

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035641.D
 Acq On : 12 May 2023 16:27
 Operator : JC/MD
 Sample : 02213-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: May 15 01:58:05 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	5.556	168	202685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	374314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185233	52.386	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.780%	
35) Dibromofluoromethane	5.385	113	124128	49.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.340%	
50) Toluene-d8	8.647	98	445180	47.737	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.480%	
62) 4-Bromofluorobenzene	11.079	95	171175	45.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	1110	0.420	ug/l	98
3) Chloromethane	1.294	50	1832	0.571	ug/l #	82
4) Vinyl Chloride	1.374	62	1208	0.444	ug/l #	85
5) Bromomethane	1.618	94	1027	0.697	ug/l	94
6) Chloroethane	1.691	64	772	0.468	ug/l #	85
7) Trichlorofluoromethane	1.886	101	1710	0.427	ug/l	89
8) Diethyl Ether	2.136	74	739	0.480	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	2.331	101	1056	0.445	ug/l	95
10) Methyl Iodide	2.447	142	843	0.397	ug/l #	90
11) Tert butyl alcohol	3.014	59	1565m	2.509	ug/l	
12) 1,1-Dichloroethene	2.319	96	981	0.435	ug/l #	60
13) Acrolein	2.239	56	1654	2.234	ug/l	93
14) Allyl chloride	2.666	41	2172	0.449	ug/l	86
15) Acrylonitrile	3.075	53	2963	2.157	ug/l	87
16) Acetone	2.392	43	4159	2.737	ug/l #	88
17) Carbon Disulfide	2.514	76	2152	0.395	ug/l #	94
18) Methyl Acetate	2.703	43	2694	0.481	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	4188	0.466	ug/l	96
20) Methylene Chloride	2.788	84	1665	0.605	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	1104	0.446	ug/l	83
22) Diisopropyl ether	3.757	45	4027	0.425	ug/l	93
23) Vinyl Acetate	3.721	43	13117	1.958	ug/l	98
24) 1,1-Dichloroethane	3.605	63	2236	0.442	ug/l #	81
25) 2-Butanone	4.587	43	5258	2.499	ug/l	99
26) 2,2-Dichloropropane	4.489	77	1496	0.349	ug/l	87
27) cis-1,2-Dichloroethene	4.489	96	1493	0.502	ug/l	91
28) Bromochloromethane	4.897	49	1188	0.522	ug/l #	38
29) Tetrahydrofuran	5.038	42	3221	2.436	ug/l	98
30) Chloroform	5.099	83	2337	0.450	ug/l #	83
31) Cyclohexane	5.471	56	1801	0.403	ug/l #	72
32) 1,1,1-Trichloroethane	5.391	97	1682	0.373	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	1737m	0.436	ug/l	
37) Ethyl Acetate	4.727	43	2262	0.544	ug/l #	70
38) Carbon Tetrachloride	5.678	117	1364	0.361	ug/l #	83
39) Methylcyclohexane	7.379	83	1844	0.393	ug/l #	72
40) Benzene	6.037	78	4344	0.390	ug/l	95

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	1127	0.457	ug/l #	93
42) 1,2-Dichloroethane	6.092	62	2556	0.533	ug/l	90
43) Isopropyl Acetate	6.354	43	2979	0.411	ug/l #	89
44) Trichloroethene	7.135	130	1070	0.379	ug/l	67
45) 1,2-Dichloropropane	7.434	63	1091	0.370	ug/l	95
46) Dibromomethane	7.592	93	785	0.388	ug/l	94
47) Bromodichloromethane	7.830	83	1282	0.328	ug/l #	84
48) Methyl methacrylate	7.702	41	1475	0.412	ug/l	94
49) 1,4-Dioxane	7.726	88	1061	15.379	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	9010	2.158	ug/l	97
52) Toluene	8.720	92	2997	0.426	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	1233	0.291	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	1409	0.310	ug/l #	78
55) 1,1,2-Trichloroethane	9.153	97	1142	0.413	ug/l #	48
56) Ethyl methacrylate	9.116	69	1605	0.359	ug/l	87
57) 1,3-Dichloropropane	9.311	76	2056	0.410	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.238	63	4950	2.174	ug/l	98
59) 2-Hexanone	9.433	43	6528	2.076	ug/l	100
60) Dibromochloromethane	9.525	129	745	0.283	ug/l	83
61) 1,2-Dibromoethane	9.610	107	994	0.341	ug/l	97
64) Tetrachloroethene	9.269	164	927	0.430	ug/l #	77
65) Chlorobenzene	10.079	112	3234	0.463	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.171	131	878	0.356	ug/l #	63
67) Ethyl Benzene	10.195	91	5125	0.390	ug/l	96
68) m/p-Xylenes	10.299	106	4113	0.847	ug/l	98
69) o-Xylene	10.640	106	1912	0.397	ug/l	89
70) Styrene	10.659	104	2688	0.346	ug/l	90
71) Bromoform	10.799	173	459	0.283	ug/l #	94
73) Isopropylbenzene	10.963	105	4562	0.383	ug/l	94
74) N-amyl acetate	10.842	43	2057	0.370	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	1622	0.420	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	1610m	0.466	ug/l	
77) Bromobenzene	11.195	156	1163	0.430	ug/l	87
78) n-propylbenzene	11.305	91	5341	0.382	ug/l	92
79) 2-Chlorotoluene	11.366	91	3767	0.430	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	3879	0.383	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.024	75	263m	0.245	ug/l	
82) 4-Chlorotoluene	11.451	91	4109	0.407	ug/l	95
83) tert-Butylbenzene	11.719	119	3953	0.402	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	4385	0.431	ug/l	94
85) sec-Butylbenzene	11.890	105	4362	0.353	ug/l	99
86) p-Isopropyltoluene	12.012	119	3585	0.353	ug/l #	83
87) 1,3-Dichlorobenzene	11.969	146	2043	0.398	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	2344m	0.452	ug/l	
89) n-Butylbenzene	12.329	91	3112	0.337	ug/l	94
90) Hexachloroethane	12.536	117	459	0.298	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	2011	0.400	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.939	75	283	0.329	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	962	0.318	ug/l #	68
94) Hexachlorobutadiene	13.719	225	409	0.340	ug/l	95
95) Naphthalene	13.774	128	4529	0.437	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1325	0.445	ug/l	93

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Response via : Initial Calibration

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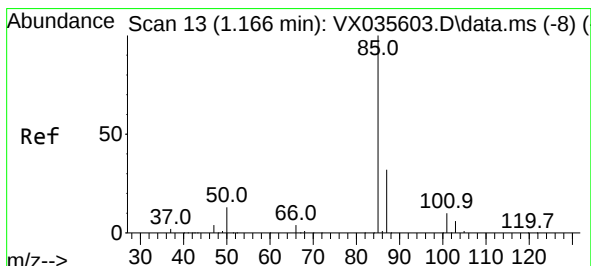
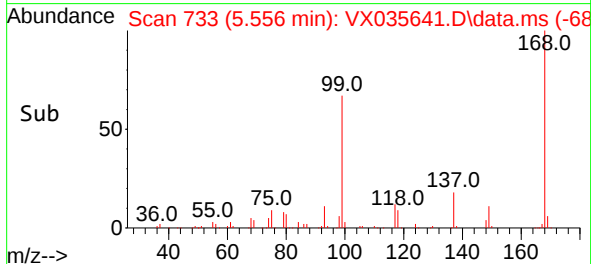
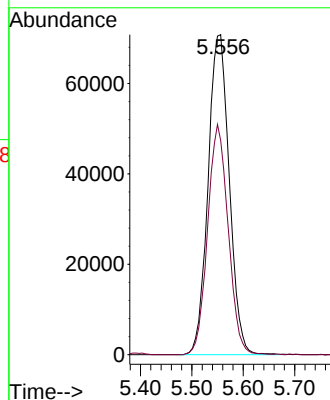
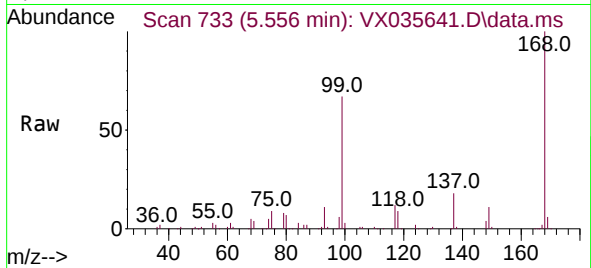
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035641.D
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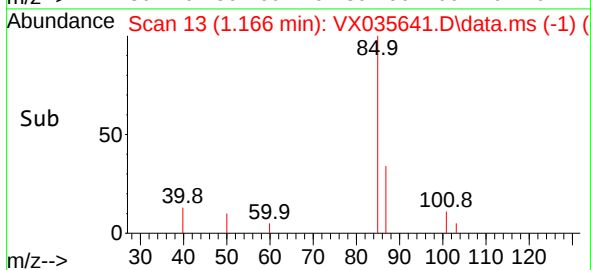
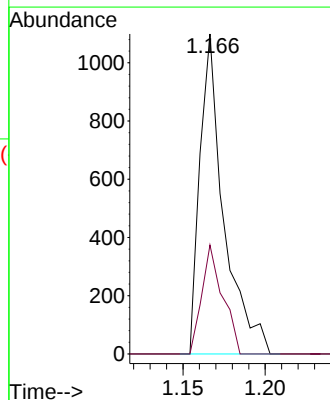
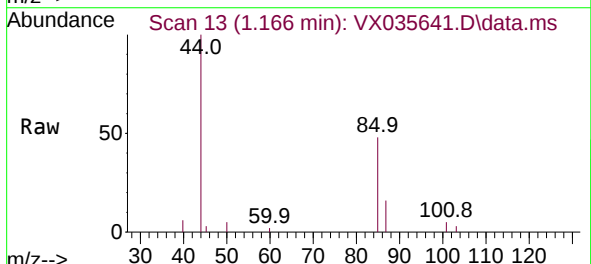
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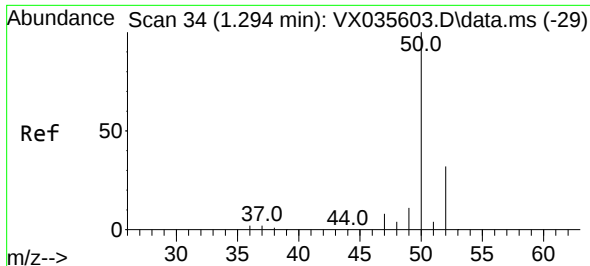
Tgt Ion:168 Resp: 202685
Ion Ratio Lower Upper
168 100
99 67.0 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.420 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 85 Resp: 1110
Ion Ratio Lower Upper
85 100
87 34.0 16.4 49.1

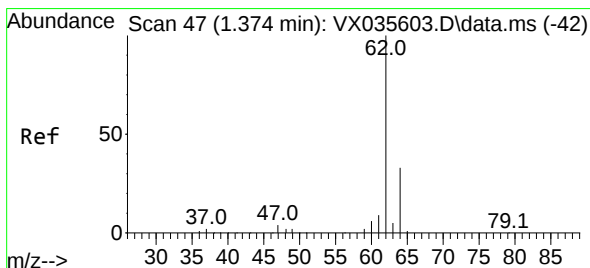
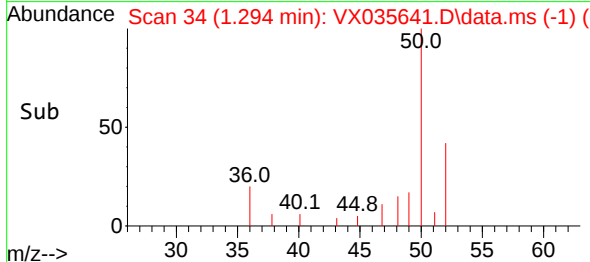
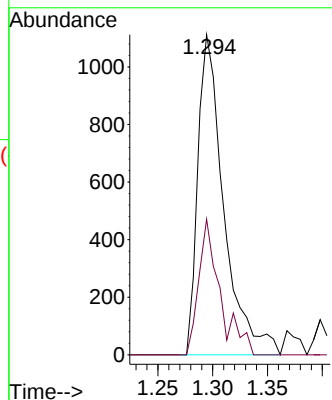
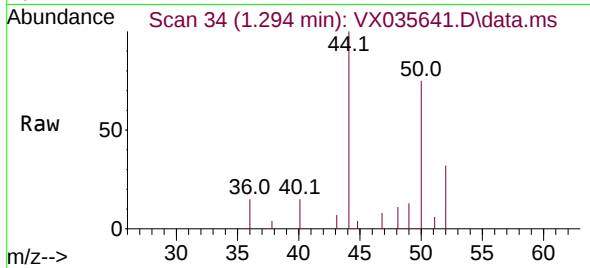




#3
Chloromethane
Concen: 0.571 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

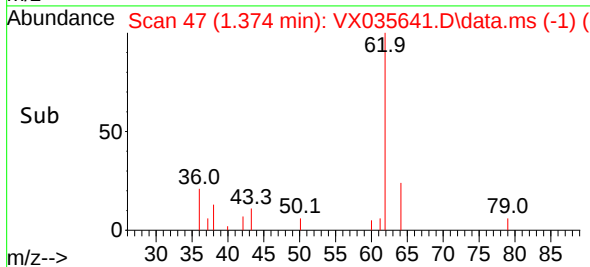
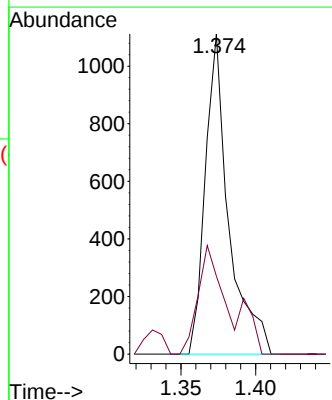
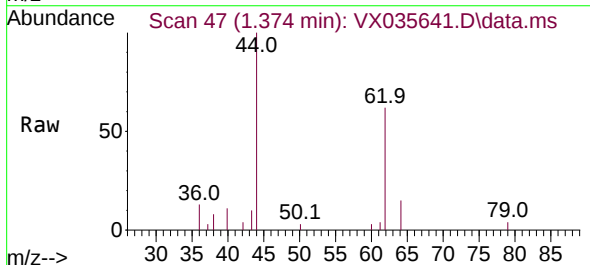
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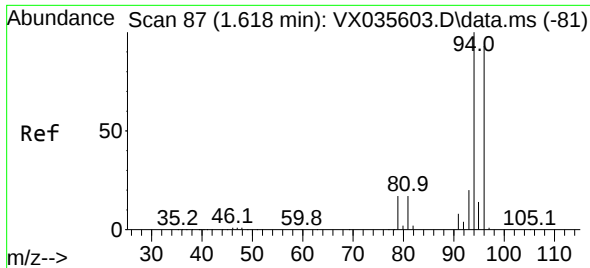
Tgt Ion: 50 Resp: 1832
Ion Ratio Lower Upper
50 100
52 42.4 25.9 38.9#



#4
Vinyl Chloride
Concen: 0.444 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 62 Resp: 1208
Ion Ratio Lower Upper
62 100
64 24.4 26.4 39.6#

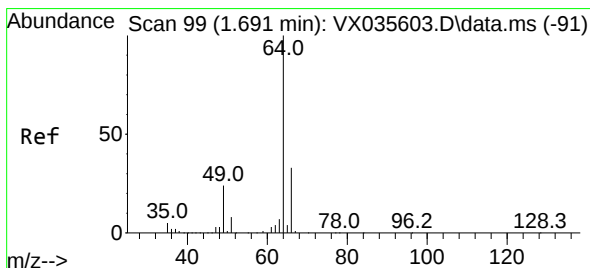
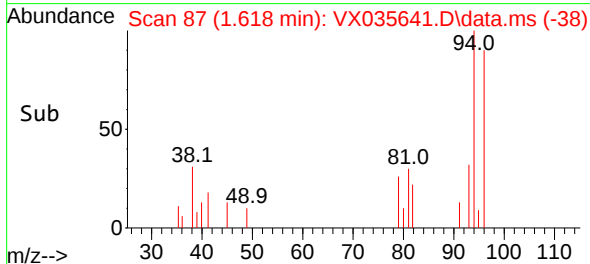
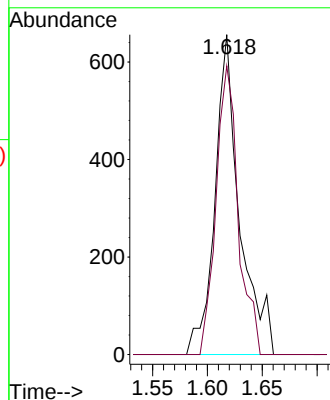
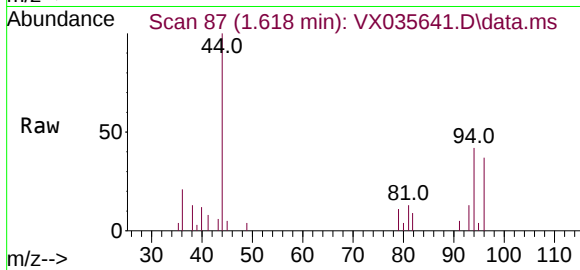




#5
Bromomethane
Concen: 0.697 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

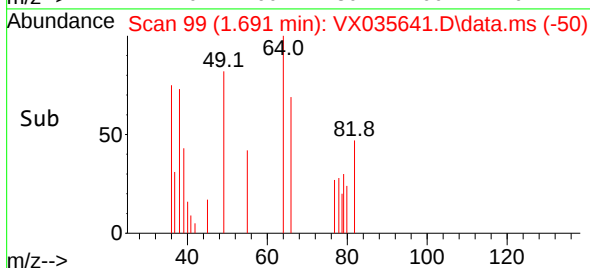
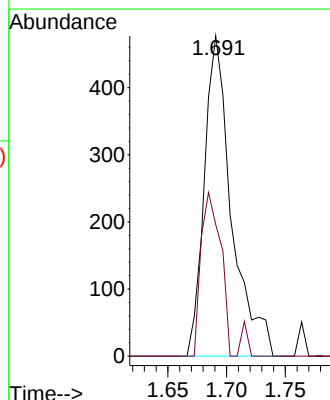
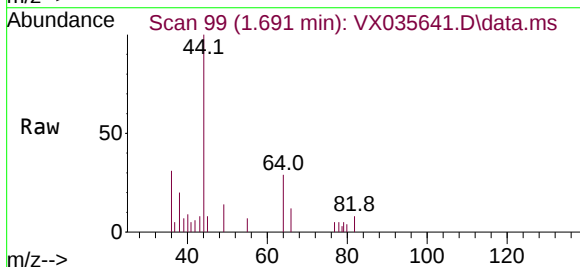
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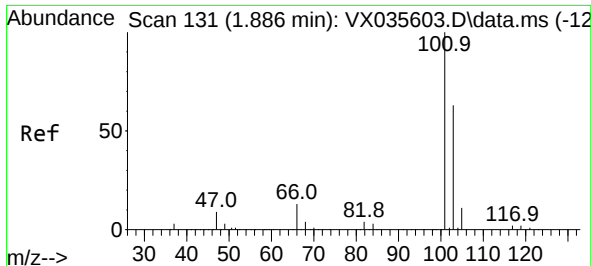
Tgt Ion: 94 Resp: 1027
Ion Ratio Lower Upper
94 100
96 90.2 77.0 115.6



#6
Chloroethane
Concen: 0.468 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 64 Resp: 772
Ion Ratio Lower Upper
64 100
66 41.1 26.2 39.4#

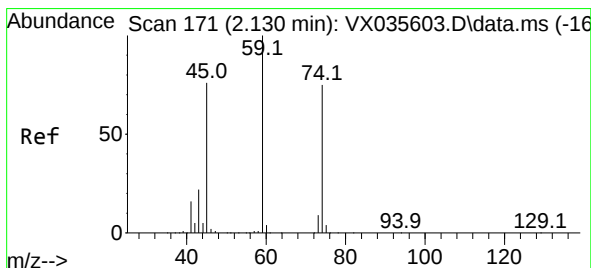
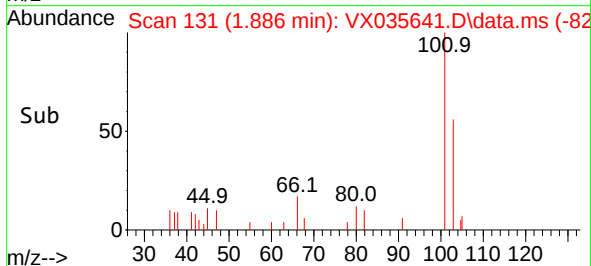
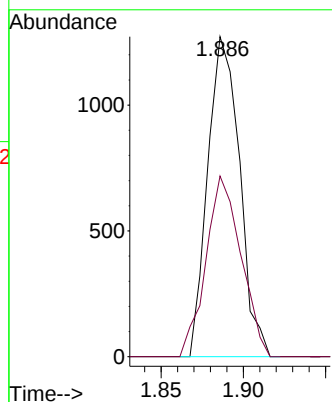
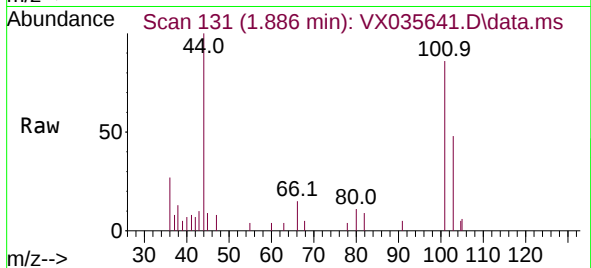




#7
Trichlorofluoromethane
Concen: 0.427 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

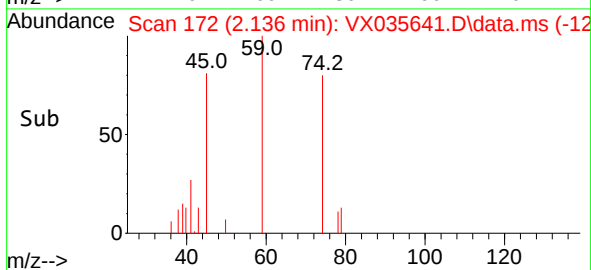
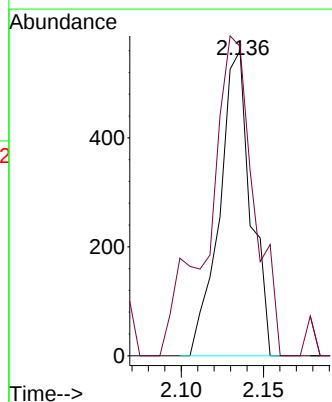
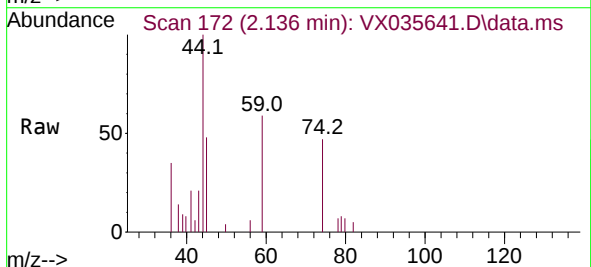
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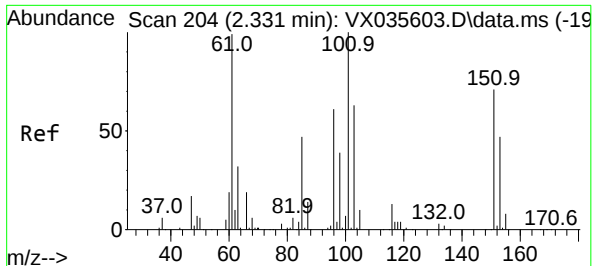
Tgt Ion:101 Resp: 1710
Ion Ratio Lower Upper
101 100
103 56.4 52.0 78.0



#8
Diethyl Ether
Concen: 0.480 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 74 Resp: 739
Ion Ratio Lower Upper
74 100
45 152.2 49.8 149.3#

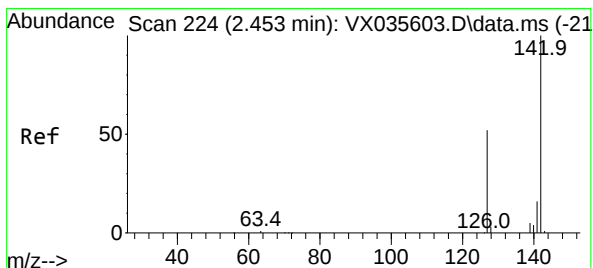
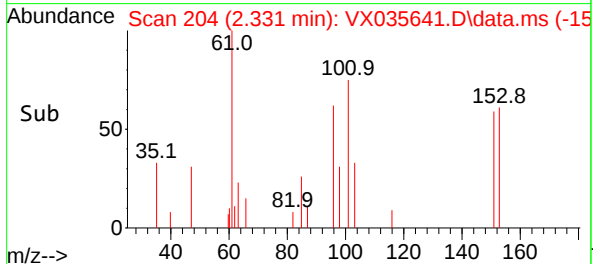
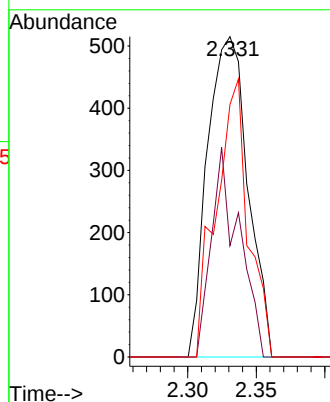
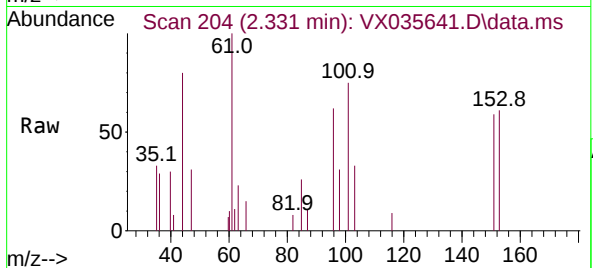




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.445 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX035641.D
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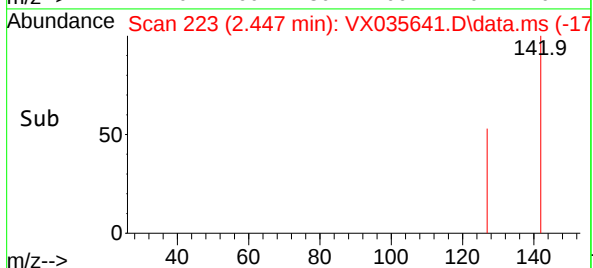
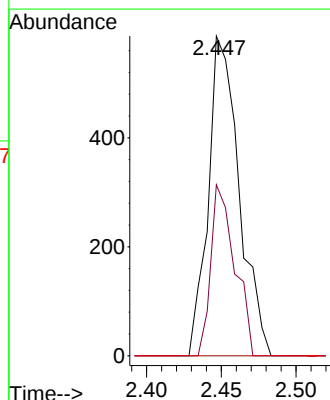
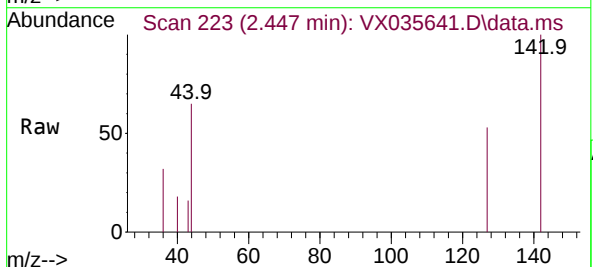
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 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

