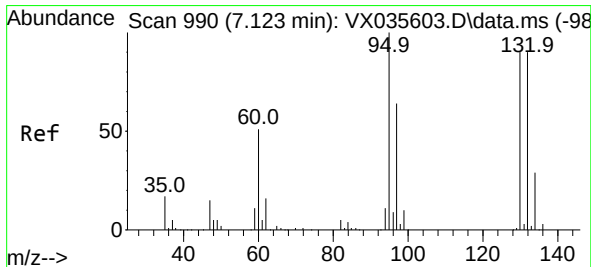
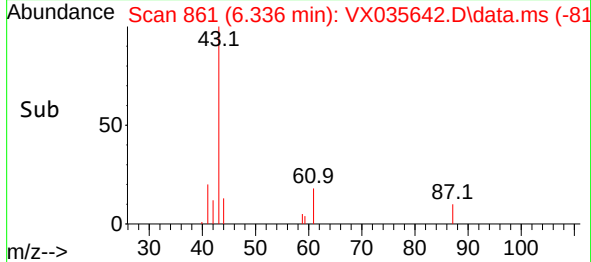
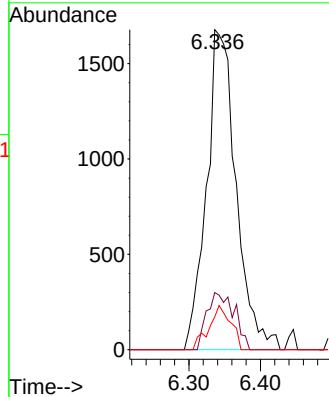
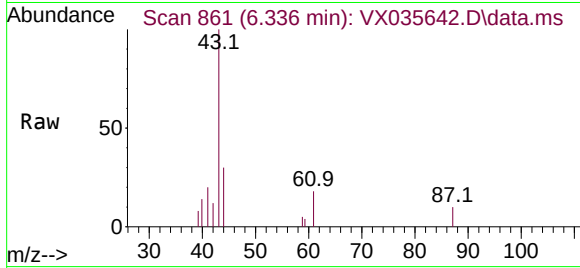
Tgt Ion: 43 Resp: 4819

Ion Ratio Lower Upper

43 100

61 16.6 15.2 22.8

87 10.2 9.8 14.8



#44

Trichloroethene

Concen: 0.737 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035642.D

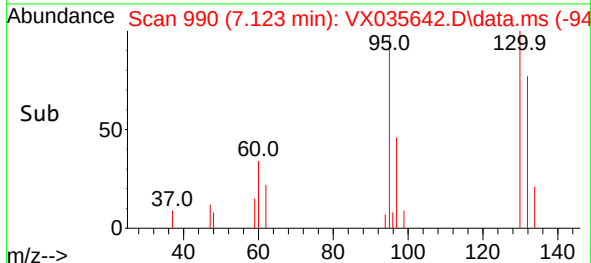
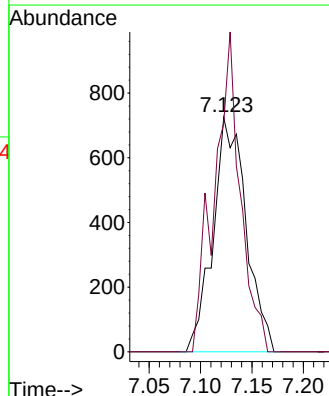
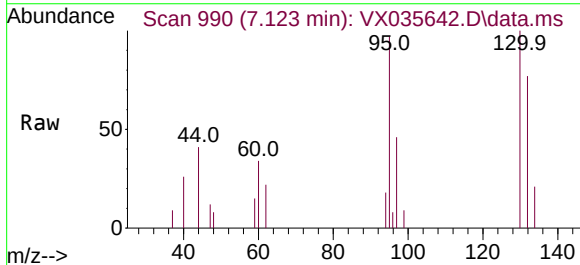
Acq: 12 May 2023 16:51

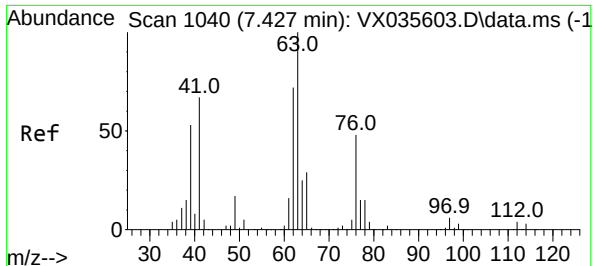
Tgt Ion:130 Resp: 1624

Ion Ratio Lower Upper

130 100

95 97.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 0.757 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

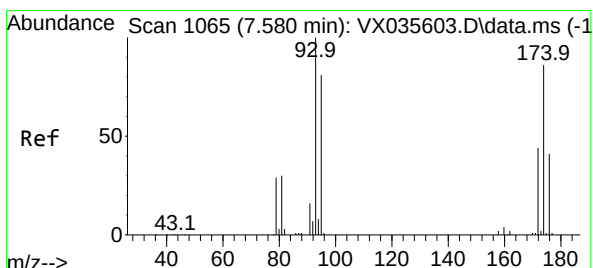
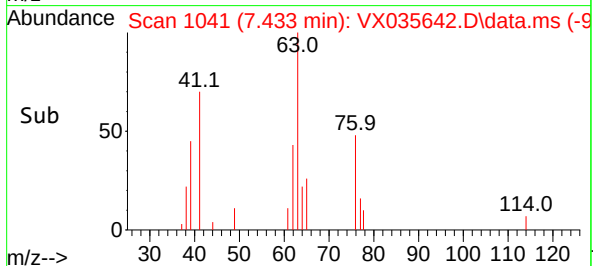
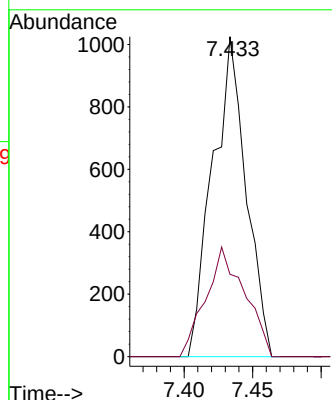
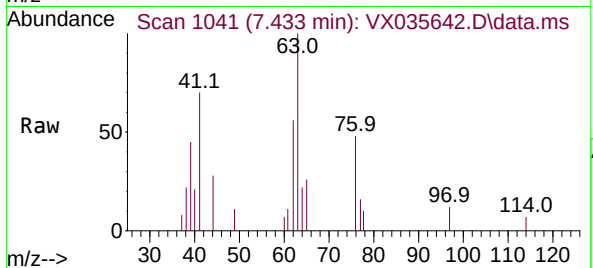
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 1743

Ion Ratio Lower Upper

63 100

65 25.8 24.6 37.0



#46

Dibromomethane

Concen: 0.826 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

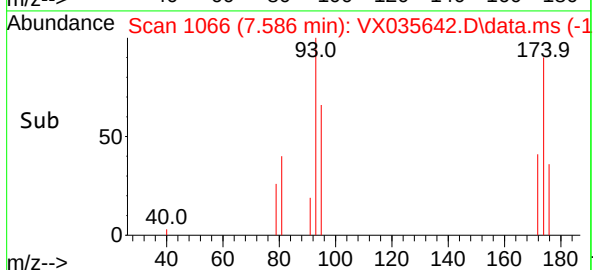
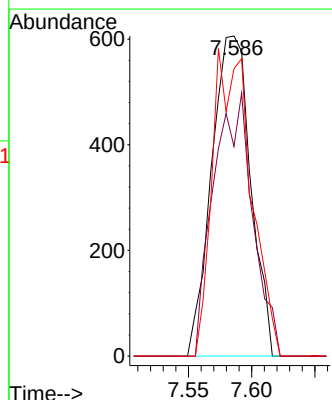
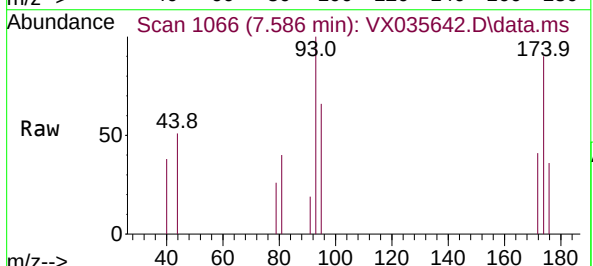
Tgt Ion: 93 Resp: 1302

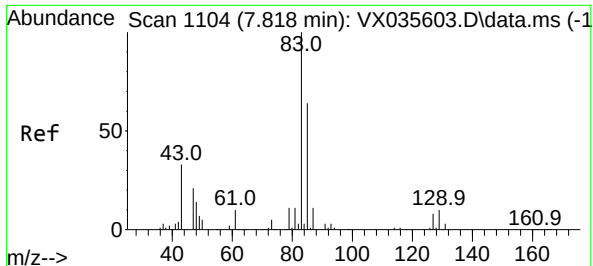
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

174 93.8 75.4 113.0

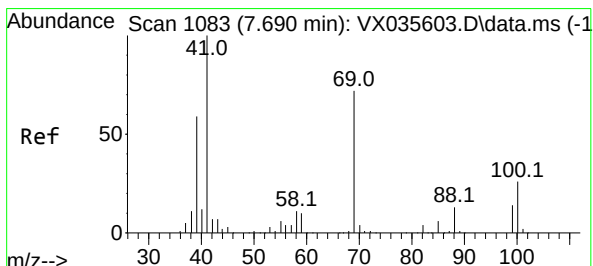
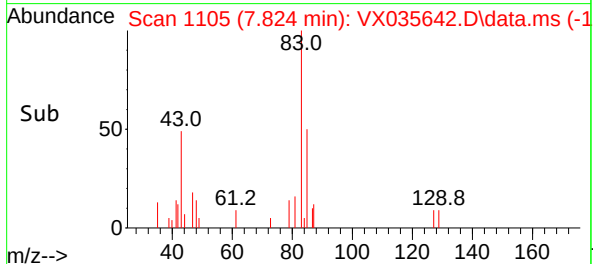
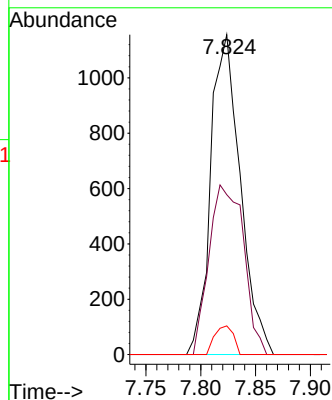
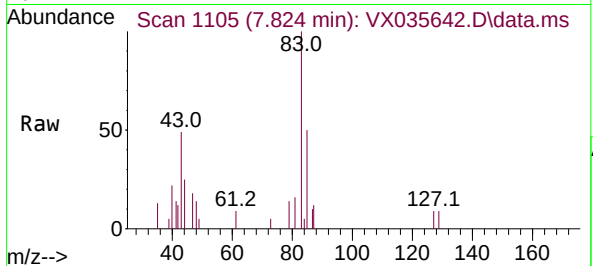




#47
Bromodichloromethane
Concen: 0.713 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

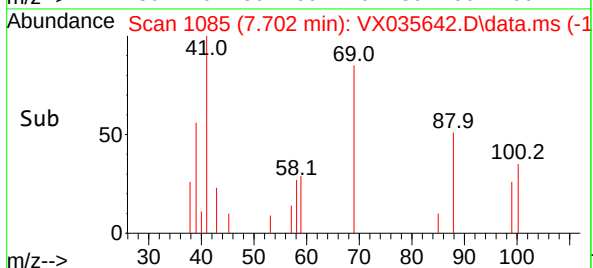
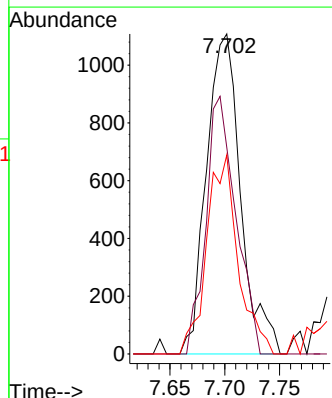
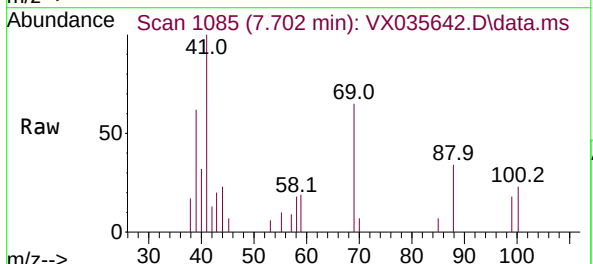
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

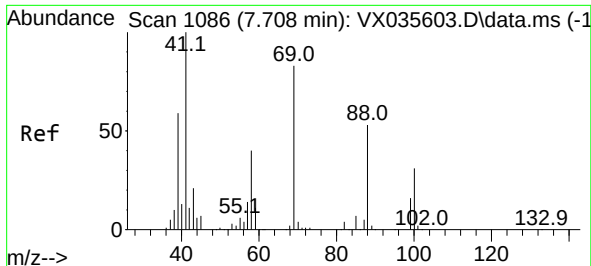
Tgt Ion: 83 Resp: 2172
Ion Ratio Lower Upper
83 100
85 50.0 52.2 78.4#
127 9.0 6.6 9.8



#48
Methyl methacrylate
Concen: 0.866 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 41 Resp: 2416
Ion Ratio Lower Upper
41 100
69 70.3 62.2 93.4
39 56.7 47.7 71.5





#49

1,4-Dioxane

Concen: 24.550 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.018 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

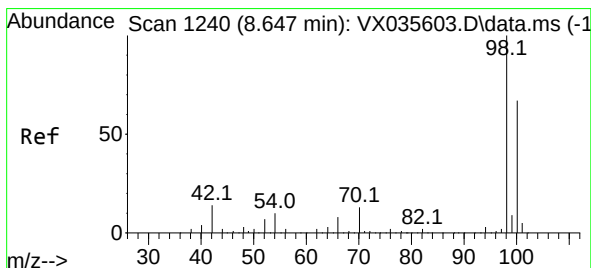
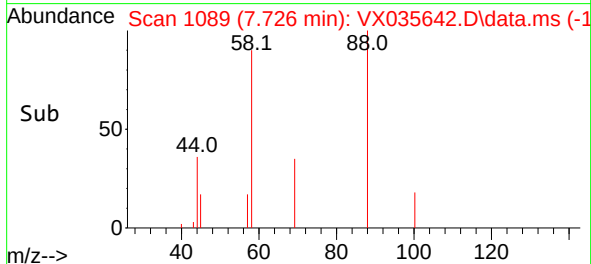
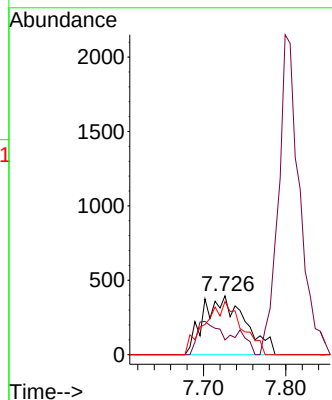
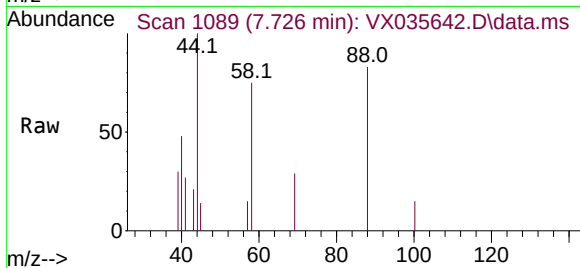
Tgt Ion: 88 Resp: 1394

