

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034215.D
 Acq On : 21 Feb 2023 17:28
 Operator : JC/MD
 Sample : 01627-07RE .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023 .2PPB

Quant Time: Feb 22 03:03:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	309480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	511156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	447012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191483	45.942	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.880%
35) Dibromofluoromethane	5.391	113	164188	49.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	8.647	98	607897	50.874	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.740%
62) 4-Bromofluorobenzene	11.079	95	211730	46.324	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	687	0.257	ug/l	93
3) Chloromethane	1.300	50	1378	0.358	ug/l	93
4) Vinyl Chloride	1.374	62	1060	0.302	ug/l	98
5) Bromomethane	1.611	94	1180	0.848	ug/l #	57
6) Chloroethane	1.697	64	848	0.481	ug/l #	69
7) Trichlorofluoromethane	1.886	101	1357	0.286	ug/l #	82
8) Diethyl Ether	2.136	74	455	0.238	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.331	101	812	0.243	ug/l	94
10) Methyl Iodide	2.453	142	871	0.214	ug/l #	83
11) Tert butyl alcohol	2.953	59	4118	4.417	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	758	0.226	ug/l #	80
13) Acrolein	2.233	56	664	1.560	ug/l #	73
14) Allyl chloride	2.666	41	1741	0.245	ug/l #	72
15) Acrylonitrile	3.081	53	2337	1.149	ug/l	97
16) Acetone	2.380	43	3191	1.484	ug/l #	85
17) Carbon Disulfide	2.514	76	3098	0.322	ug/l #	69
18) Methyl Acetate	2.715	43	1576	0.237	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	2556	0.216	ug/l	97
20) Methylene Chloride	2.788	84	2053	0.530	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	916	0.261	ug/l #	77
22) Diisopropyl ether	3.757	45	3185	0.256	ug/l #	56
23) Vinyl Acetate	3.745	43	11057	1.109	ug/l	97
24) 1,1-Dichloroethane	3.611	63	1560	0.228	ug/l #	81
25) 2-Butanone	4.574	43	1469	0.472	ug/l #	81
26) 2,2-Dichloropropane	4.477	77	1514	0.245	ug/l #	72
27) cis-1,2-Dichloroethene	4.489	96	473	0.114	ug/l	67
28) Bromochloromethane	4.910	49	354	0.116	ug/l #	75
29) Tetrahydrofuran	5.019	42	1005	0.530	ug/l #	79
30) Chloroform	5.105	83	1556	0.237	ug/l #	77
31) Cyclohexane	5.458	56	788	0.127	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	1440	0.245	ug/l #	48
36) 1,1-Dichloropropene	5.702	75	1314	0.267	ug/l #	89
37) Ethyl Acetate	4.696	43	69	0.013	ug/l #	63
38) Carbon Tetrachloride	5.678	117	1504	0.297	ug/l #	67
39) Methylcyclohexane	7.379	83	1660	0.262	ug/l #	92
40) Benzene	6.037	78	3392	0.233	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	568	0.185	ug/l #	58
42) 1,2-Dichloroethane	6.092	62	1565	0.305	ug/l	90
43) Isopropyl Acetate	6.354	43	1839	0.189	ug/l #	73
44) Trichloroethene	7.135	130	1032	0.276	ug/l	77
45) 1,2-Dichloropropane	7.440	63	827	0.213	ug/l #	62
46) Dibromomethane	7.580	93	571	0.223	ug/l #	81
47) Bromodichloromethane	7.830	83	1159	0.221	ug/l #	87
48) Methyl methacrylate	7.714	41	1284	0.279	ug/l	89
49) 1,4-Dioxane	7.677	88	329	3.580	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	5768	1.080	ug/l	94
52) Toluene	8.726	92	2178	0.246	ug/l	95
53) t-1,3-Dichloropropene	8.988	75	1083	0.179	ug/l	98
54) cis-1,3-Dichloropropene	8.378	75	1226	0.190	ug/l #	82
55) 1,1,2-Trichloroethane	9.159	97	810	0.227	ug/l #	86
56) Ethyl methacrylate	9.128	69	1134	0.188	ug/l #	63
57) 1,3-Dichloropropane	9.317	76	1508	0.243	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.257	63	2543	0.973	ug/l	99
59) 2-Hexanone	9.445	43	4533	1.114	ug/l	88
60) Dibromochloromethane	9.525	129	795	0.202	ug/l	97
61) 1,2-Dibromoethane	9.610	107	814	0.216	ug/l	81
64) Tetrachloroethene	9.275	164	839	0.266	ug/l #	87
65) Chlorobenzene	10.079	112	2297	0.247	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	802	0.222	ug/l #	63
67) Ethyl Benzene	10.195	91	4065	0.243	ug/l	98
68) m/p-Xylenes	10.305	106	3079	0.481	ug/l	95
69) o-Xylene	10.640	106	1448	0.227	ug/l	88
70) Styrene	10.665	104	2144	0.207	ug/l #	90
71) Bromoform	10.799	173	576	0.196	ug/l #	29
73) Isopropylbenzene	10.963	105	3661	0.230	ug/l	91
74) N-amyl acetate	10.848	43	2150	0.269	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.219	83	1313	0.242	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	104417	19.896	ug/l #	34
77) Bromobenzene	11.201	156	901	0.236	ug/l	86
78) n-propylbenzene	11.305	91	4561	0.247	ug/l	99
79) 2-Chlorotoluene	11.366	91	3037	0.268	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	2909	0.218	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	104417	51.111	ug/l #	8
82) 4-Chlorotoluene	11.457	91	3317	0.257	ug/l	90
83) tert-Butylbenzene	11.713	119	3189	0.233	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	3010	0.223	ug/l	99
85) sec-Butylbenzene	11.890	105	4156	0.250	ug/l	91
86) p-Isopropyltoluene	12.012	119	3161	0.230	ug/l #	72
87) 1,3-Dichlorobenzene	11.975	146	1906	0.266	ug/l	95
88) 1,4-Dichlorobenzene	11.975	146	1906	0.263	ug/l	94
89) n-Butylbenzene	12.335	91	2811	0.229	ug/l	97
90) Hexachloroethane	12.536	117	579	0.201	ug/l	88
91) 1,2-Dichlorobenzene	12.341	146	1806	0.257	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	223	0.172	ug/l	61
93) 1,2,4-Trichlorobenzene	13.591	180	1254	0.278	ug/l	96
94) Hexachlorobutadiene	13.725	225	596	0.319	ug/l	88
95) Naphthalene	13.780	128	3886	0.256	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1082	0.242	ug/l	82

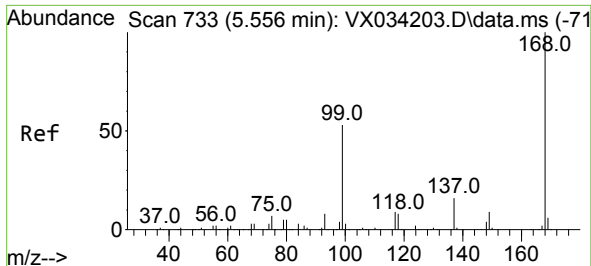
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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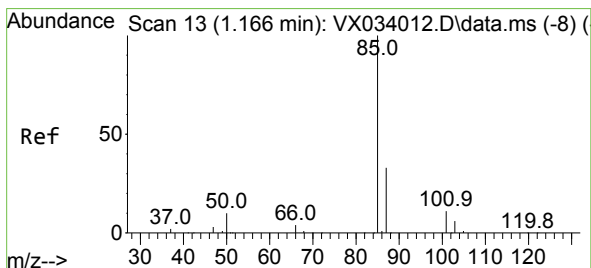
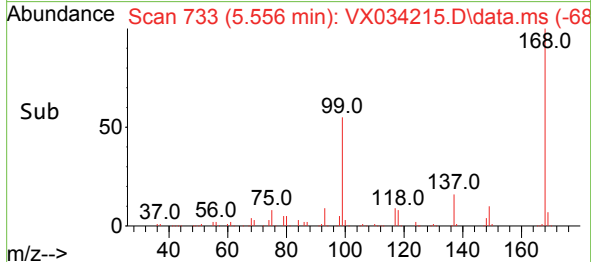
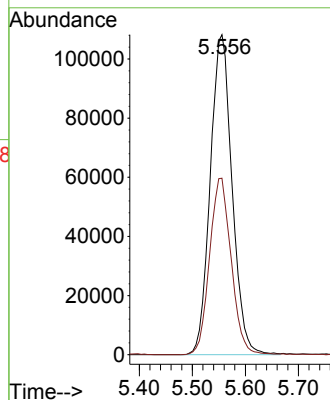
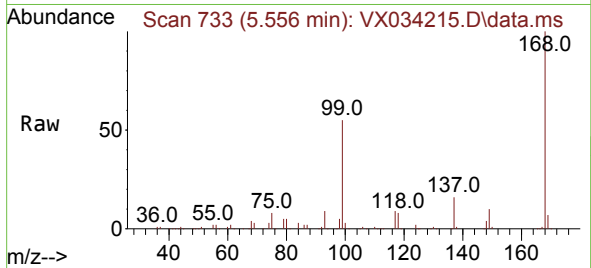
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034215.D
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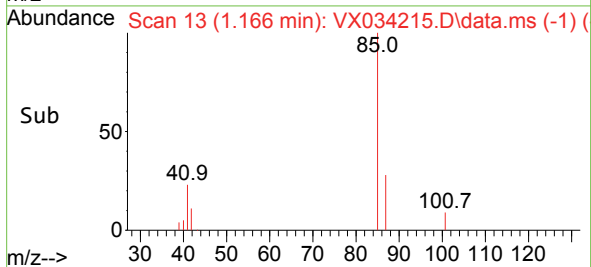
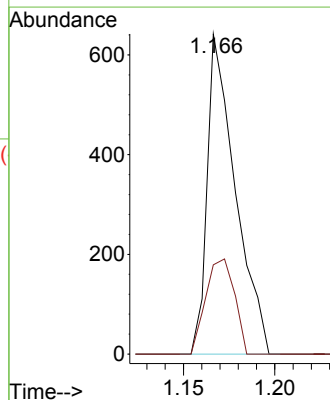
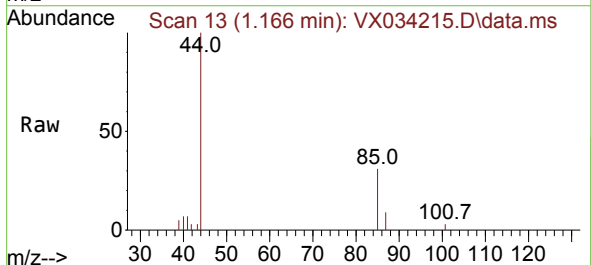
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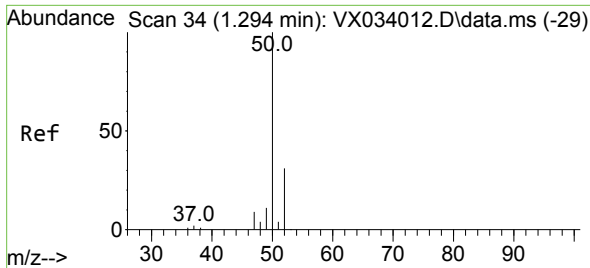
Tgt Ion:168 Resp: 309480
Ion Ratio Lower Upper
168 100
99 55.2 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.257 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 85 Resp: 687
Ion Ratio Lower Upper
85 100
87 27.9 15.8 47.4

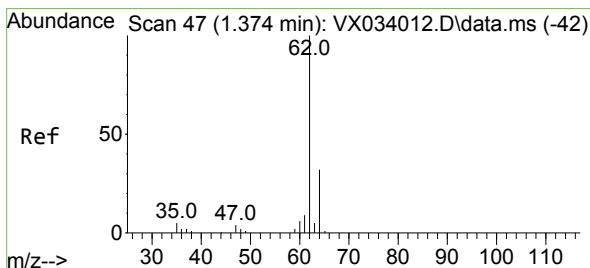
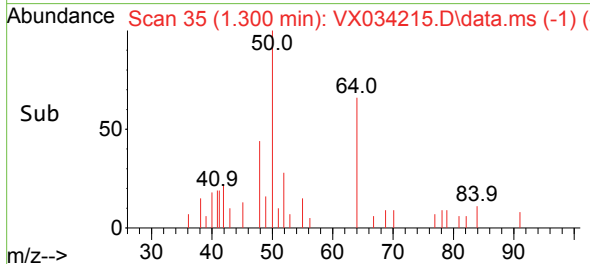
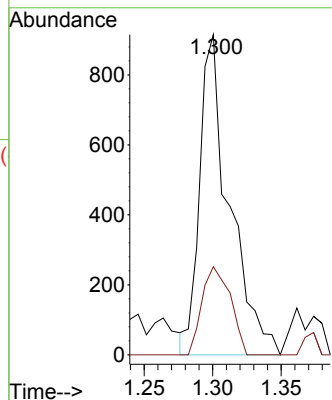
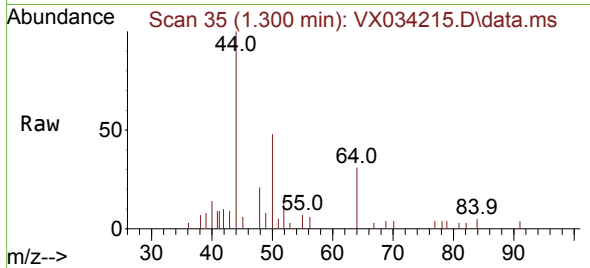




#3
Chloromethane
Concen: 0.358 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