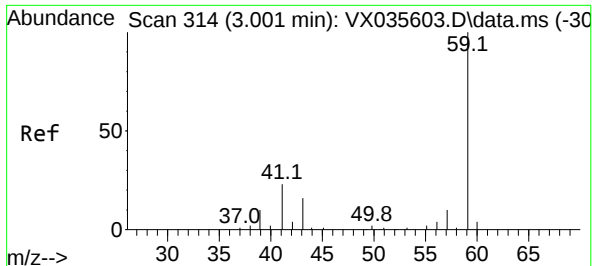
Tgt Ion:101	Resp:	1056
Ion	Ratio	Lower Upper
101	100	
85	45.1	35.4 53.2
151	69.0	60.2 90.4



#10
 Methyl Iodide
 Concen: 0.397 ug/l
 RT: 2.447 min Scan# 223
 Delta R.T. -0.006 min
 Lab File: VX035641.D
 Acq: 12 May 2023 16:27

Tgt Ion:142	Resp:	843
Ion	Ratio	Lower Upper
142	100	
127	41.4	34.0 51.0
141	0.0	11.1 16.7#

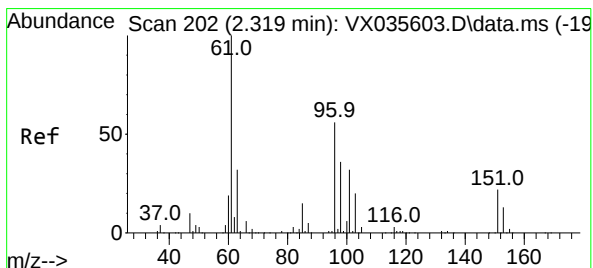
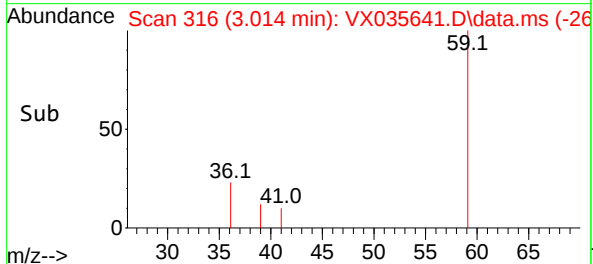
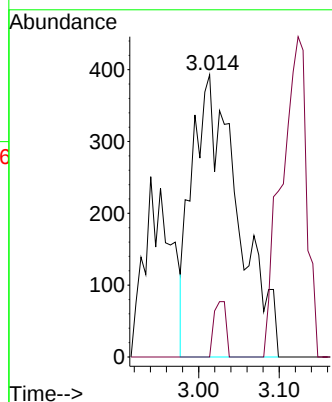
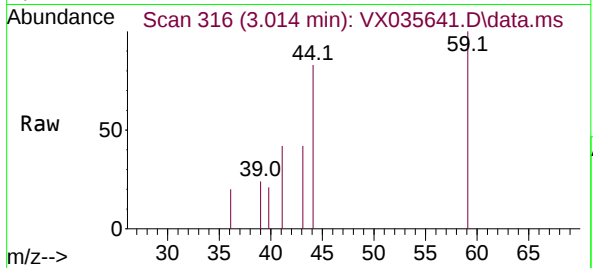




#11
Tert butyl alcohol
Concen: 2.509 ug/l m
RT: 3.014 min Scan# 314
Delta R.T. 0.013 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

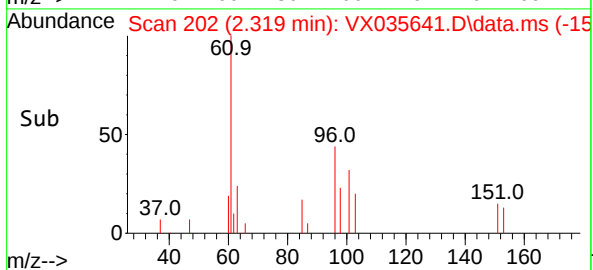
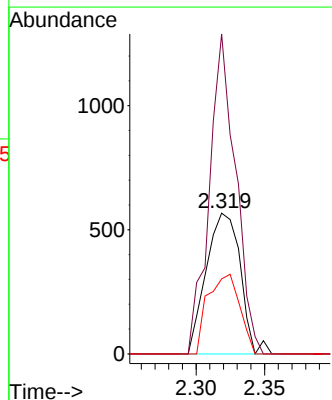
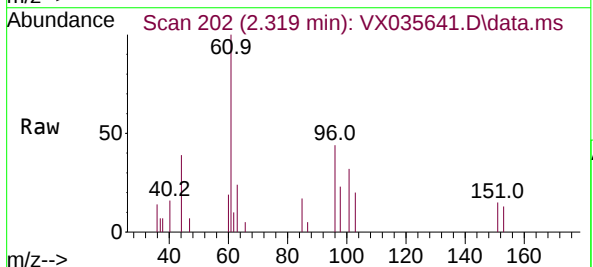
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

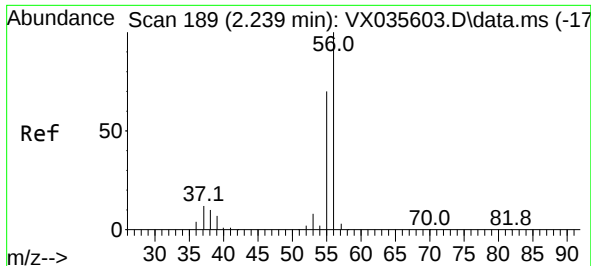
Tgt Ion: 59 Resp: 1565
Ion Ratio Lower Upper
59 100
57 5.1 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 0.435 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 96 Resp: 981
Ion Ratio Lower Upper
96 100
61 227.3 128.8 193.2#
98 53.3 51.4 77.0

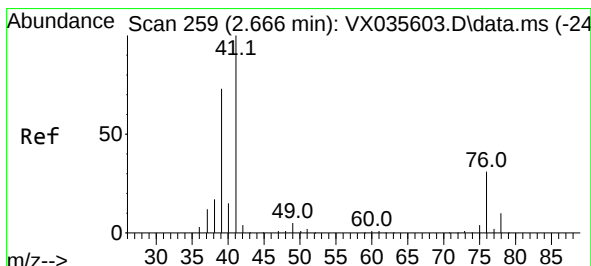
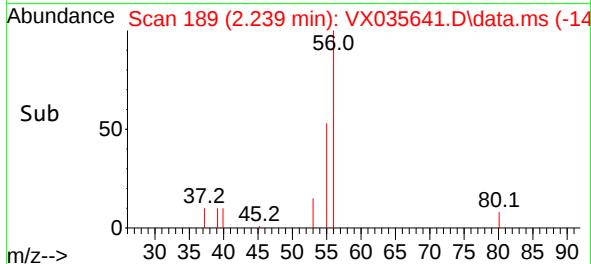
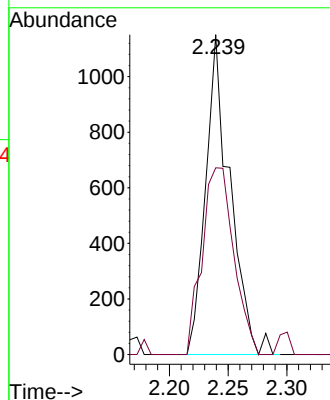
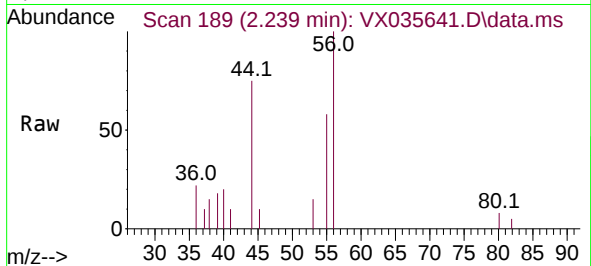




#13
Acrolein
Concen: 2.234 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

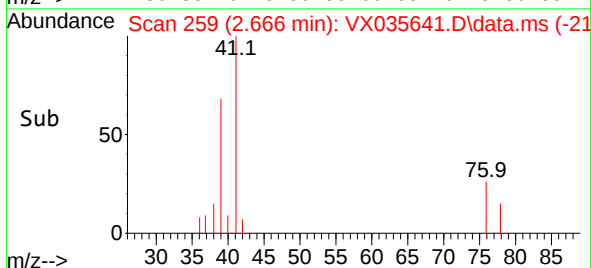
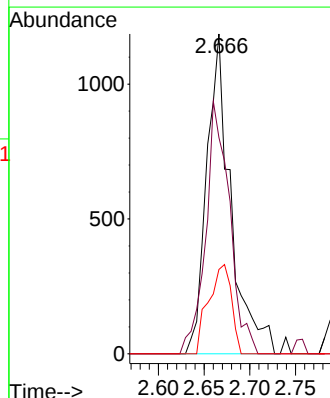
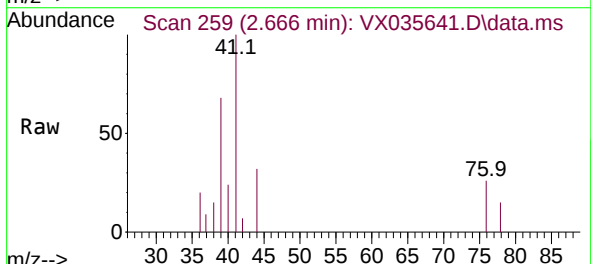
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

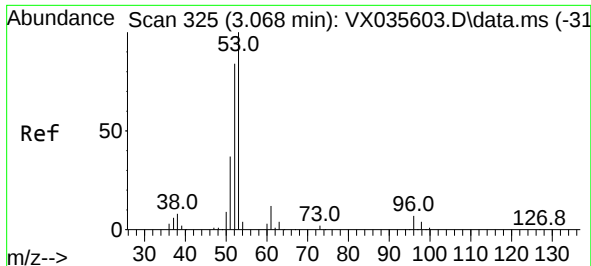
Tgt Ion: 56 Resp: 1654
Ion Ratio Lower Upper
56 100
55 76.5 56.6 85.0



#14
Allyl chloride
Concen: 0.449 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 41 Resp: 2172
Ion Ratio Lower Upper
41 100
39 78.3 52.4 78.6
76 26.3 26.0 39.0

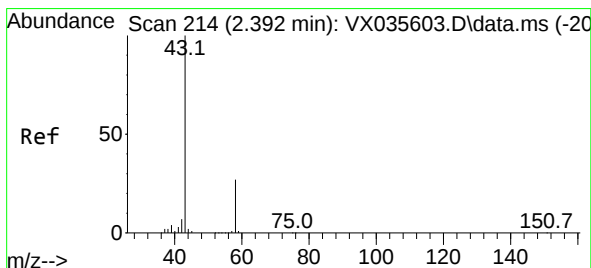
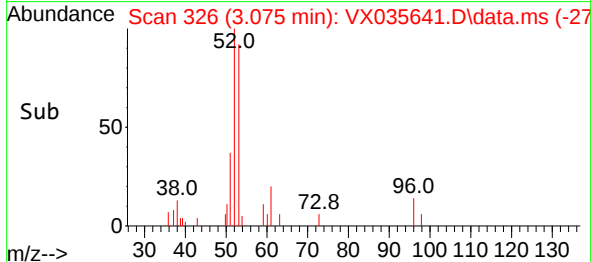
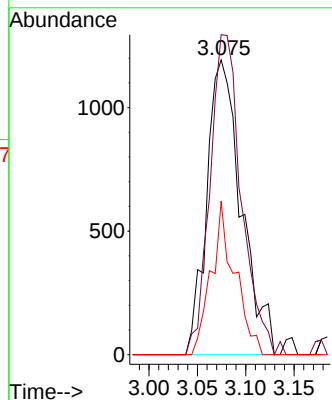
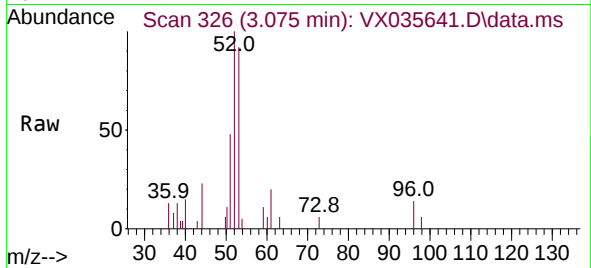




#15
Acrylonitrile
Concen: 2.157 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

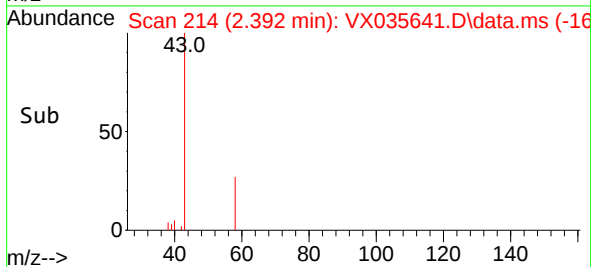
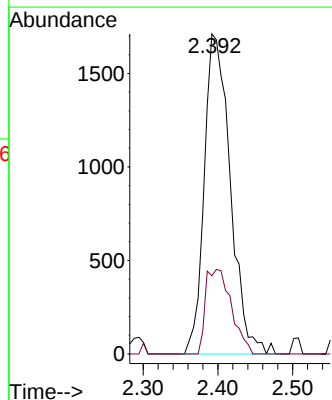
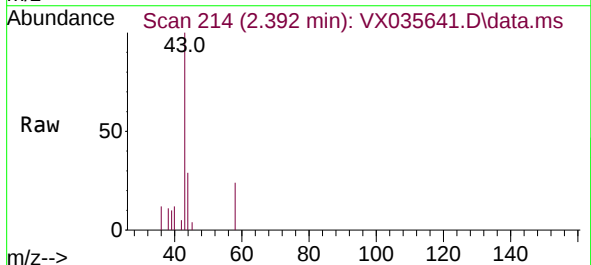
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

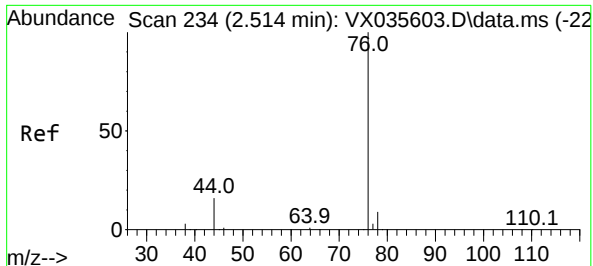
Tgt Ion: 53 Resp: 2963
Ion Ratio Lower Upper
53 100
52 99.1 66.2 99.2
51 35.6 28.3 42.5



#16
Acetone
Concen: 2.737 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 43 Resp: 4159
Ion Ratio Lower Upper
43 100
58 24.5 24.7 37.1#

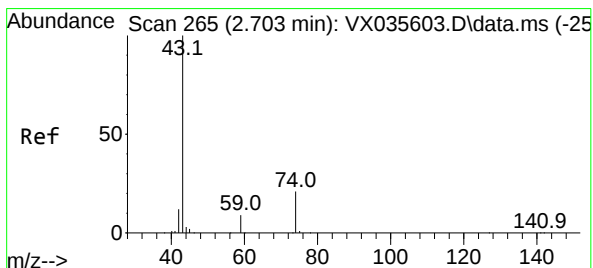
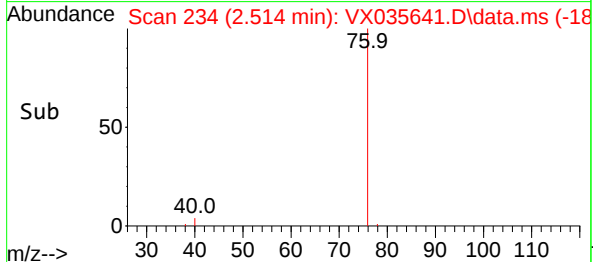
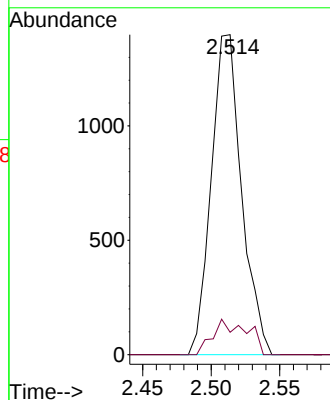
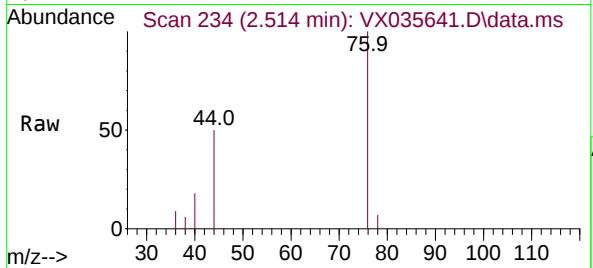




#17
Carbon Disulfide
Concen: 0.395 ug/l
RT: 2.514 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

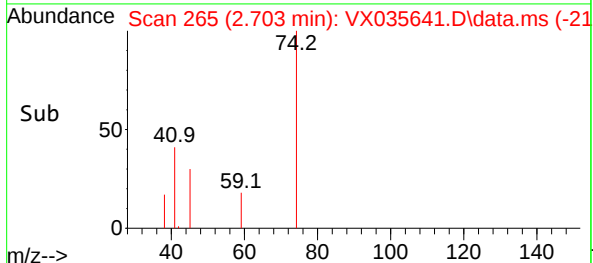
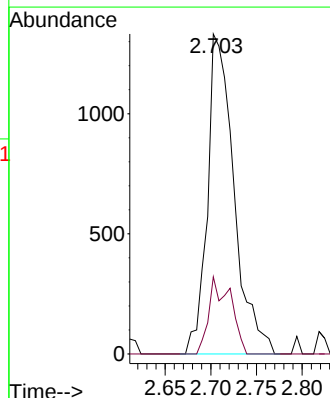
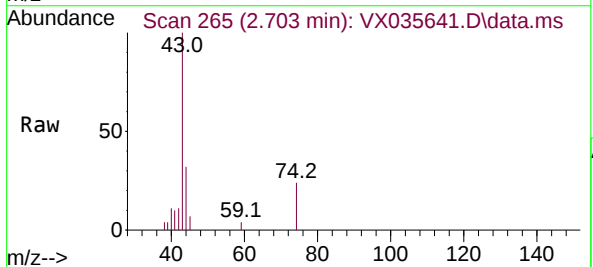
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

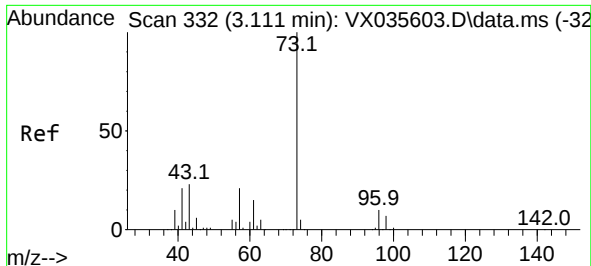
Tgt Ion: 76 Resp: 2152
Ion Ratio Lower Upper
76 100
78 7.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.481 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 43 Resp: 2694
Ion Ratio Lower Upper
43 100
74 19.8 18.3 27.5

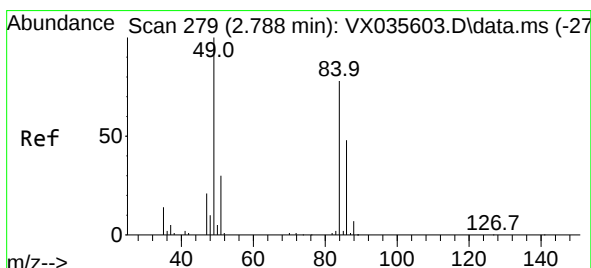
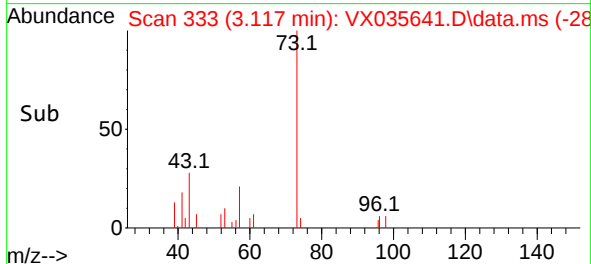
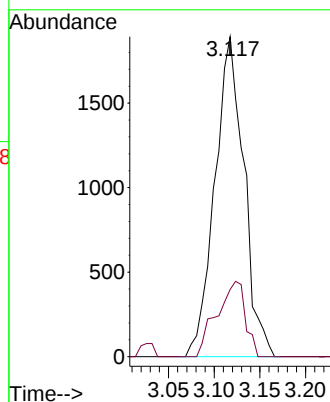
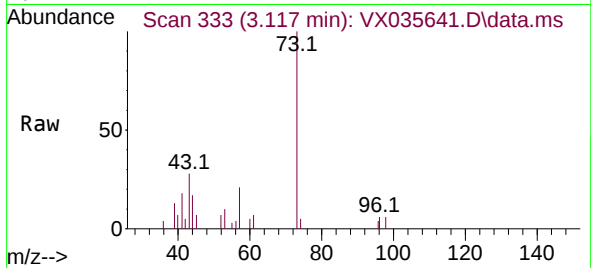




#19
Methyl tert-butyl Ether
Concen: 0.466 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

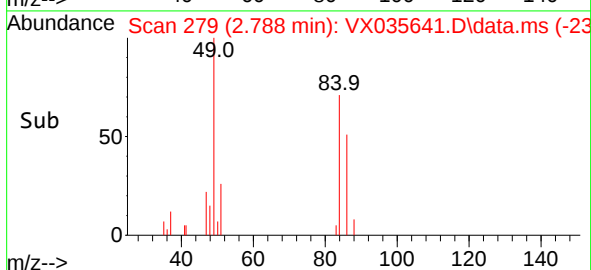
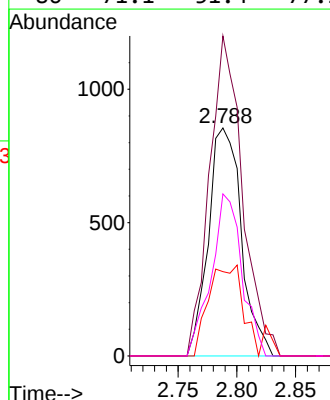
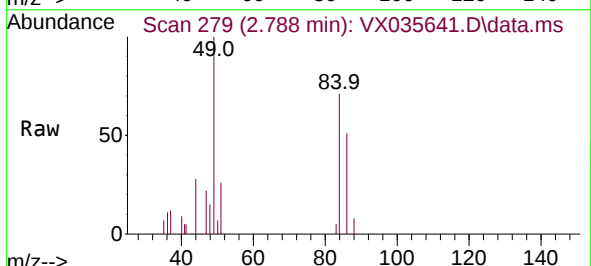
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

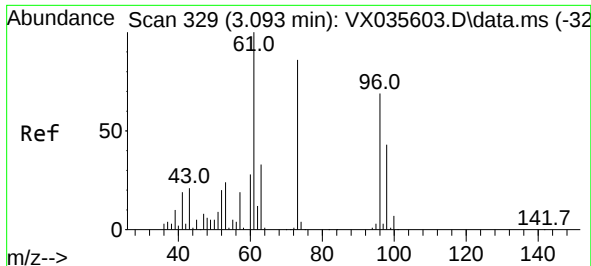
Tgt Ion: 73 Resp: 4188
Ion Ratio Lower Upper
73 100
57 21.0 18.5 27.7



#20
Methylene Chloride
Concen: 0.605 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 84 Resp: 1665
Ion Ratio Lower Upper
84 100
49 140.4 103.8 155.8
51 37.0 31.8 47.8
86 71.1 51.4 77.2

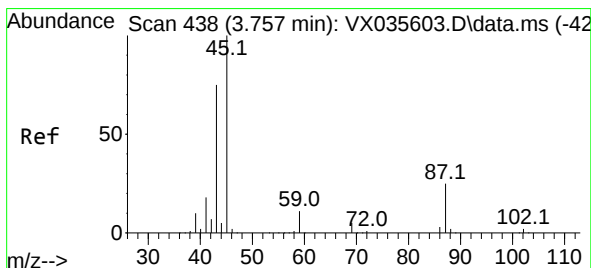
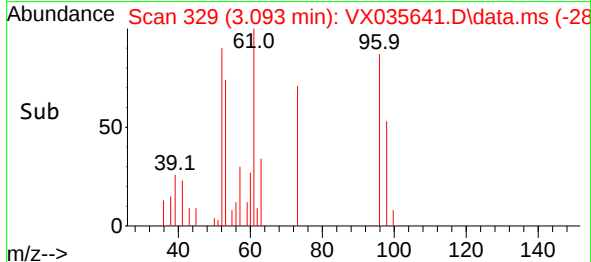
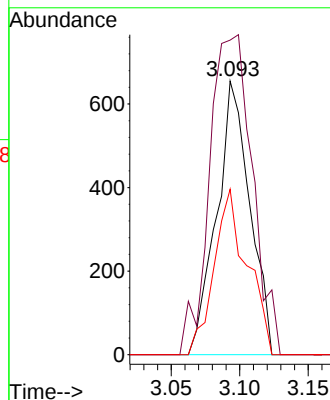
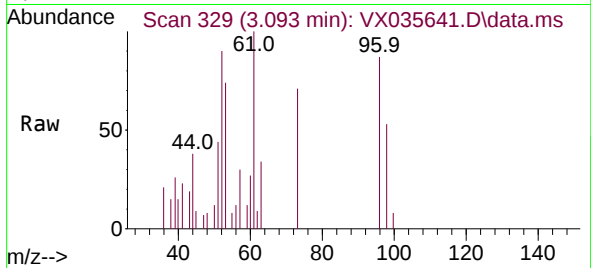




#21
trans-1,2-Dichloroethene
Concen: 0.446 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