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 80.1 56.8 85.2



#50

Toluene-d8

Concen: 49.494 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035642.D

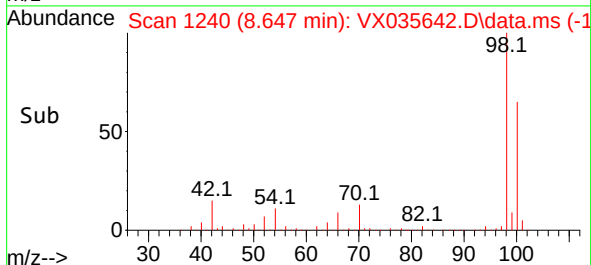
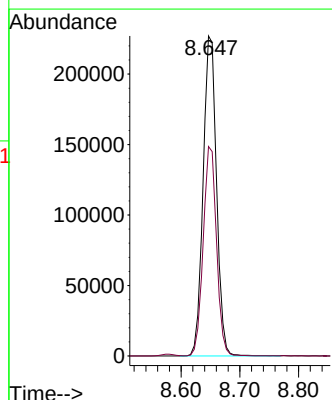
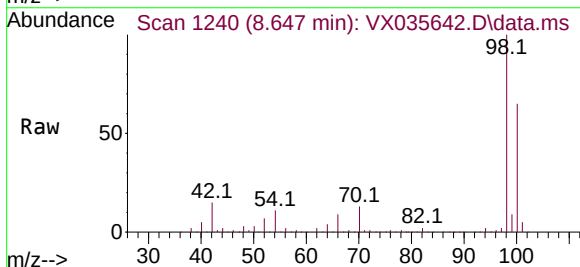
Acq: 12 May 2023 16:51

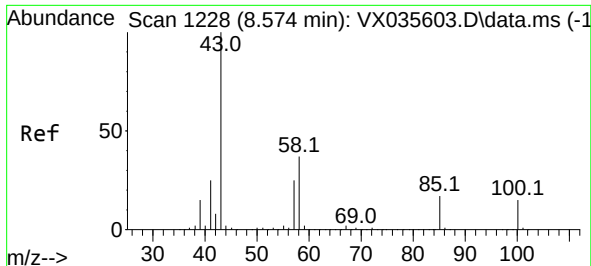
Tgt Ion: 98 Resp: 360068

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7

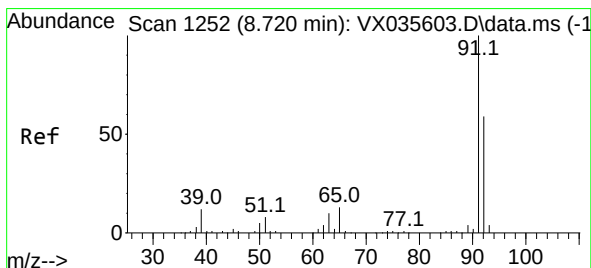
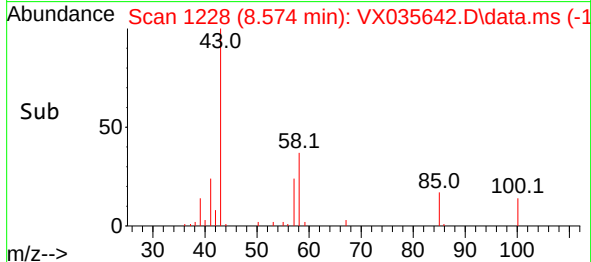
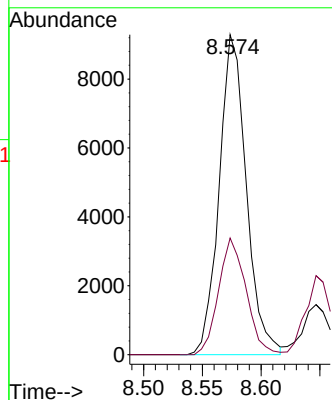
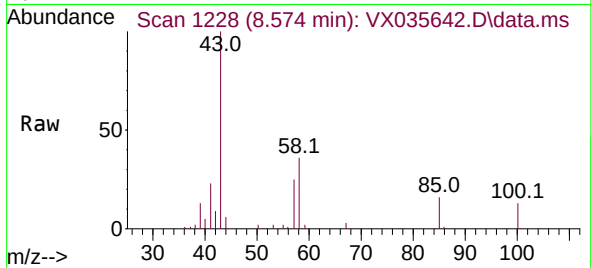




#51
4-Methyl-2-Pentanone
Concen: 4.590 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

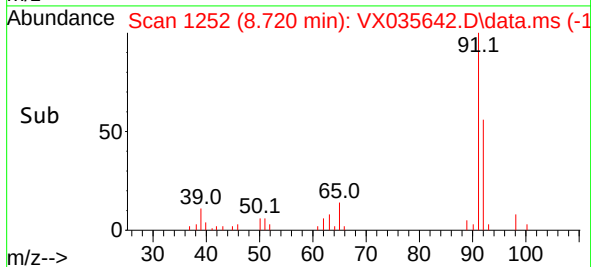
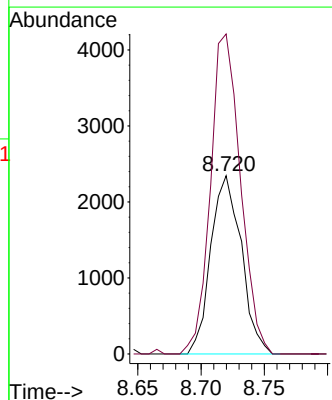
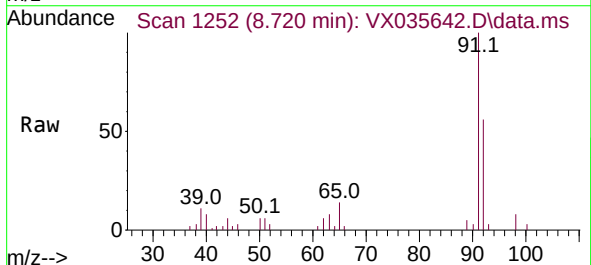
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

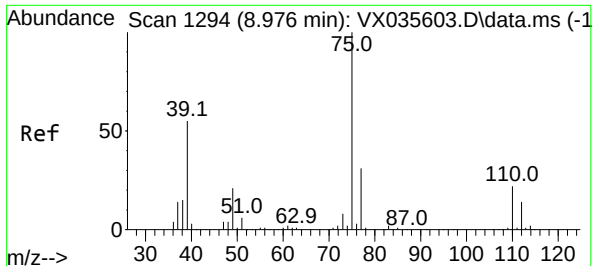
Tgt Ion: 43 Resp: 14950
Ion Ratio Lower Upper
43 100
58 36.9 30.6 46.0



#52
Toluene
Concen: 0.717 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 92 Resp: 3937
Ion Ratio Lower Upper
92 100
91 176.6 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 0.582 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

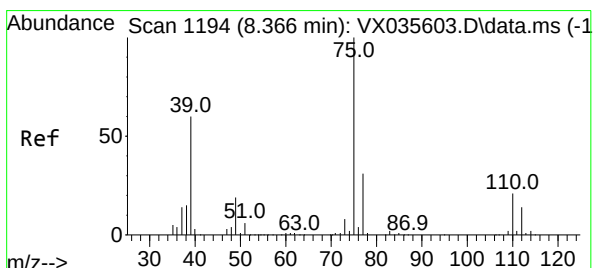
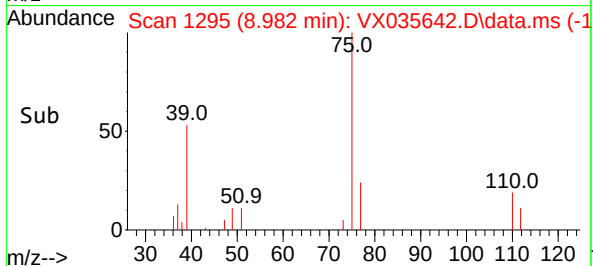
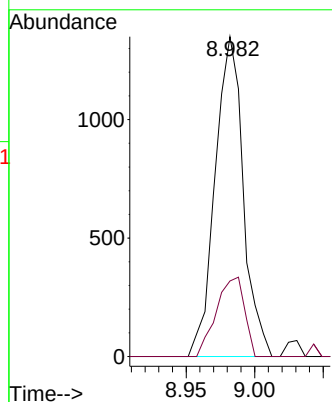
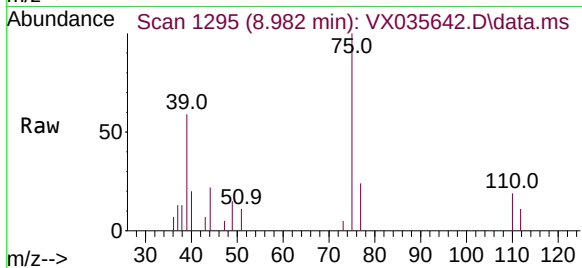
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 75 Resp: 1926

Ion Ratio Lower Upper

75 100

77 23.6 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 0.631 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

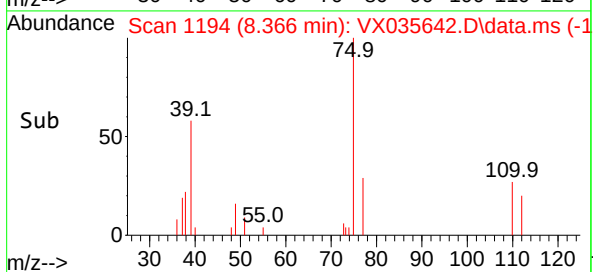
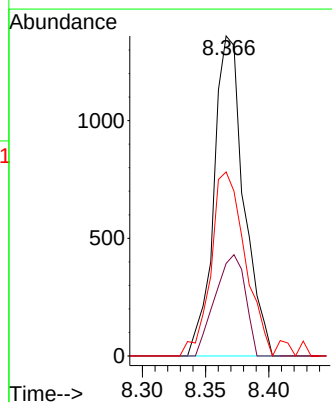
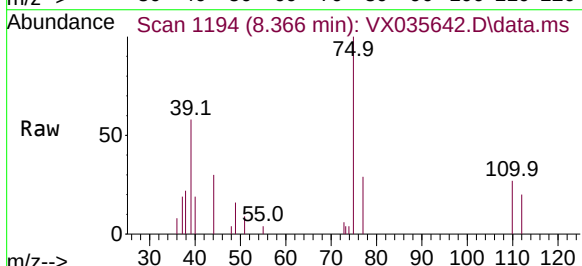
Tgt Ion: 75 Resp: 2239

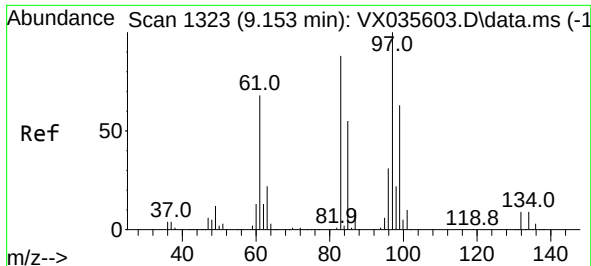
Ion Ratio Lower Upper

75 100

77 28.9 25.0 37.4

39 57.5 44.6 66.8

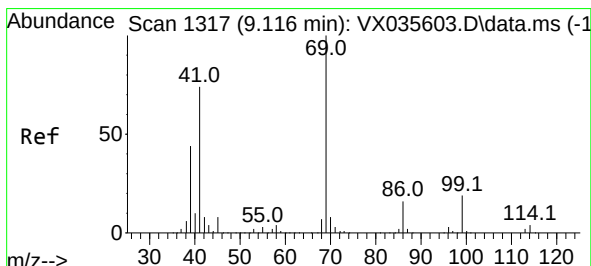
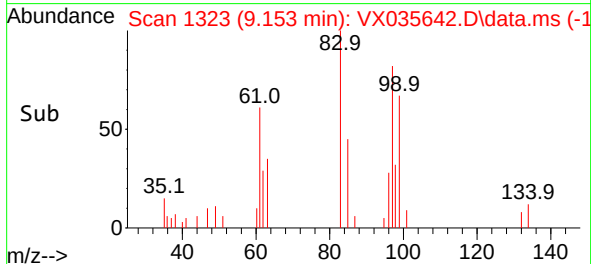
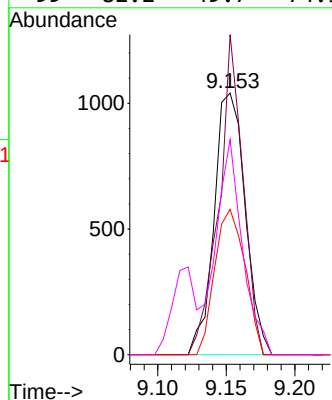
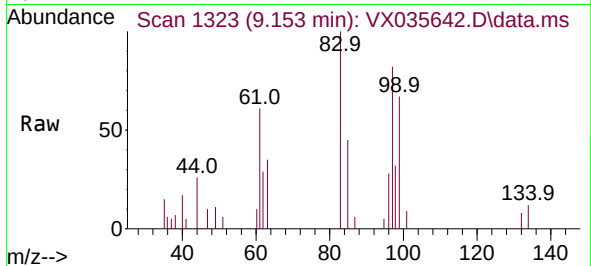




#55
1,1,2-Trichloroethane
Concen: 0.763 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

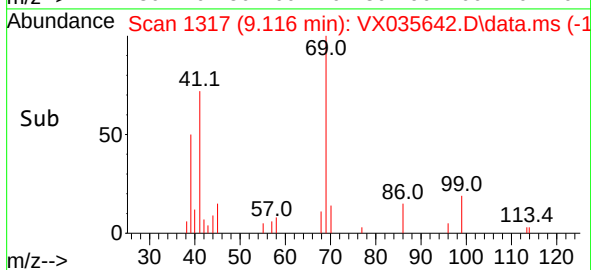
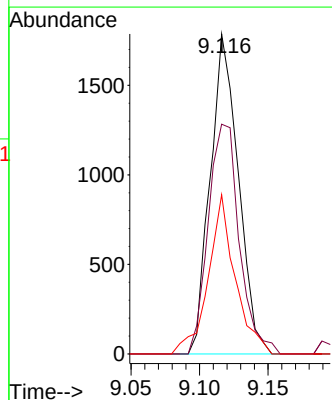
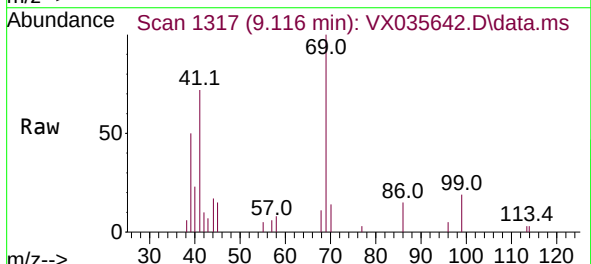
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