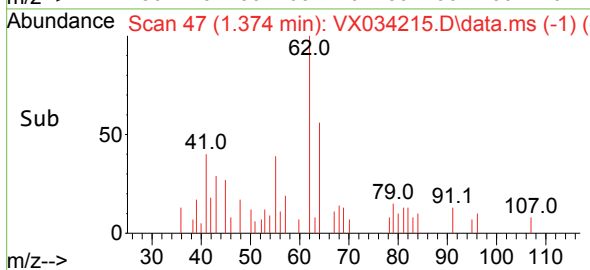
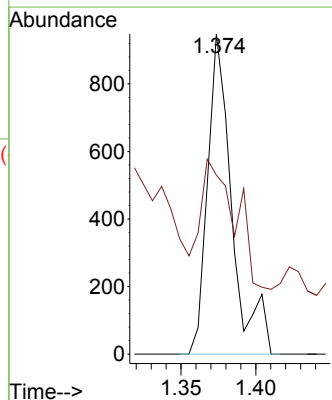
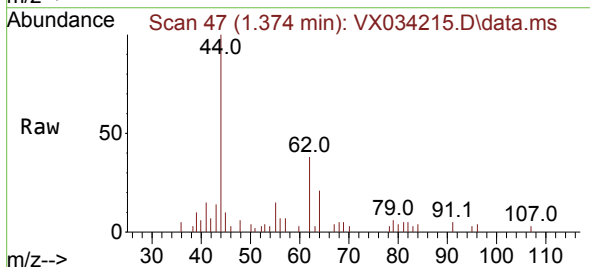
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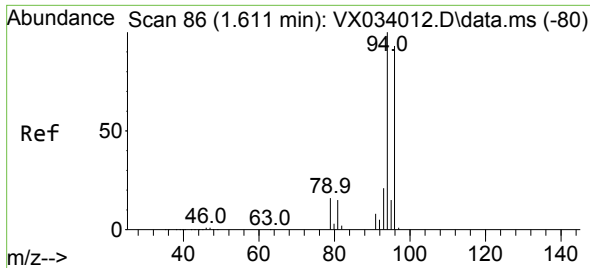
Tgt Ion: 50 Resp: 1378
Ion Ratio Lower Upper
50 100
52 27.5 25.2 37.8



#4
Vinyl Chloride
Concen: 0.302 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 62 Resp: 1060
Ion Ratio Lower Upper
62 100
64 33.9 26.2 39.4

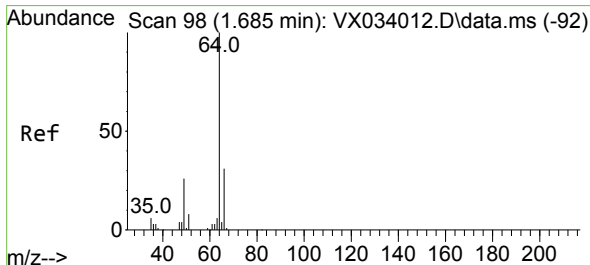
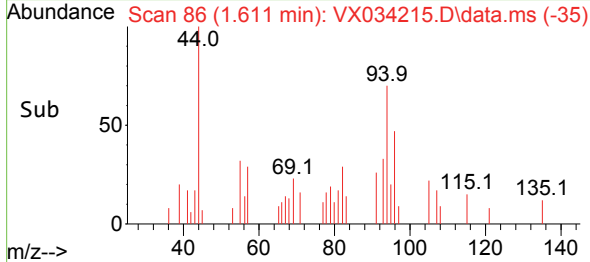
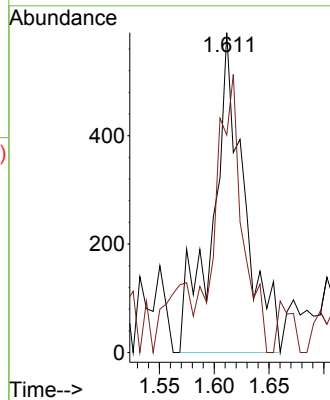
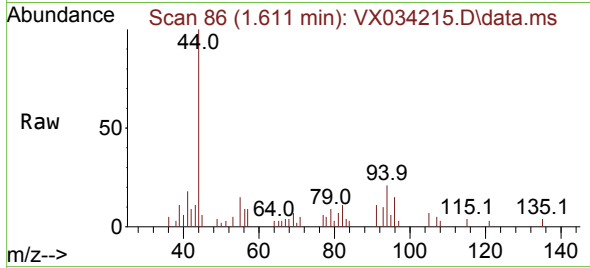




#5
Bromomethane
Concen: 0.848 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

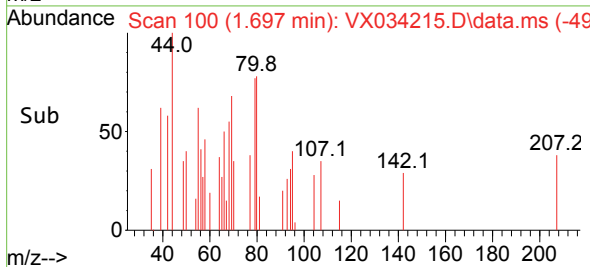
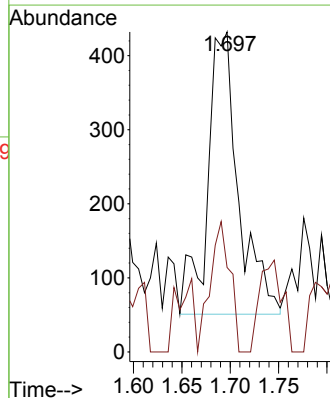
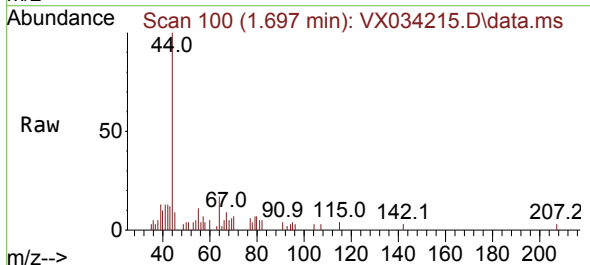
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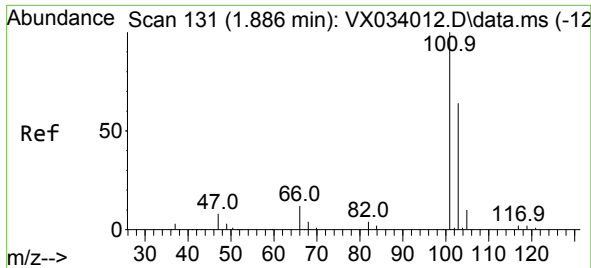
Tgt Ion: 94 Resp: 1180
Ion Ratio Lower Upper
94 100
96 51.9 74.3 111.5#



#6
Chloroethane
Concen: 0.481 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 64 Resp: 848
Ion Ratio Lower Upper
64 100
66 15.0 26.1 39.1#

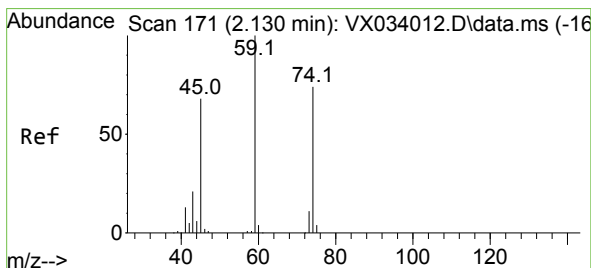
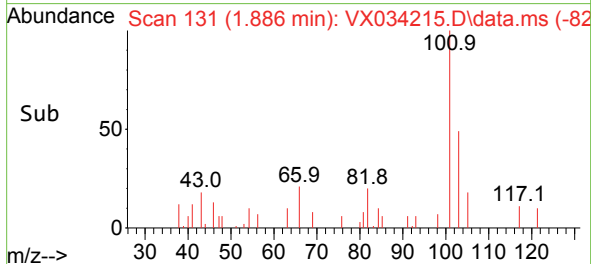
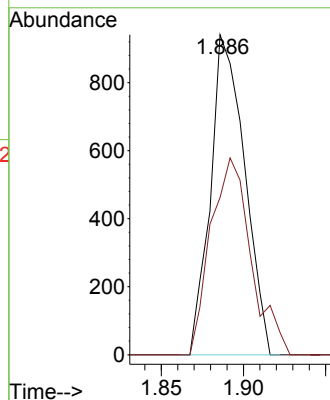
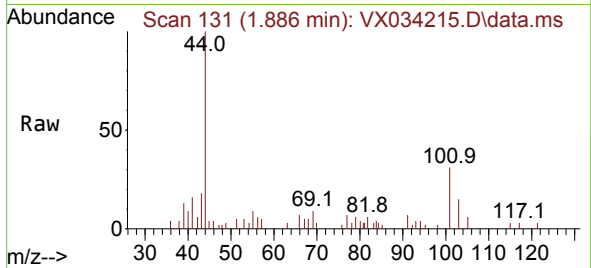




#7
Trichlorofluoromethane
Concen: 0.286 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

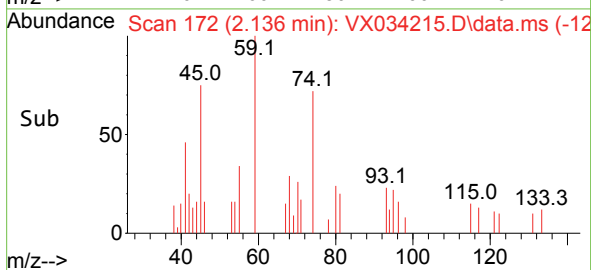
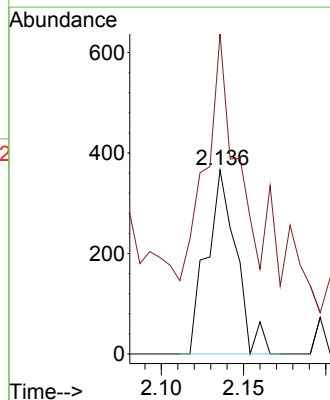
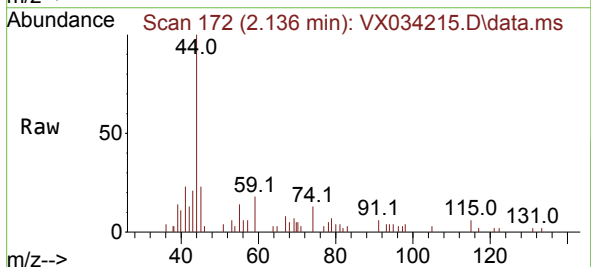
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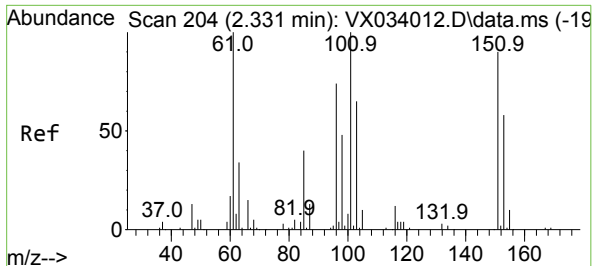
Tgt Ion:101 Resp: 1357
Ion Ratio Lower Upper
101 100
103 49.1 50.6 75.8#



#8
Diethyl Ether
Concen: 0.238 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 74 Resp: 455
Ion Ratio Lower Upper
74 100
45 132.5 51.5 154.5

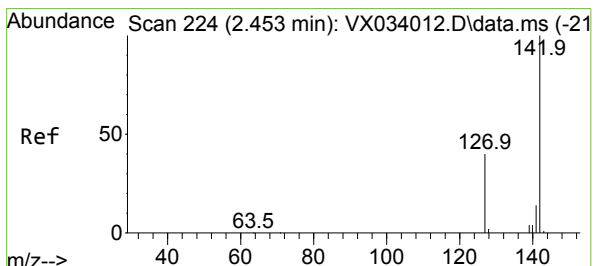
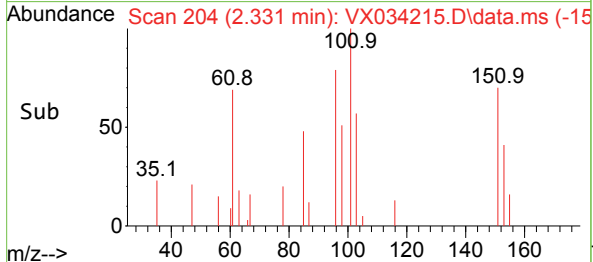
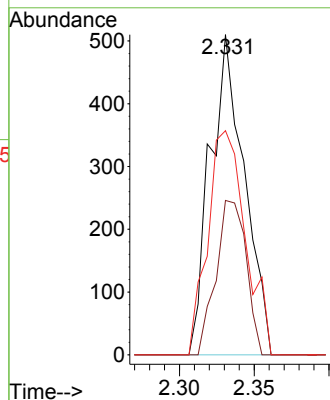
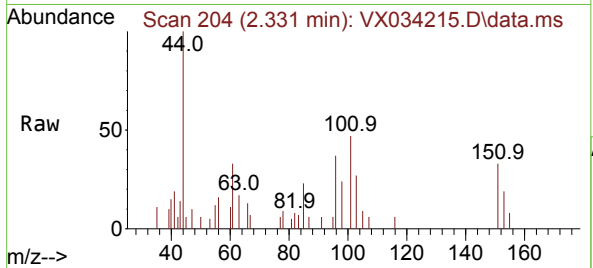




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.243 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
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Acq: 21 Feb 2023 17:28