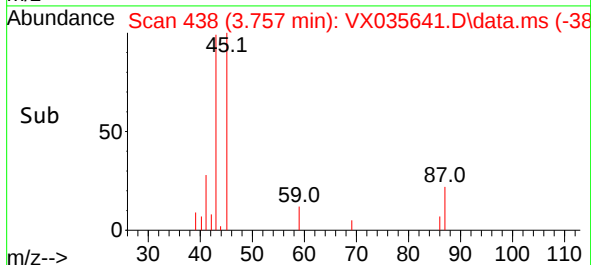
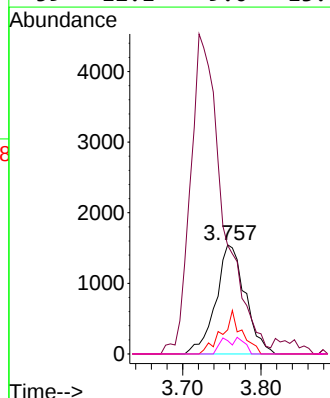
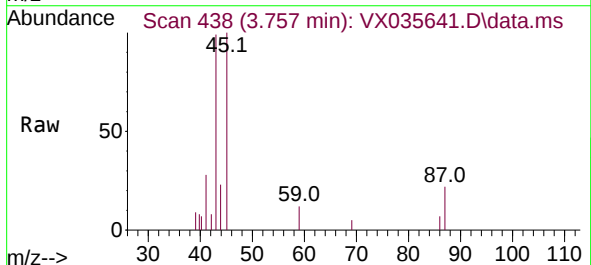
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

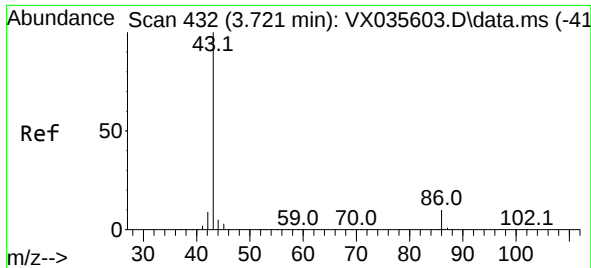
Tgt Ion: 96 Resp: 1104
Ion Ratio Lower Upper
96 100
61 115.0 113.0 169.6
98 60.5 52.1 78.1



#22
Diisopropyl ether
Concen: 0.425 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 45 Resp: 4027
Ion Ratio Lower Upper
45 100
43 88.5 65.4 98.2
87 22.1 20.6 31.0
59 12.1 9.0 13.6

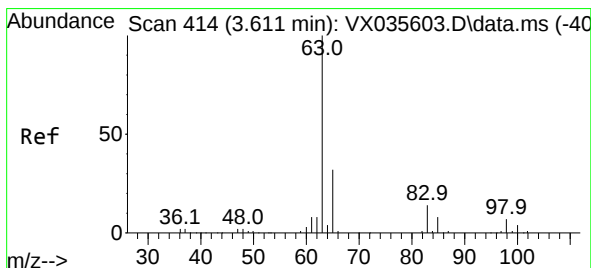
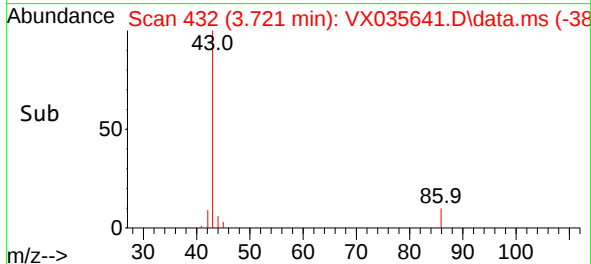
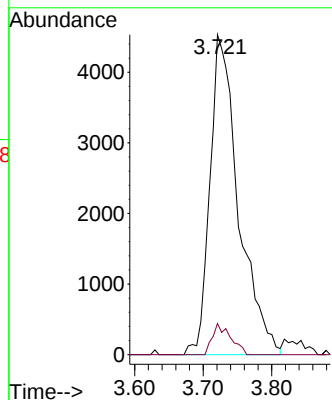
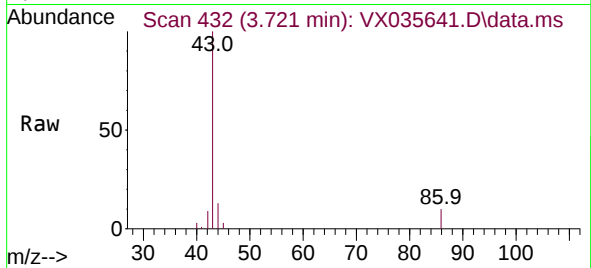




#23
 Vinyl Acetate
 Concen: 1.958 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035641.D
 Acq: 12 May 2023 16:27

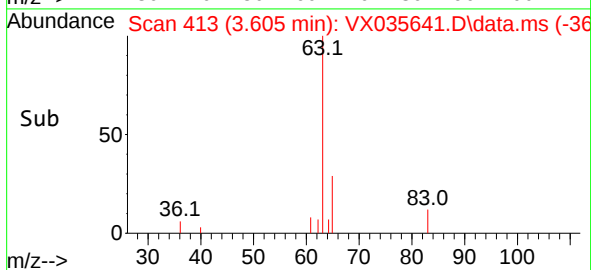
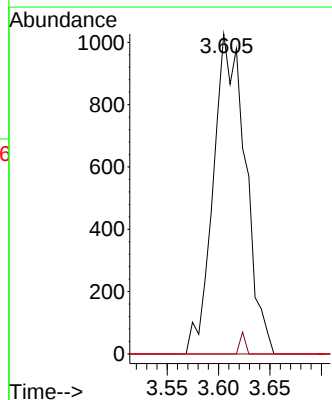
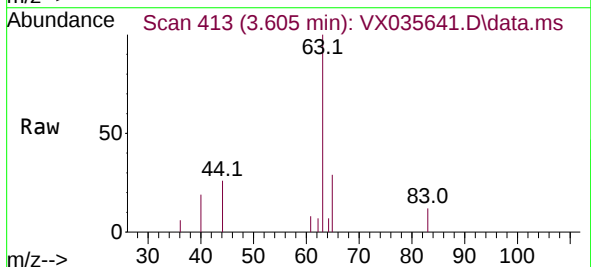
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

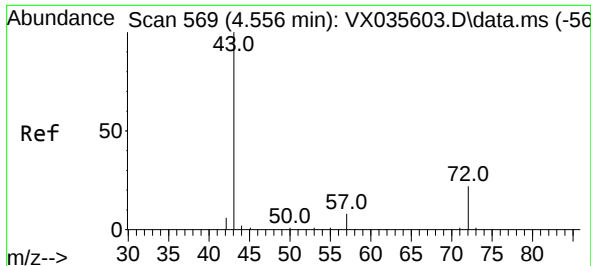
Tgt Ion: 43 Resp: 13117
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 0.442 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035641.D
 Acq: 12 May 2023 16:27

Tgt Ion: 63 Resp: 2236
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.4 7.1#





#25

2-Butanone

Concen: 2.499 ug/l

RT: 4.587 min Scan# 5

Delta R.T. 0.031 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

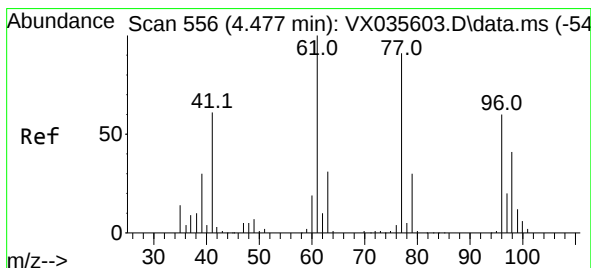
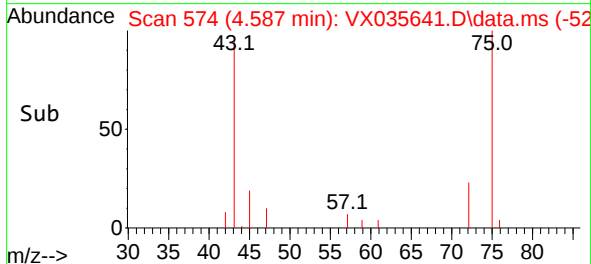
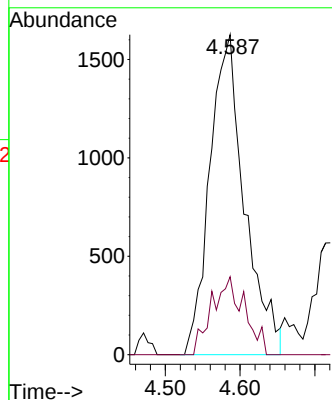
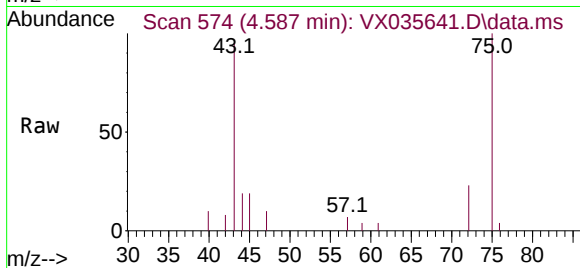
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 5258

Ion Ratio Lower Upper

43 100

72 24.4 19.3 28.9



#26

2,2-Dichloropropane

Concen: 0.349 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.012 min

Lab File: VX035641.D

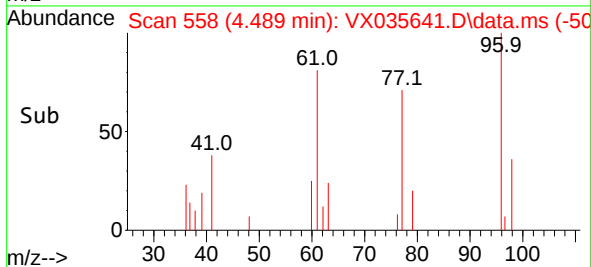
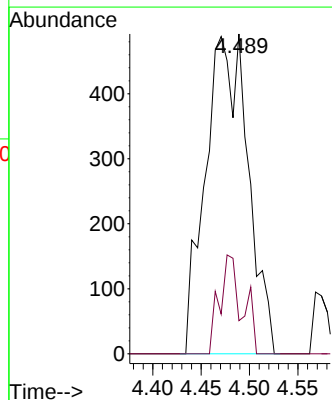
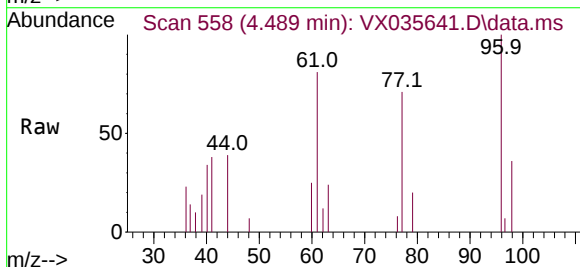
Acq: 12 May 2023 16:27

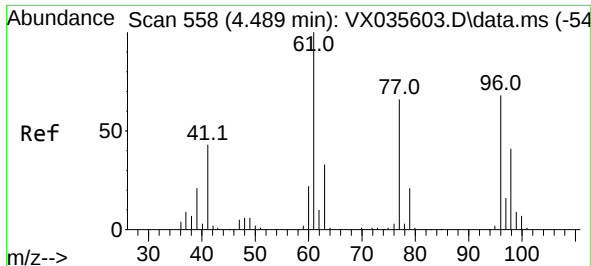
Tgt Ion: 77 Resp: 1496

Ion Ratio Lower Upper

77 100

97 16.3 11.4 34.1



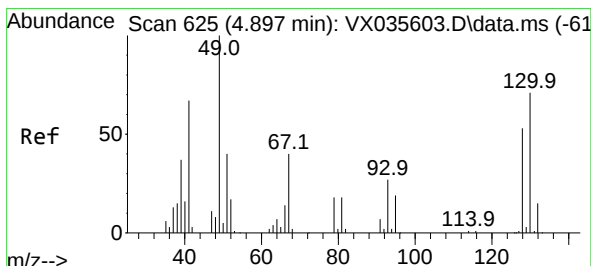
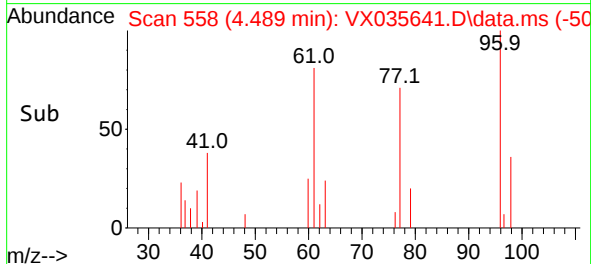
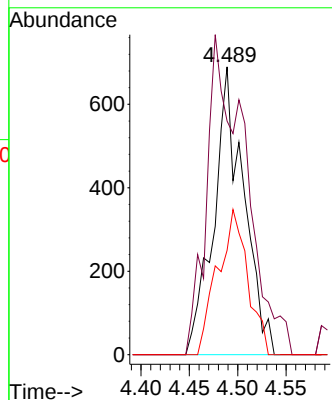
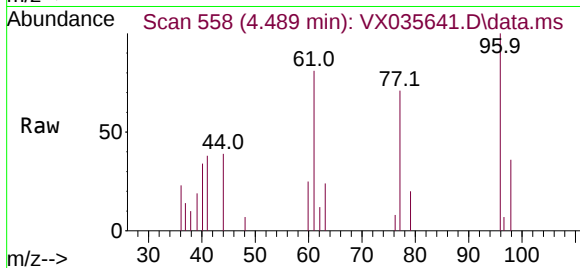


#27
 cis-1,2-Dichloroethene
 Concen: 0.502 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX035641.D
 Acq: 12 May 2023 16:27

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

Tgt Ion: 96 Resp: 1493

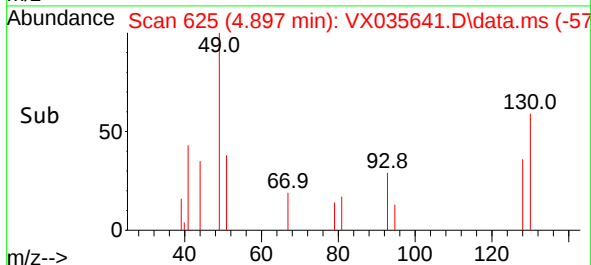
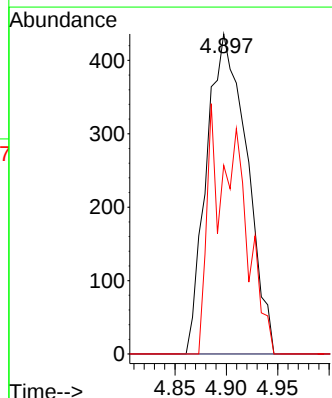
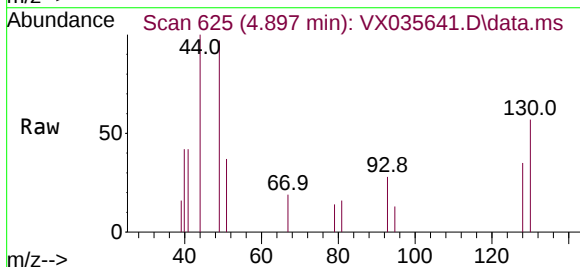
Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	300.4
98	50.4	0.0	129.0

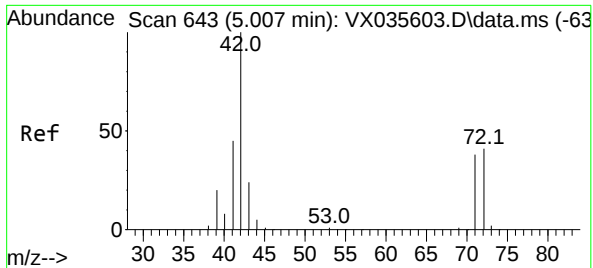


#28
 Bromochloromethane
 Concen: 0.522 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX035641.D
 Acq: 12 May 2023 16:27

Tgt Ion: 49 Resp: 1188

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	19.7	58.2	87.2#

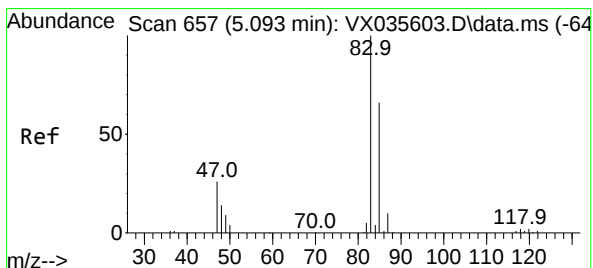
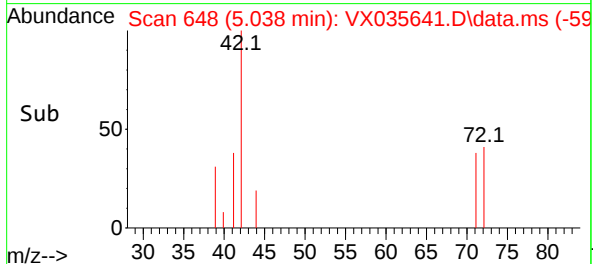
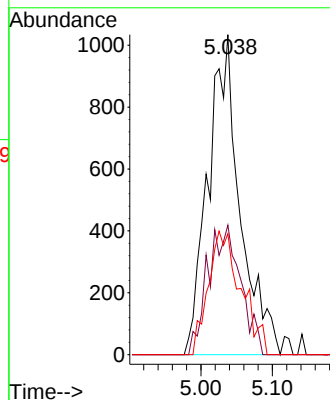
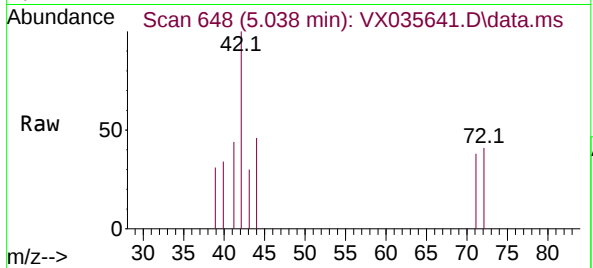




#29
Tetrahydrofuran
Concen: 2.436 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.031 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

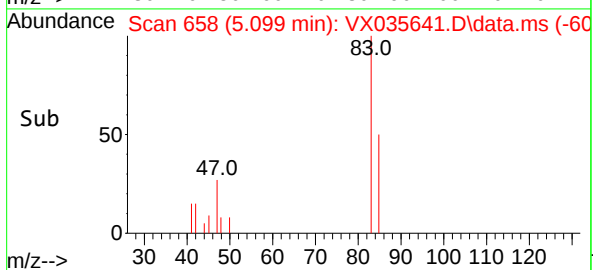
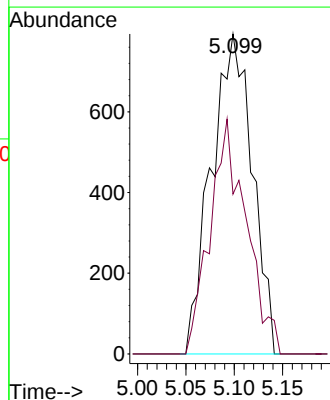
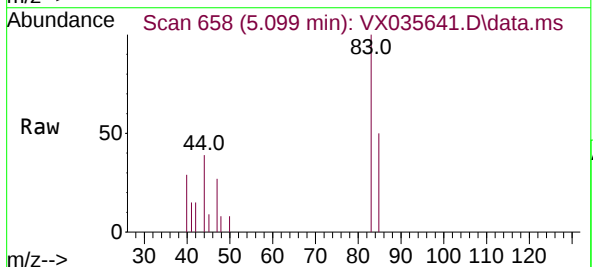
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

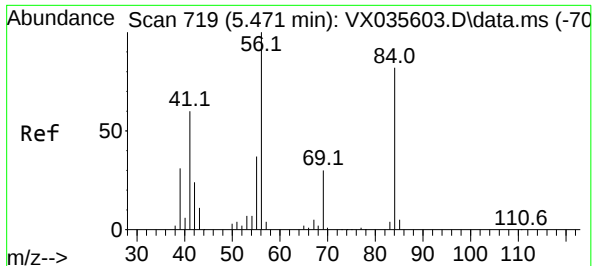
Tgt Ion: 42 Resp: 3221
Ion Ratio Lower Upper
42 100
72 41.3 34.5 51.7
71 39.4 32.1 48.1



#30
Chloroform
Concen: 0.450 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 83 Resp: 2337
Ion Ratio Lower Upper
83 100
85 49.9 50.6 76.0#

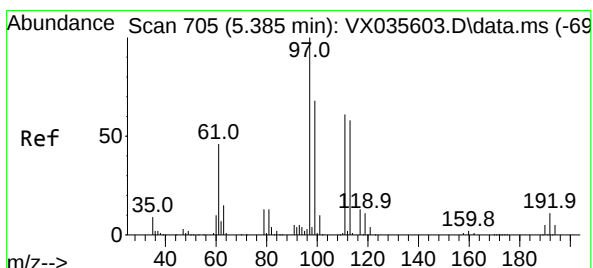
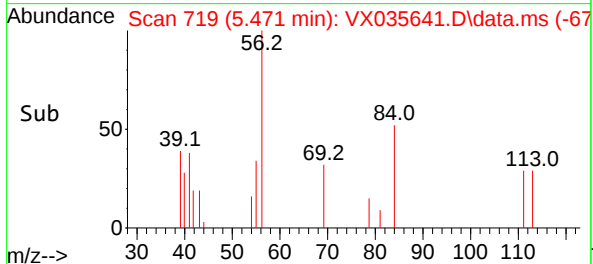
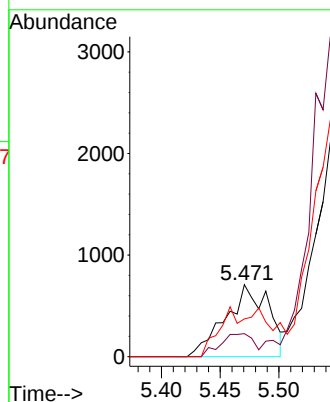
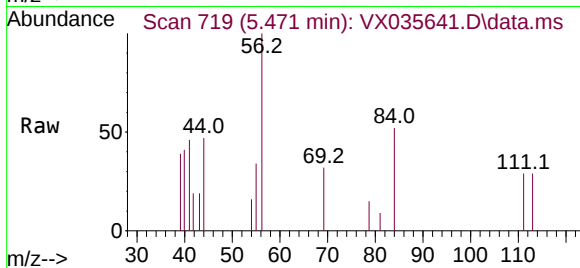




#31
Cyclohexane
Concen: 0.403 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

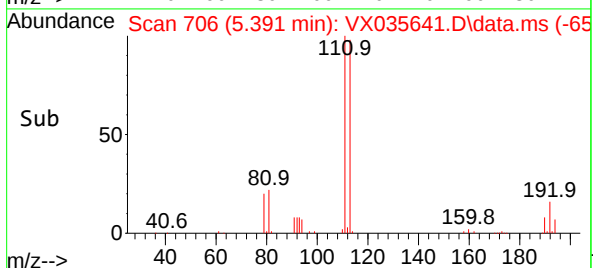
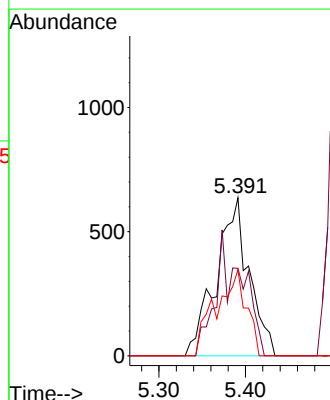
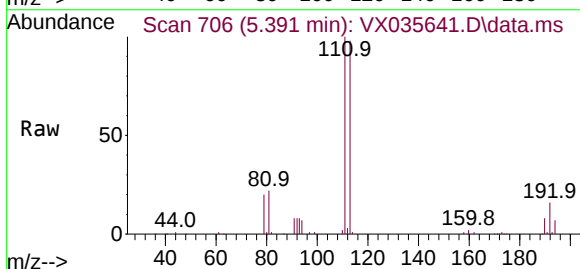
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

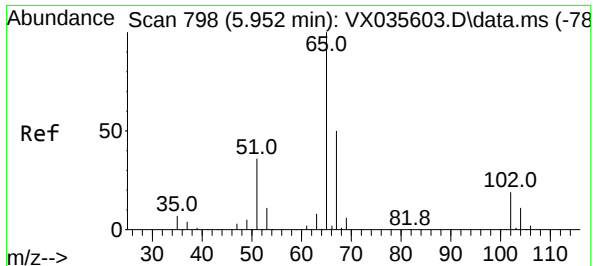
Tgt Ion: 56 Resp: 1801
Ion Ratio Lower Upper
56 100
69 31.9 23.7 35.5
84 52.3 68.5 102.7#



#32
1,1,1-Trichloroethane
Concen: 0.373 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 97 Resp: 1682
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 50.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.386 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

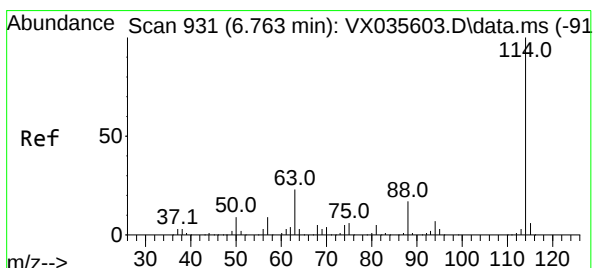
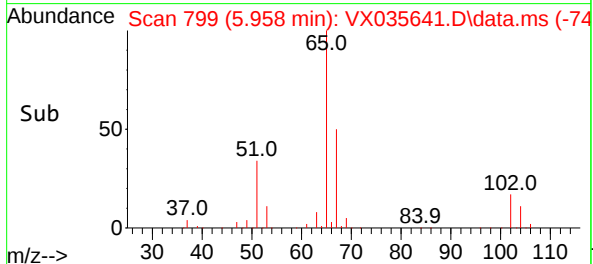
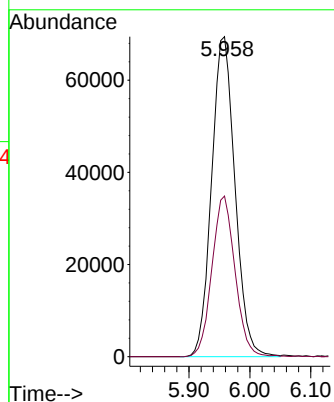
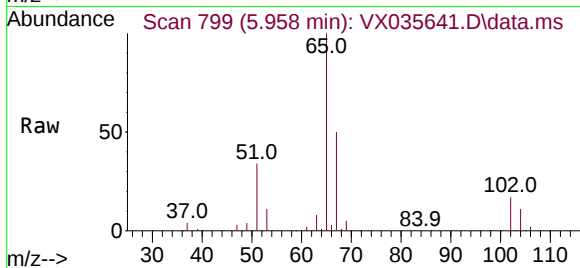
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 65 Resp: 185233