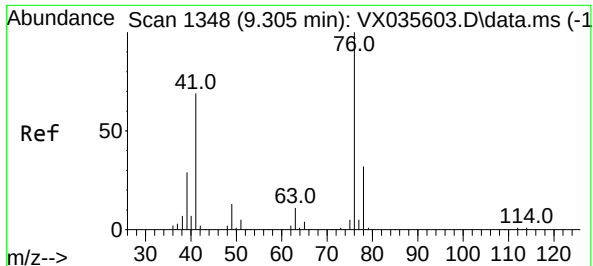
Tgt Ion:	97	Resp:	1644
Ion	Ratio	Lower	Upper
97	100		
83	122.3	69.7	104.5#
85	55.5	43.7	65.5
99	82.2	49.7	74.5#



#56
Ethyl methacrylate
Concen: 0.729 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion:	69	Resp:	2545
Ion	Ratio	Lower	Upper
69	100		
41	79.4	57.4	86.0
39	47.6	33.7	50.5





#57

1,3-Dichloropropane

Concen: 0.801 ug/l

RT: 9.311 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

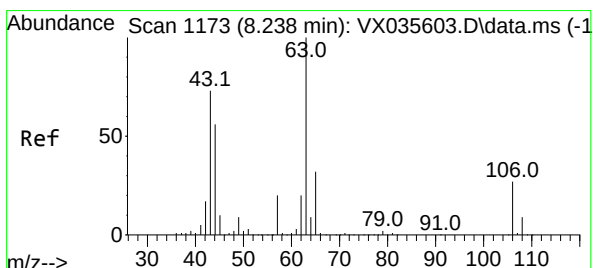
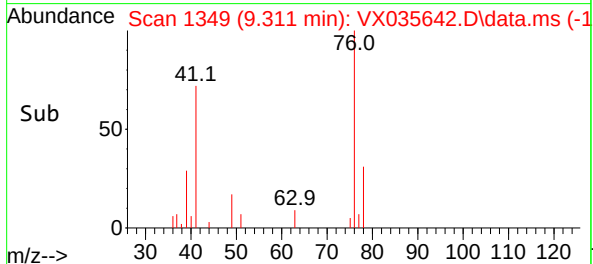
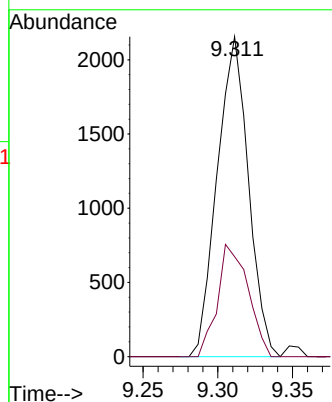
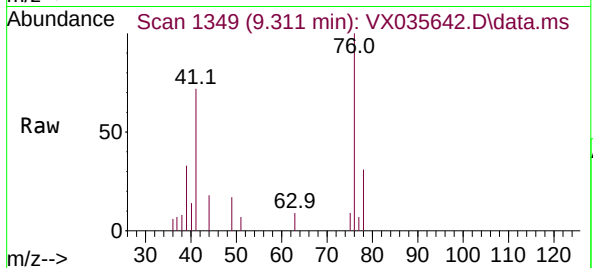
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 3130

Ion Ratio Lower Upper

76 100

78 34.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 4.241 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035642.D

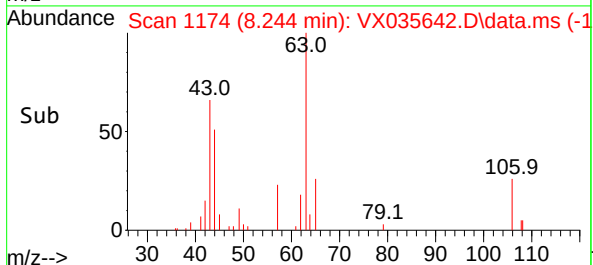
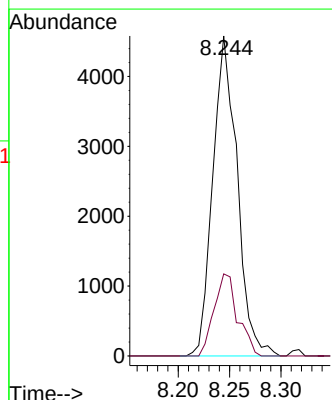
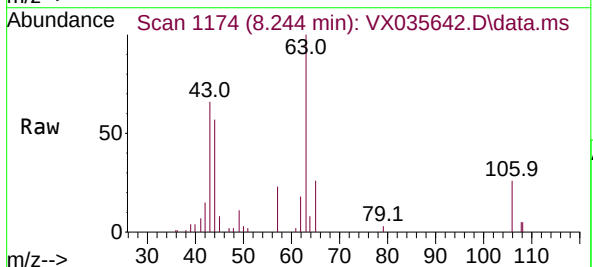
Acq: 12 May 2023 16:51

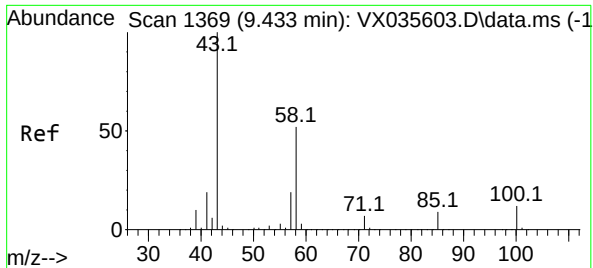
Tgt Ion: 63 Resp: 7533

Ion Ratio Lower Upper

63 100

106 24.9 22.2 33.2

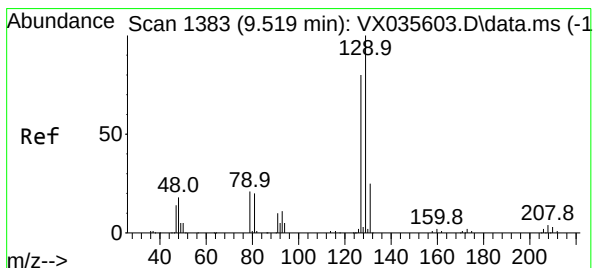
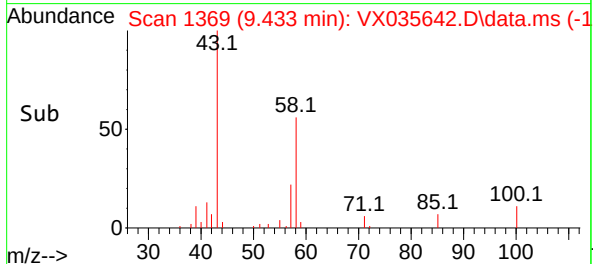
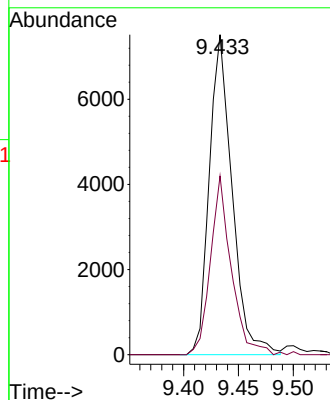
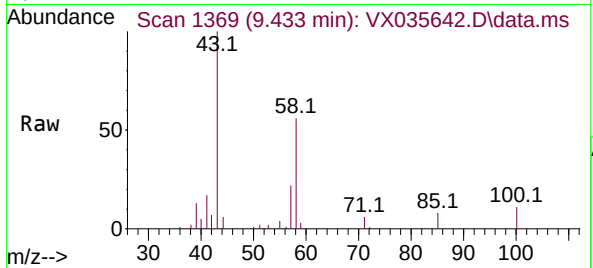




#59
2-Hexanone
Concen: 4.439 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

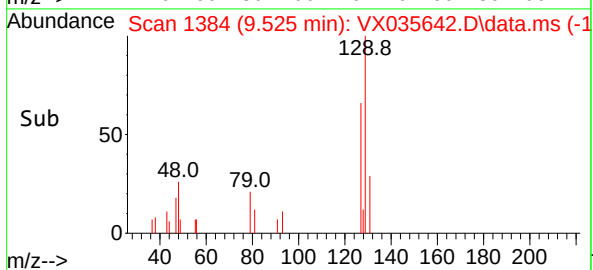
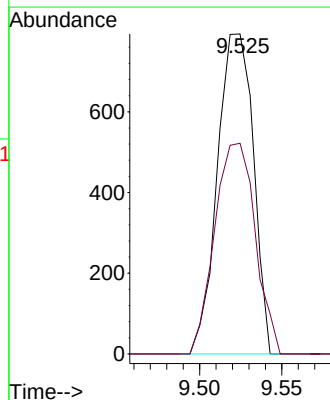
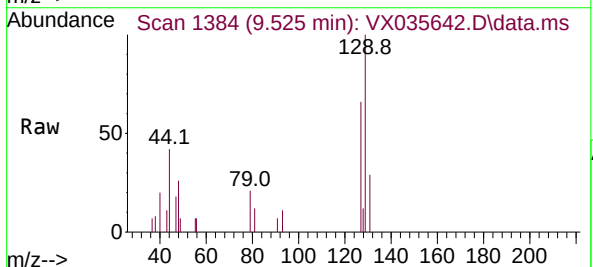
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

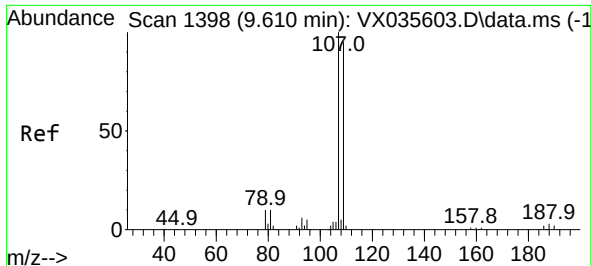
Tgt Ion: 43 Resp: 10889
Ion Ratio Lower Upper
43 100
58 51.1 26.3 78.9



#60
Dibromochloromethane
Concen: 0.587 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 129 Resp: 1206
Ion Ratio Lower Upper
129 100
127 74.5 39.0 117.0

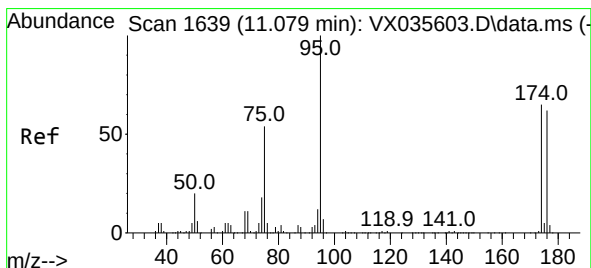
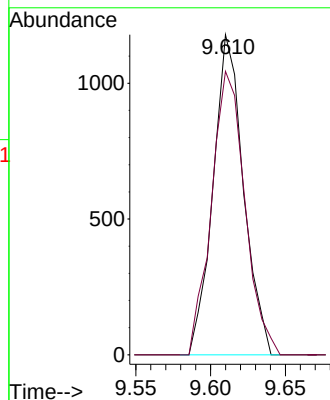
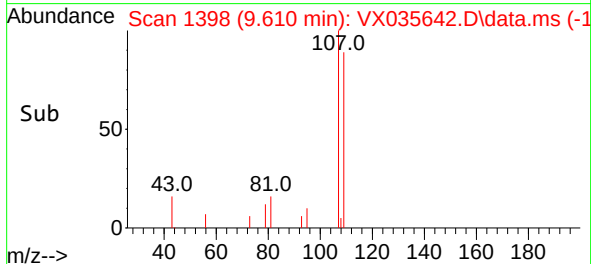
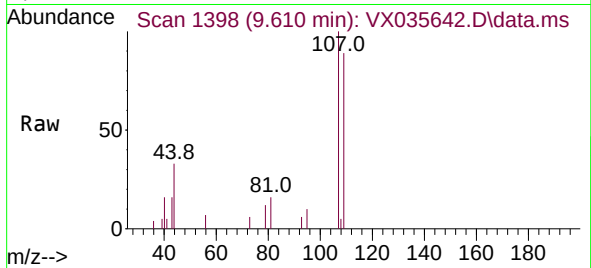




#61
1,2-Dibromoethane
Concen: 0.731 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

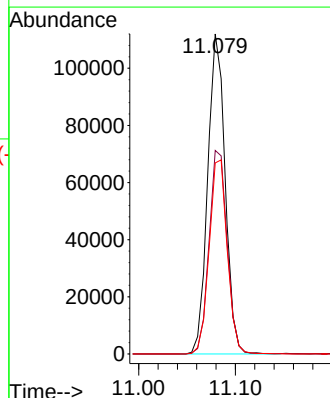
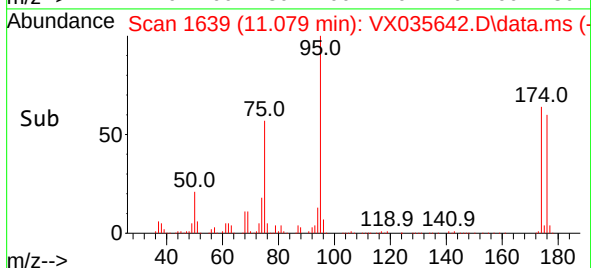
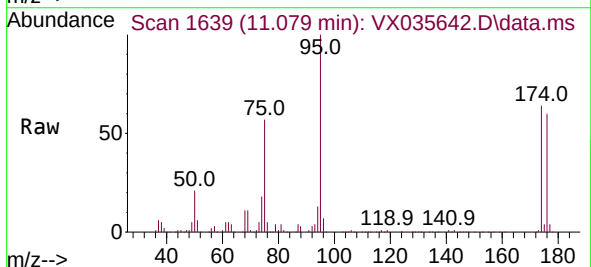
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

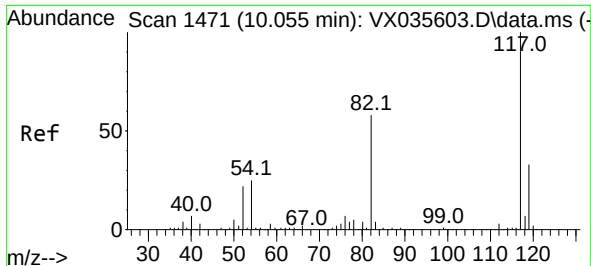
Tgt Ion:107 Resp: 1661
Ion Ratio Lower Upper
107 100
109 97.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 47.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 95 Resp: 140461
Ion Ratio Lower Upper
95 100
174 65.9 0.0 147.4
176 63.1 0.0 140.6