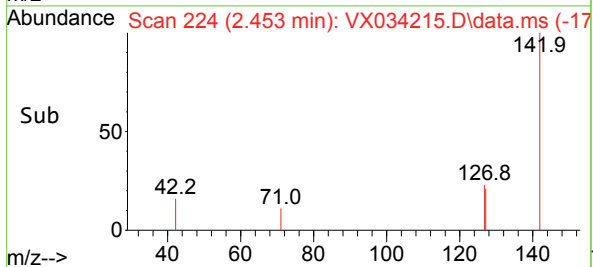
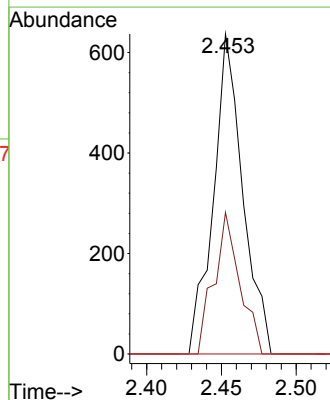
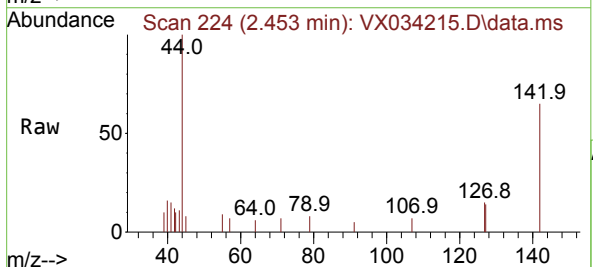
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

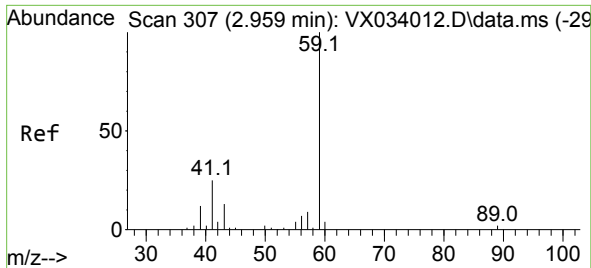
Tgt Ion:101 Resp: 812
Ion Ratio Lower Upper
101 100
85 42.5 36.7 55.1
151 77.2 66.5 99.7



#10
Methyl Iodide
Concen: 0.214 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:142 Resp: 871
Ion Ratio Lower Upper
142 100
127 38.8 37.3 55.9
141 0.0 11.5 17.3#





#11

Tert butyl alcohol

Concen: 4.417 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

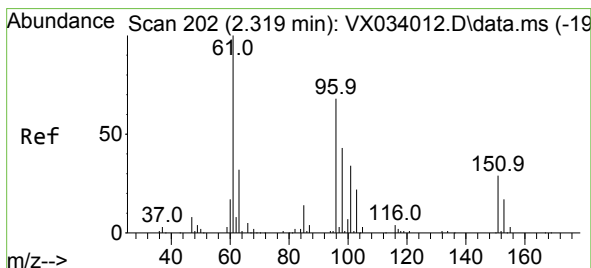
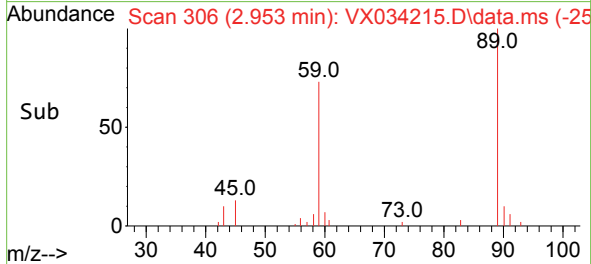
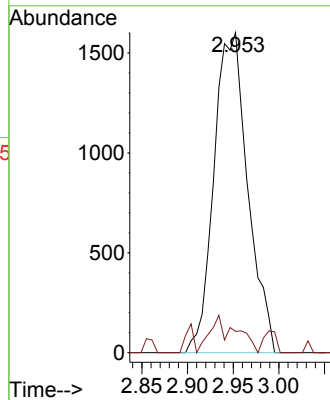
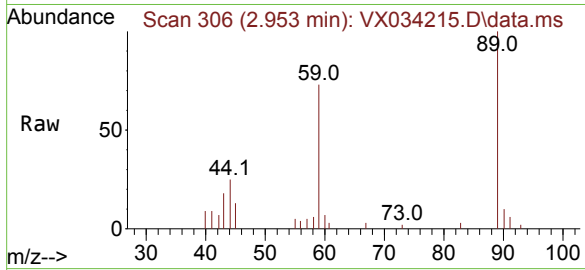
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 59 Resp: 4118

Ion Ratio Lower Upper

59 100

57 6.7 3.7 5.5#



#12

1,1-Dichloroethene

Concen: 0.226 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

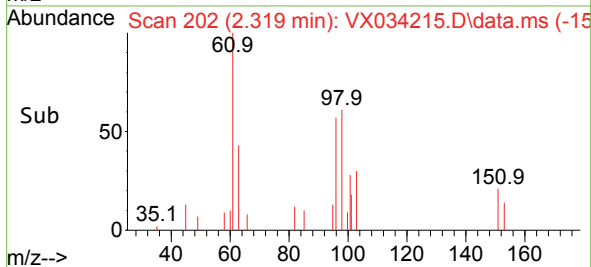
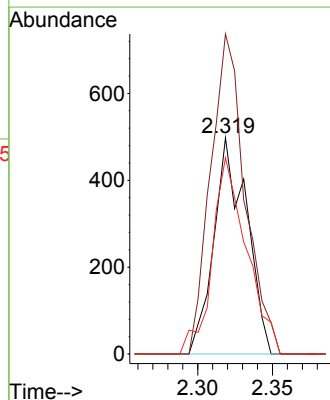
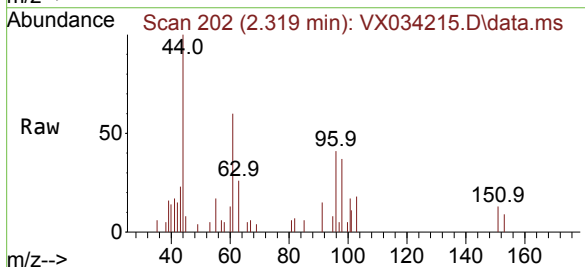
Tgt Ion: 96 Resp: 758

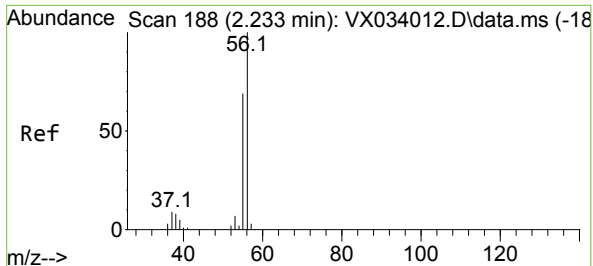
Ion Ratio Lower Upper

96 100

61 148.0 134.2 201.4

98 90.8 50.2 75.2#





#13

Acrolein

Concen: 1.560 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034215.D

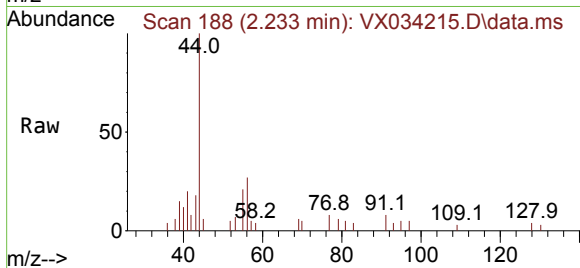
Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

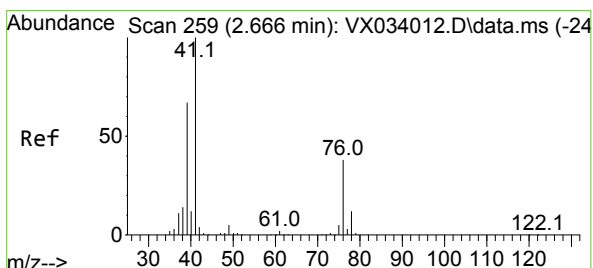
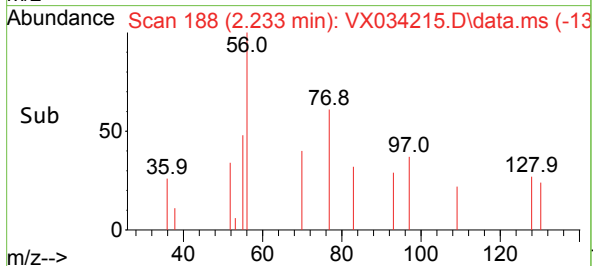
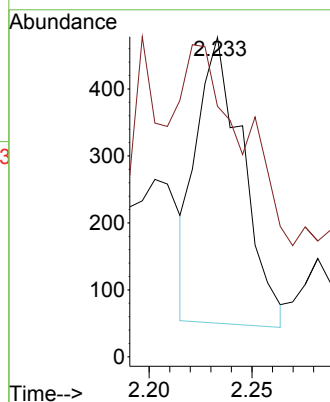


Tgt Ion: 56 Resp: 664

Ion Ratio Lower Upper

56 100

55 92.5 56.3 84.5#



#14

Allyl chloride

Concen: 0.245 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

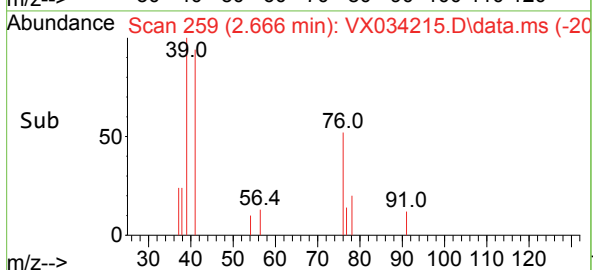
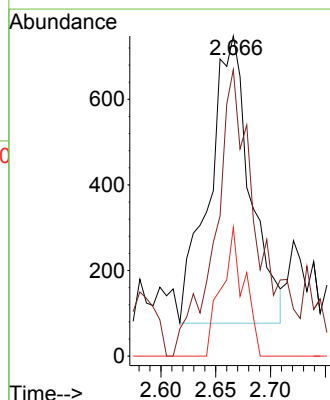
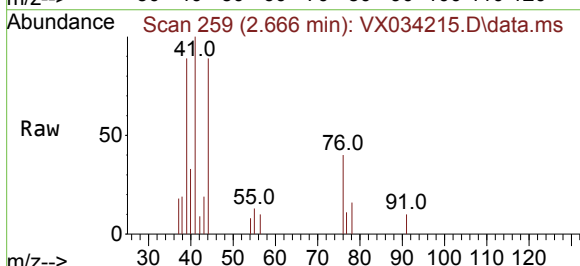
Tgt Ion: 41 Resp: 1741

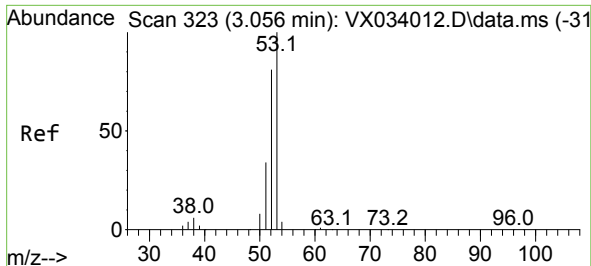
Ion Ratio Lower Upper

41 100

39 103.7 59.0 88.4#

76 25.0 24.6 37.0

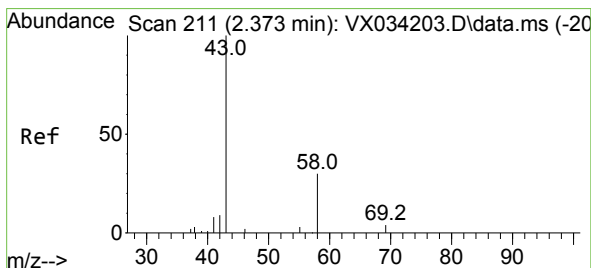
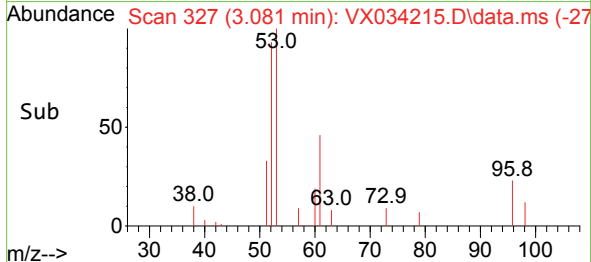
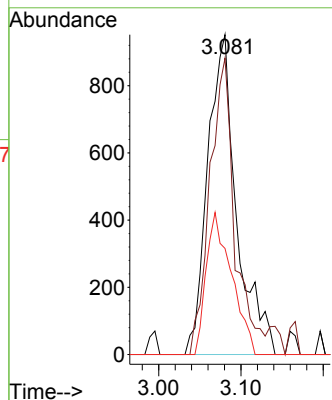
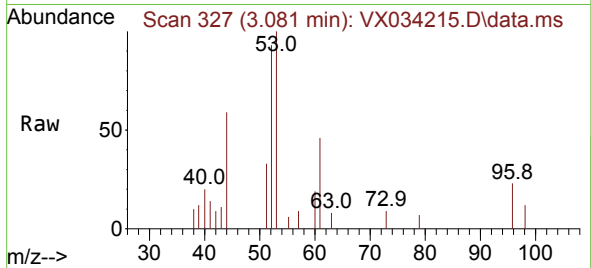




#15
Acrylonitrile
Concen: 1.149 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