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: VX035641.D

Acq: 12 May 2023 16:27

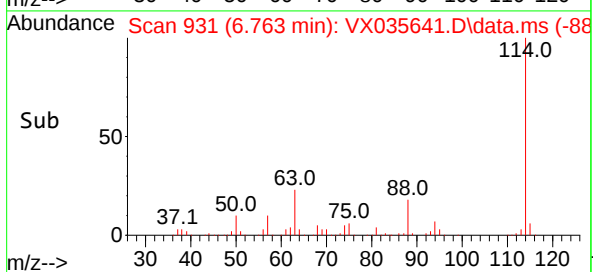
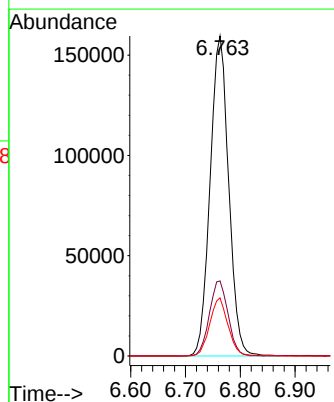
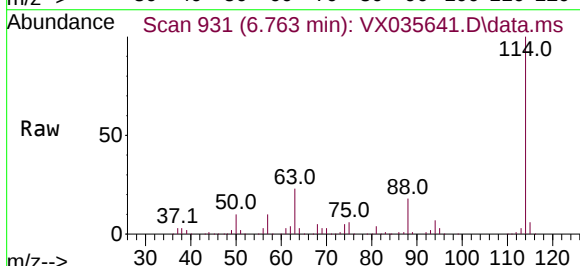
Tgt Ion: 114 Resp: 374314

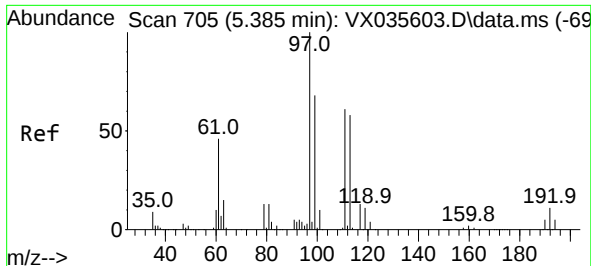
Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

88 18.2 0.0 33.2

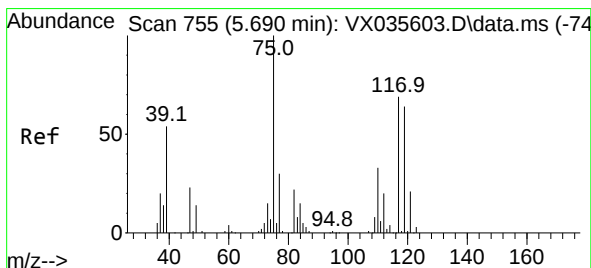
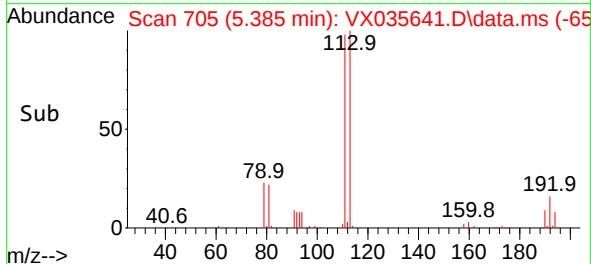
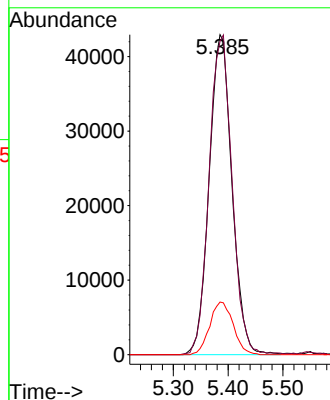
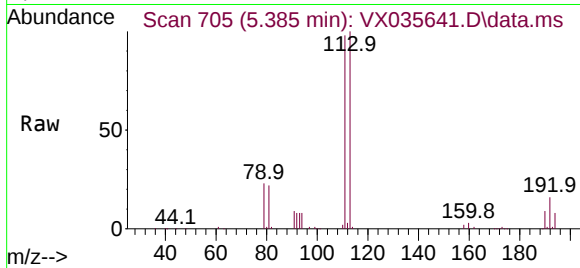




#35
Dibromofluoromethane
Concen: 49.172 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

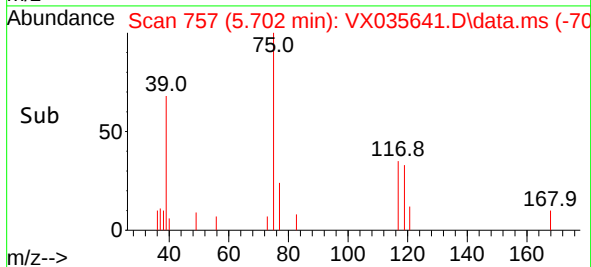
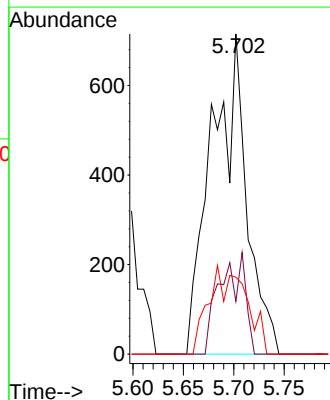
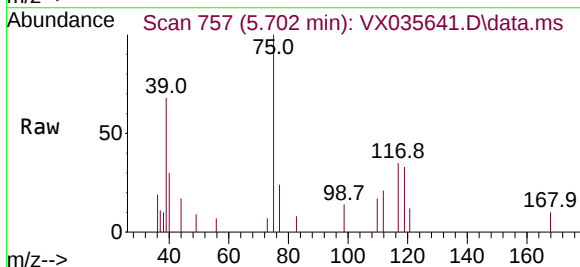
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

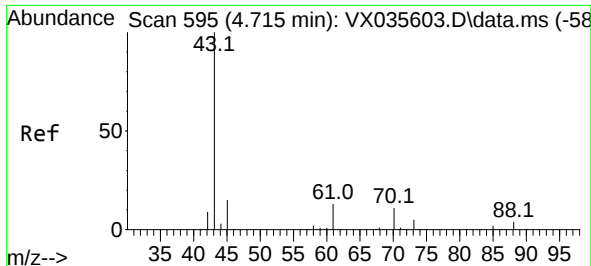
Tgt Ion:113 Resp: 124128
Ion Ratio Lower Upper
113 100
111 100.6 83.7 125.5
192 16.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 0.436 ug/l m
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 75 Resp: 1737
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.5#
77 13.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 0.544 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

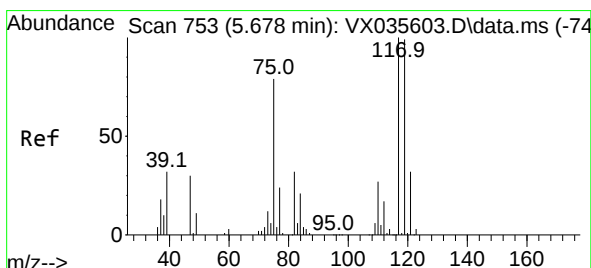
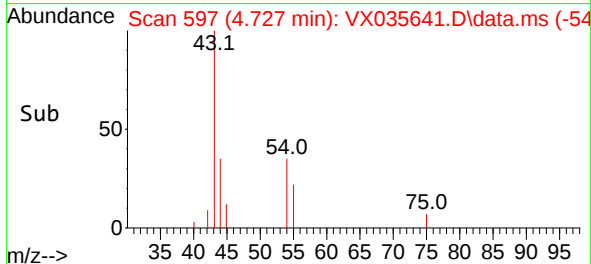
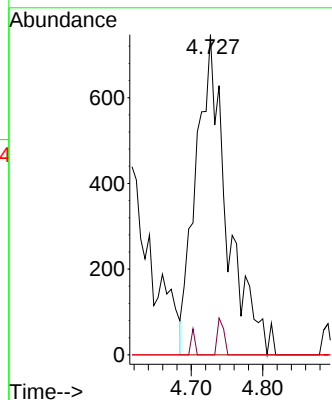
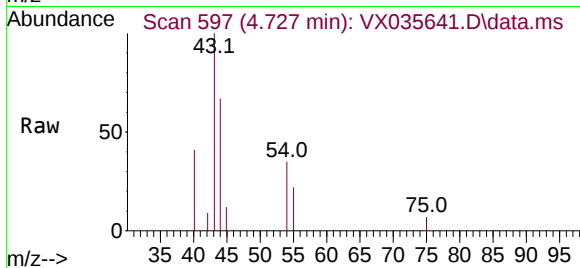
Tgt Ion: 43 Resp: 2262

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 0.361 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

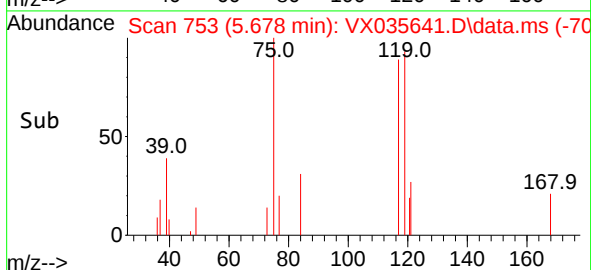
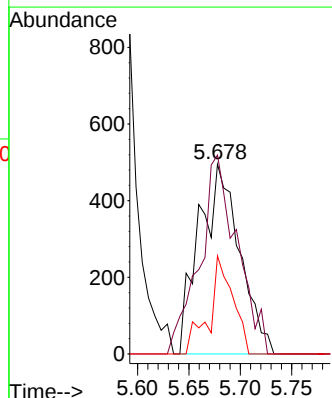
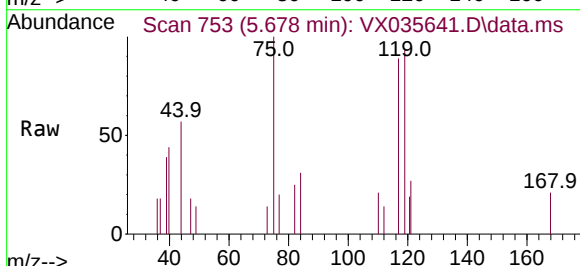
Tgt Ion: 117 Resp: 1364

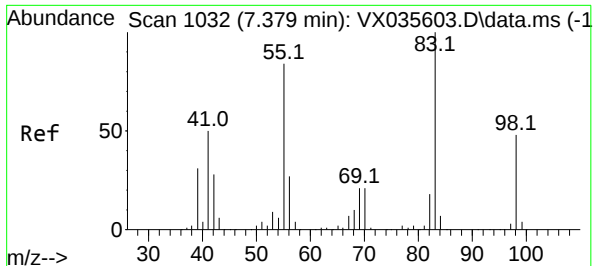
Ion Ratio Lower Upper

117 100

119 104.8 76.6 114.8

121 51.7 23.8 35.6#

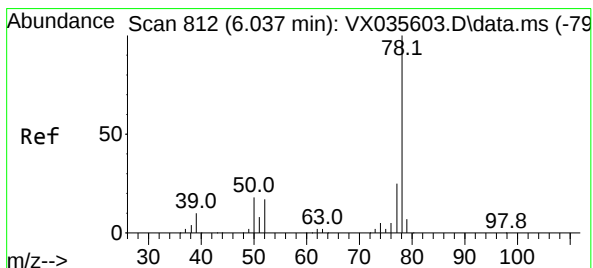
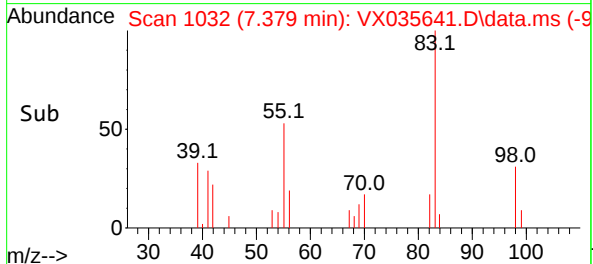
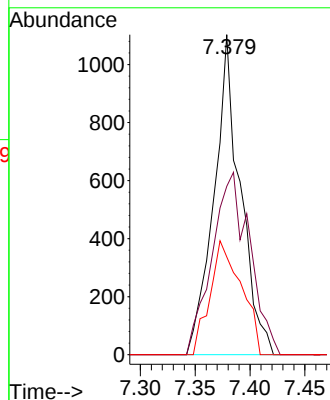
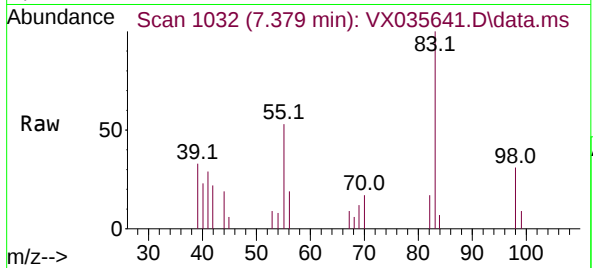




#39
Methylcyclohexane
Concen: 0.393 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

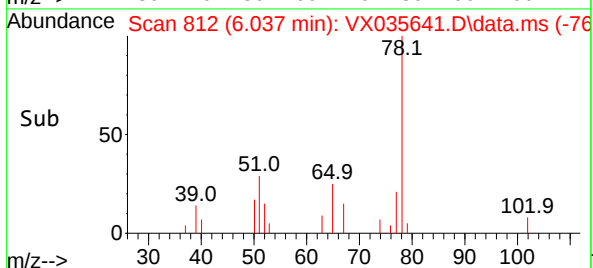
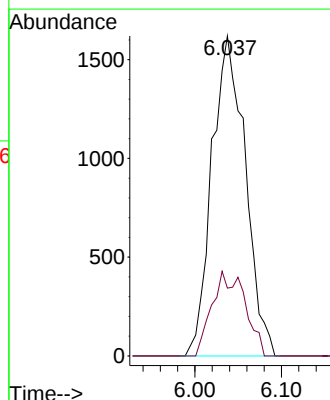
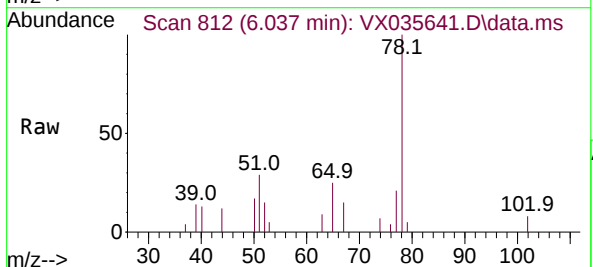
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 83 Resp: 1844
Ion Ratio Lower Upper
83 100
55 52.6 60.5 90.7#
98 30.6 40.4 60.6#



#40
Benzene
Concen: 0.390 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

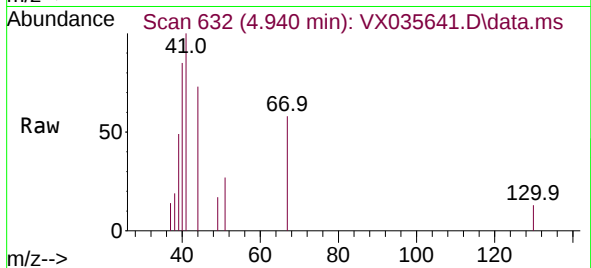
Tgt Ion: 78 Resp: 4344
Ion Ratio Lower Upper
78 100
77 21.2 19.0 28.4



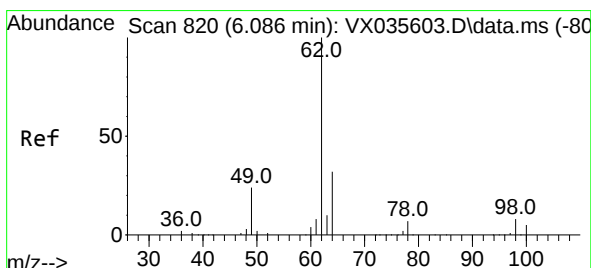
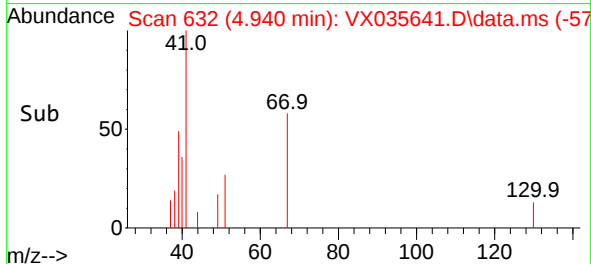
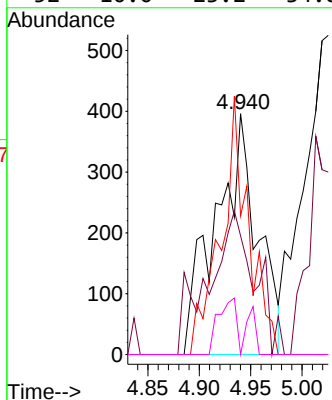


#41
Methacrylonitrile
Concen: 0.457 ug/l
RT: 4.940 min Scan# 611
Delta R.T. 0.024 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

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

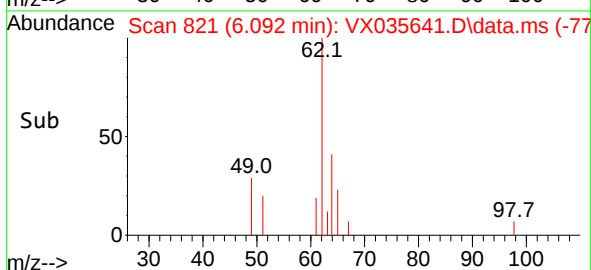
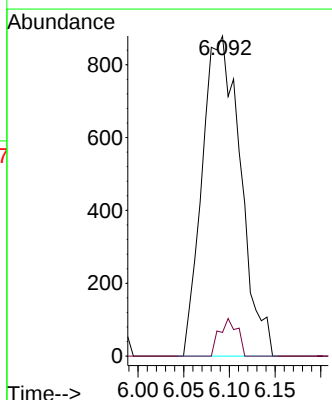
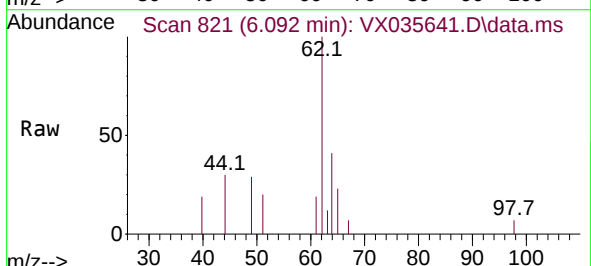


Tgt Ion: 41	Resp: 1127
Ion Ratio	Lower Upper
41 100	
39 56.1	45.0 67.6
67 70.1	55.6 83.4
52 10.0	23.2 34.8#



#42
1,2-Dichloroethane
Concen: 0.533 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 62	Resp: 2556
Ion Ratio	Lower Upper
62 100	
98 5.6	0.0 18.0





#43

Isopropyl Acetate

Concen: 0.411 ug/l

RT: 6.354 min Scan# 861

Delta R.T. 0.018 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

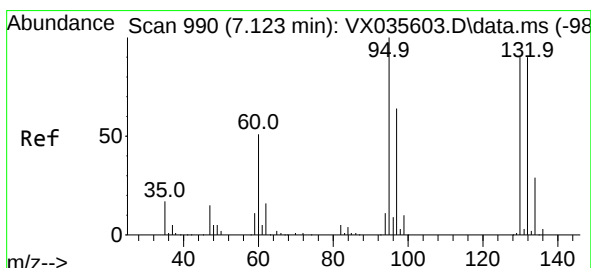
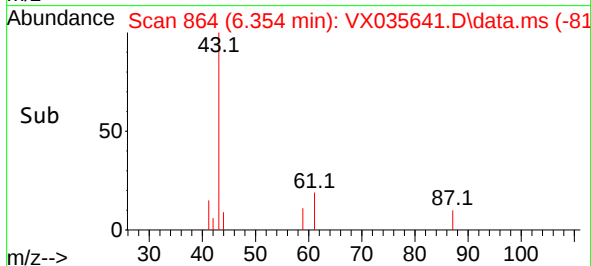
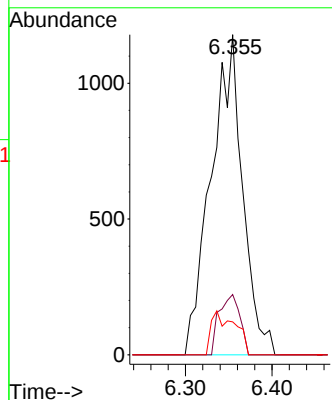
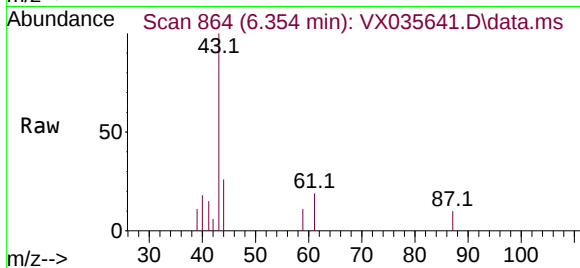
Tgt Ion: 43 Resp: 2979

Ion Ratio Lower Upper

43 100

61 12.4 15.2 22.8#

87 10.3 9.8 14.8



#44

Trichloroethene

Concen: 0.379 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX035641.D

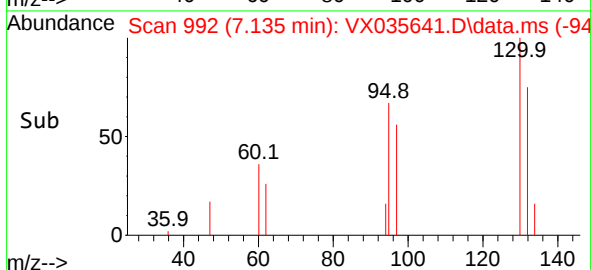
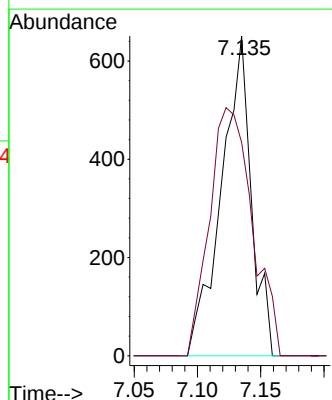
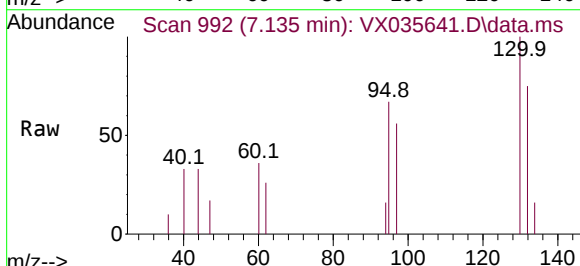
Acq: 12 May 2023 16:27

Tgt Ion:130 Resp: 1070

Ion Ratio Lower Upper

130 100

95 66.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 0.370 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

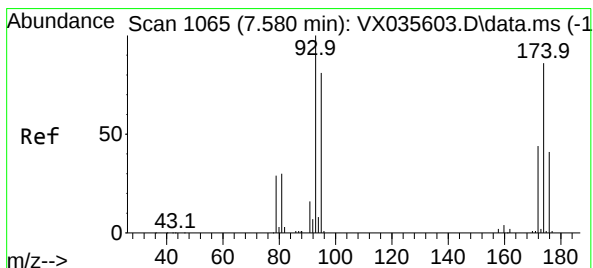
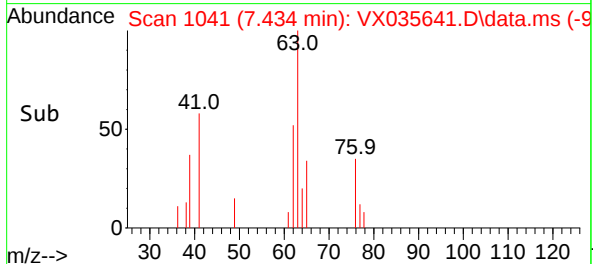
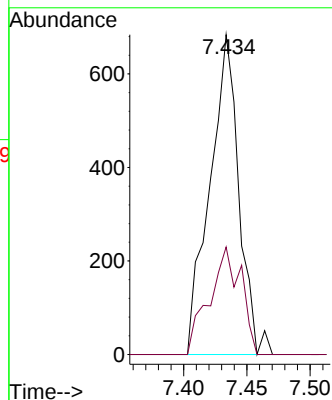
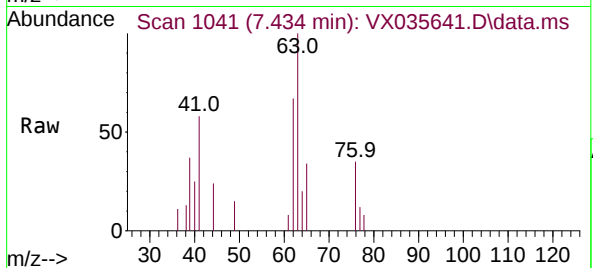
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 63 Resp: 1091

Ion Ratio Lower Upper

63 100

65 33.6 24.6 37.0



#46

Dibromomethane

Concen: 0.388 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

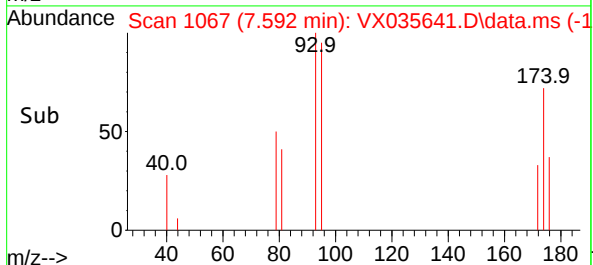
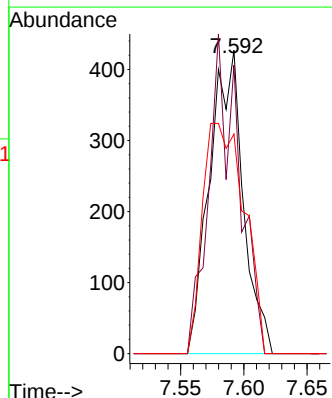
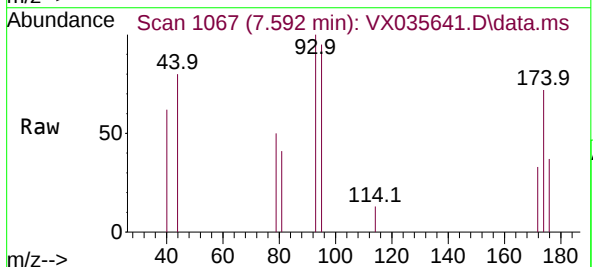
Tgt Ion: 93 Resp: 785