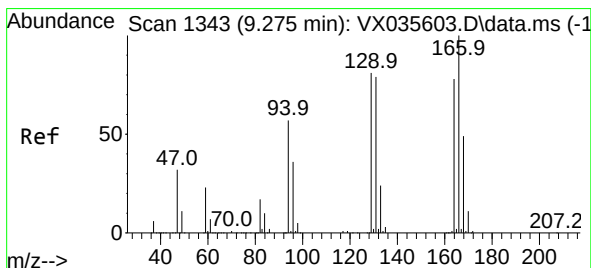
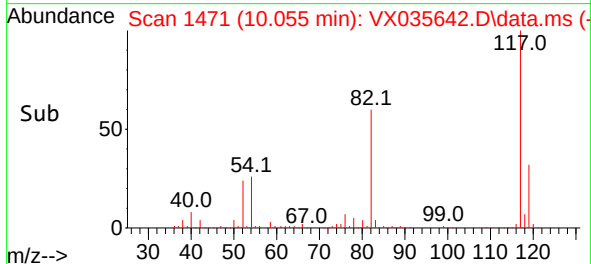
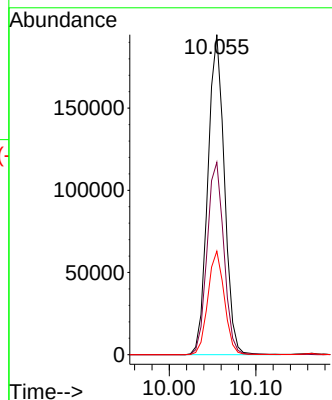
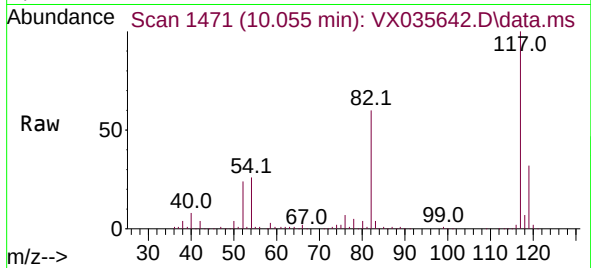




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

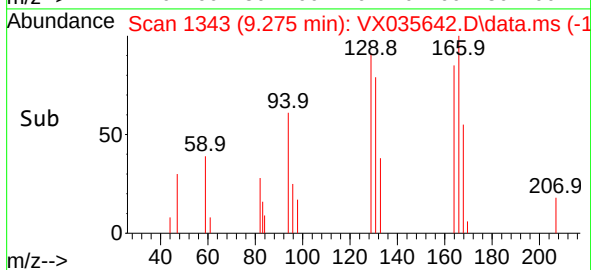
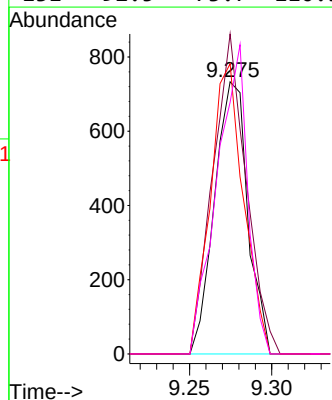
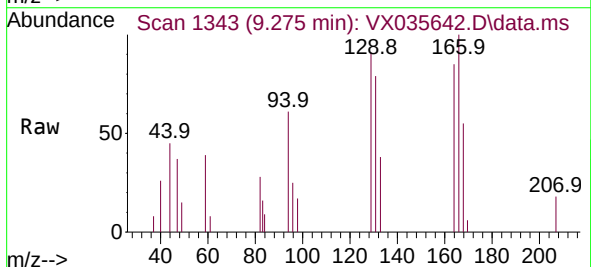
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

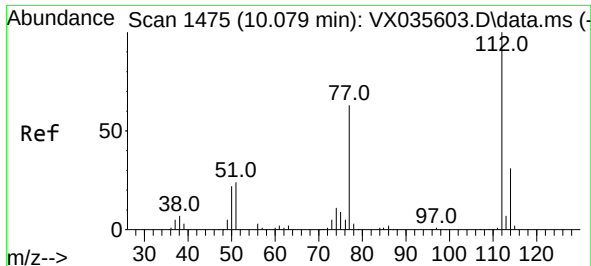
Tgt Ion:117 Resp: 258845
Ion Ratio Lower Upper
117 100
82 60.1 45.0 67.4
119 32.3 26.0 39.0



#64
Tetrachloroethene
Concen: 0.592 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion:164 Resp: 1031
Ion Ratio Lower Upper
164 100
166 117.6 102.7 154.1
129 106.7 75.6 113.4
131 92.5 73.7 110.5

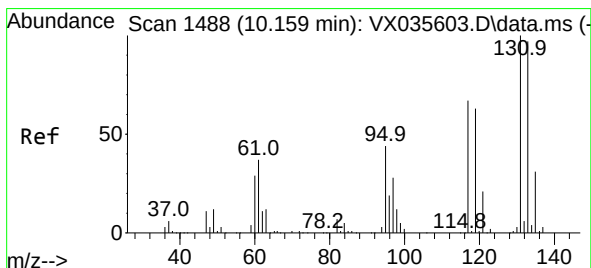
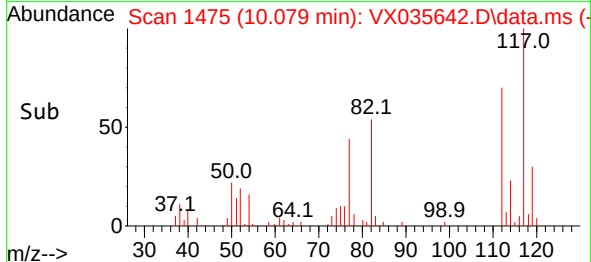
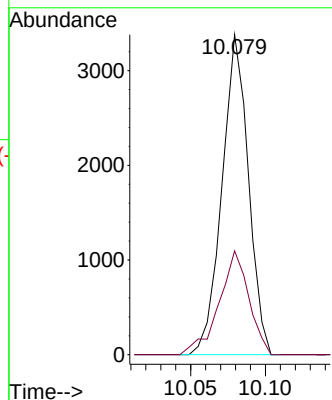
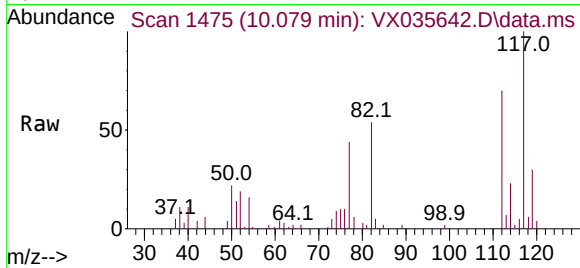




#65
Chlorobenzene
Concen: 0.733 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

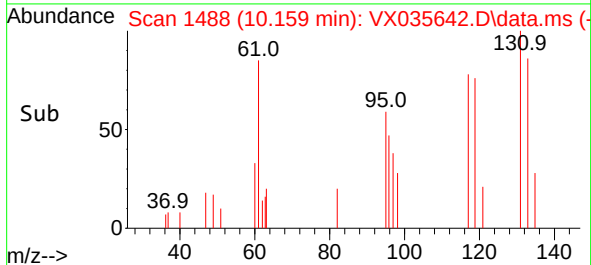
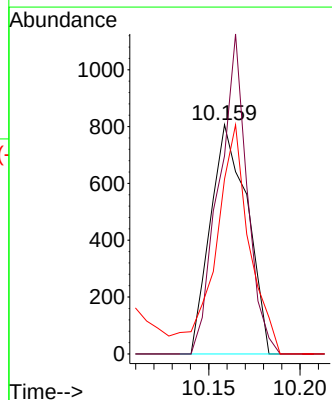
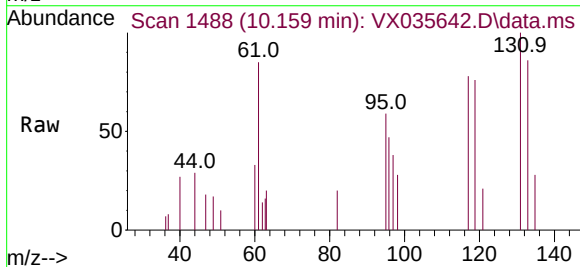
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

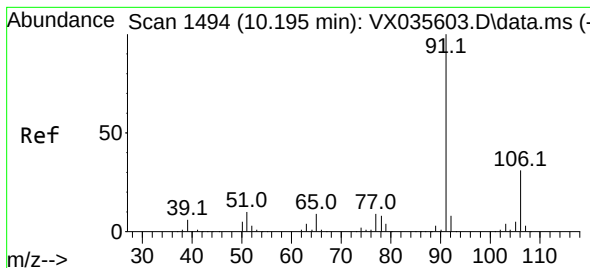
Tgt Ion:112 Resp: 4143
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.564 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion:131 Resp: 1127
Ion Ratio Lower Upper
131 100
133 106.7 47.1 141.4
119 0.0 32.6 98.0#





#67

Ethyl Benzene

Concen: 0.628 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

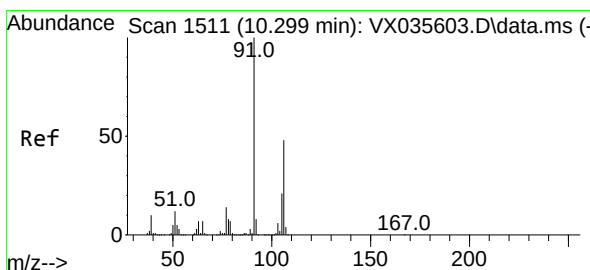
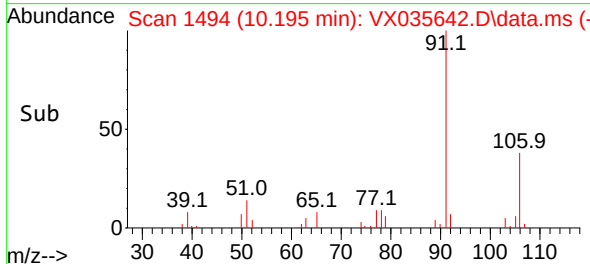
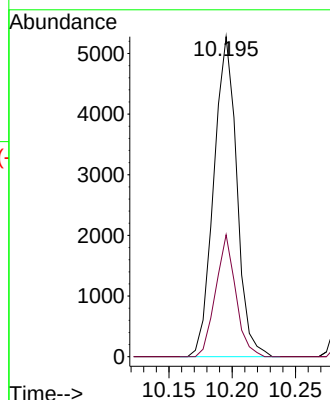
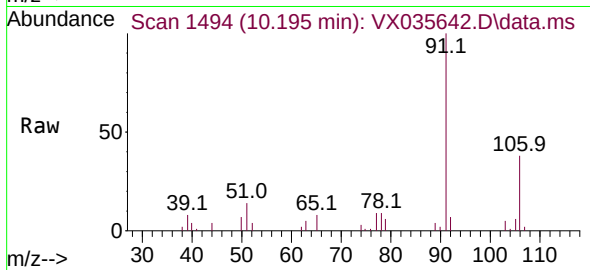
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 6669

Ion Ratio Lower Upper

91 100

106 38.1 25.6 38.4



#68

m/p-Xylenes

Concen: 1.322 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035642.D

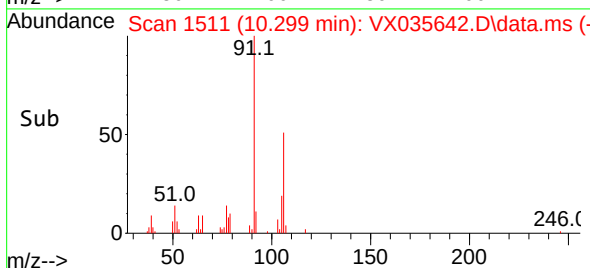
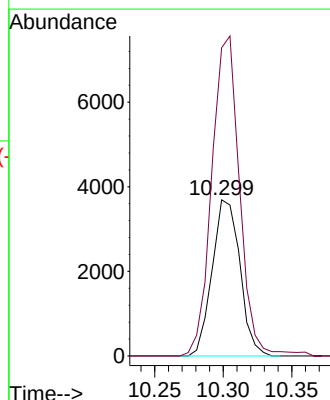
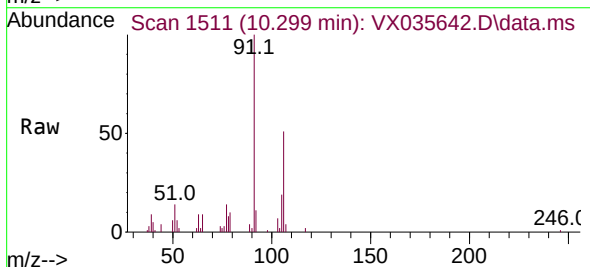
Acq: 12 May 2023 16:51

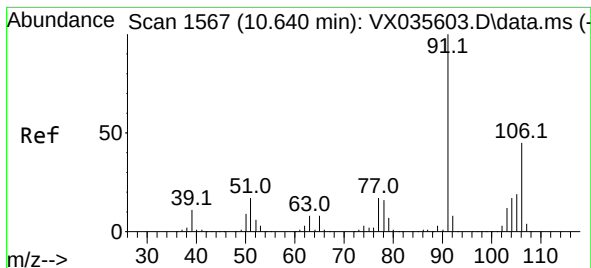
Tgt Ion: 106 Resp: 5191

Ion Ratio Lower Upper

106 100

91 206.1 164.0 246.0





#69

o-Xylene

Concen: 0.726 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

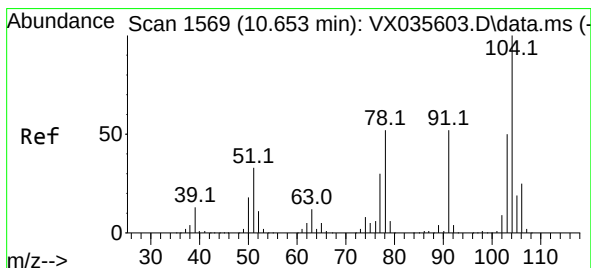
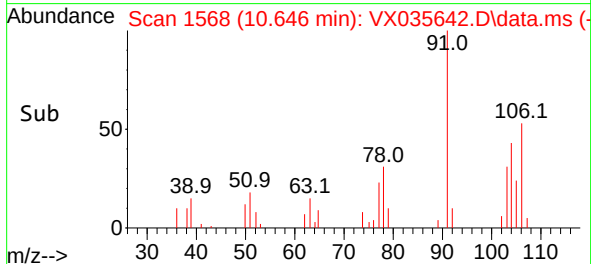
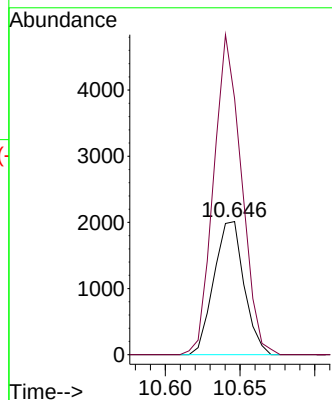
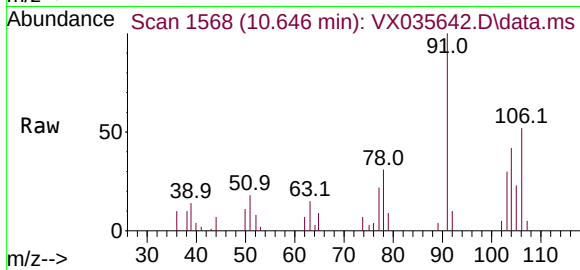
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:106 Resp: 2829