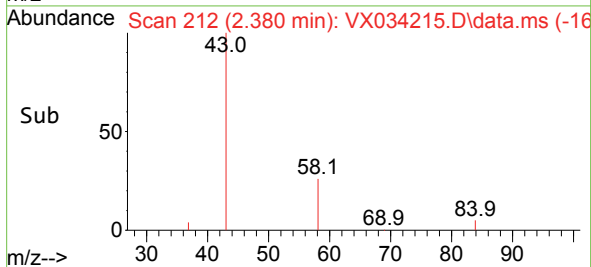
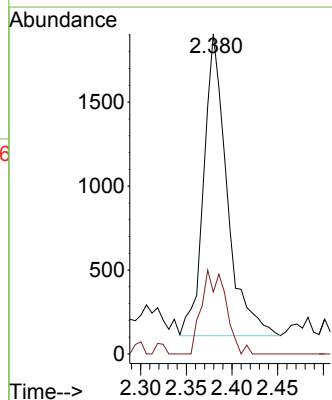
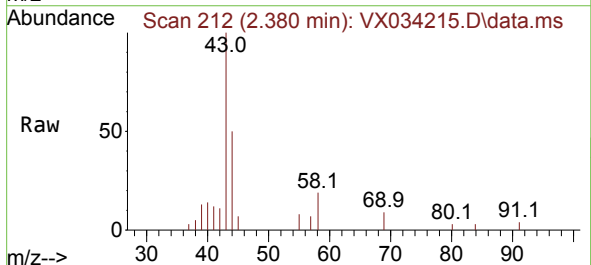
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

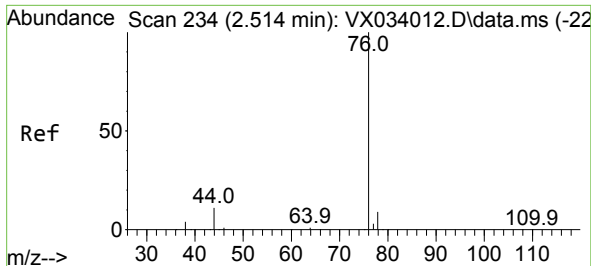
Tgt Ion: 53 Resp: 2337
Ion Ratio Lower Upper
53 100
52 79.5 65.7 98.5
51 38.8 29.0 43.4



#16
Acetone
Concen: 1.484 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 43 Resp: 3191
Ion Ratio Lower Upper
43 100
58 20.5 22.6 33.8#

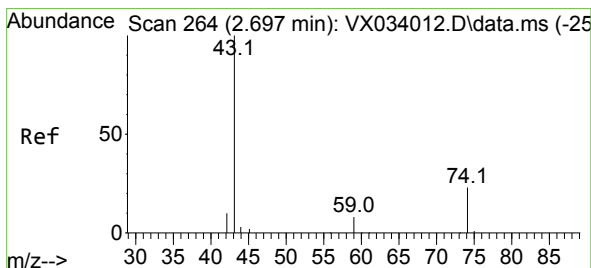
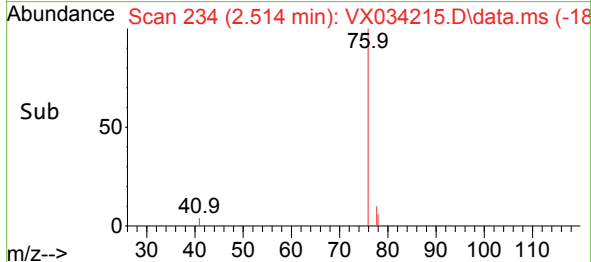
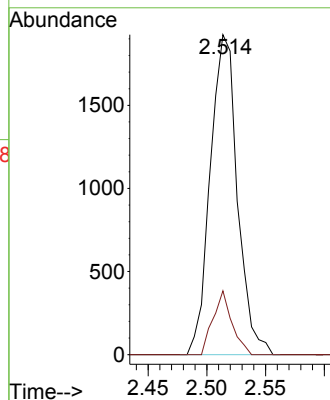
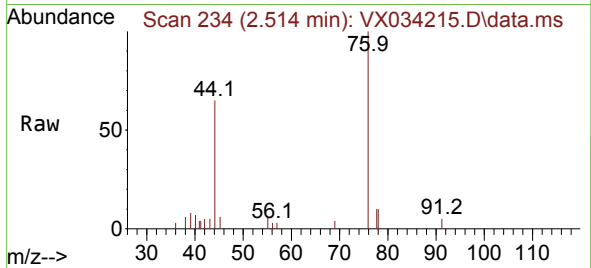




#17
Carbon Disulfide
Concen: 0.322 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

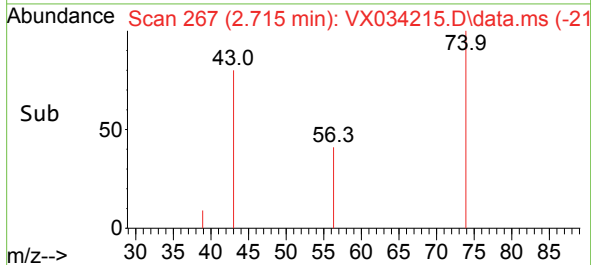
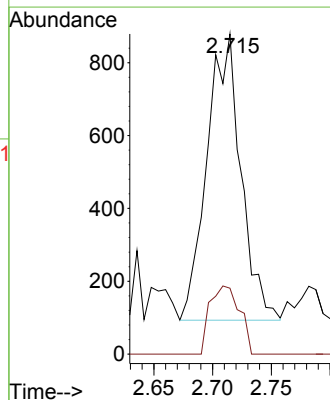
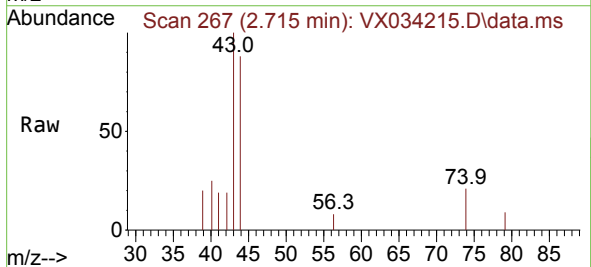
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

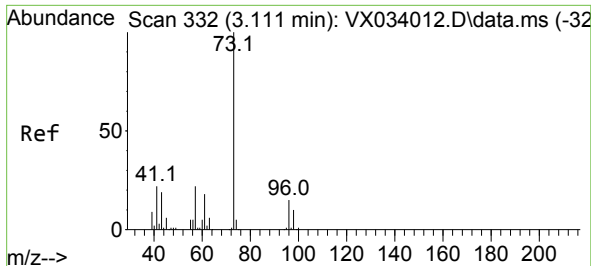
Tgt Ion: 76 Resp: 3098
Ion Ratio Lower Upper
76 100
78 19.9 7.0 10.6#



#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.018 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
74 20.9 18.2 27.4

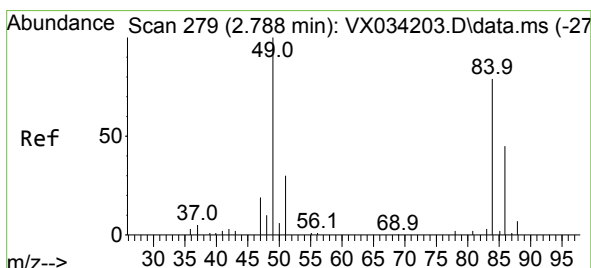
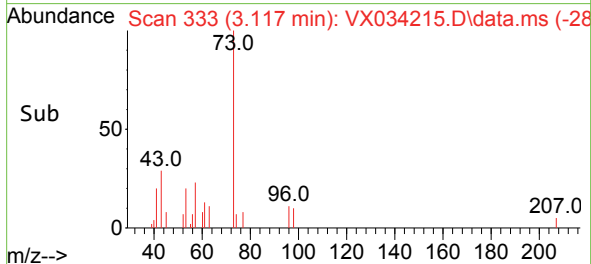
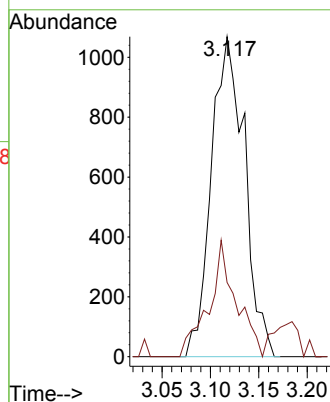
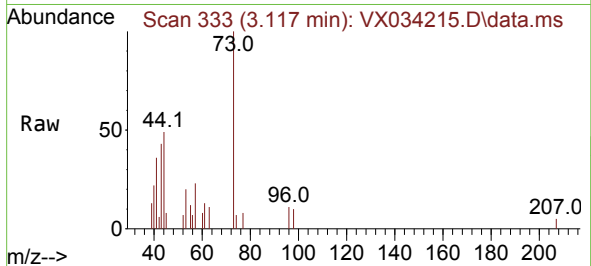




#19
Methyl tert-butyl Ether
Concen: 0.216 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

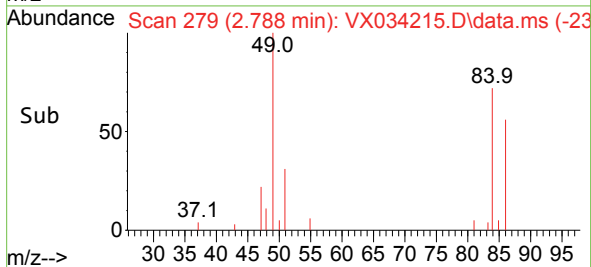
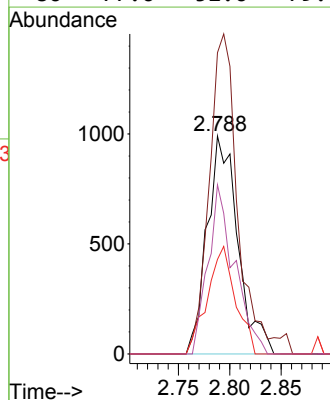
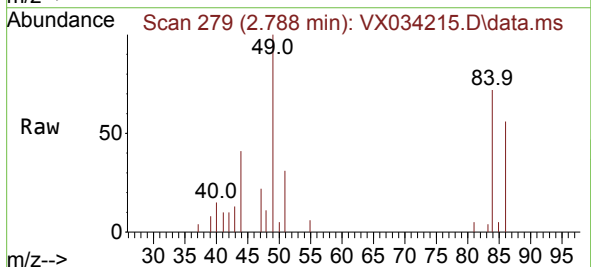
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

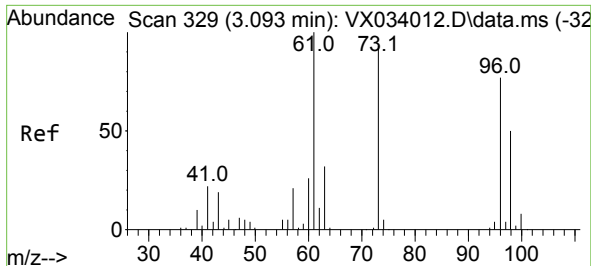
Tgt Ion: 73 Resp: 2556
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 0.530 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 84 Resp: 2053
Ion Ratio Lower Upper
84 100
49 138.2 101.1 151.7
51 43.4 31.0 46.6
86 77.6 52.6 79.0

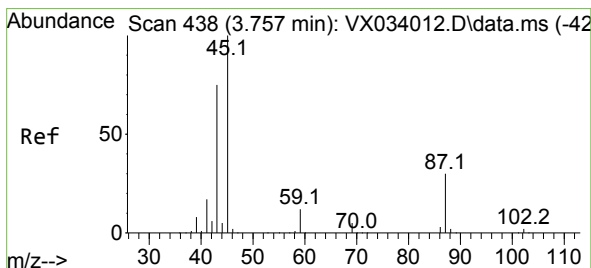
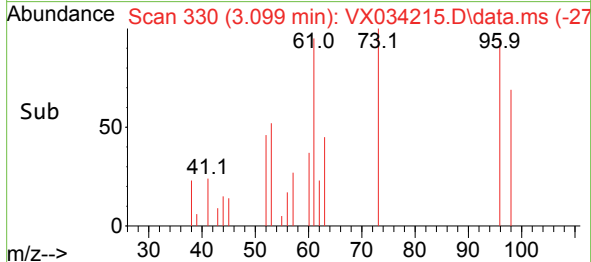
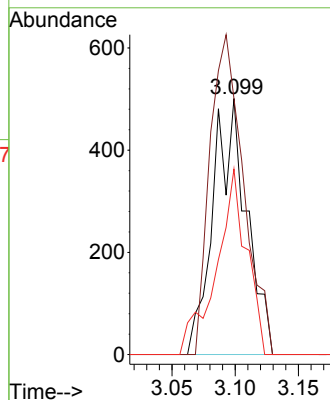
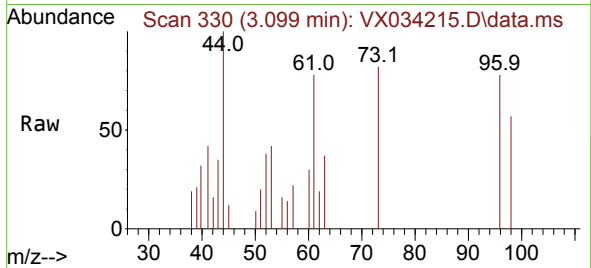




#21
trans-1,2-Dichloroethene
Concen: 0.261 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

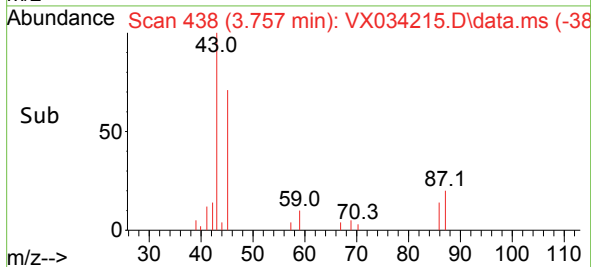
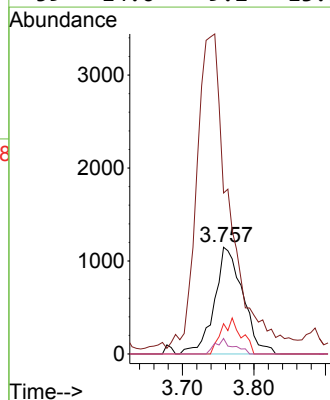
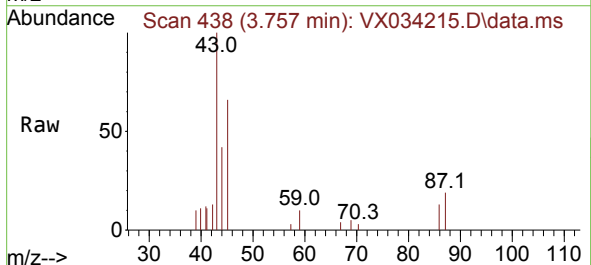
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB