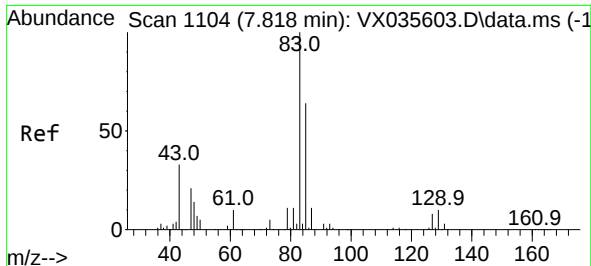
Ion Ratio Lower Upper

93 100

95 95.0 66.9 100.3

174 94.8 75.4 113.0

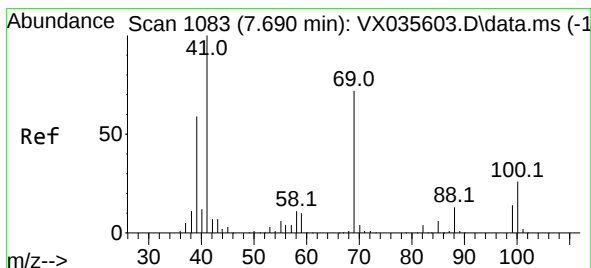
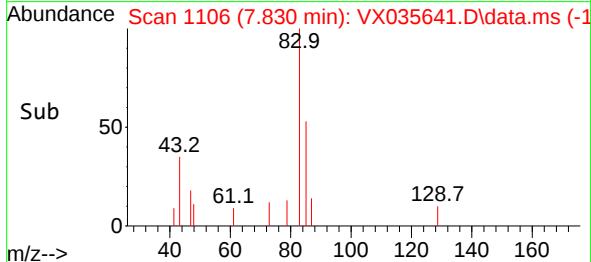
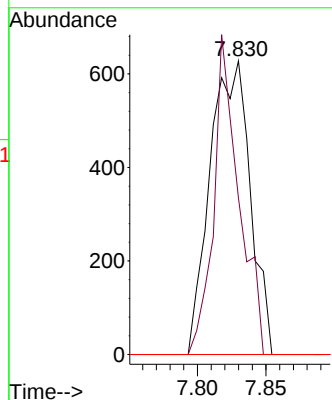
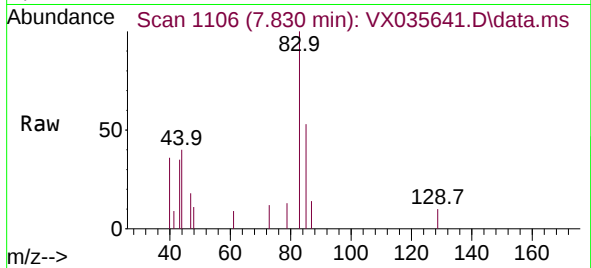




#47
Bromodichloromethane
Concen: 0.328 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

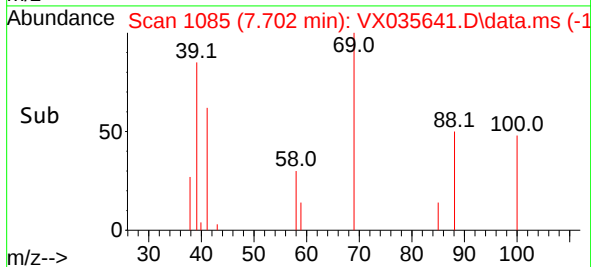
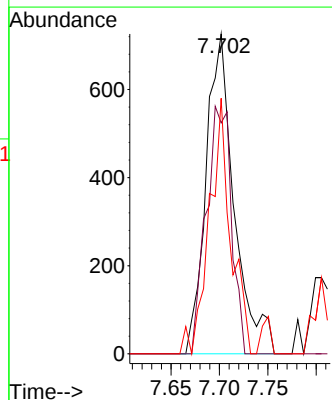
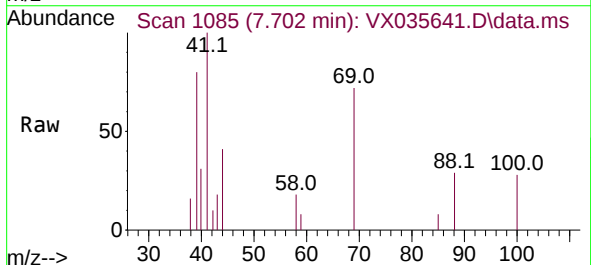
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

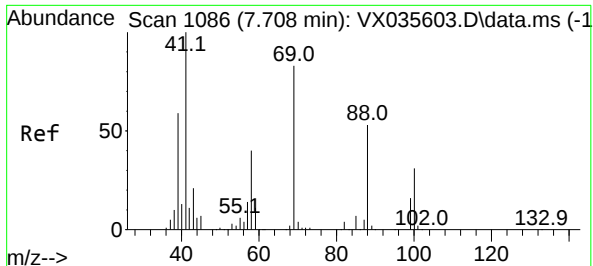
Tgt Ion: 83 Resp: 1282
Ion Ratio Lower Upper
83 100
85 53.3 52.2 78.4
127 0.0 6.6 9.8#



#48
Methyl methacrylate
Concen: 0.412 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 41 Resp: 1475
Ion Ratio Lower Upper
41 100
69 68.9 62.2 93.4
39 60.4 47.7 71.5





#49

1,4-Dioxane

Concen: 15.379 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.018 min

Lab File: VX035641.D

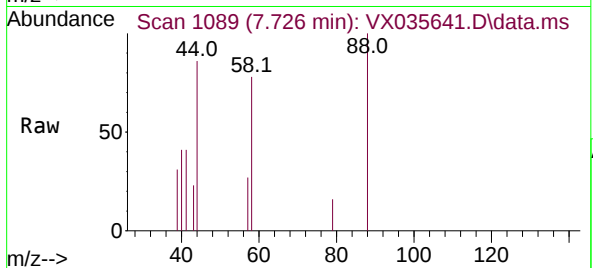
Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



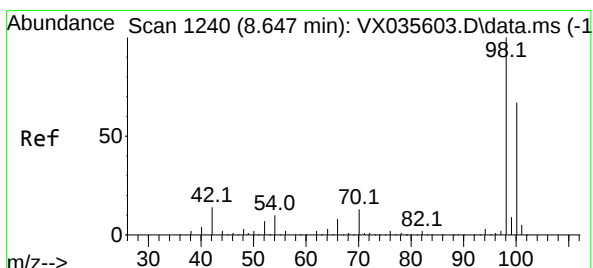
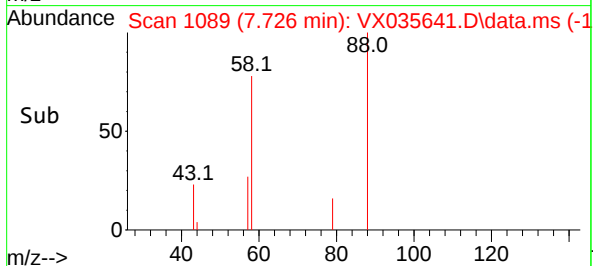
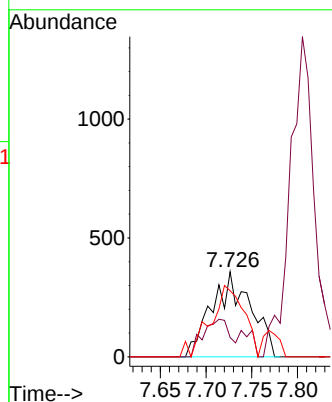
Tgt Ion: 88 Resp: 1061

Ion Ratio Lower Upper

88 100

43 30.4 27.7 41.5

58 71.9 56.8 85.2



#50

Toluene-d8

Concen: 47.737 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035641.D

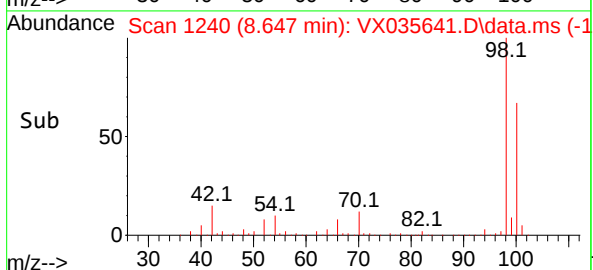
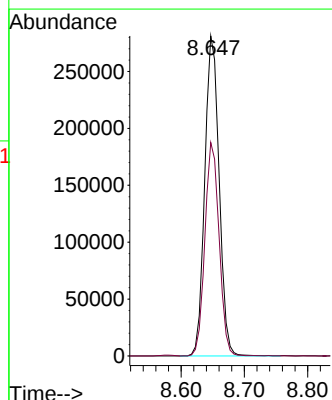
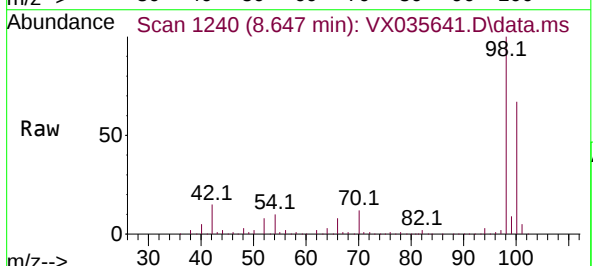
Acq: 12 May 2023 16:27

Tgt Ion: 98 Resp: 445180

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

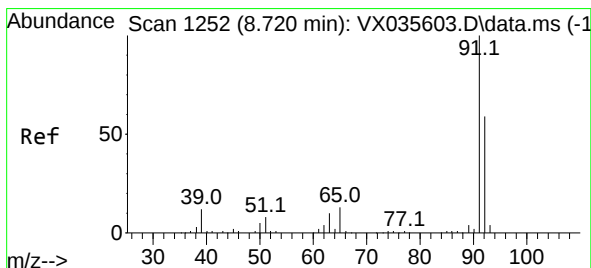
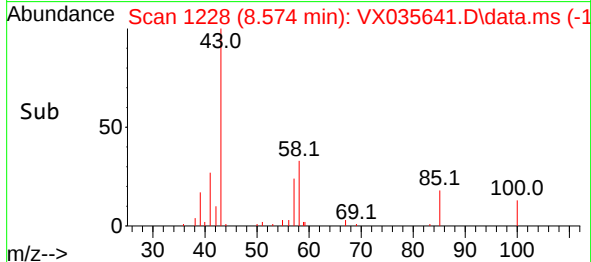
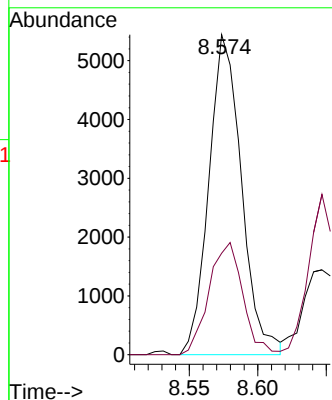
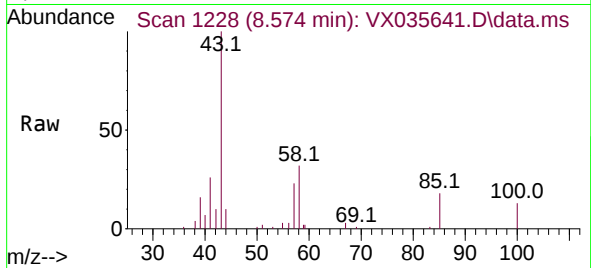




#51
4-Methyl-2-Pentanone
Concen: 2.158 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

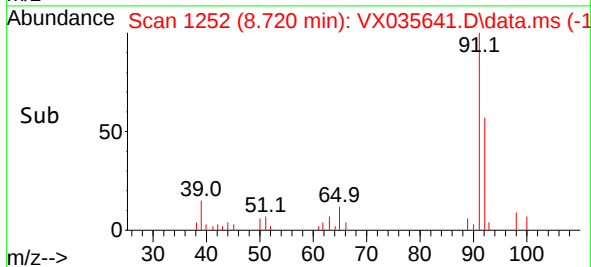
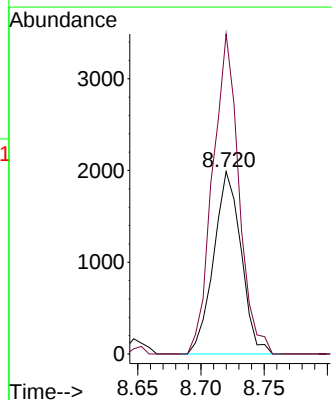
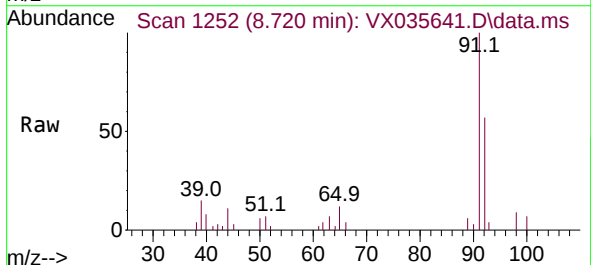
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

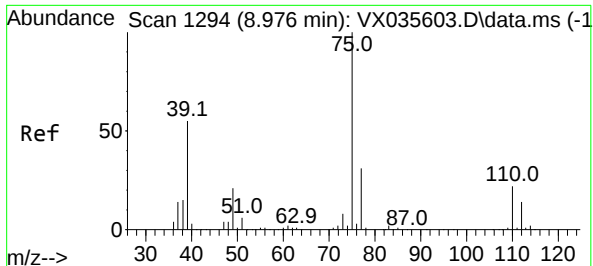
Tgt Ion: 43 Resp: 9010
Ion Ratio Lower Upper
43 100
58 36.5 30.6 46.0



#52
Toluene
Concen: 0.426 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 92 Resp: 2997
Ion Ratio Lower Upper
92 100
91 167.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 0.291 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

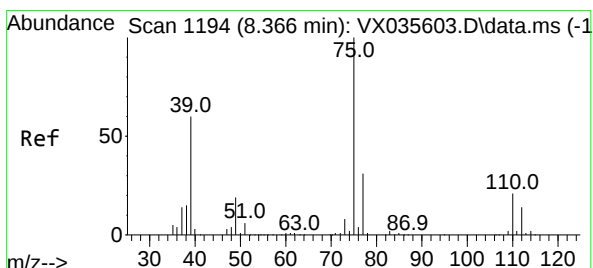
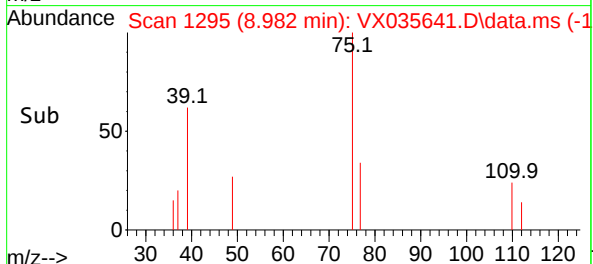
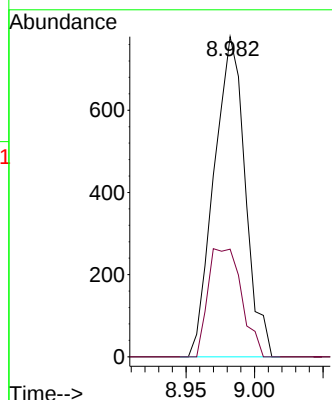
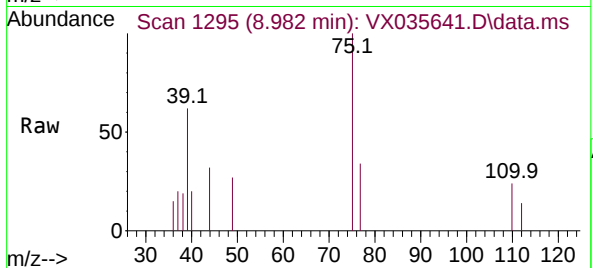
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 75 Resp: 1233

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.310 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

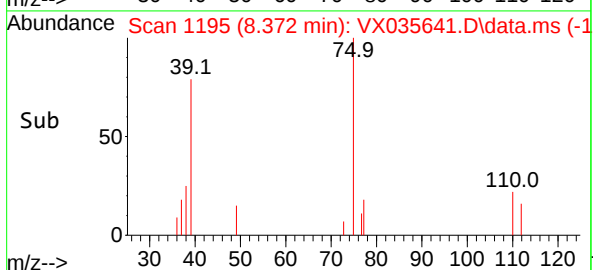
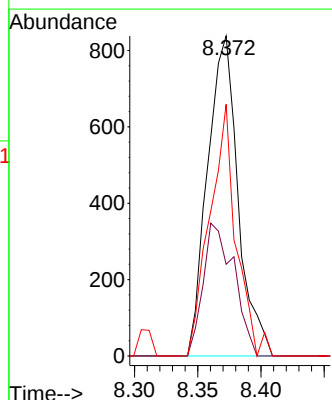
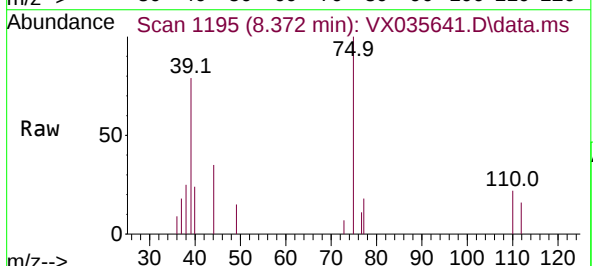
Tgt Ion: 75 Resp: 1409

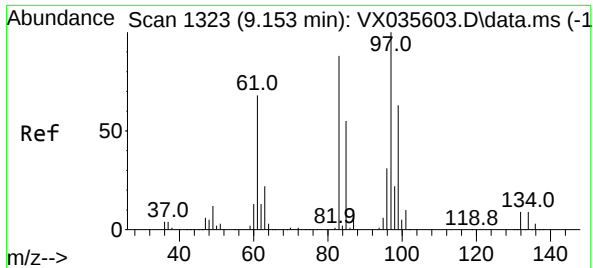
Ion Ratio Lower Upper

75 100

77 28.6 25.0 37.4

39 78.6 44.6 66.8#

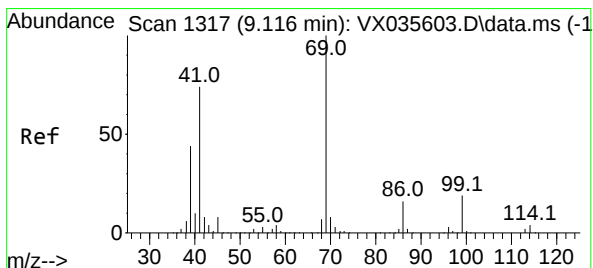
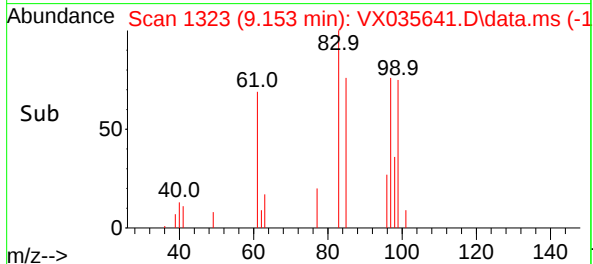
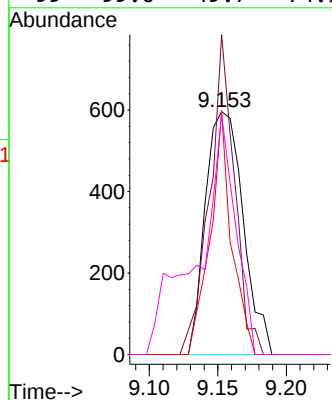
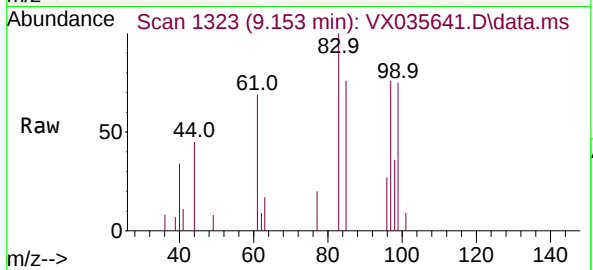




#55
1,1,2-Trichloroethane
Concen: 0.413 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

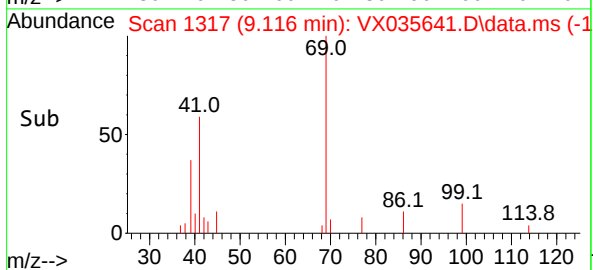
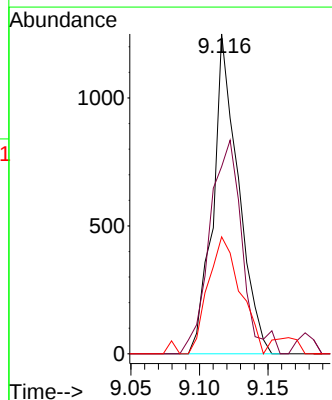
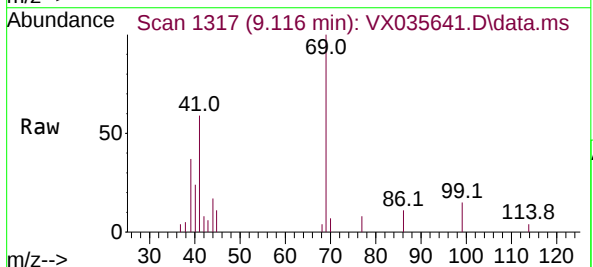
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

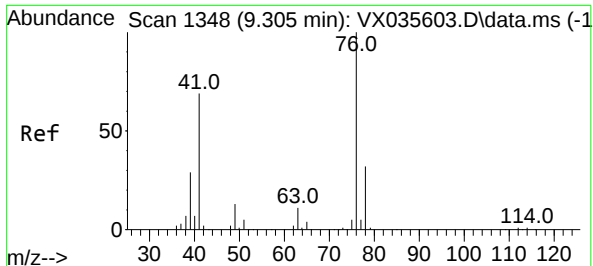
Tgt Ion:	97	Resp:	1142
Ion	Ratio	Lower	Upper
97	100		
83	131.7	69.7	104.5#
85	100.5	43.7	65.5#
99	99.0	49.7	74.5#



#56
Ethyl methacrylate
Concen: 0.359 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion:	69	Resp:	1605
Ion	Ratio	Lower	Upper
69	100		
41	85.3	57.4	86.0
39	46.9	33.7	50.5





#57

1,3-Dichloropropane

Concen: 0.410 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

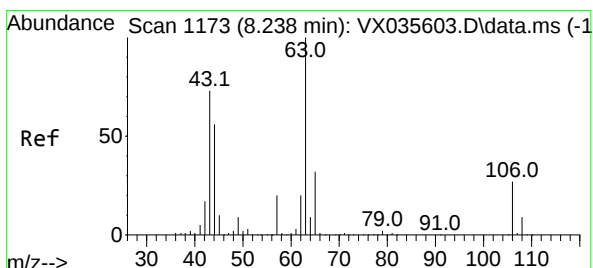
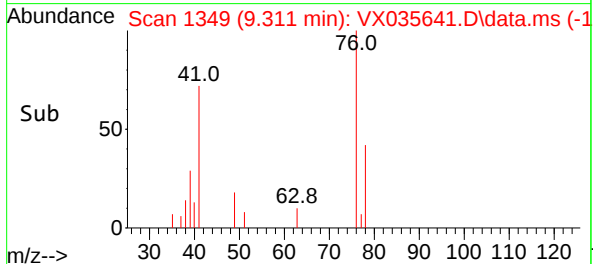
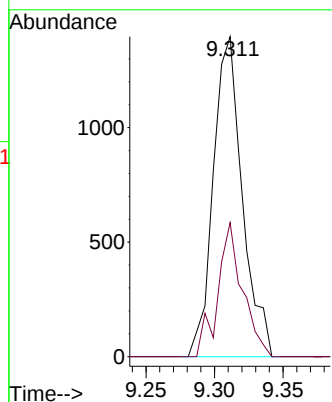
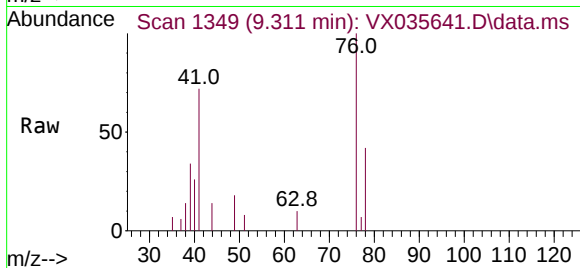
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 76 Resp: 2056

Ion Ratio Lower Upper

76 100

78 35.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 2.174 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035641.D

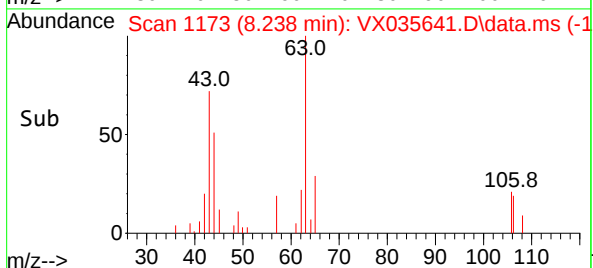
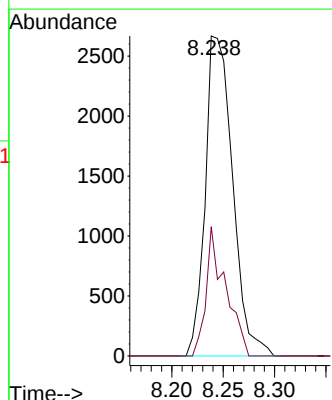
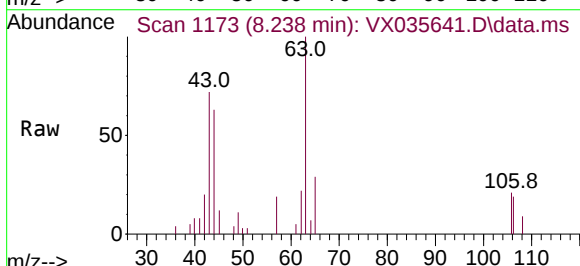
Acq: 12 May 2023 16:27