Ion Ratio Lower Upper

106 100

91 221.0 108.5 325.3



#70

Styrene

Concen: 0.652 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

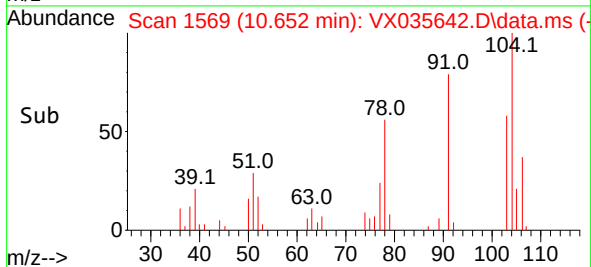
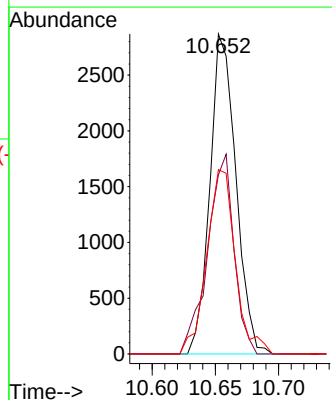
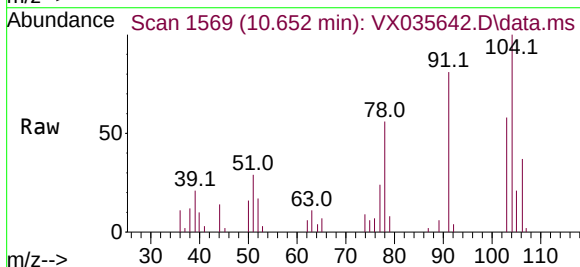
Tgt Ion:104 Resp: 4098

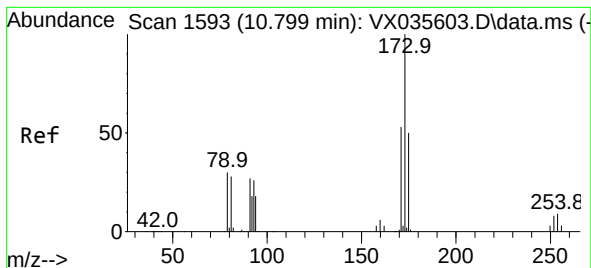
Ion Ratio Lower Upper

104 100

78 63.1 43.4 65.2

103 63.4 44.2 66.2





#71

Bromoform

Concen: 0.617 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

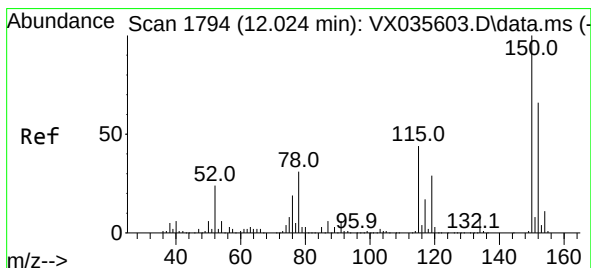
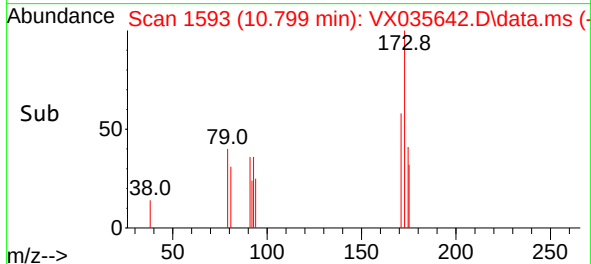
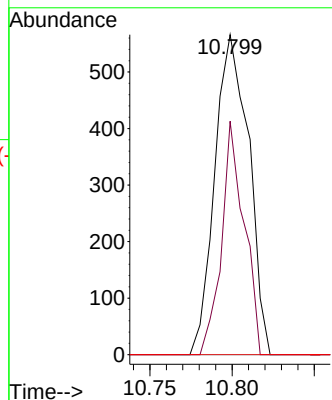
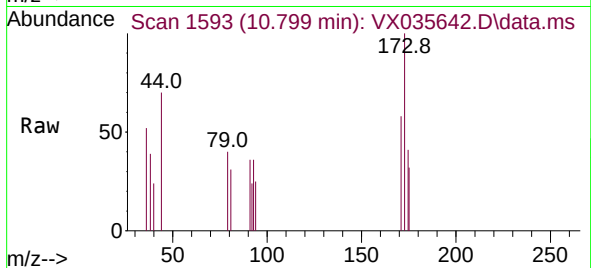
Tgt Ion:173 Resp: 811

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

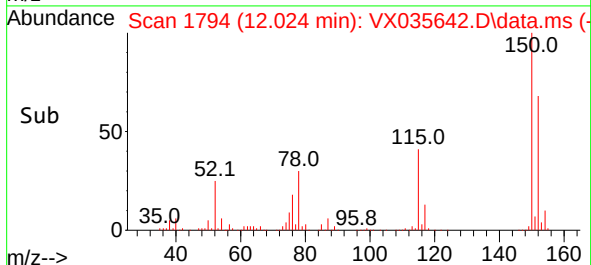
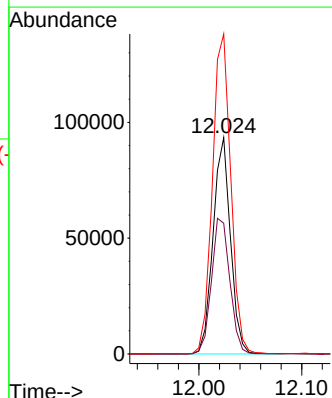
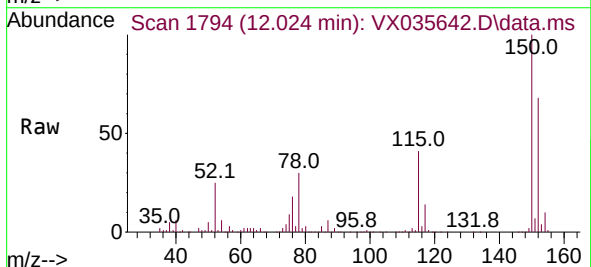
Tgt Ion:152 Resp: 109871

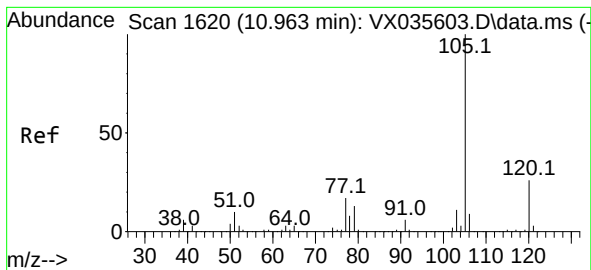
Ion Ratio Lower Upper

152 100

115 66.4 45.0 135.0

150 156.2 0.0 352.4





#73

Isopropylbenzene

Concen: 0.626 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

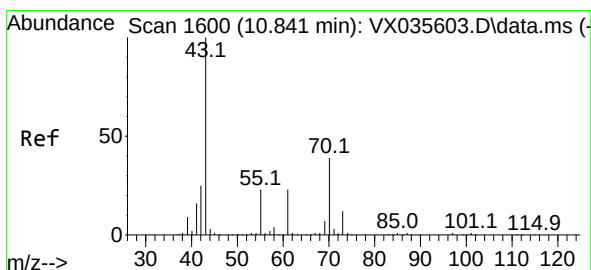
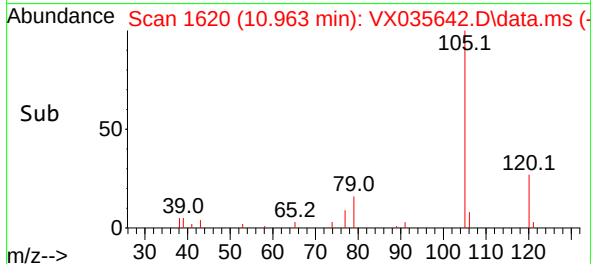
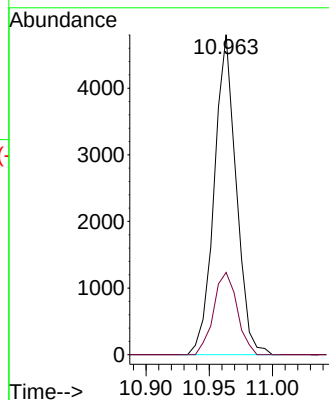
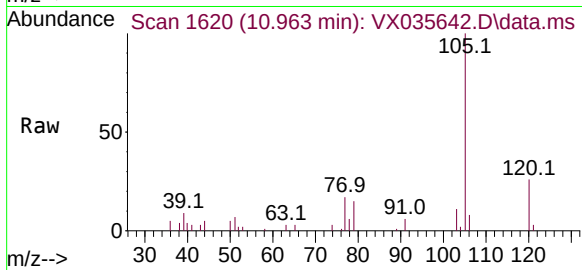
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 5793

Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.9



#74

N-ethyl acetate

Concen: 0.789 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.007 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Tgt Ion: 43 Resp: 3405

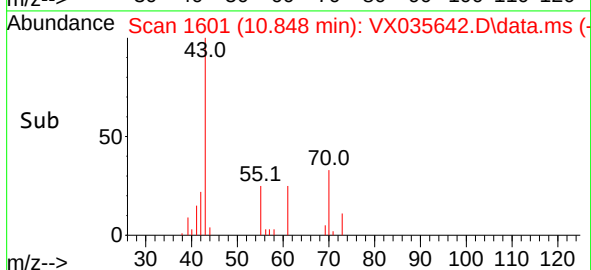
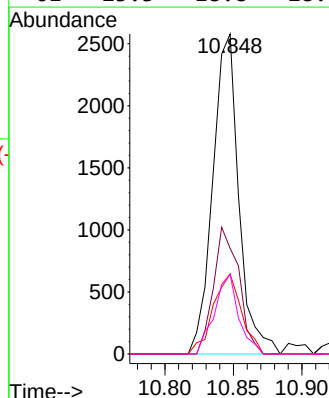
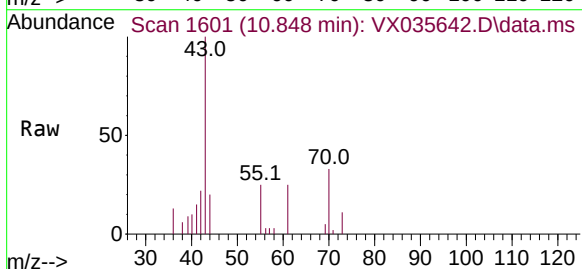
Ion Ratio Lower Upper

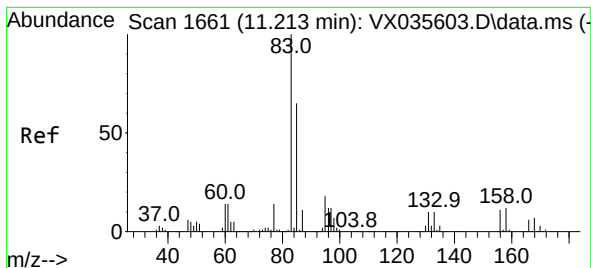
43 100

70 38.5 32.1 48.1

55 27.2 18.3 27.5

61 23.3 18.8 28.2

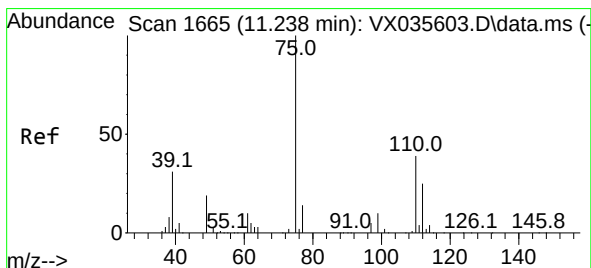
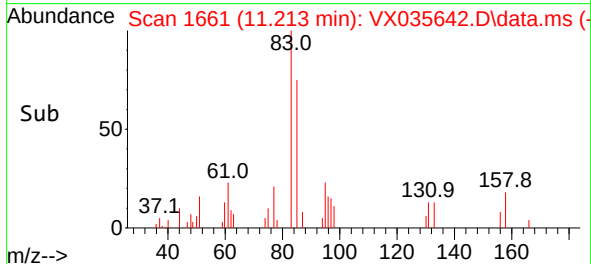
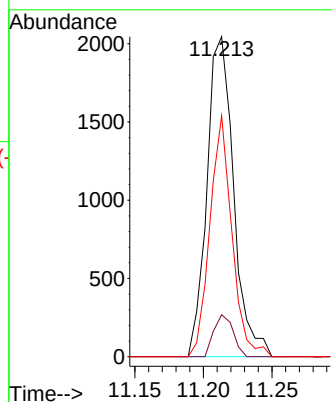
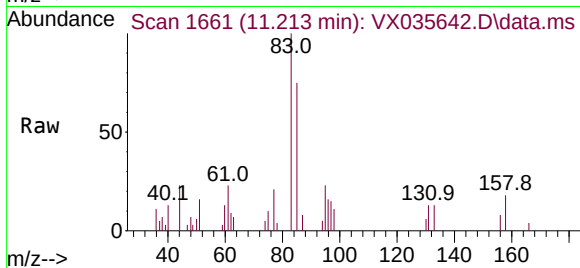




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.922 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX035642.D
 Acq: 12 May 2023 16:51