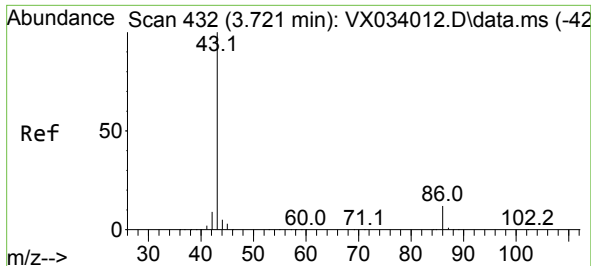
Tgt Ion: 96 Resp: 916
Ion Ratio Lower Upper
96 100
61 100.0 106.7 160.1#
98 72.5 50.0 75.0



#22
Diisopropyl ether
Concen: 0.256 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 45 Resp: 3185
Ion Ratio Lower Upper
45 100
43 137.4 64.6 97.0#
87 28.3 21.9 32.9
59 14.6 9.2 13.8#





#23

Vinyl Acetate

Concen: 1.109 ug/l

RT: 3.745 min Scan# 41

Delta R.T. 0.031 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

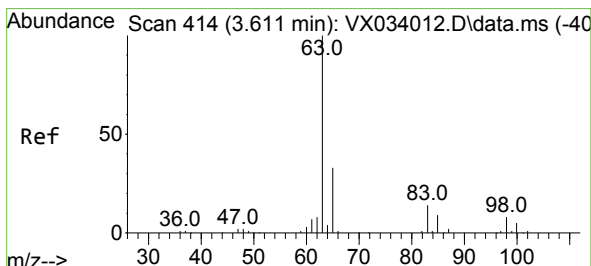
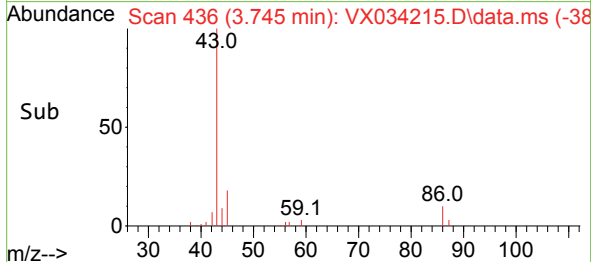
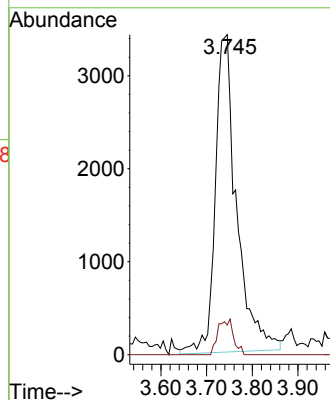
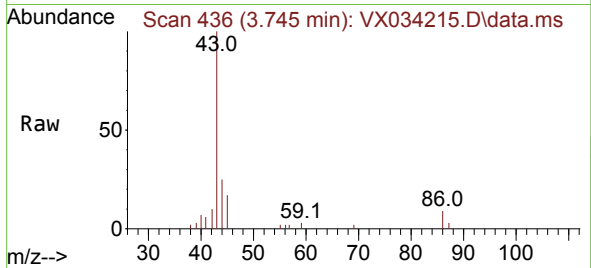
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 43 Resp: 11057

Ion Ratio Lower Upper

43 100

86 9.4 8.4 12.6



#24

1,1-Dichloroethane

Concen: 0.228 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

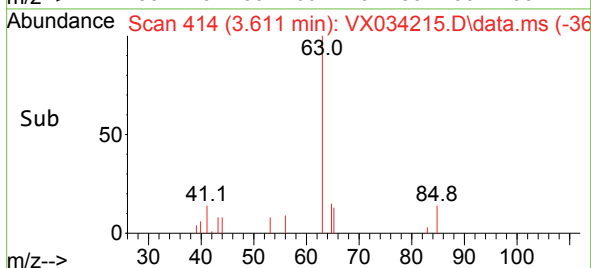
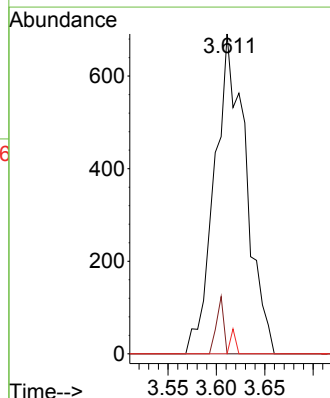
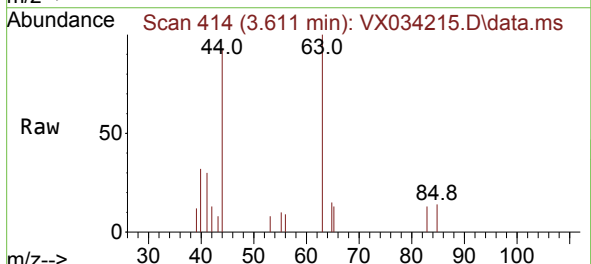
Tgt Ion: 63 Resp: 1560

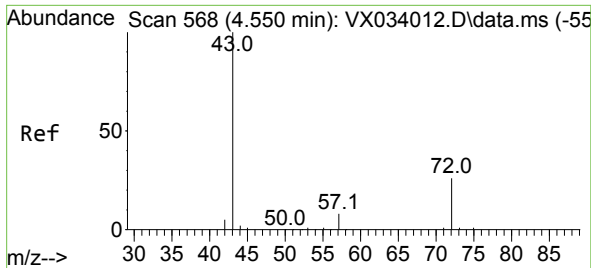
Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.4 7.2#

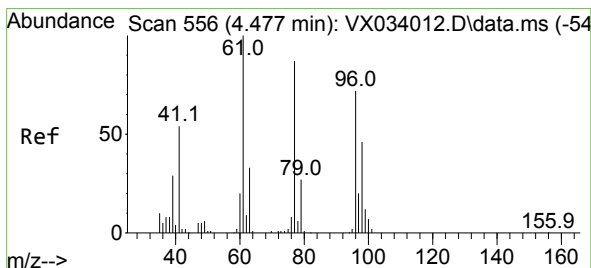
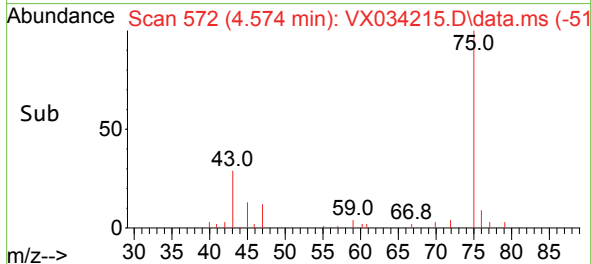
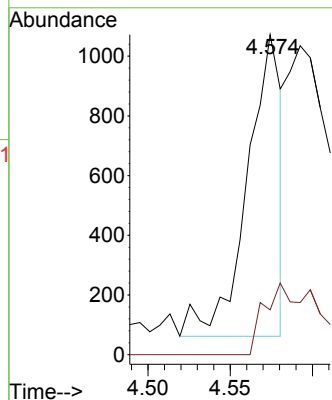
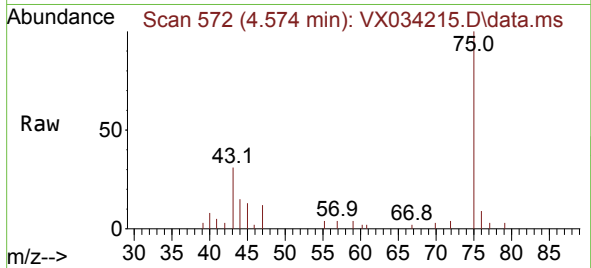




#25
2-Butanone
Concen: 0.472 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

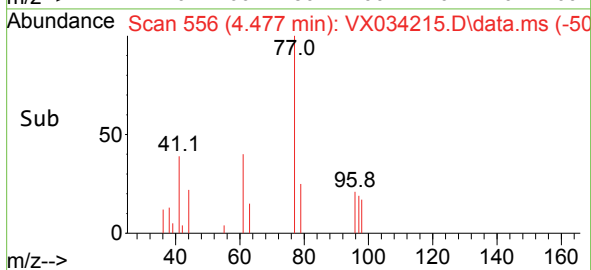
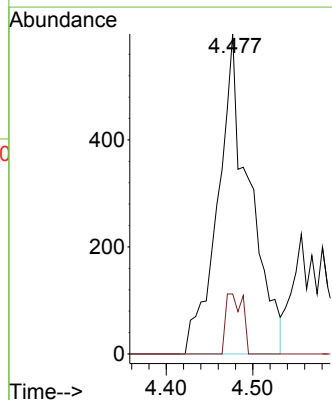
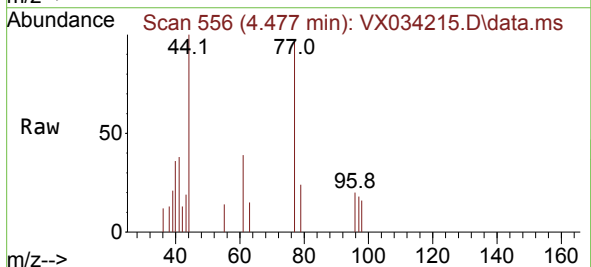
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

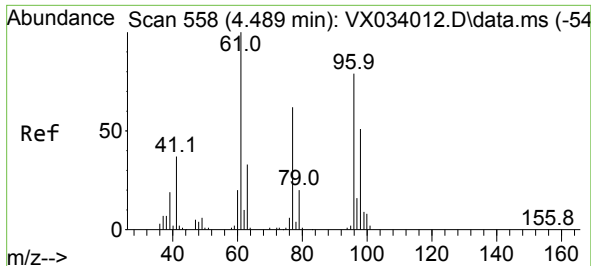
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
72 14.9 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.245 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 77 Resp: 1514
Ion Ratio Lower Upper
77 100
97 10.0 11.9 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.114 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

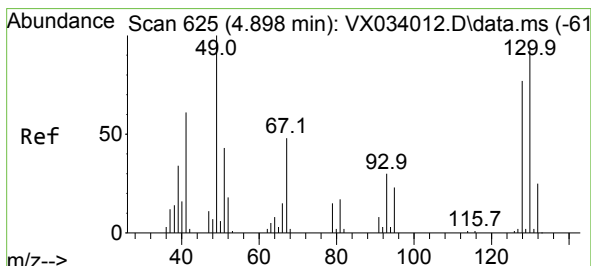
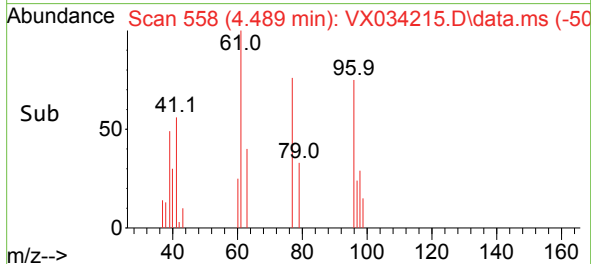
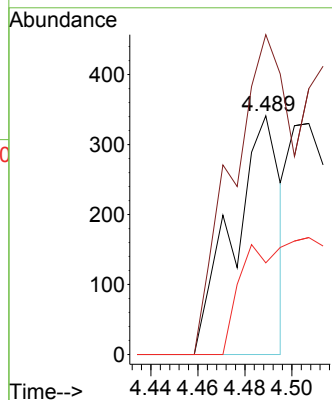
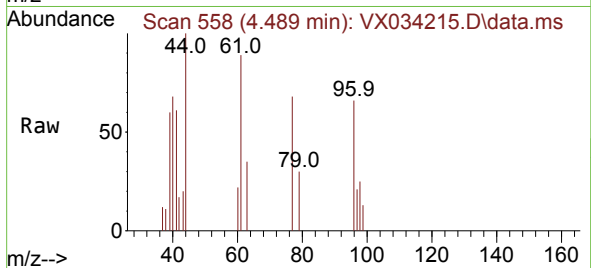
Tgt Ion: 96 Resp: 473

Ion Ratio Lower Upper

96 100

61 167.2 0.0 277.6

98 106.6 0.0 128.0



#28

Bromochloromethane

Concen: 0.116 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.018 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

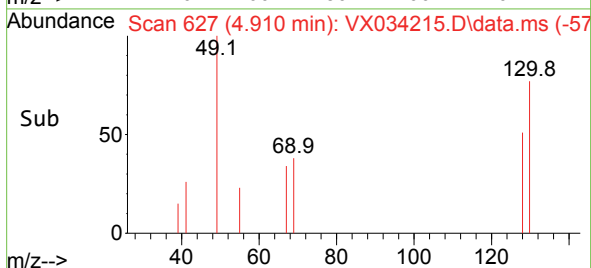
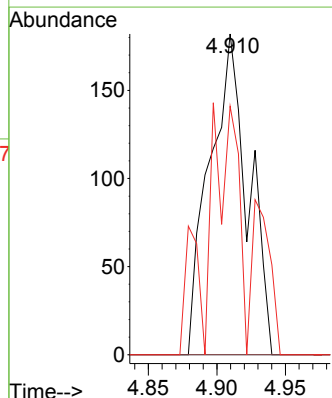
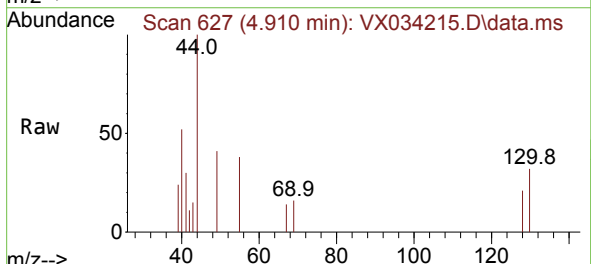
Tgt Ion: 49 Resp: 354