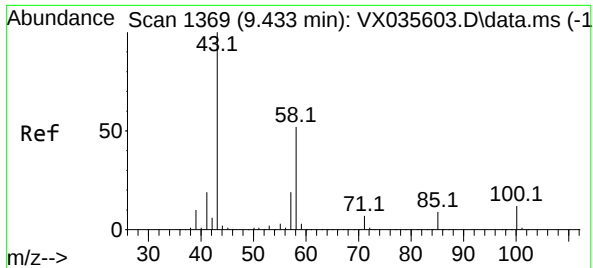
Tgt Ion: 63 Resp: 4950

Ion Ratio Lower Upper

63 100

106 28.8 22.2 33.2





#59

2-Hexanone

Concen: 2.076 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

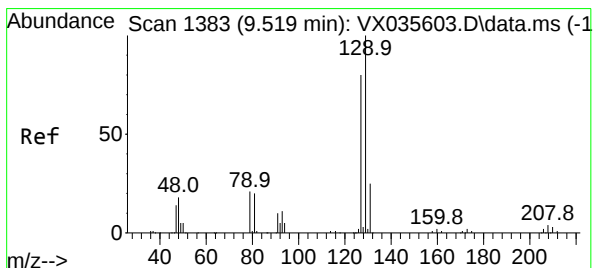
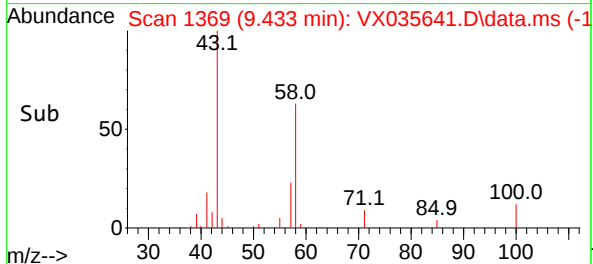
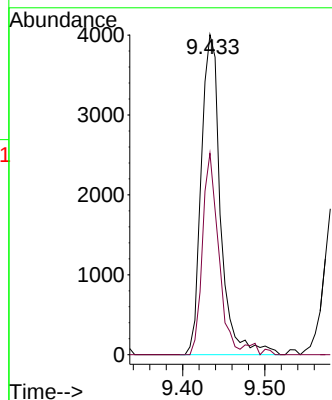
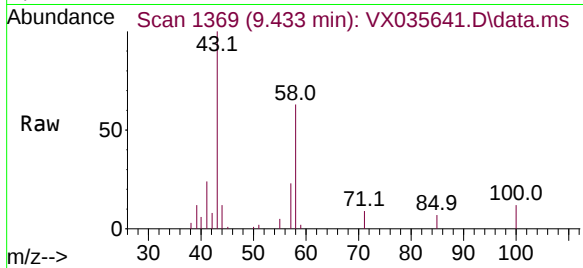
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 43 Resp: 6528

Ion Ratio Lower Upper

43 100

58 52.3 26.3 78.9



#60

Dibromochloromethane

Concen: 0.283 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX035641.D

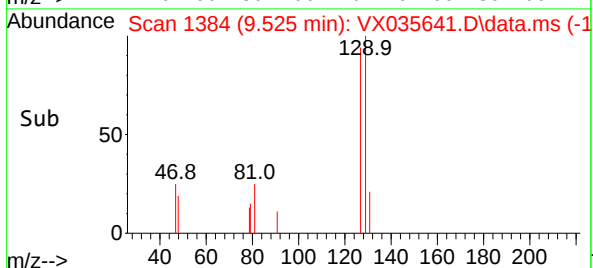
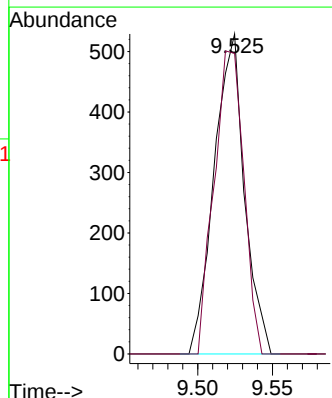
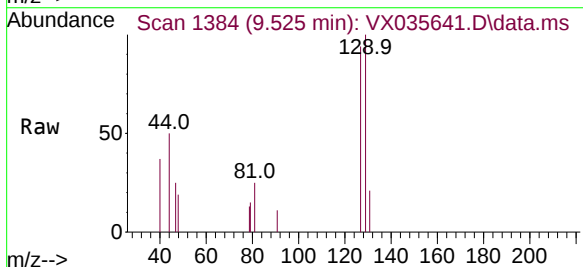
Acq: 12 May 2023 16:27

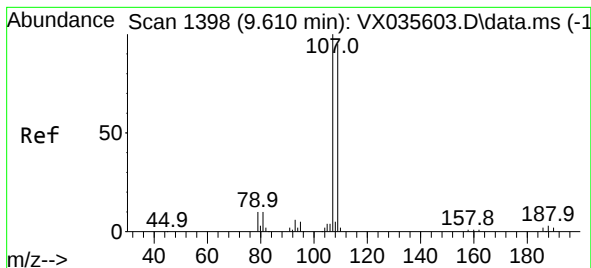
Tgt Ion: 129 Resp: 745

Ion Ratio Lower Upper

129 100

127 92.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 0.341 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

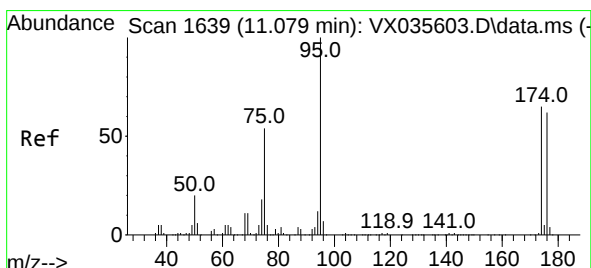
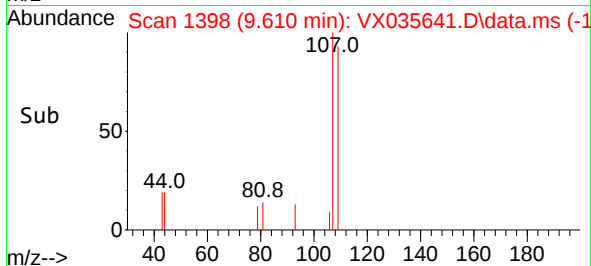
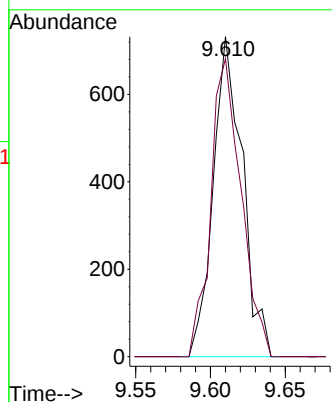
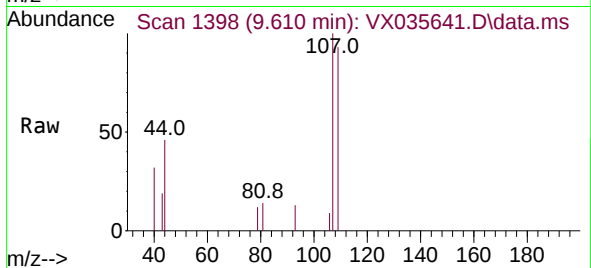
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:107 Resp: 994

Ion Ratio Lower Upper

107 100

109 96.8 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 45.587 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

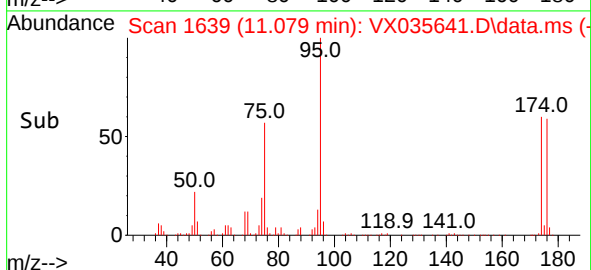
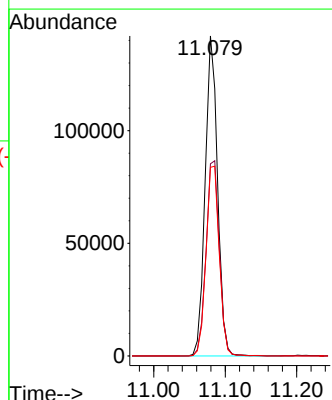
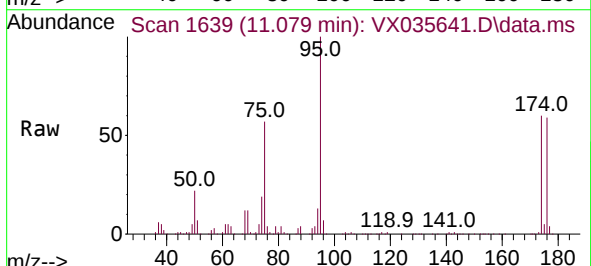
Tgt Ion: 95 Resp: 171175

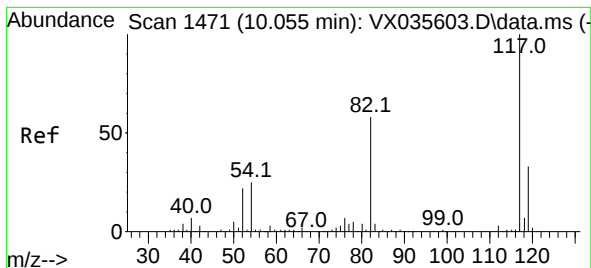
Ion Ratio Lower Upper

95 100

174 65.6 0.0 147.4

176 63.5 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: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

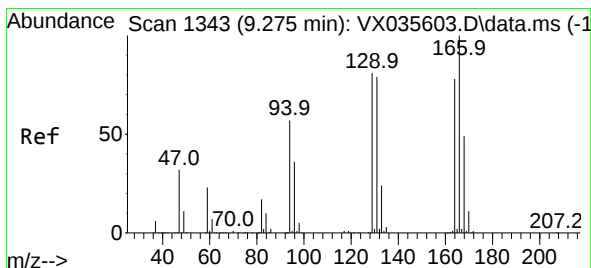
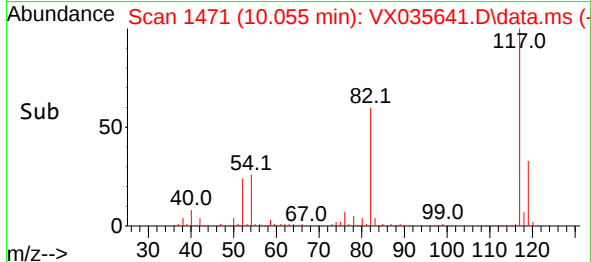
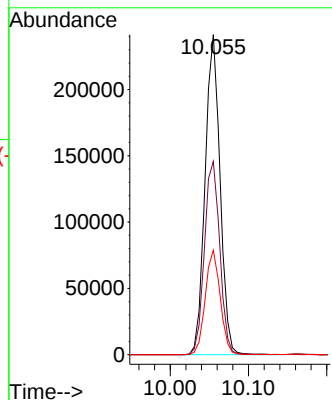
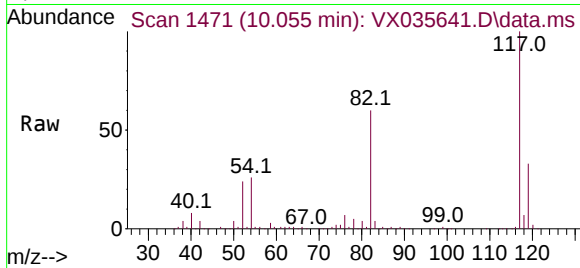
Tgt Ion:117 Resp: 319858

Ion Ratio Lower Upper

117 100

82 60.4 45.0 67.4

119 32.7 26.0 39.0



#64

Tetrachloroethene

Concen: 0.430 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Tgt Ion:164 Resp: 927

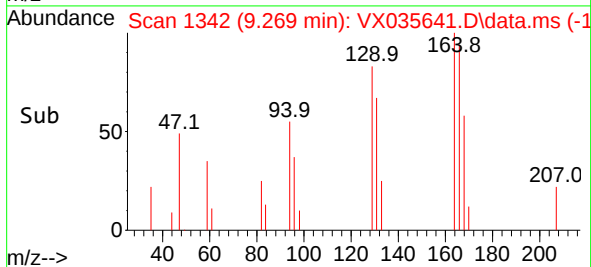
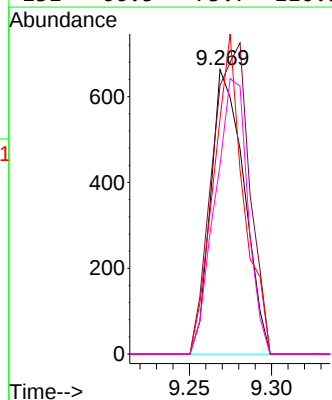
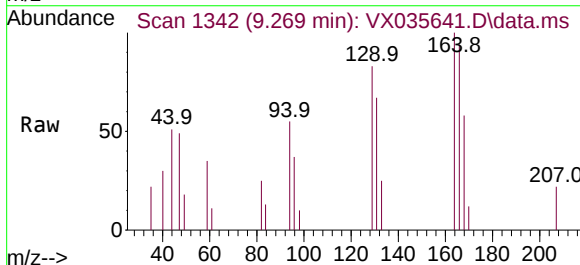
Ion Ratio Lower Upper

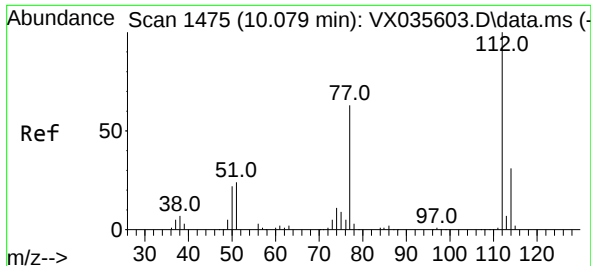
164 100

166 94.4 102.7 154.1#

129 82.8 75.6 113.4

131 66.5 73.7 110.5#

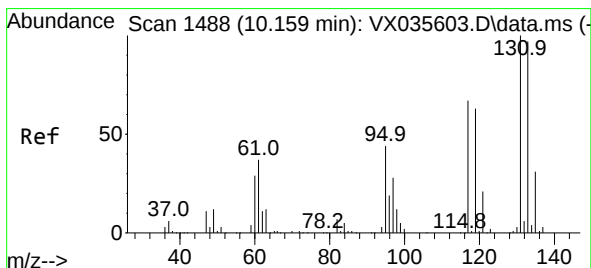
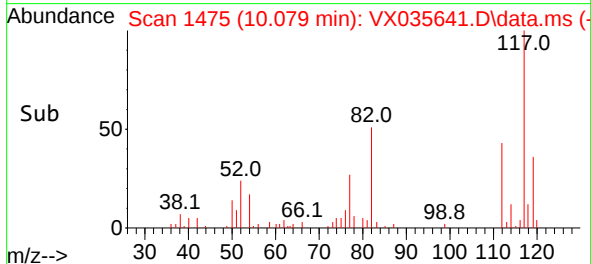
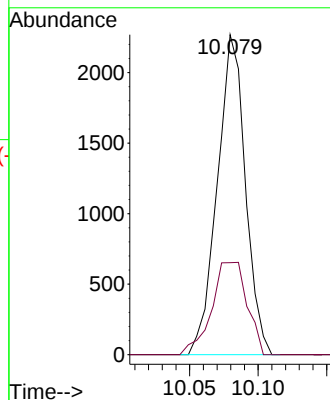
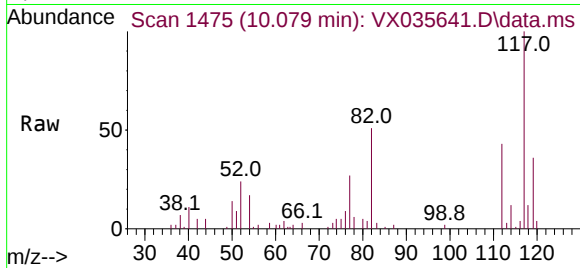




#65
Chlorobenzene
Concen: 0.463 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

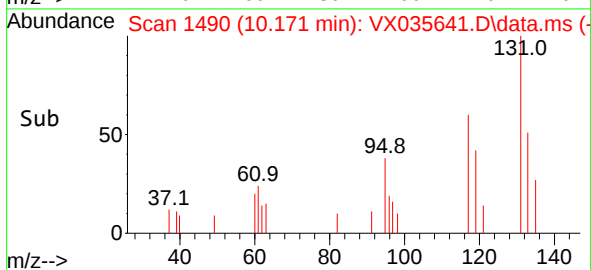
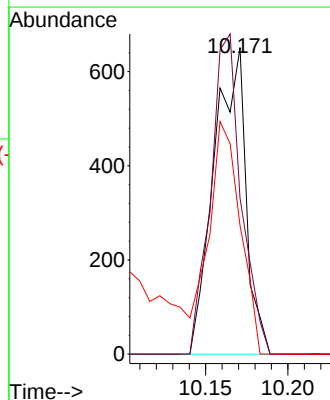
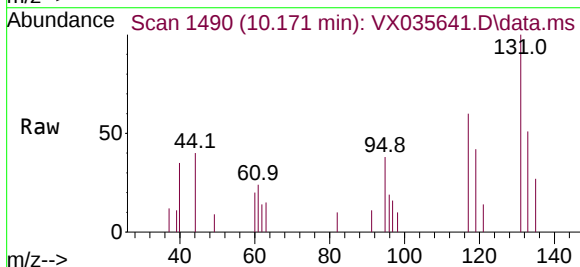
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

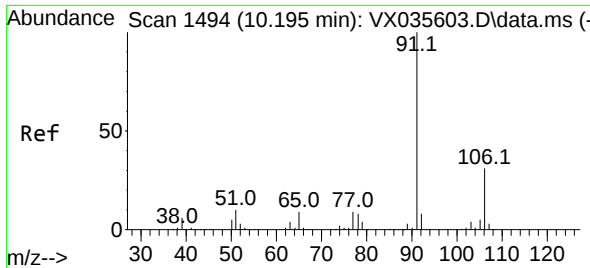
Tgt Ion:112 Resp: 3234
Ion Ratio Lower Upper
112 100
114 28.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.356 ug/l
RT: 10.171 min Scan# 1490
Delta R.T. 0.012 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion:131 Resp: 878
Ion Ratio Lower Upper
131 100
133 99.7 47.1 141.4
119 0.0 32.6 98.0#

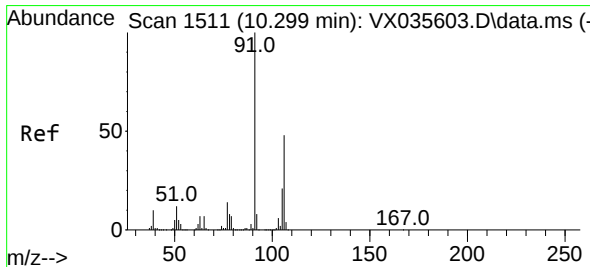
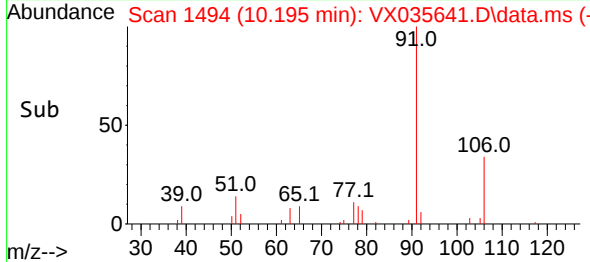
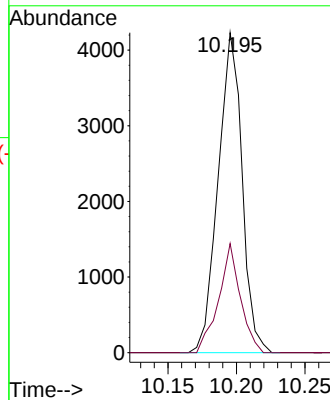
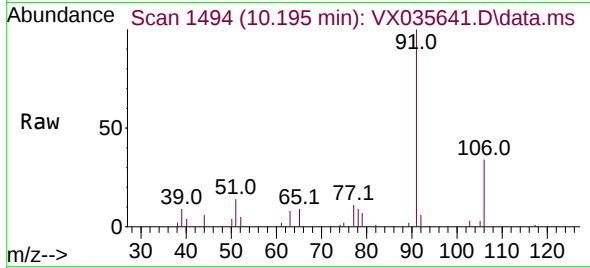




#67
Ethyl Benzene
Concen: 0.390 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

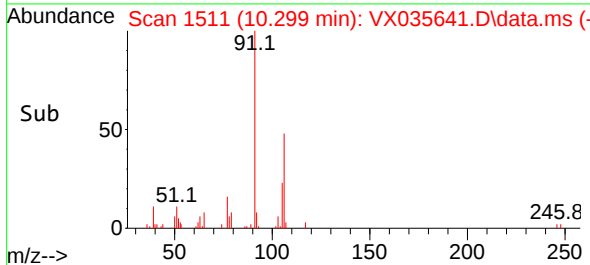
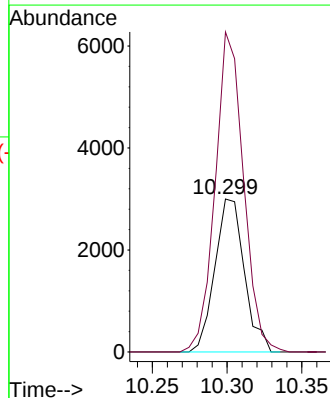
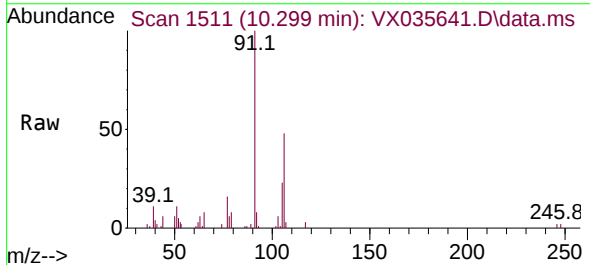
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

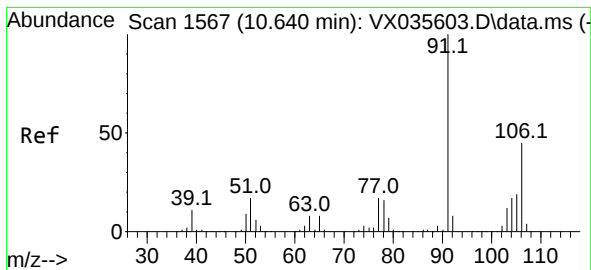
Tgt Ion: 91 Resp: 5125
Ion Ratio Lower Upper
91 100
106 34.1 25.6 38.4



#68
m/p-Xylenes
Concen: 0.847 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 106 Resp: 4113
Ion Ratio Lower Upper
106 100
91 201.3 164.0 246.0





#69

o-Xylene

Concen: 0.397 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

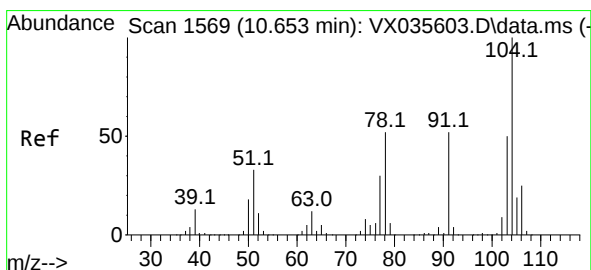
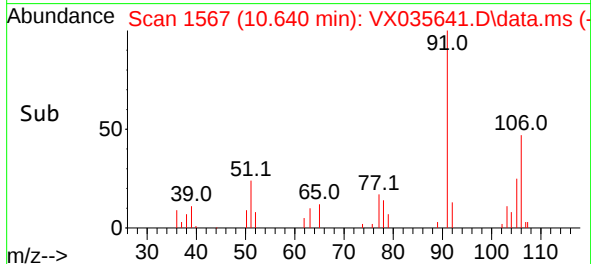
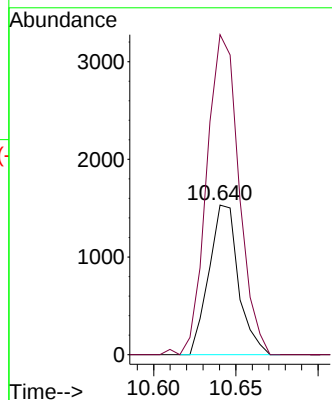
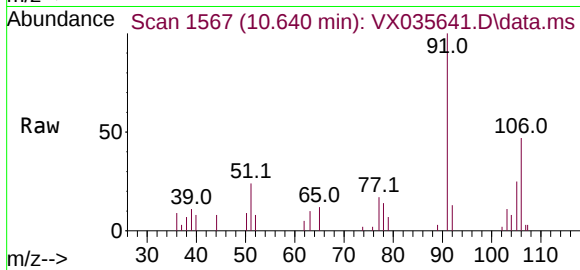
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:106 Resp: 1912

Ion Ratio Lower Upper

106 100

91 234.0 108.5 325.3



#70

Styrene

Concen: 0.346 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

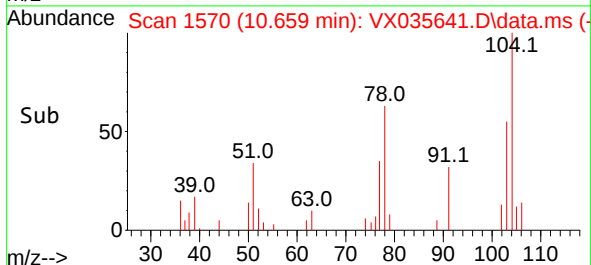
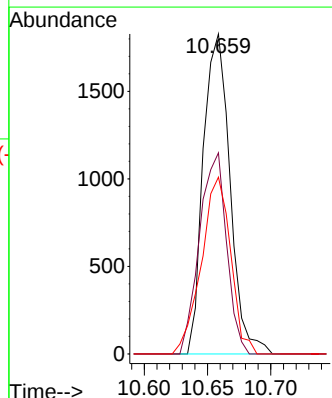
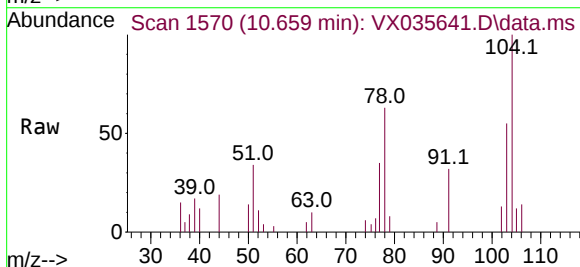
Tgt Ion:104 Resp: 2688

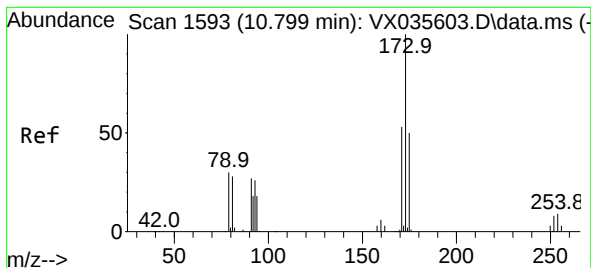
Ion Ratio Lower Upper

104 100

78 63.6 43.4 65.2

103 60.4 44.2 66.2





#71

Bromoform

Concen: 0.283 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035641.D

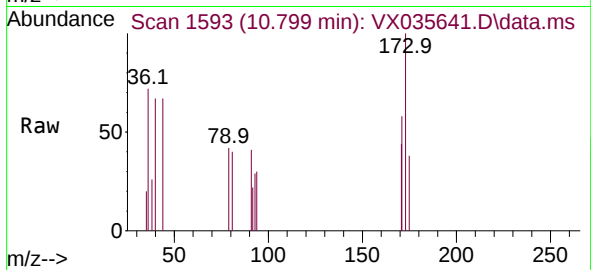
Acq: 12 May 2023 16:27

Instrument :