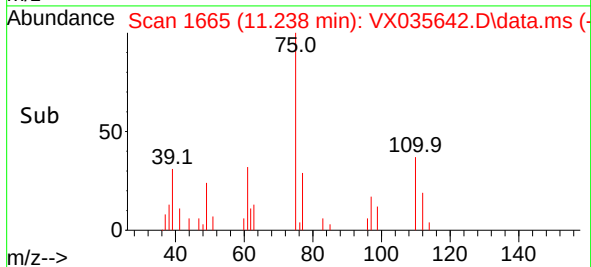
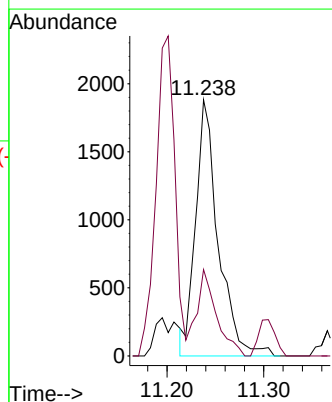
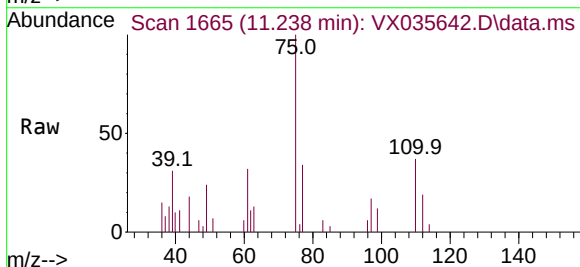
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

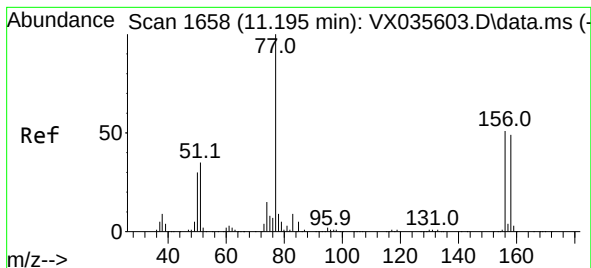
Tgt Ion: 83 Resp: 2768
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.3
 85 62.3 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 1.135 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX035642.D
 Acq: 12 May 2023 16:51

Tgt Ion: 75 Resp: 3049
 Ion Ratio Lower Upper
 75 100
 77 29.7 21.6 64.8





#77

Bromobenzene

Concen: 0.786 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

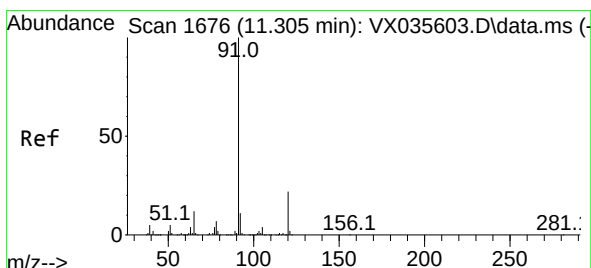
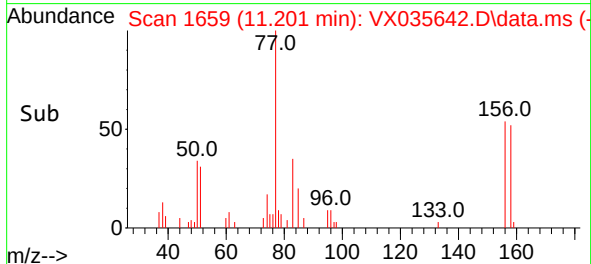
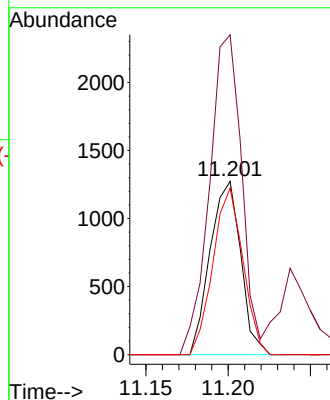
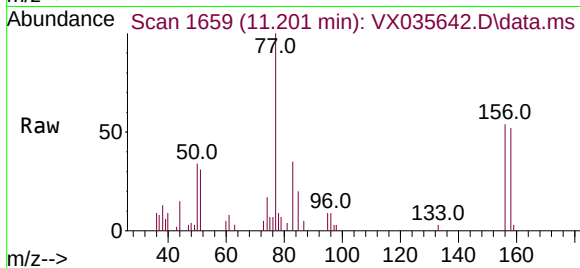
Tgt Ion:156 Resp: 1651

Ion Ratio Lower Upper

156 100

77 193.6 86.7 259.9

158 94.1 48.0 144.0



#78

n-propylbenzene

Concen: 0.630 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX035642.D

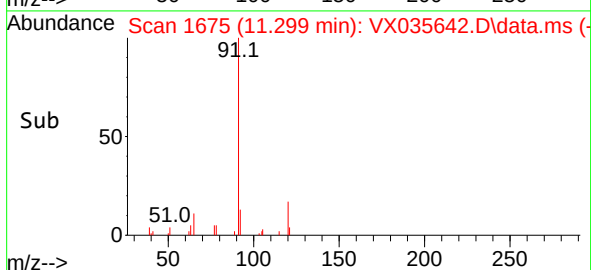
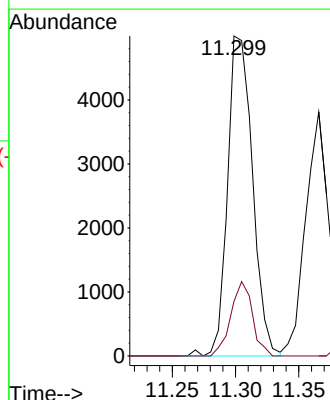
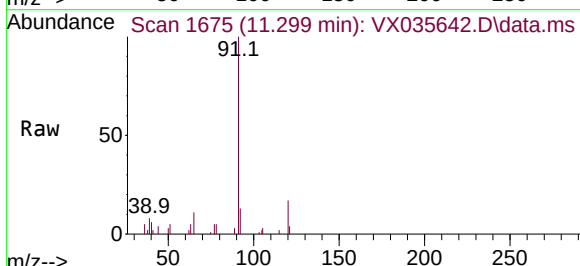
Acq: 12 May 2023 16:51

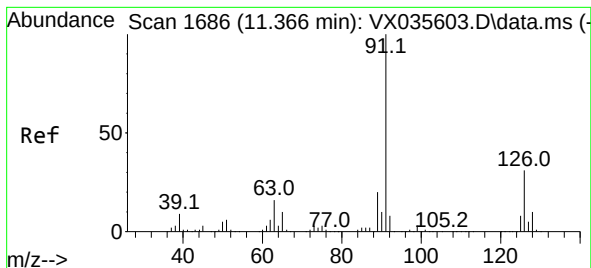
Tgt Ion: 91 Resp: 6859

Ion Ratio Lower Upper

91 100

120 20.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 0.717 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

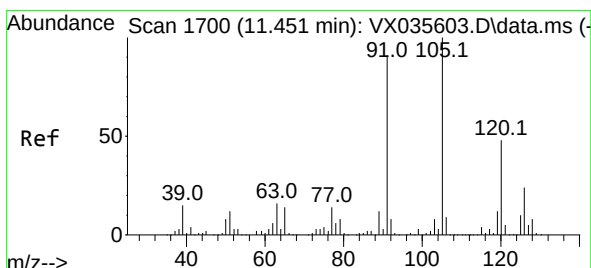
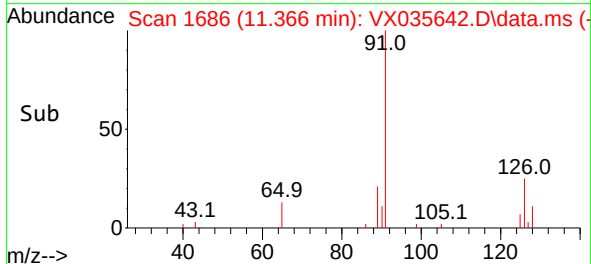
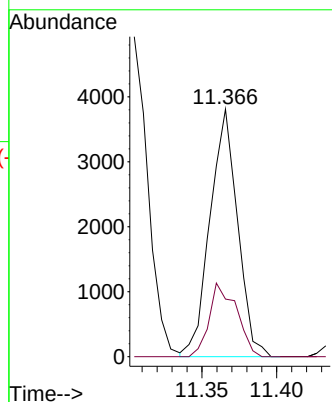
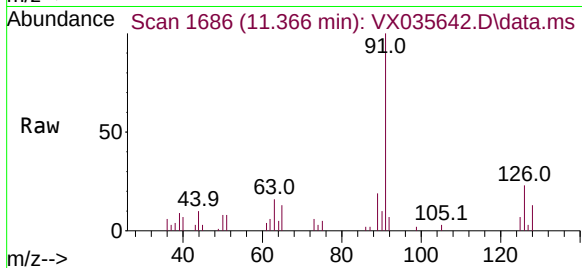
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 4887

Ion Ratio Lower Upper

91 100

126 29.4 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 0.610 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035642.D

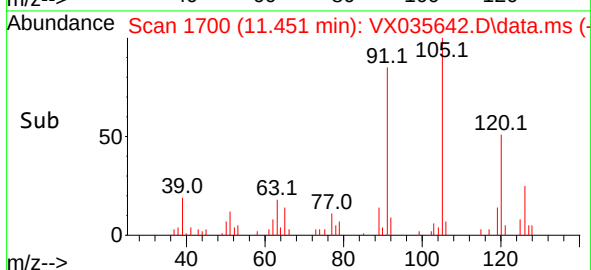
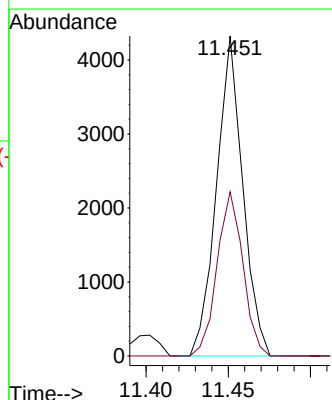
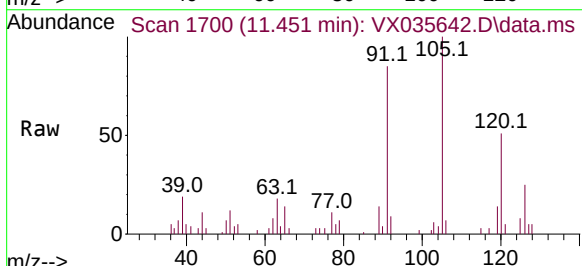
Acq: 12 May 2023 16:51

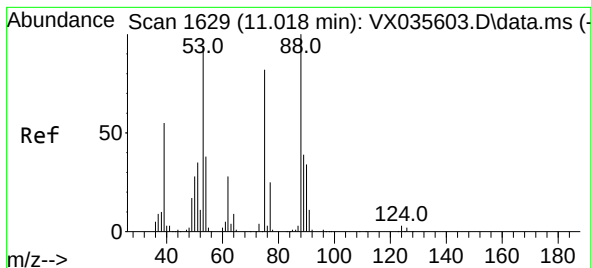
Tgt Ion: 105 Resp: 4801

Ion Ratio Lower Upper

105 100

120 50.4 23.7 71.1

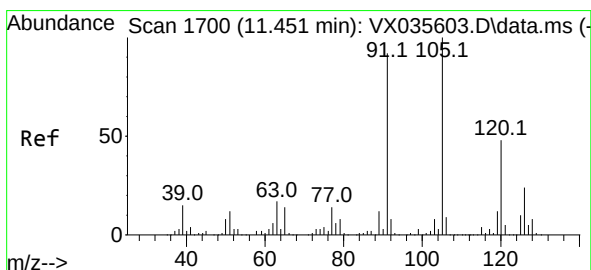
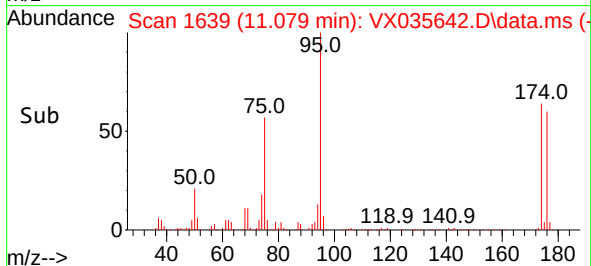
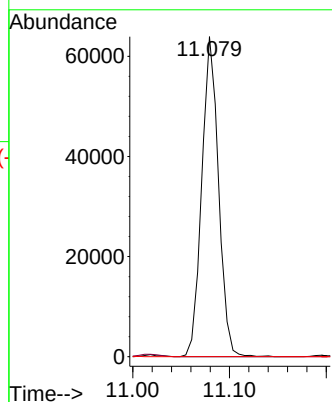
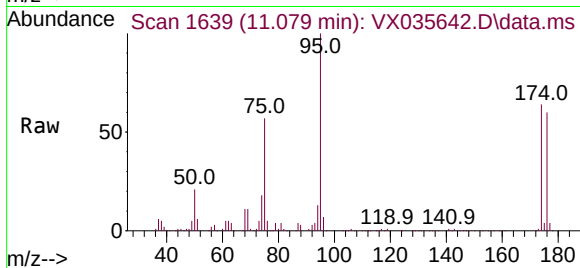




#81
trans-1,4-Dichloro-2-butene
Concen: 92.526 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

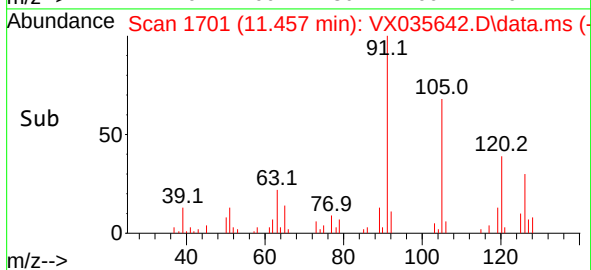
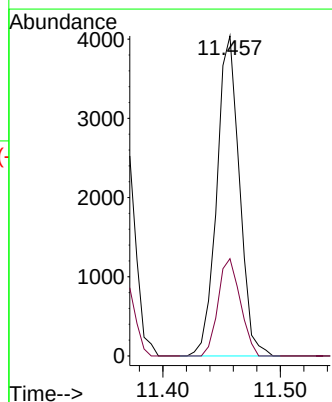
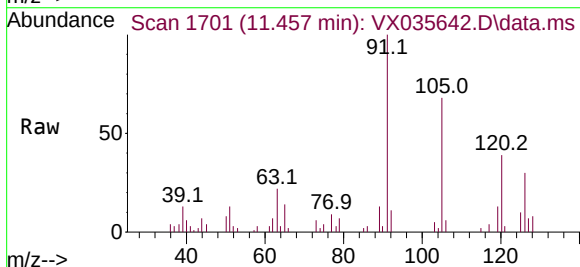
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

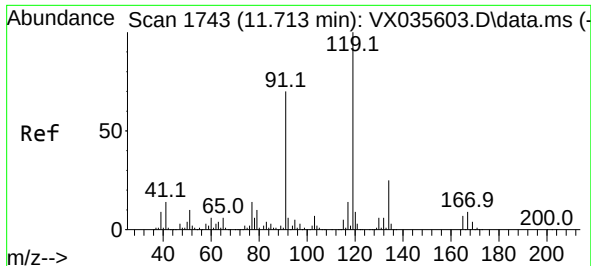
Tgt Ion: 75 Resp: 77156
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.691 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 91 Resp: 5420
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6