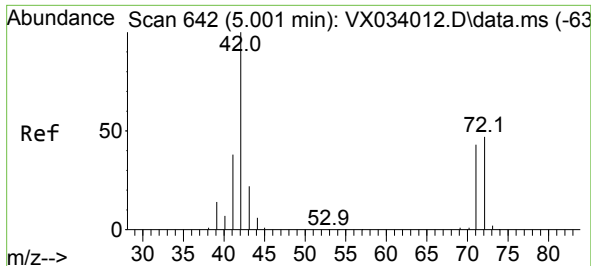
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 62.7 68.5 102.7#





#29

Tetrahydrofuran

Concen: 0.530 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX034215.D

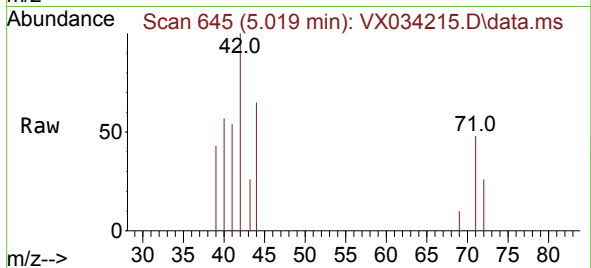
Acq: 21 Feb 2023 17:28

Instrument :

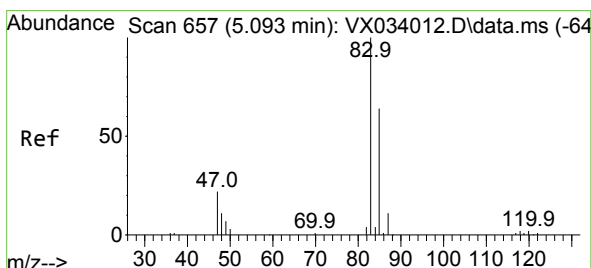
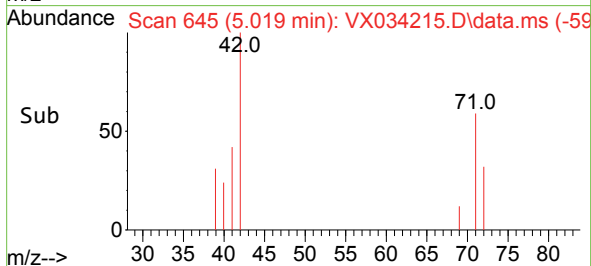
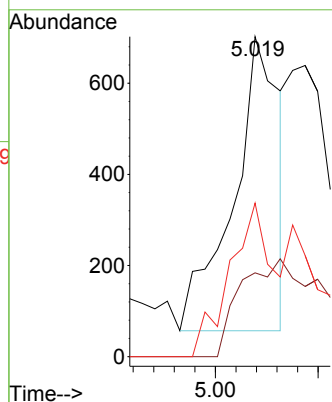
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion:	42	Resp:	1005
Ion	Ratio	Lower	Upper
42	100		
72	61.2	34.8	52.2#
71	48.4	32.2	48.2#



#30

Chloroform

Concen: 0.237 ug/l

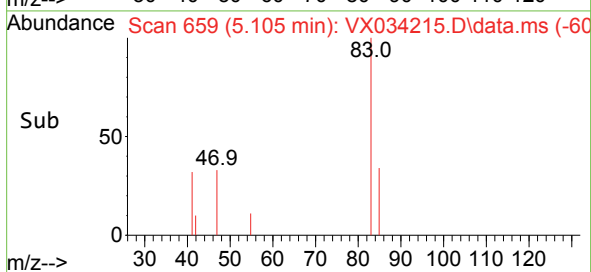
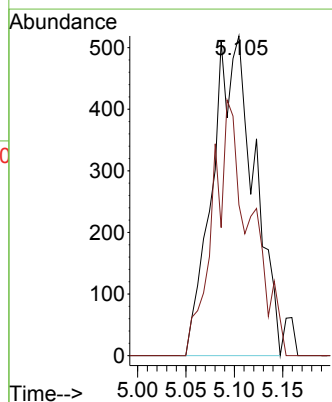
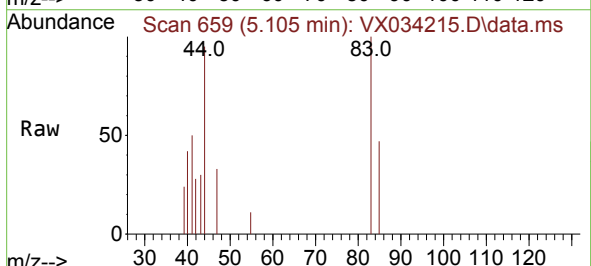
RT: 5.105 min Scan# 659

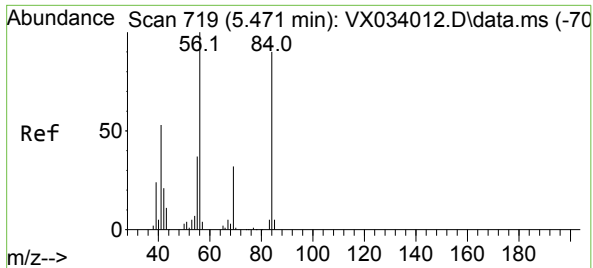
Delta R.T. 0.012 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion:	83	Resp:	1556
Ion	Ratio	Lower	Upper
83	100		
85	47.2	52.1	78.1#

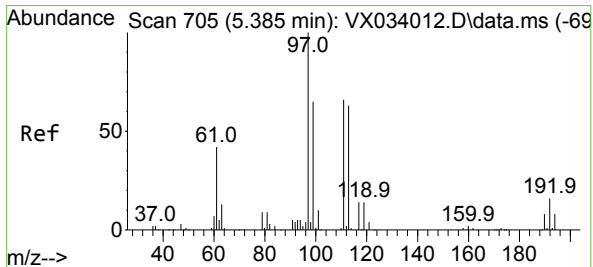
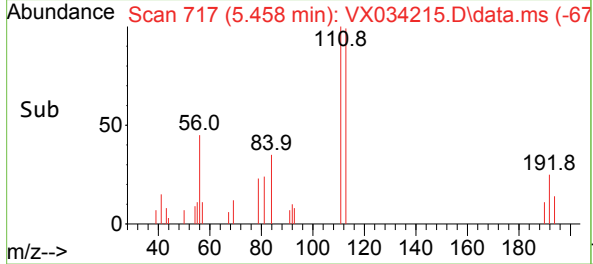
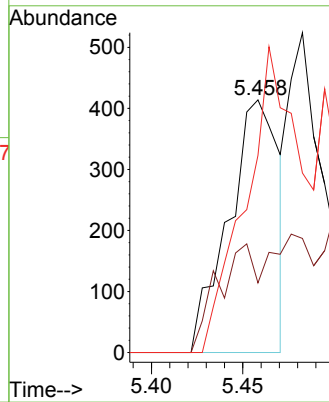
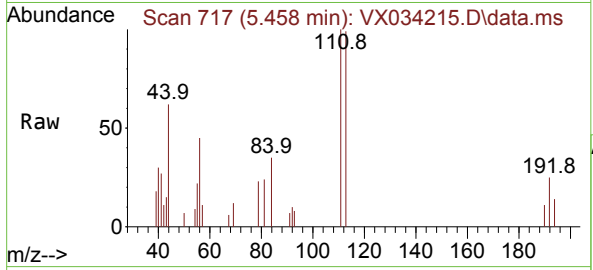




#31
Cyclohexane
Concen: 0.127 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

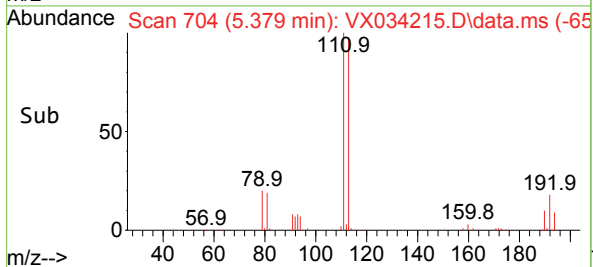
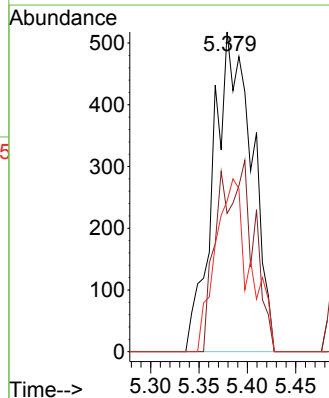
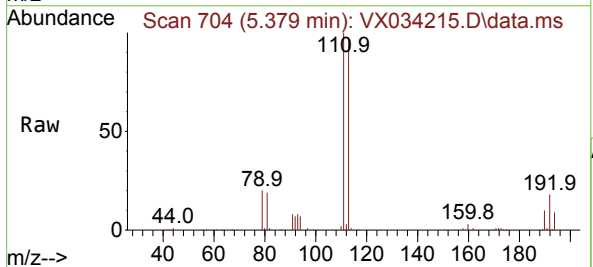
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB

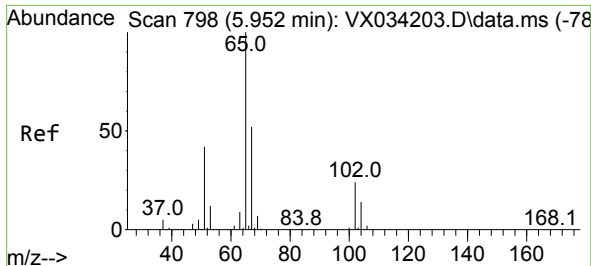
Tgt Ion:	56	Resp:	788
Ion	Ratio	Lower	Upper
56	100		
69	27.5	24.6	37.0
84	78.0	71.0	106.6



#32
1,1,1-Trichloroethane
Concen: 0.245 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:	97	Resp:	1440
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.3	78.5#
61	48.0	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 45.942 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

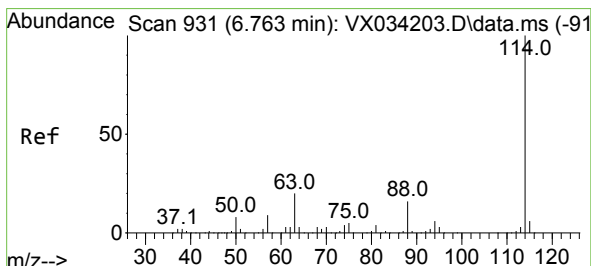
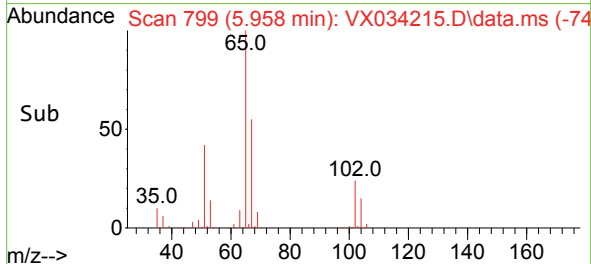
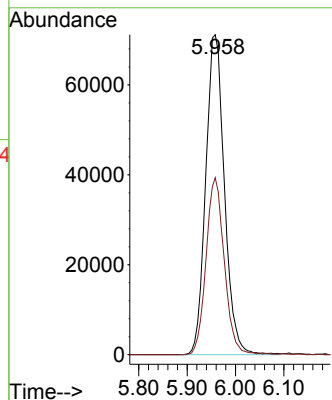
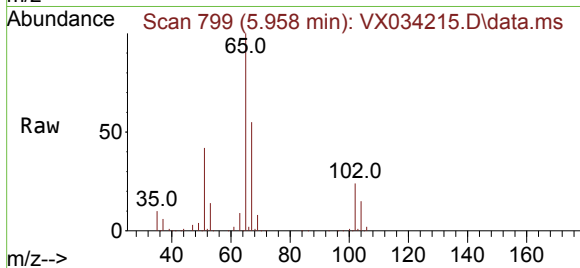
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 65 Resp: 191483

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

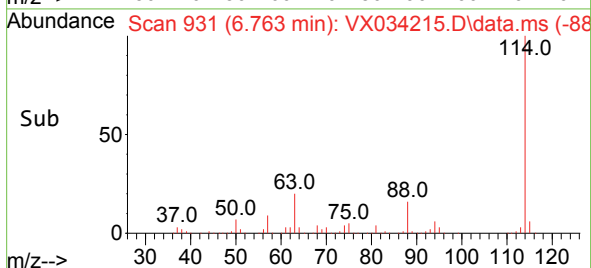
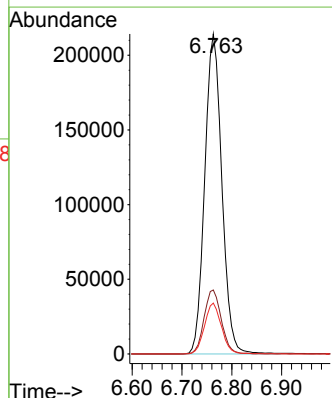
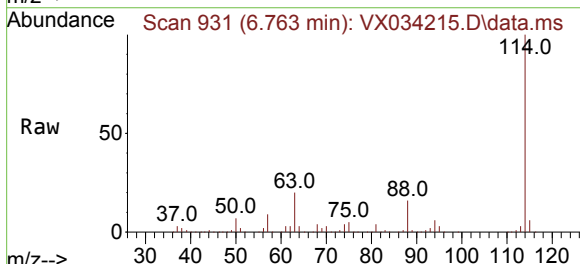
Tgt Ion: 114 Resp: 511156