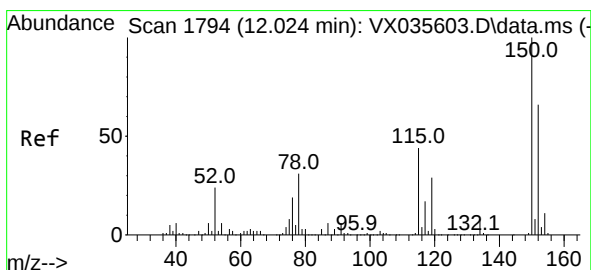
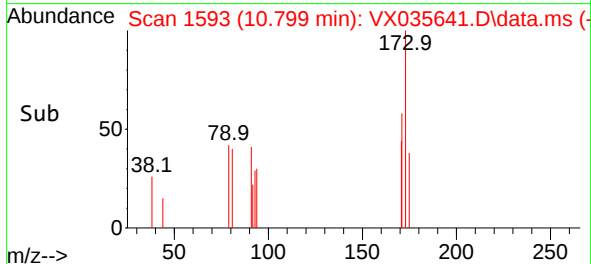
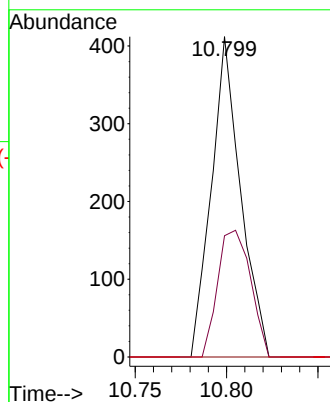
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



Tgt Ion:	173	Resp:	459
Ion Ratio	Lower	Upper	
173	100		
175	44.4	24.1	72.4
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

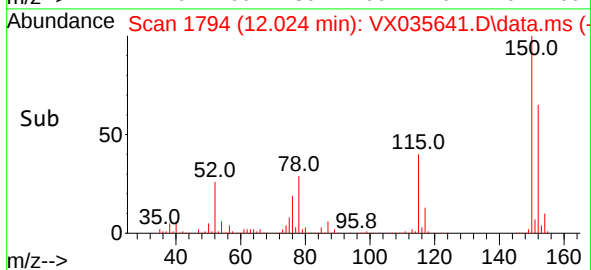
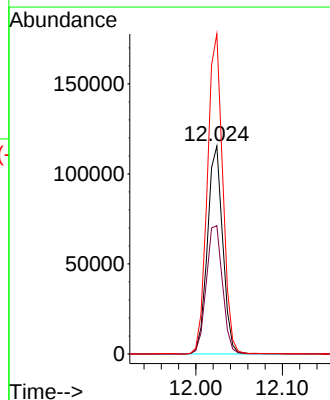
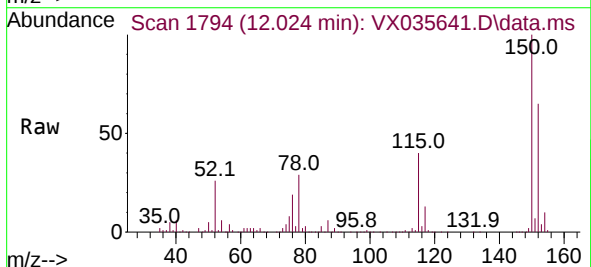
RT: 12.024 min Scan# 1794

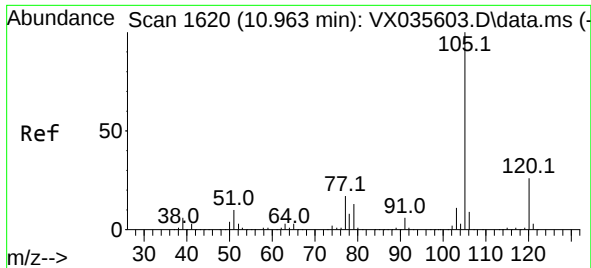
Delta R.T. 0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Tgt Ion:	152	Resp:	141322
Ion Ratio	Lower	Upper	
152	100		
115	65.5	45.0	135.0
150	155.2	0.0	352.4

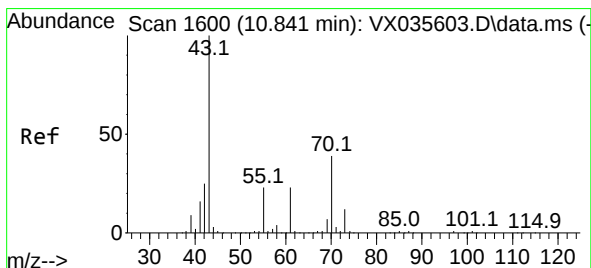
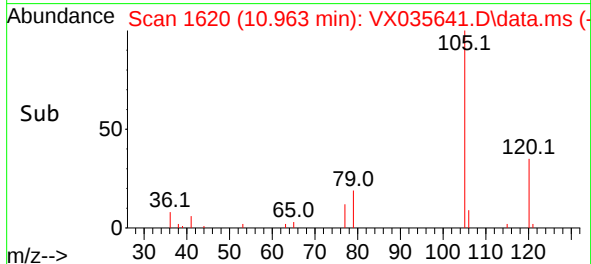
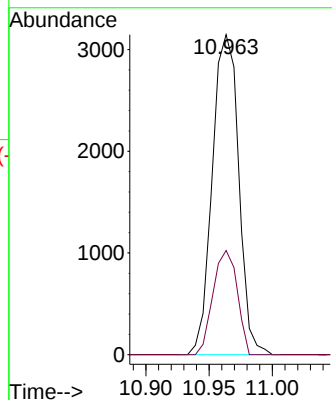
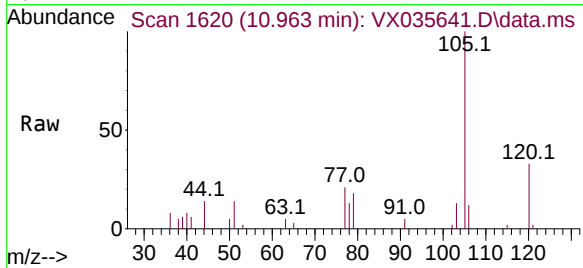




#73
Isopropylbenzene
Concen: 0.383 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

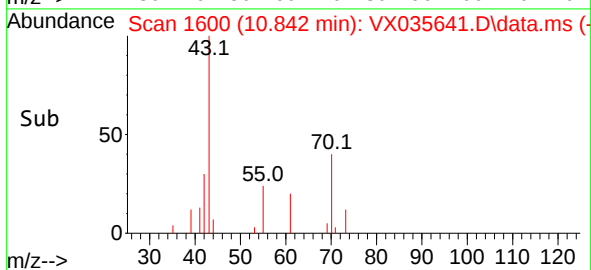
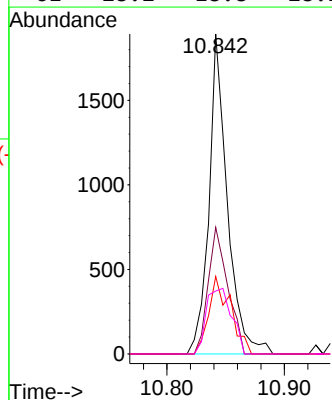
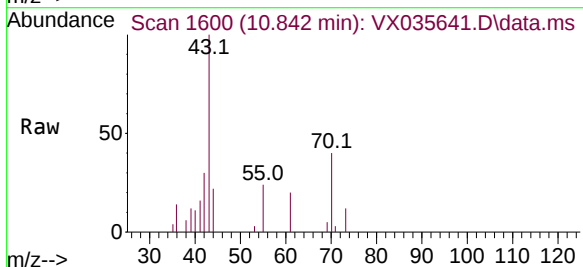
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 4562
Ion Ratio Lower Upper
105 100
120 29.7 13.3 39.9



#74
N-ethyl acetate
Concen: 0.370 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
70 42.2 32.1 48.1
55 28.7 18.3 27.5#
61 28.2 18.8 28.2#

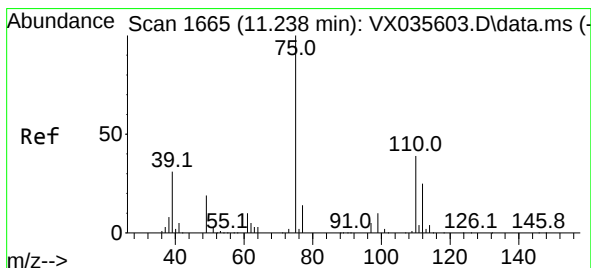
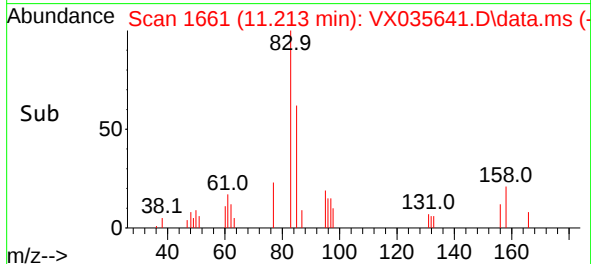
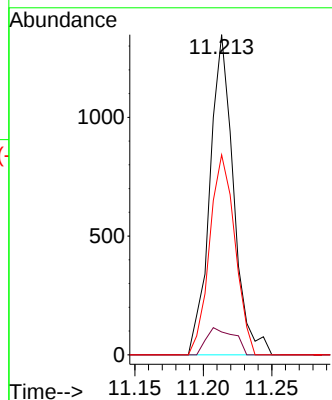
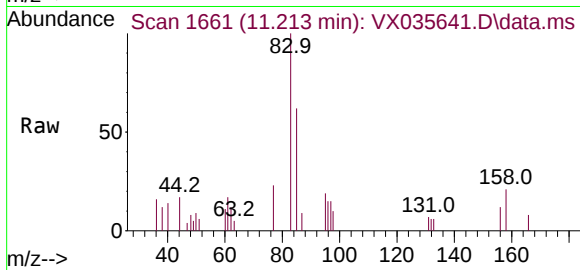




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.420 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX035641.D
 Acq: 12 May 2023 16:27

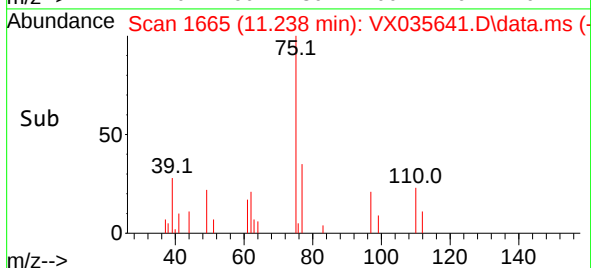
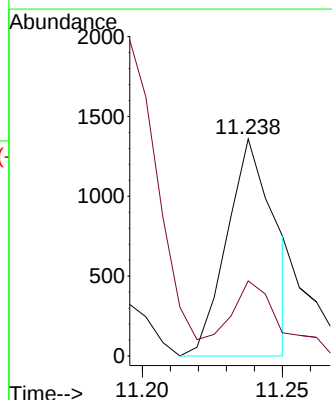
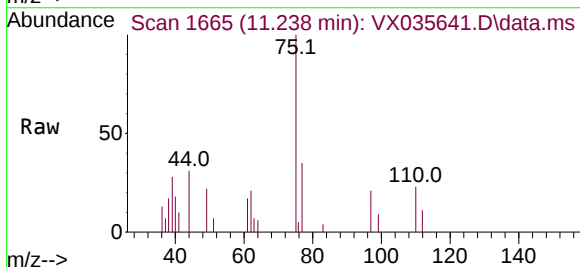
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023

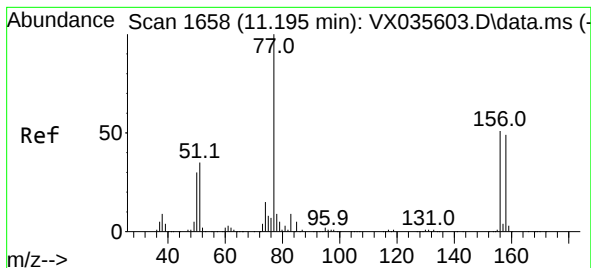
Tgt Ion: 83 Resp: 1622
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.3
 85 66.8 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 0.466 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX035641.D
 Acq: 12 May 2023 16:27

Tgt Ion: 75 Resp: 1610
 Ion Ratio Lower Upper
 75 100
 77 64.4 21.6 64.8





#77

Bromobenzene

Concen: 0.430 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

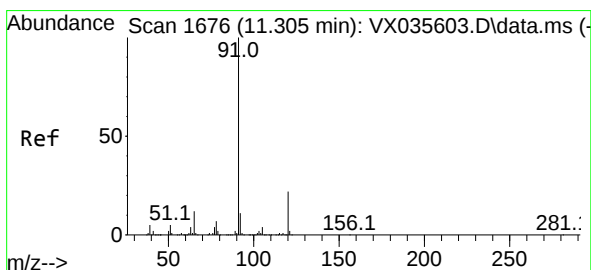
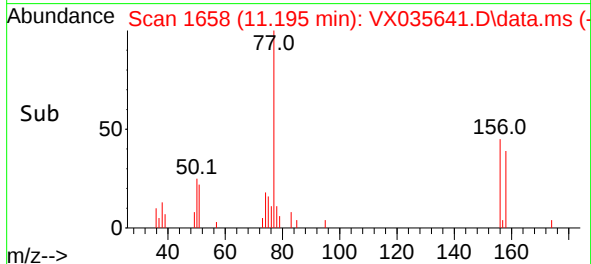
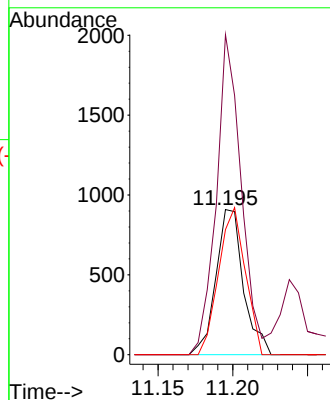
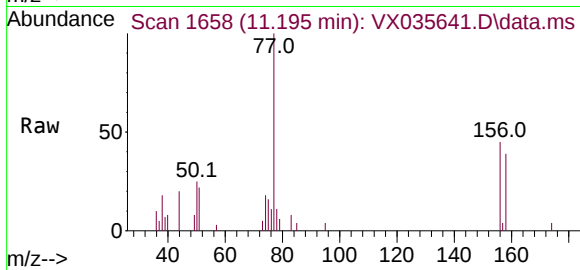
Tgt Ion:156 Resp: 1163

Ion Ratio Lower Upper

156 100

77 199.0 86.7 259.9

158 97.9 48.0 144.0



#78

n-propylbenzene

Concen: 0.382 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035641.D

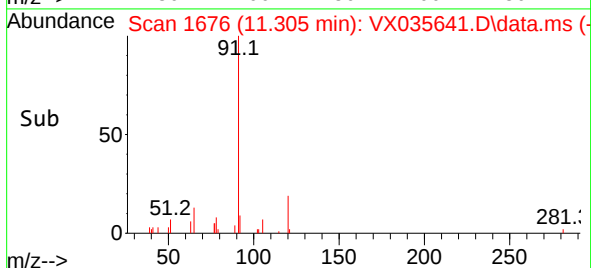
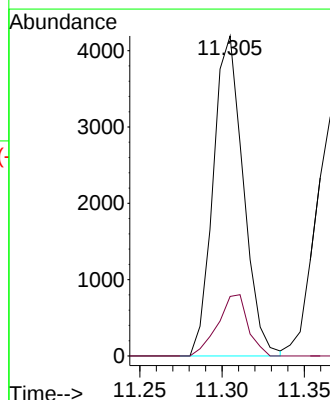
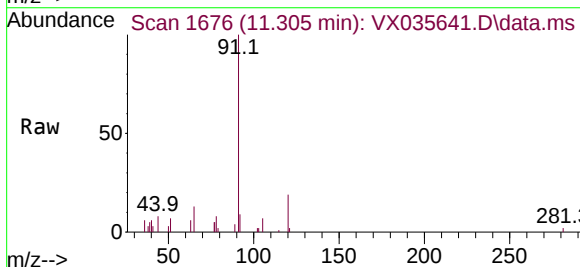
Acq: 12 May 2023 16:27

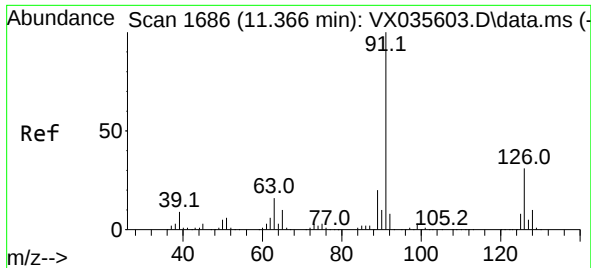
Tgt Ion: 91 Resp: 5341

Ion Ratio Lower Upper

91 100

120 19.2 11.5 34.5

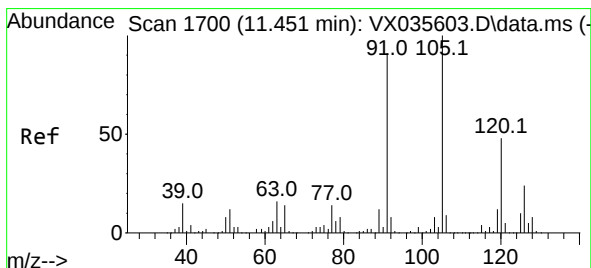
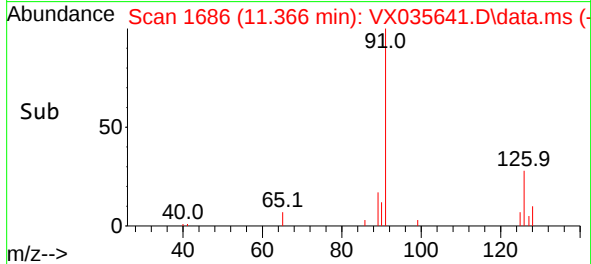
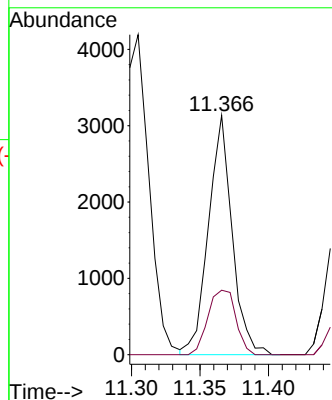
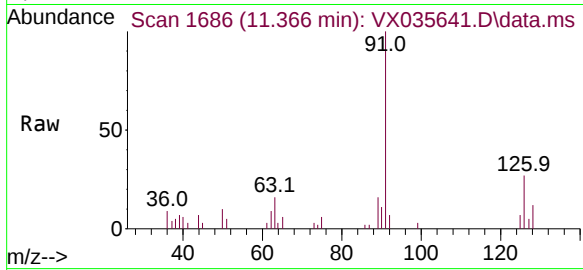




#79
2-Chlorotoluene
Concen: 0.430 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

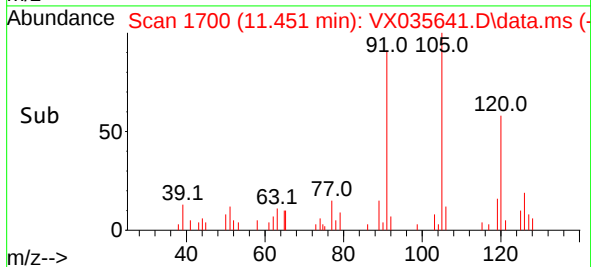
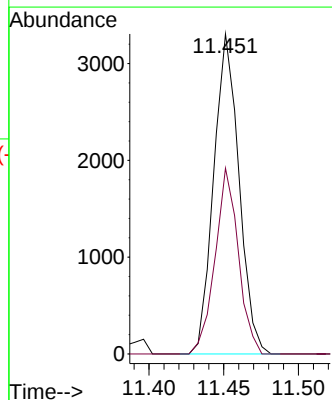
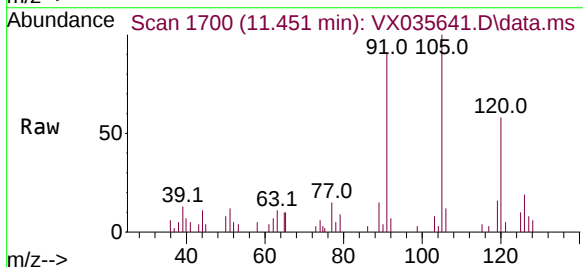
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 91 Resp: 3767
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 0.383 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 105 Resp: 3879
Ion Ratio Lower Upper
105 100
120 53.5 23.7 71.1

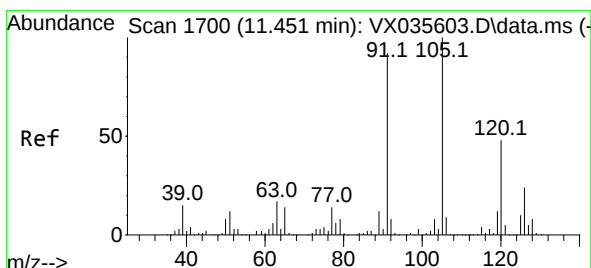
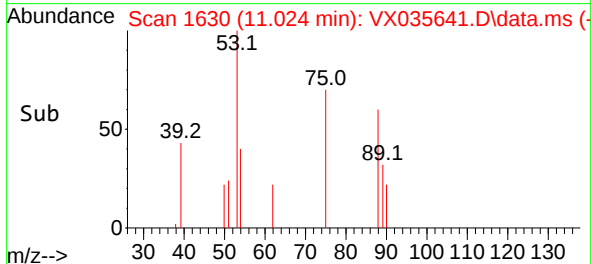
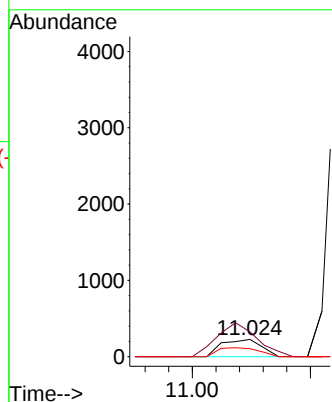
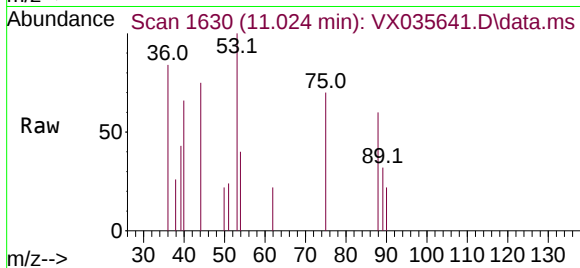




#81
trans-1,4-Dichloro-2-butene
Concen: 0.245 ug/l m
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

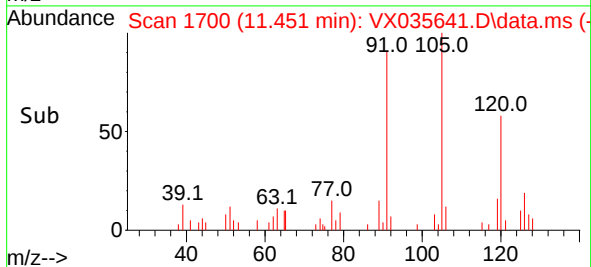
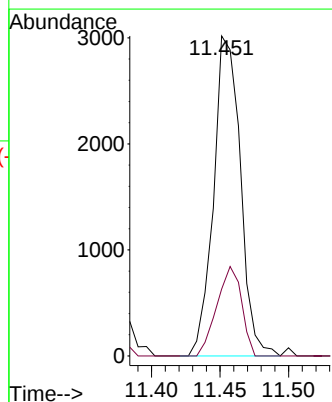
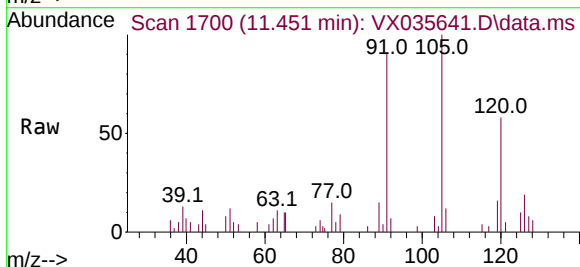
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

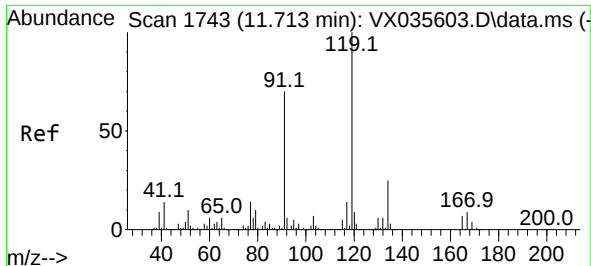
Tgt Ion: 75 Resp: 263
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.407 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion: 91 Resp: 4109
Ion Ratio Lower Upper
91 100
126 25.7 14.2 42.6

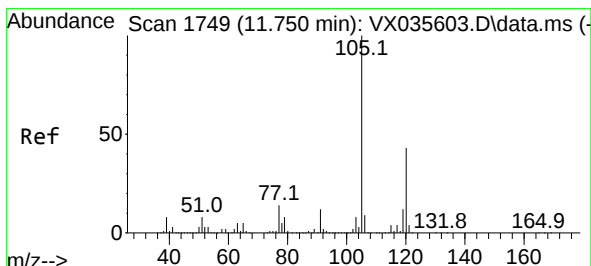
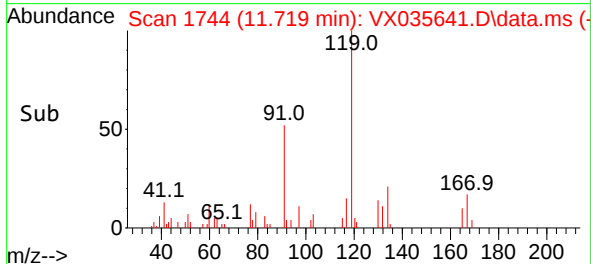
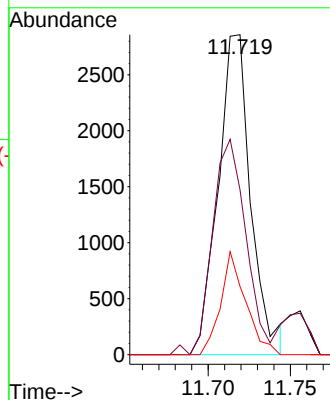
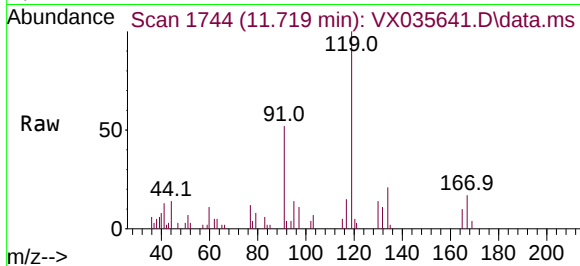