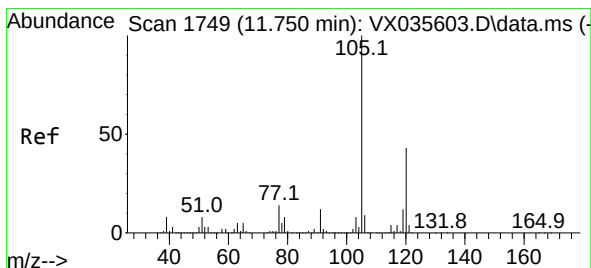
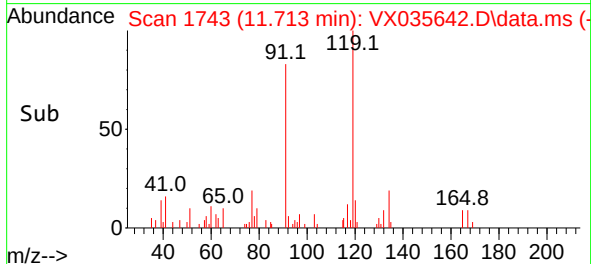
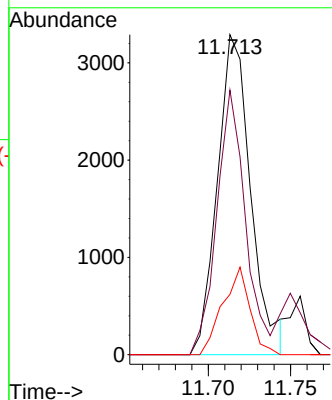
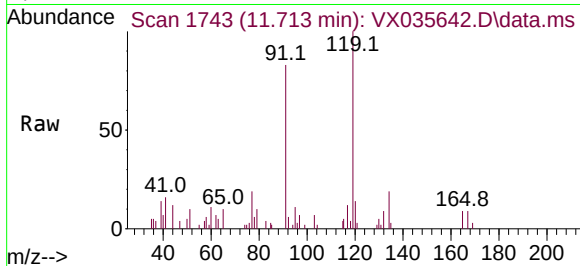




#83
tert-Butylbenzene
Concen: 0.605 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

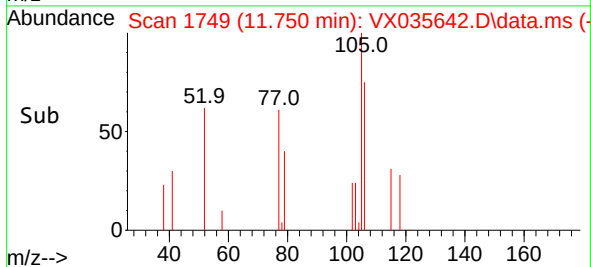
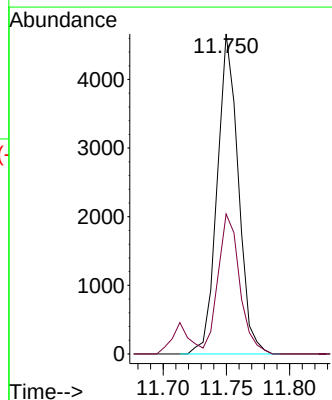
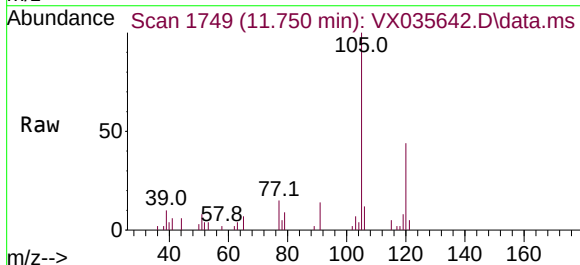
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

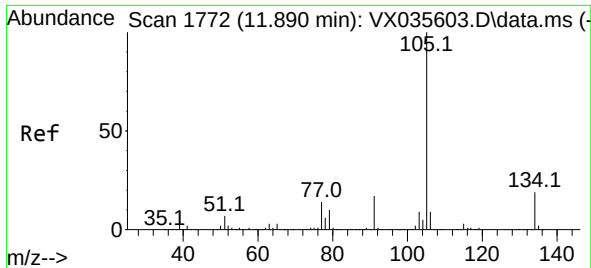
Tgt Ion:	119	Resp:	4627
Ion	Ratio	Lower	Upper
119	100		
91	71.0	30.6	92.0
134	22.3	11.8	35.4



#84
1,2,4-Trimethylbenzene
Concen: 0.683 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion:	105	Resp:	5394
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.0

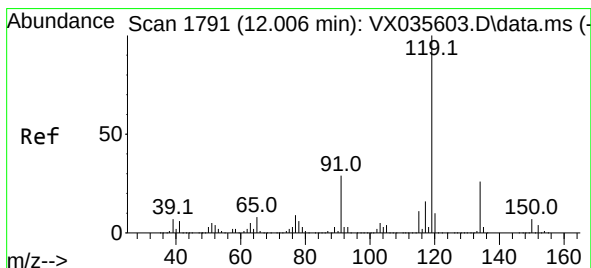
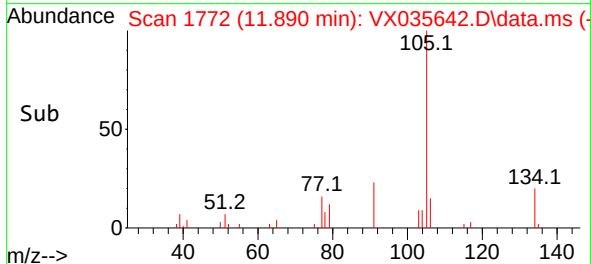
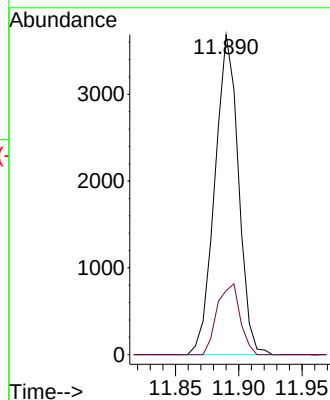
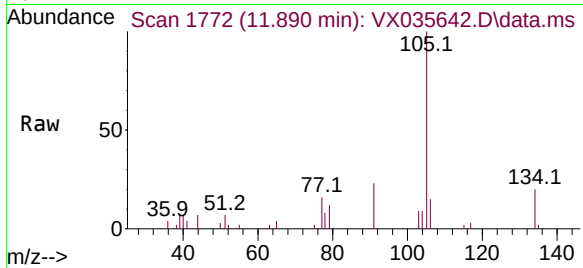




#85
 sec-Butylbenzene
 Concen: 0.497 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035642.D
 Acq: 12 May 2023 16:51

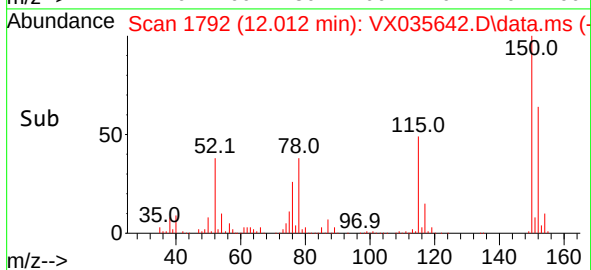
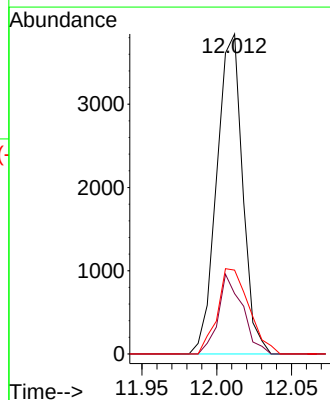
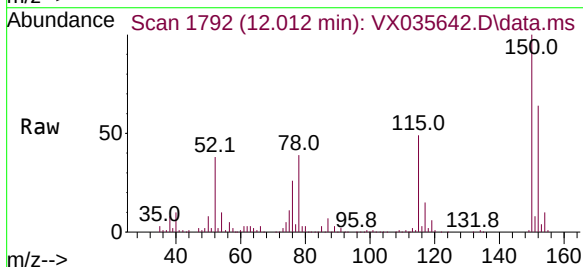
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

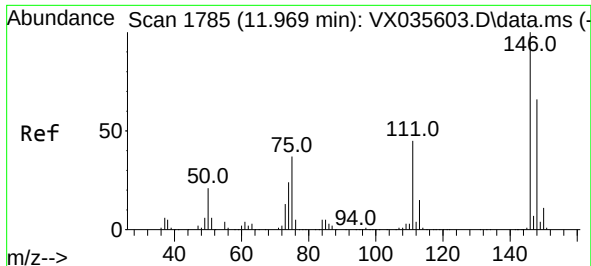
Tgt Ion:105 Resp: 4771
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.585 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035642.D
 Acq: 12 May 2023 16:51

Tgt Ion:119 Resp: 4618
 Ion Ratio Lower Upper
 119 100
 134 23.3 13.2 39.5
 91 32.5 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 0.752 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

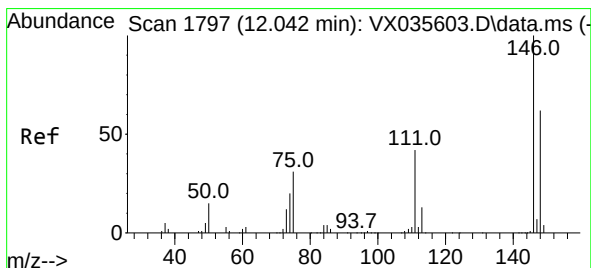
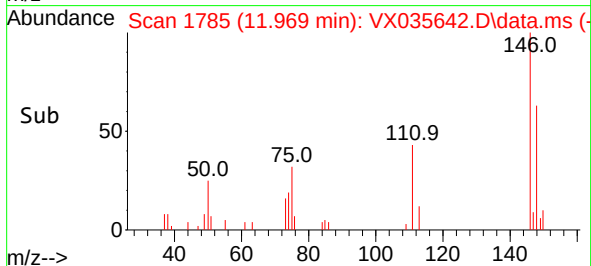
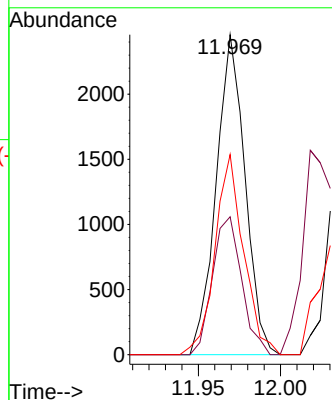
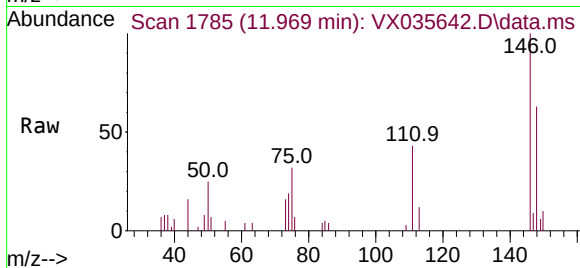
Tgt Ion:146 Resp: 3002

Ion Ratio Lower Upper

146 100

111 43.6 20.9 62.8

148 61.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.745 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

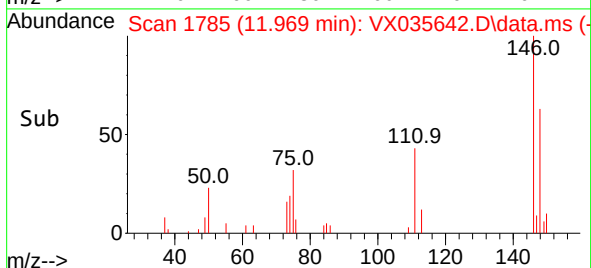
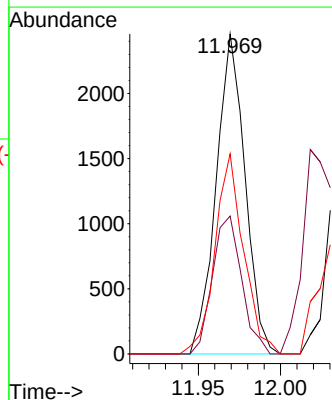
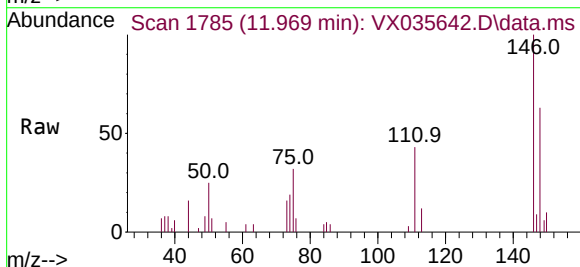
Tgt Ion:146 Resp: 3002

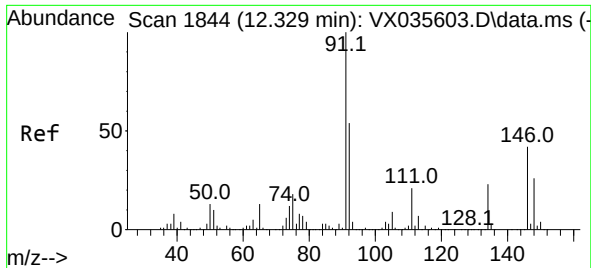
Ion Ratio Lower Upper

146 100

111 43.6 20.6 61.9

148 61.9 31.8 95.4





#89

n-Butylbenzene

Concen: 0.475 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

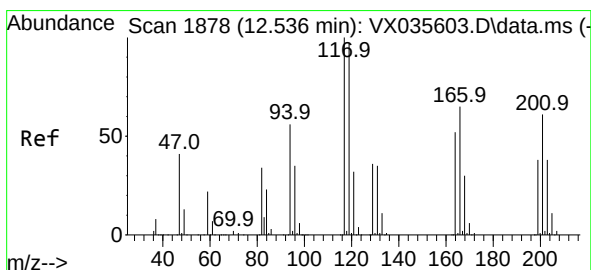
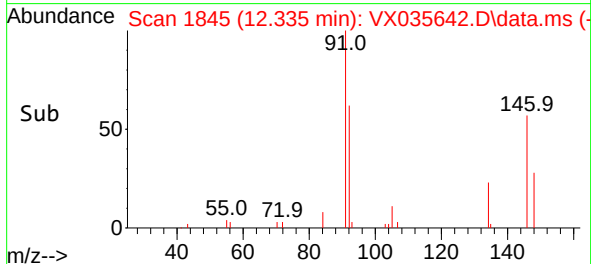
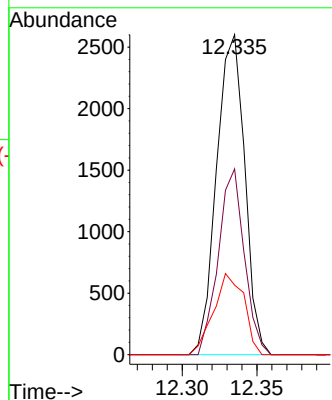
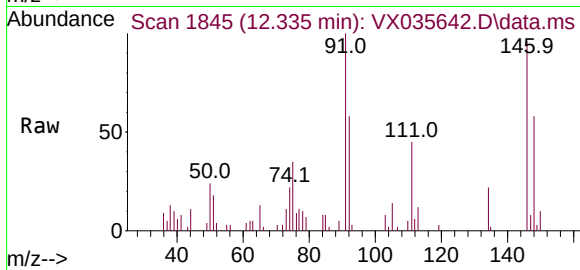
Tgt Ion: 91 Resp: 3413