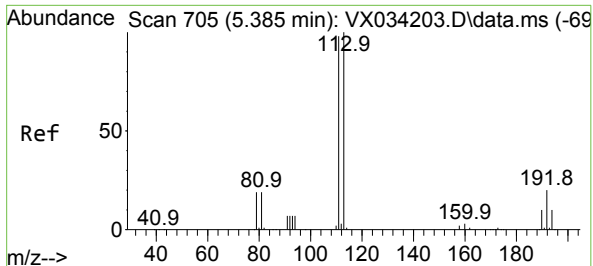
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.9 0.0 30.6

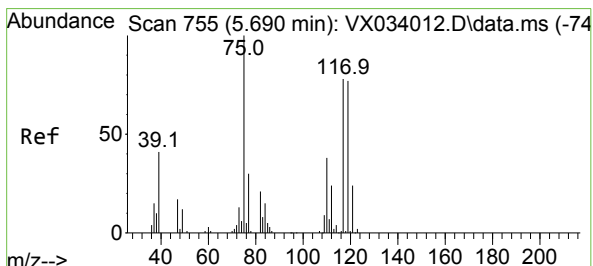
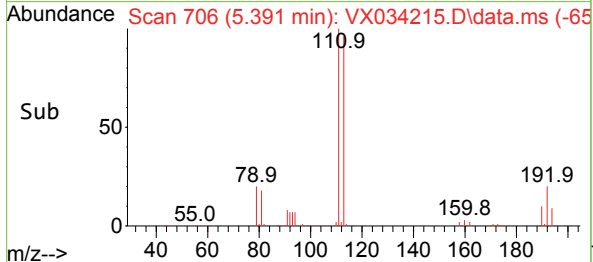
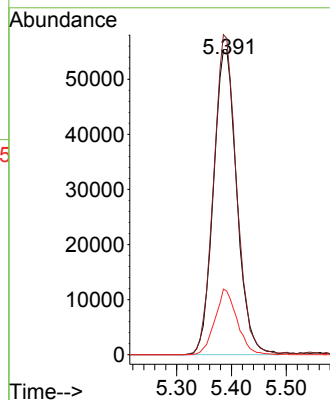
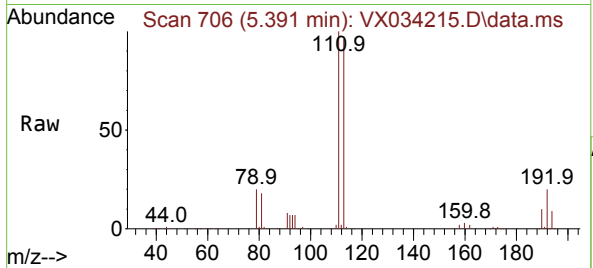




#35
Dibromofluoromethane
Concen: 49.334 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

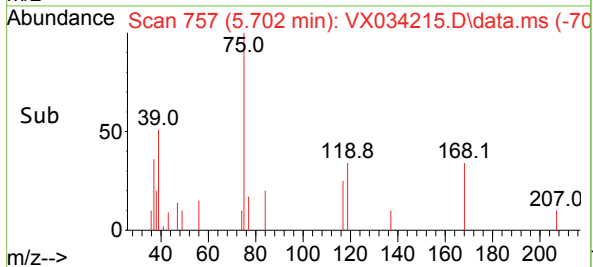
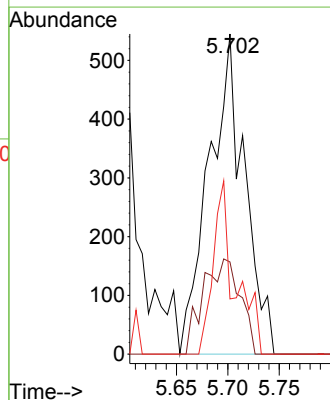
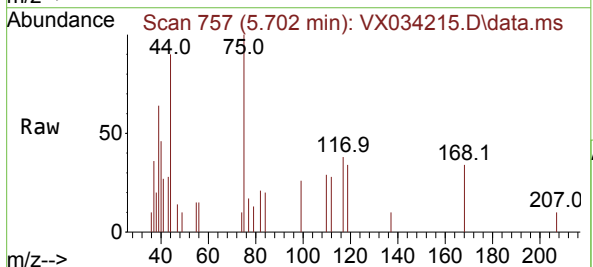
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

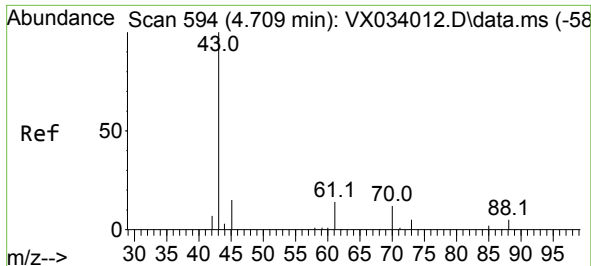
Tgt Ion:113 Resp: 164188
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 20.3 19.0 28.4



#36
1,1-Dichloropropene
Concen: 0.267 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 75 Resp: 1314
Ion Ratio Lower Upper
75 100
110 31.0 18.8 56.4
77 24.9 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.013 ug/l

RT: 4.696 min Scan# 594

Delta R.T. -0.012 min

Lab File: VX034215.D

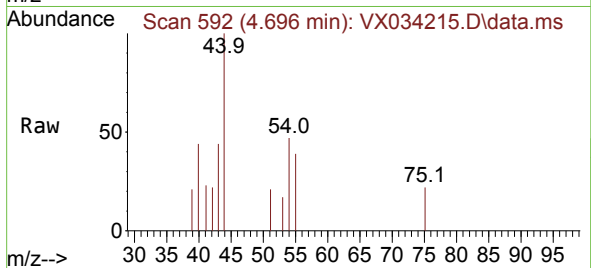
Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



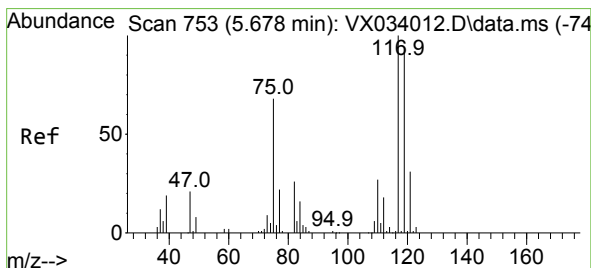
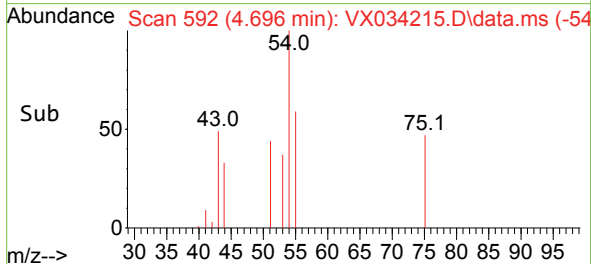
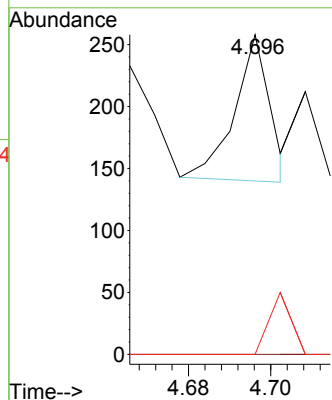
Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 26.1 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 0.297 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

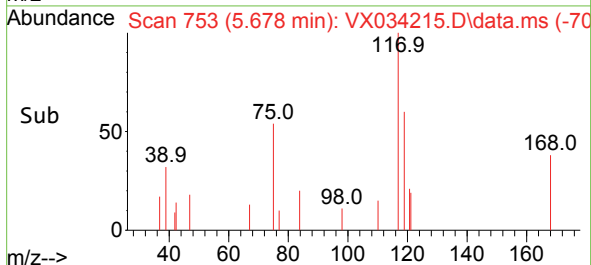
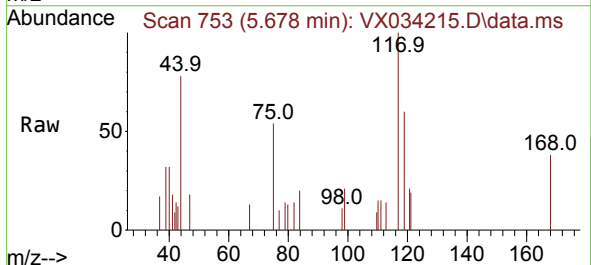
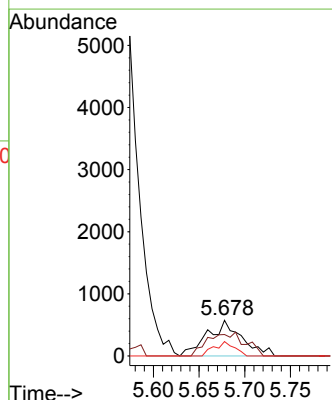
Tgt Ion: 117 Resp: 1504

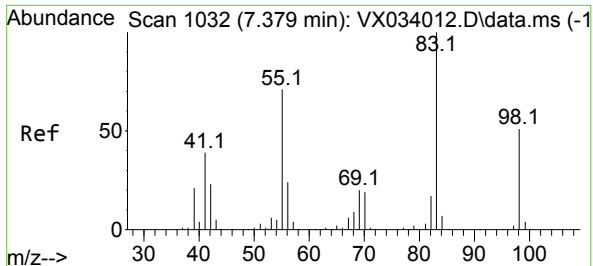
Ion Ratio Lower Upper

117 100

119 60.2 78.0 117.0#

121 40.5 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.262 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034215.D

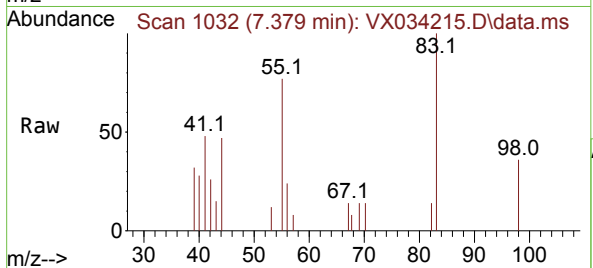
Acq: 21 Feb 2023 17:28

Instrument :

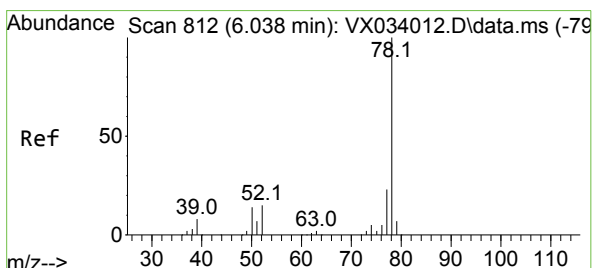
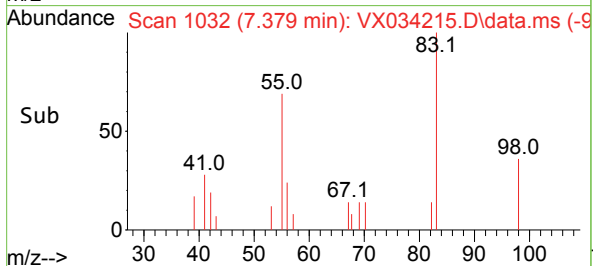
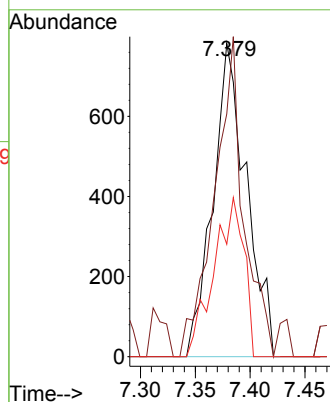
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 83	Resp: 1660
Ion Ratio	Lower Upper
83	100
55	77.5 61.8 92.6
98	35.9 39.3 58.9#



#40

Benzene

Concen: 0.233 ug/l

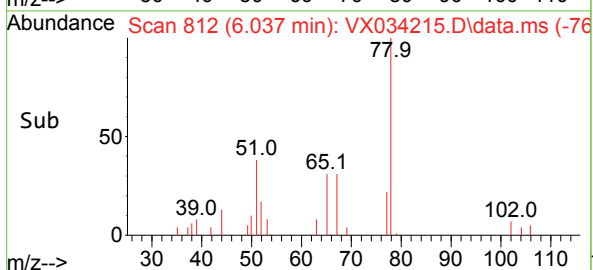
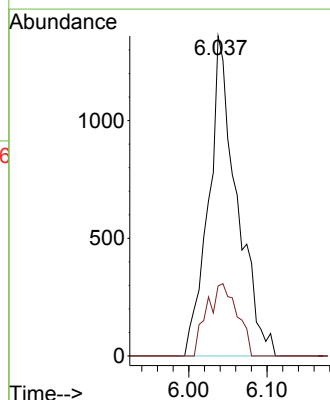
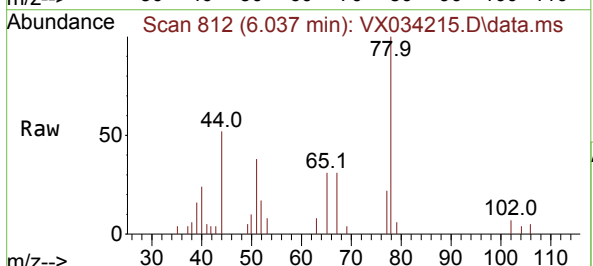
RT: 6.037 min Scan# 812