#83
tert-Butylbenzene
Concen: 0.402 ug/l
RT: 11.719 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

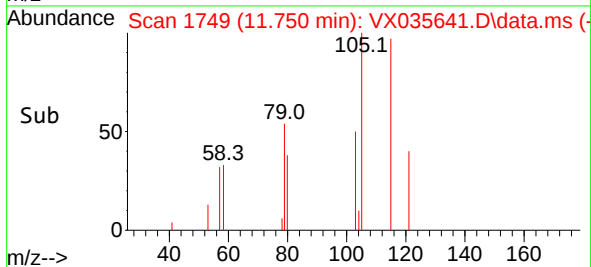
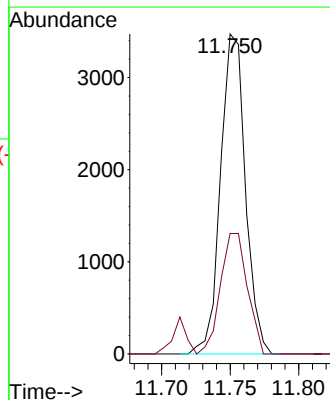
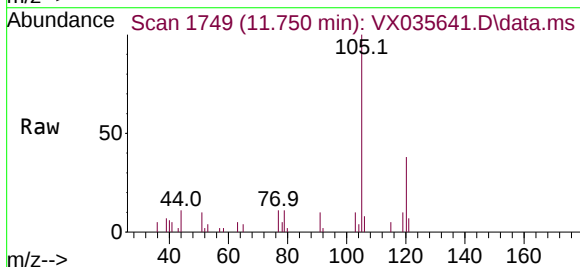
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

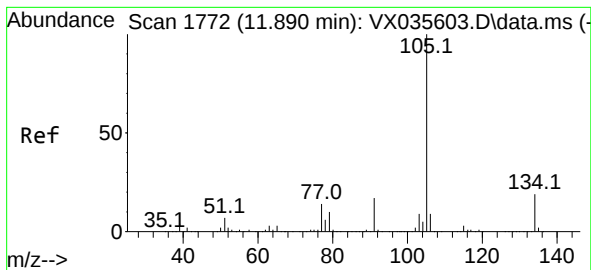
Tgt Ion:119 Resp: 3953
Ion Ratio Lower Upper
119 100
91 68.9 30.6 92.0
134 24.7 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 0.431 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion:105 Resp: 4385
Ion Ratio Lower Upper
105 100
120 40.8 22.4 67.0





#85

sec-Butylbenzene

Concen: 0.353 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

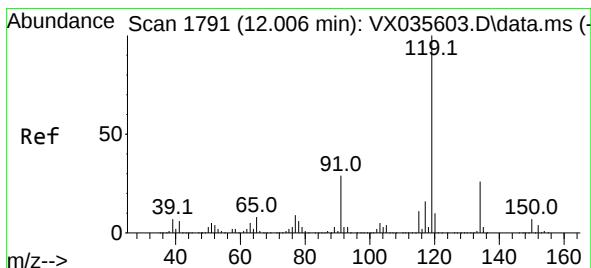
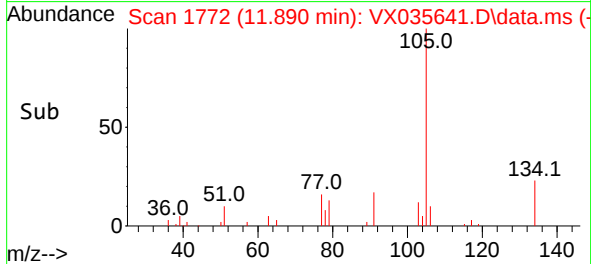
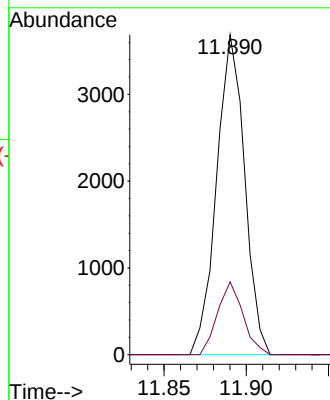
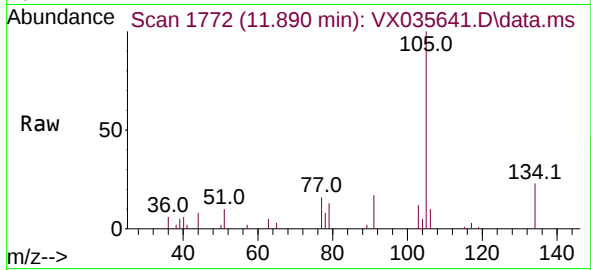
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:105 Resp: 4362

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 0.353 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

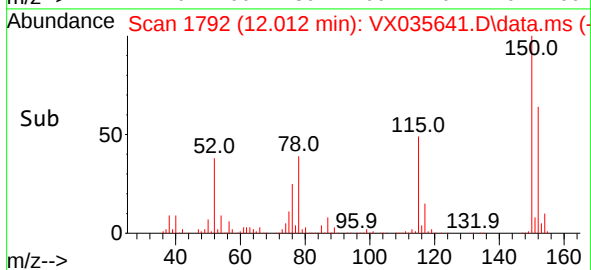
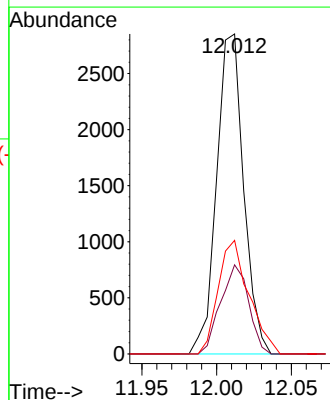
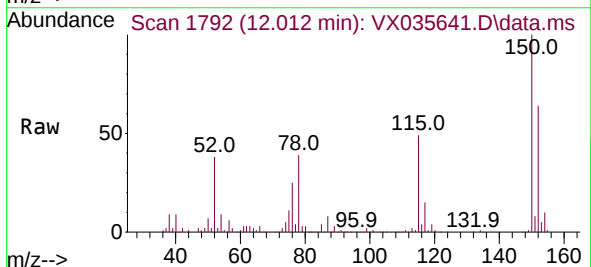
Tgt Ion:119 Resp: 3585

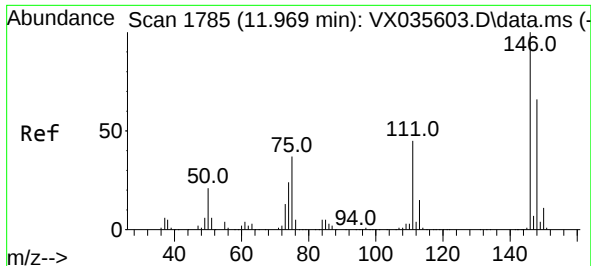
Ion Ratio Lower Upper

119 100

134 28.8 13.2 39.5

91 40.4 12.9 38.7#





#87

1,3-Dichlorobenzene

Concen: 0.398 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

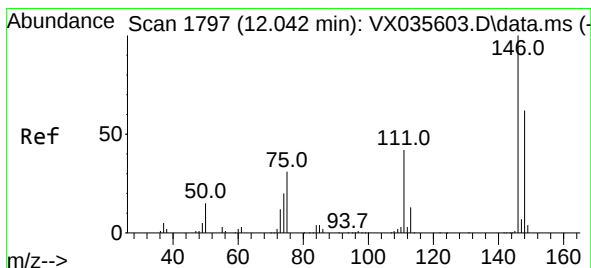
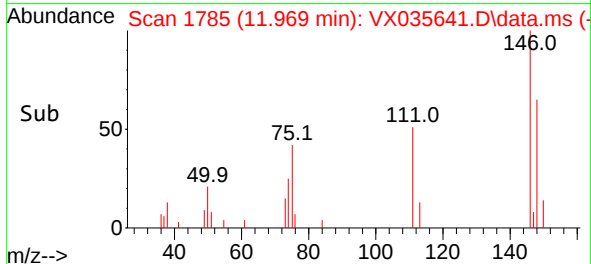
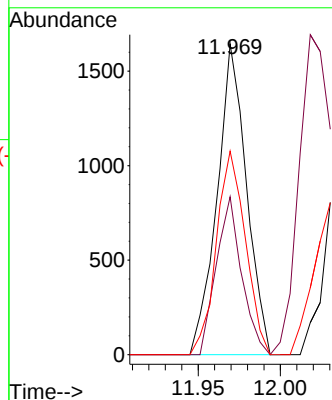
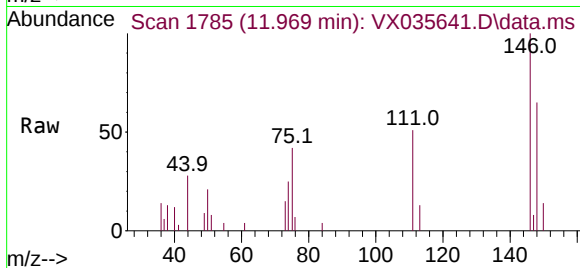
Tgt Ion:146 Resp: 2043

Ion Ratio Lower Upper

146 100

111 43.8 20.9 62.8

148 64.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.452 ug/l m

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

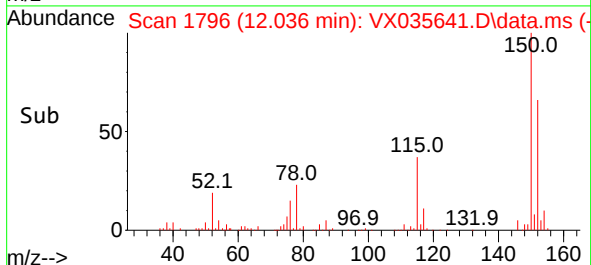
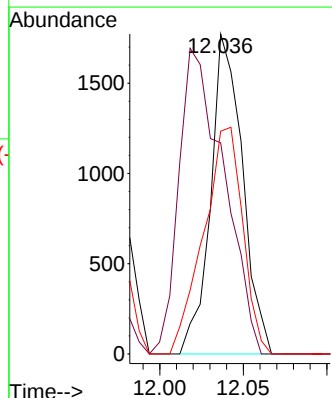
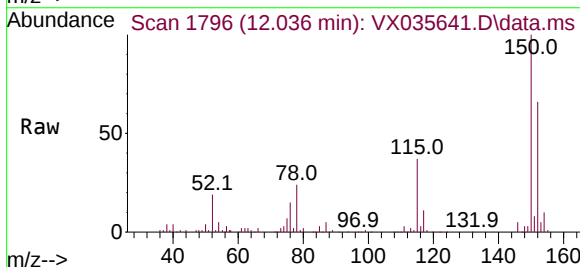
Tgt Ion:146 Resp: 2344

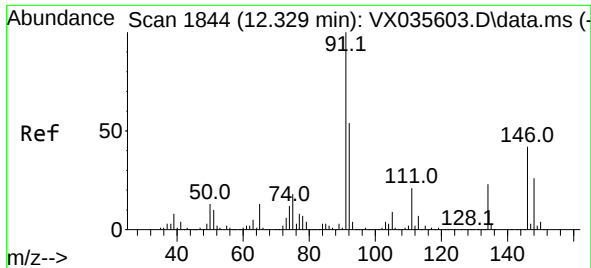
Ion Ratio Lower Upper

146 100

111 38.2 20.6 61.9

148 56.4 31.8 95.4





#89

n-Butylbenzene

Concen: 0.337 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

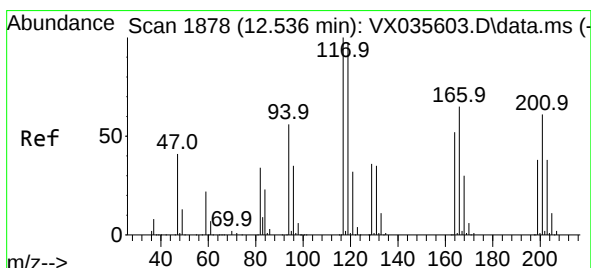
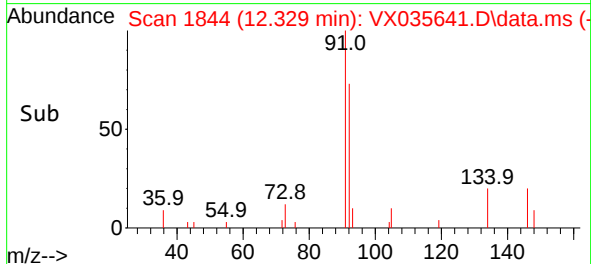
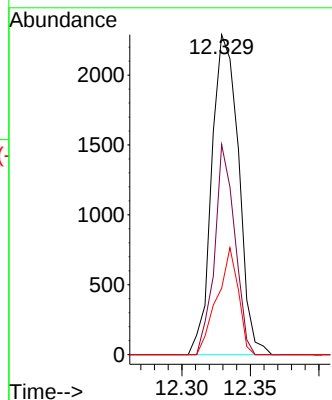
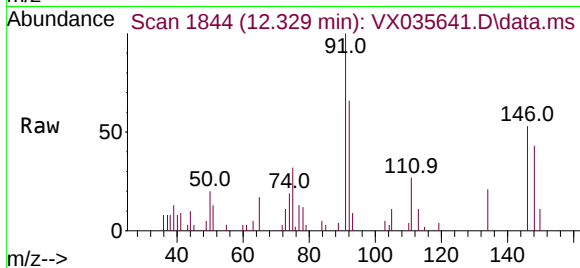
Tgt Ion: 91 Resp: 3112

Ion Ratio Lower Upper

91 100

92 49.5 27.7 83.0

134 26.4 13.0 38.9



#90

Hexachloroethane

Concen: 0.298 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035641.D

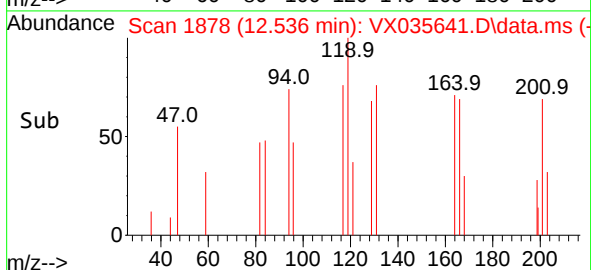
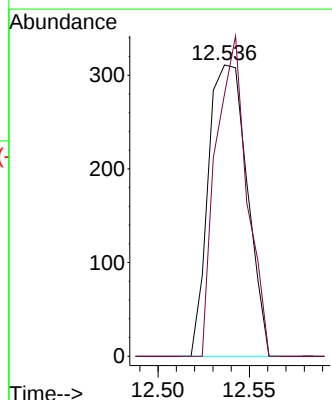
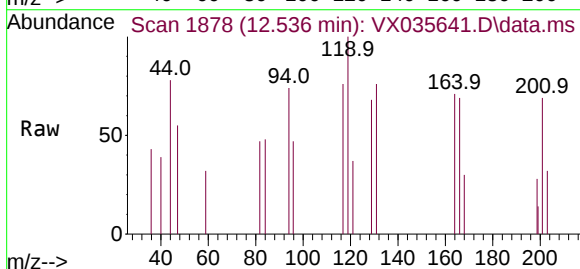
Acq: 12 May 2023 16:27

Tgt Ion: 117 Resp: 459

Ion Ratio Lower Upper

117 100

201 87.6 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 0.400 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

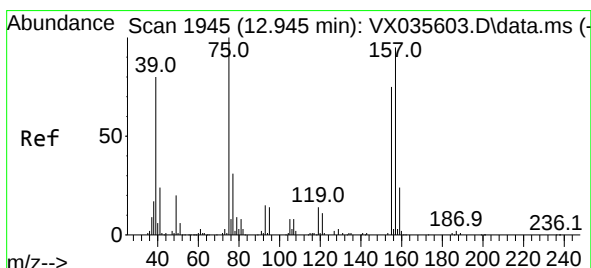
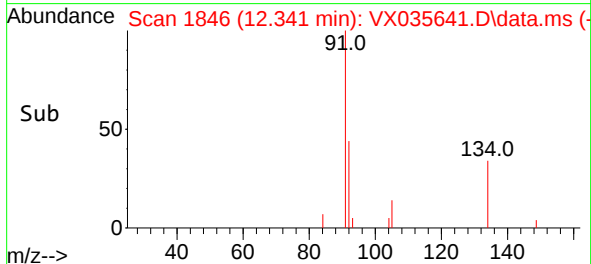
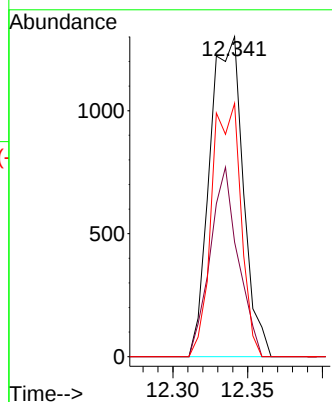
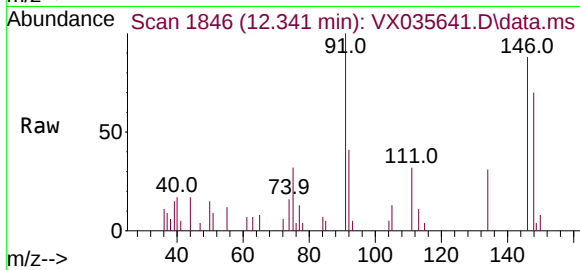
Tgt Ion:146 Resp: 2011

Ion Ratio Lower Upper

146 100

111 49.7 22.0 66.0

148 69.2 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.329 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

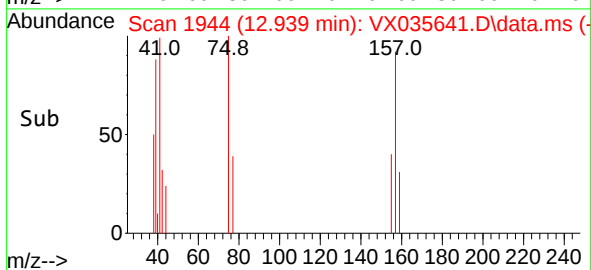
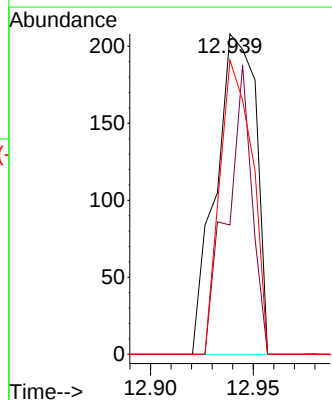
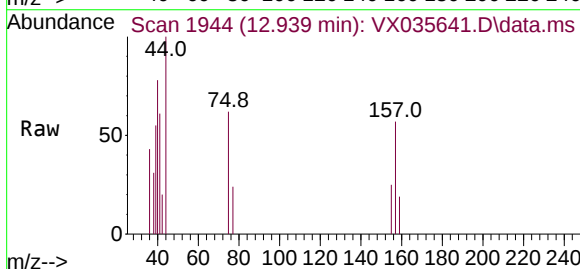
Tgt Ion: 75 Resp: 283

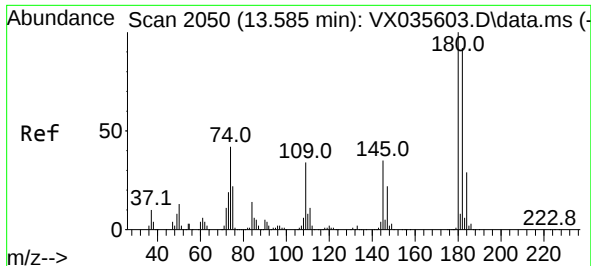
Ion Ratio Lower Upper

75 100

155 55.8 38.4 115.1

157 73.9 49.9 149.7

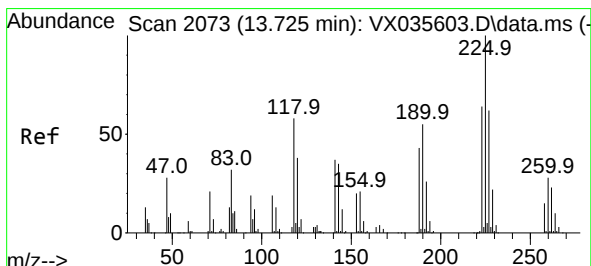
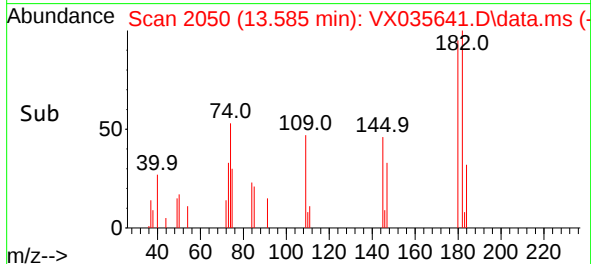
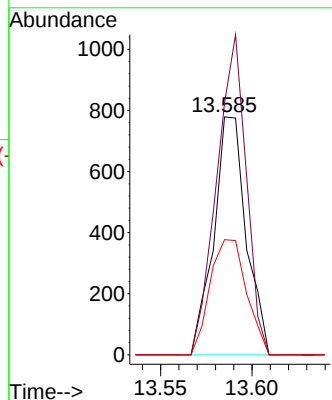
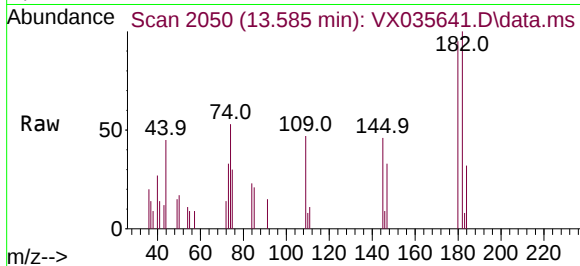




#93
1,2,4-Trichlorobenzene
Concen: 0.318 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

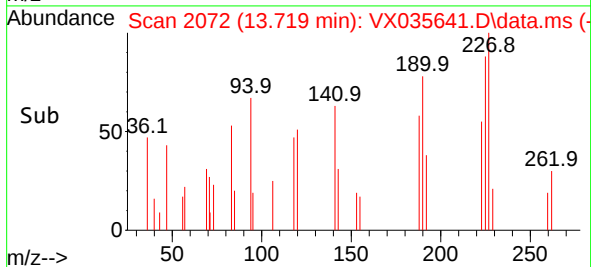
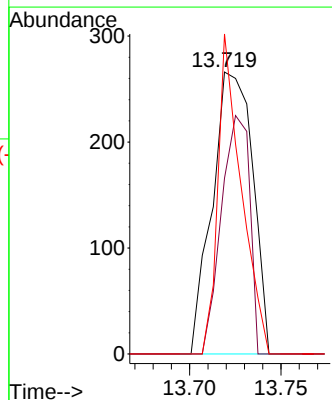
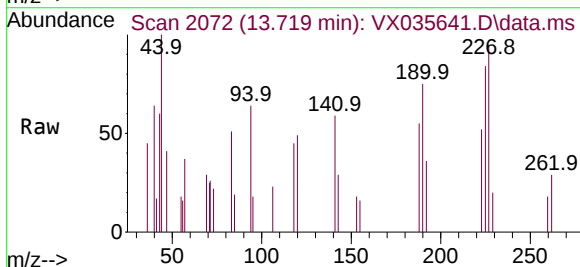
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

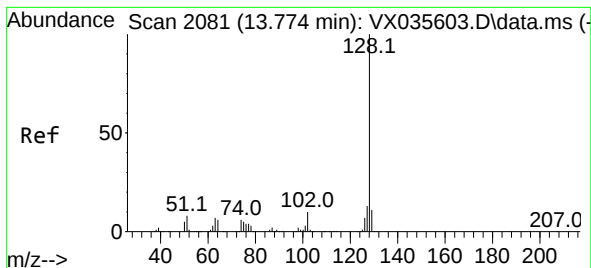
Tgt Ion:180 Resp: 962
Ion Ratio Lower Upper
180 100
182 122.1 47.0 141.0
145 54.5 15.9 47.7#



#94
Hexachlorobutadiene
Concen: 0.340 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035641.D
Acq: 12 May 2023 16:27

Tgt Ion:225 Resp: 409
Ion Ratio Lower Upper
225 100
223 58.9 32.1 96.5
227 65.8 31.8 95.4





#95

Naphthalene

Concen: 0.437 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

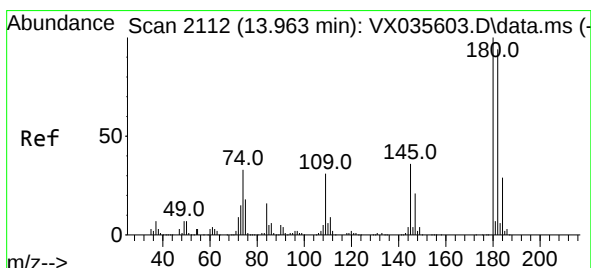
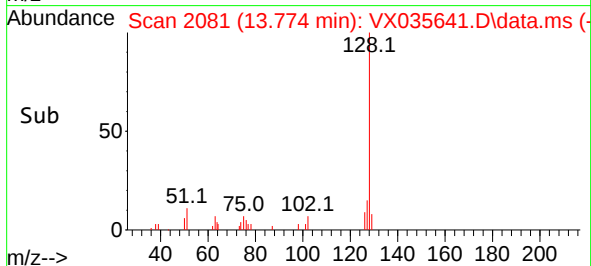
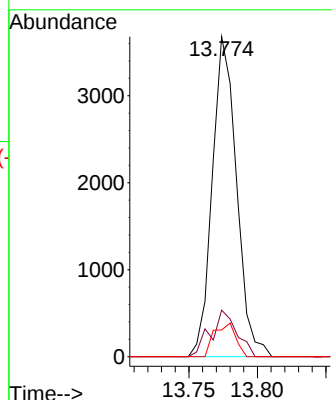
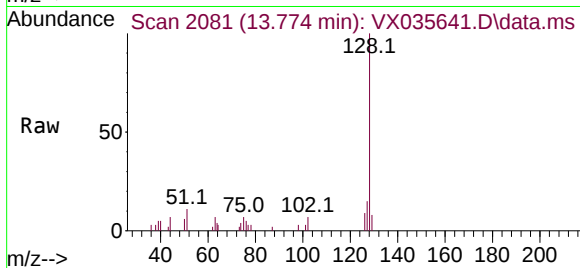
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

Tgt Ion:	128	Resp:	4529
Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.2	15.4#
129	9.3	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.445 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035641.D

Acq: 12 May 2023 16:27

Tgt Ion:	180	Resp:	1325
Ion	Ratio	Lower	Upper
180	100		
182	88.0	48.0	144.2
145	37.3	17.7	53.1