Ion Ratio Lower Upper

91 100

92 53.6 27.7 83.0

134 27.2 13.0 38.9



#90

Hexachloroethane

Concen: 0.544 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035642.D

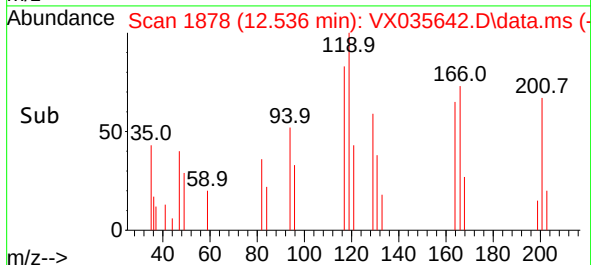
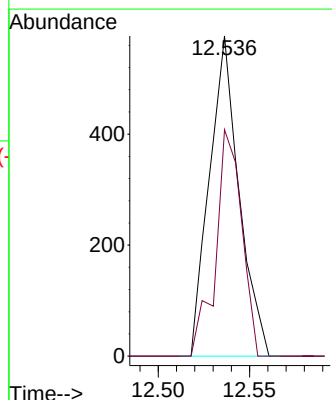
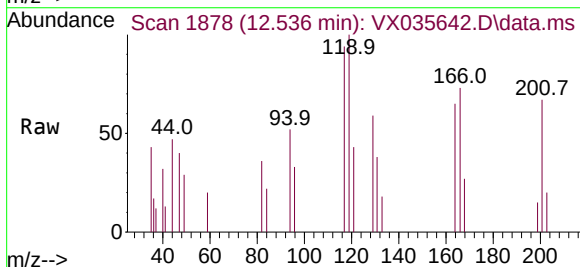
Acq: 12 May 2023 16:51

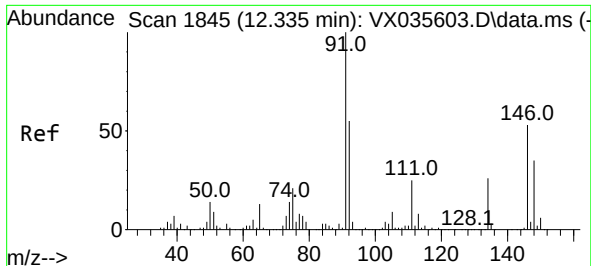
Tgt Ion: 117 Resp: 651

Ion Ratio Lower Upper

117 100

201 61.9 34.4 103.1

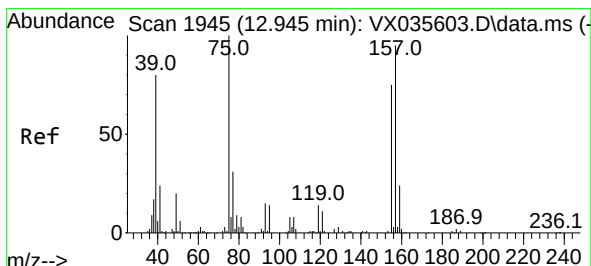
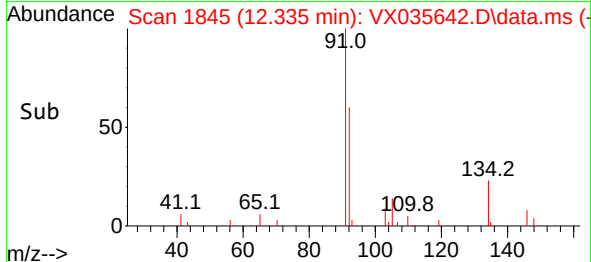
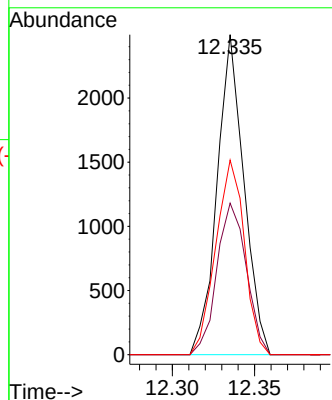
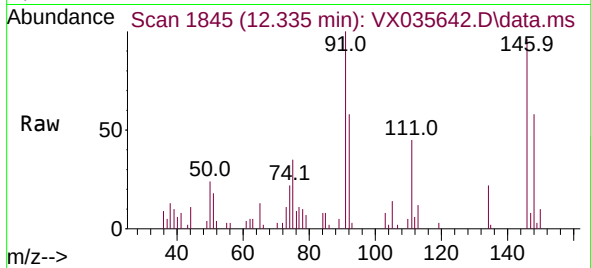




#91
1,2-Dichlorobenzene
Concen: 0.725 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

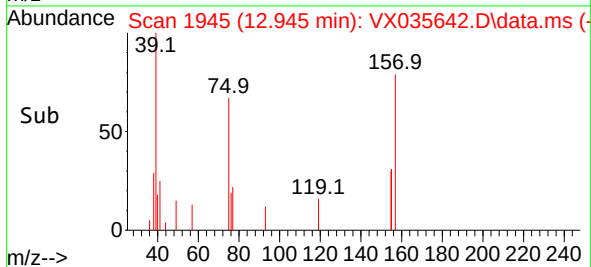
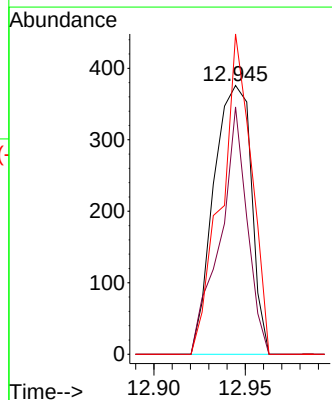
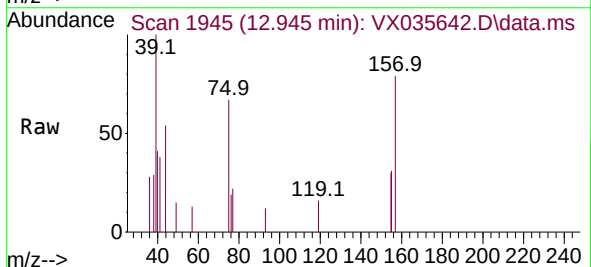
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

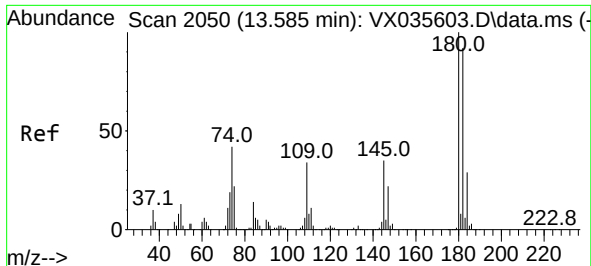
Tgt Ion:146 Resp: 2833
Ion Ratio Lower Upper
146 100
111 51.9 22.0 66.0
148 64.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.806 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion: 75 Resp: 539
Ion Ratio Lower Upper
75 100
155 66.2 38.4 115.1
157 96.1 49.9 149.7

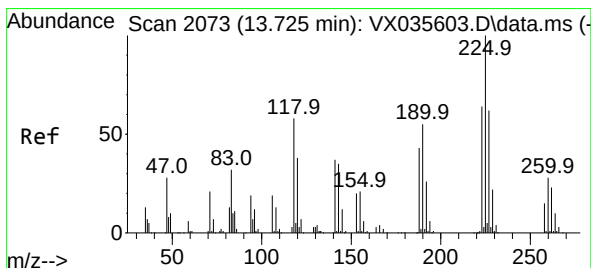
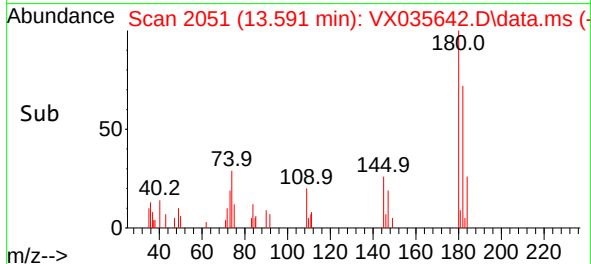
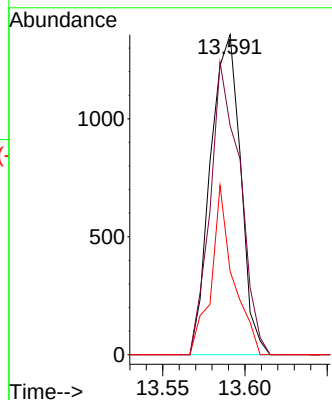
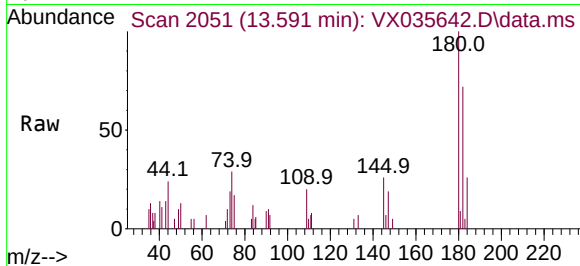




#93
1,2,4-Trichlorobenzene
Concen: 0.734 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

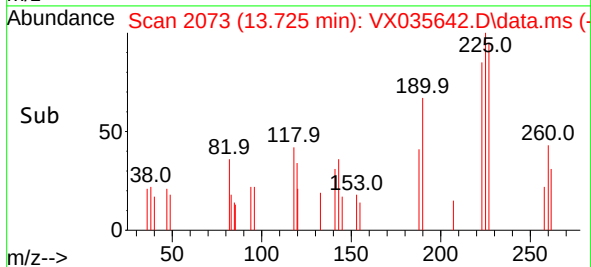
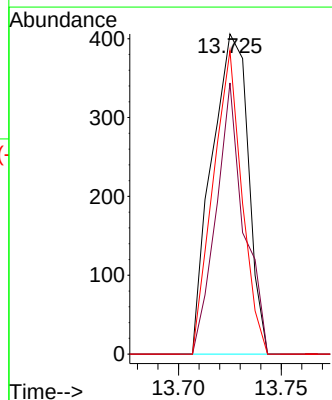
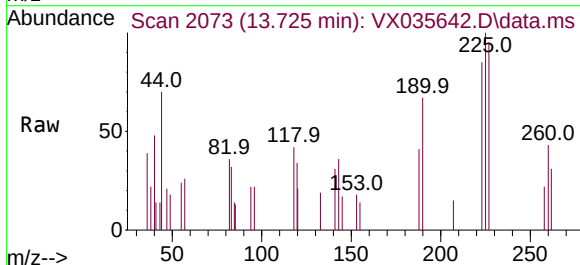
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

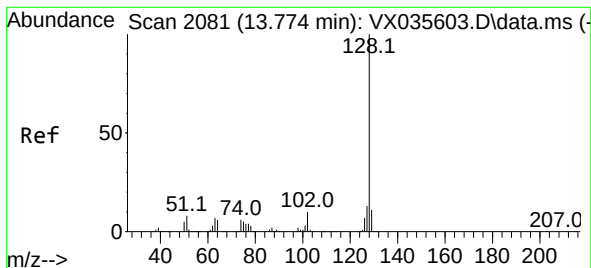
Tgt Ion:180	Resp:	1728
Ion Ratio	Lower	Upper
180	100	
182	90.3	47.0 141.0
145	38.4	15.9 47.7



#94
Hexachlorobutadiene
Concen: 0.537 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035642.D
Acq: 12 May 2023 16:51

Tgt Ion:225	Resp:	502
Ion Ratio	Lower	Upper
225	100	
223	64.5	32.1 96.5
227	74.9	31.8 95.4





#95

Naphthalene

Concen: 0.795 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

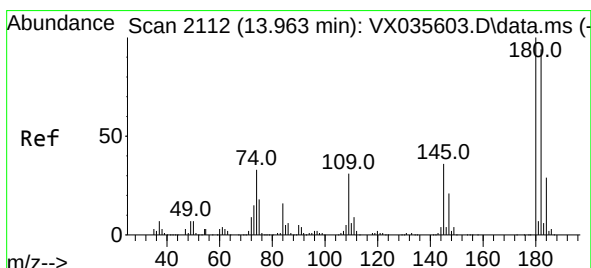
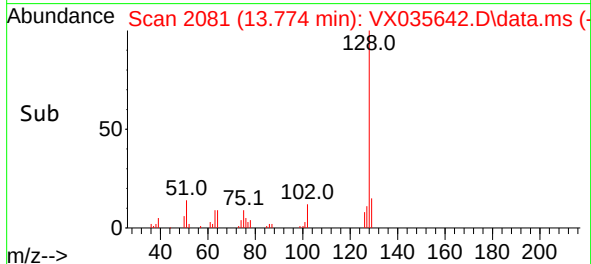
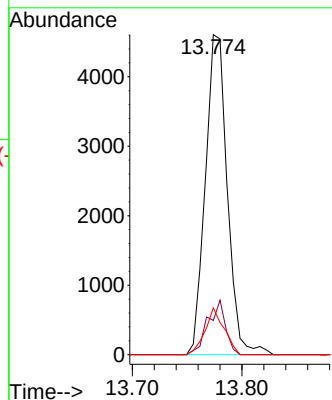
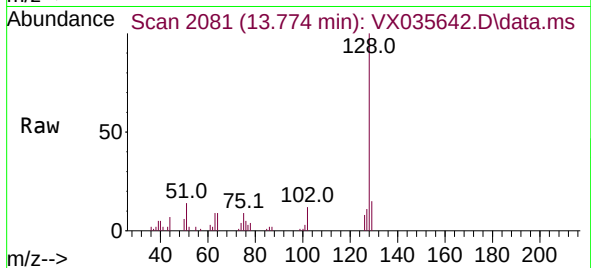
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion:	128	Resp:	6407
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	12.7	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.696 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035642.D

Acq: 12 May 2023 16:51

Tgt Ion:	180	Resp:	1611
Ion	Ratio	Lower	Upper
180	100		
182	98.3	48.0	144.2
145	42.5	17.7	53.1