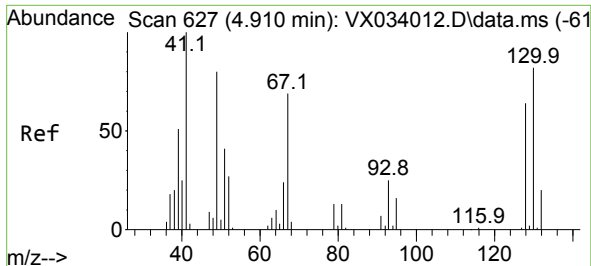
Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion: 78	Resp: 3392
Ion Ratio	Lower Upper
78	100
77	21.9 19.0 28.4

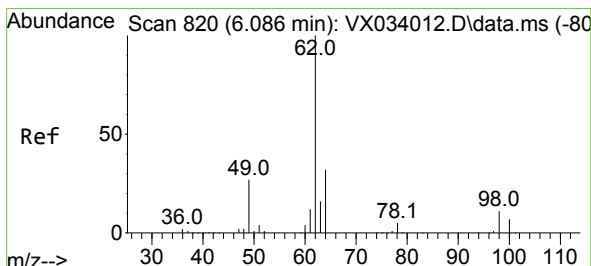
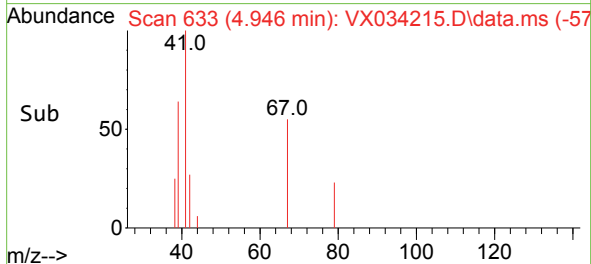
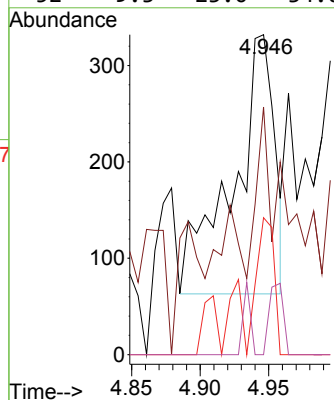
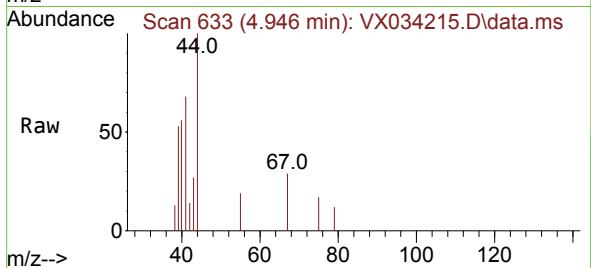




#41
Methacrylonitrile
Concen: 0.185 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.031 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

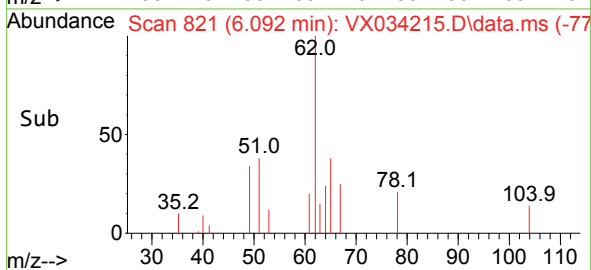
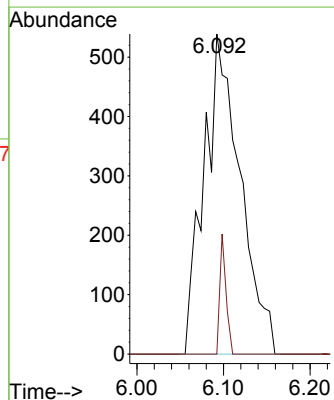
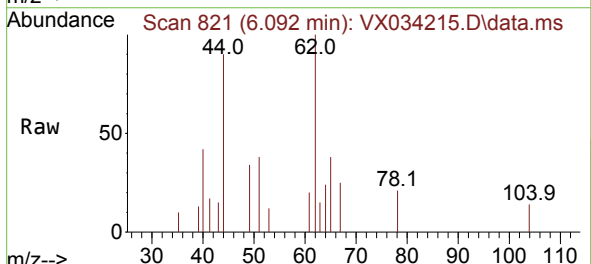
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

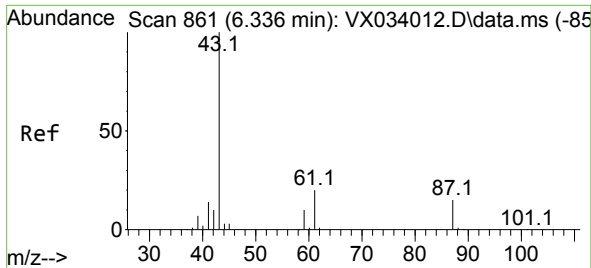
Tgt Ion:	41	Resp:	568
Ion	Ratio	Lower	Upper
41	100		
39	36.8	43.8	65.6#
67	22.4	54.8	82.2#
52	9.3	23.0	34.6#



#42
1,2-Dichloroethane
Concen: 0.305 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:	62	Resp:	1565
Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 0.189 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.018 min

Lab File: VX034215.D

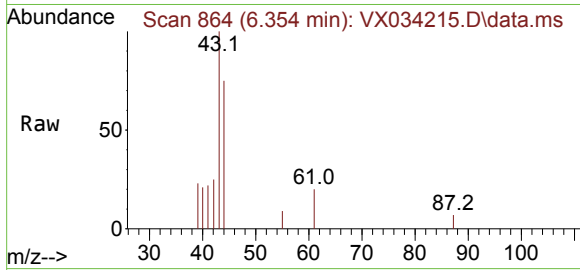
Acq: 21 Feb 2023 17:28

Instrument :

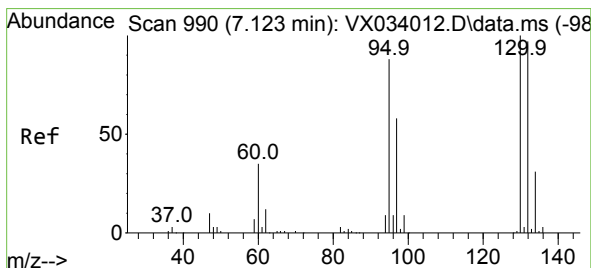
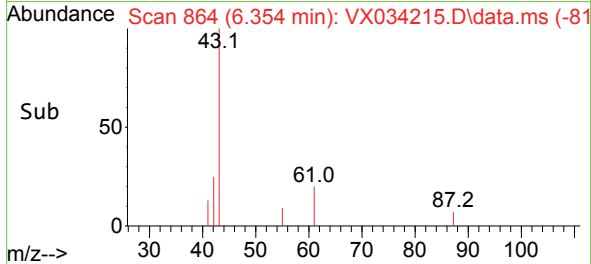
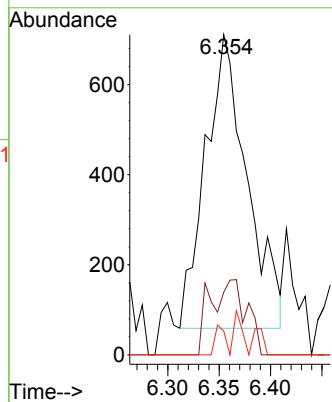
MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 43	Resp: 1839
Ion Ratio	Lower Upper
43 100	
61 7.4	15.7 23.5#
87 2.4	10.6 15.8#



#44

Trichloroethene

Concen: 0.276 ug/l

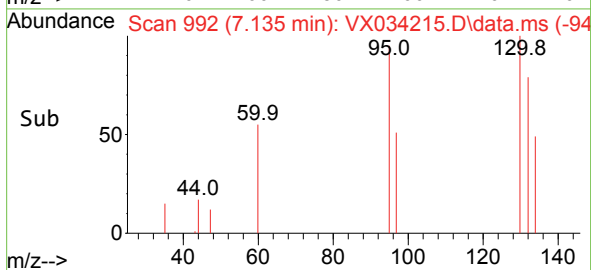
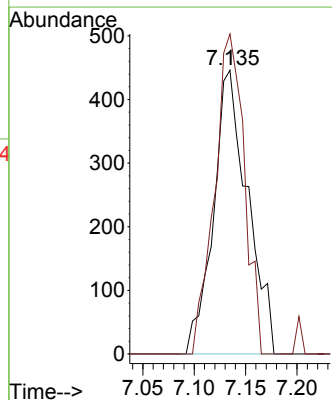
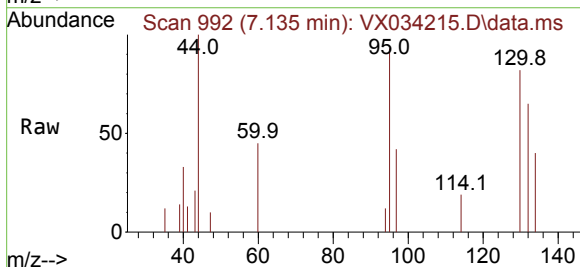
RT: 7.135 min Scan# 992

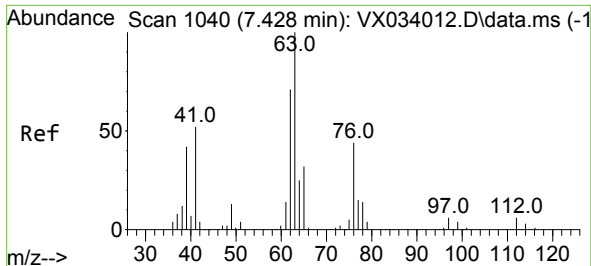
Delta R.T. 0.012 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion:130	Resp:	1032	
Ion	Ratio	Lower	Upper
130	100		
95	112.8	0.0	182.6

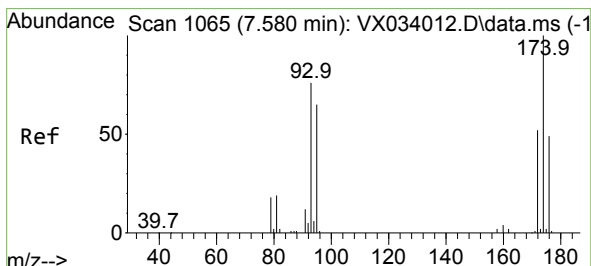
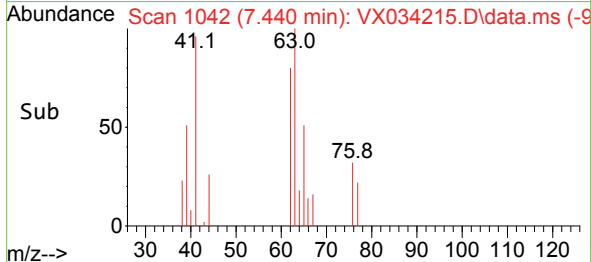
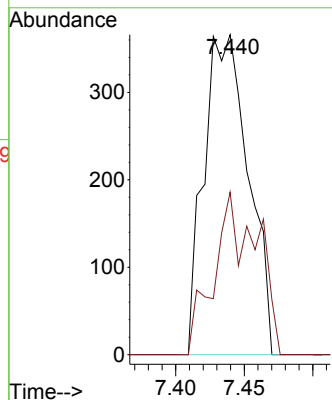
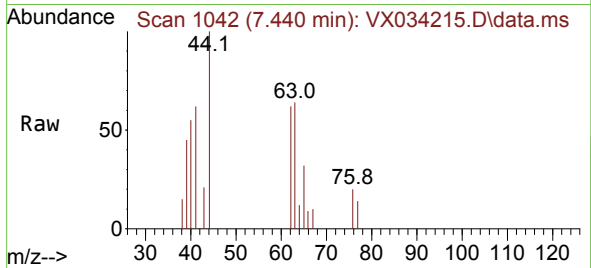




#45
1,2-Dichloropropane
Concen: 0.213 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

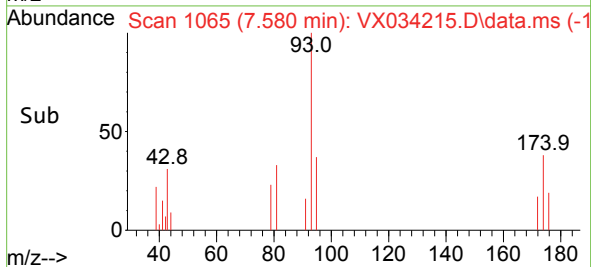
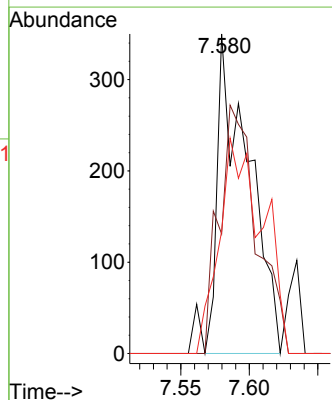
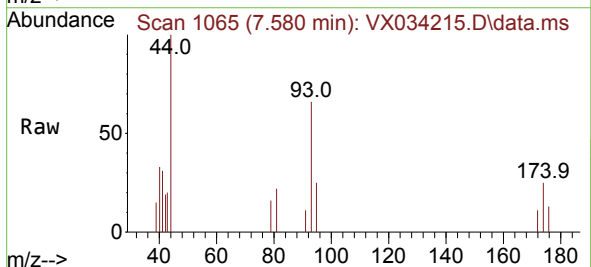
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

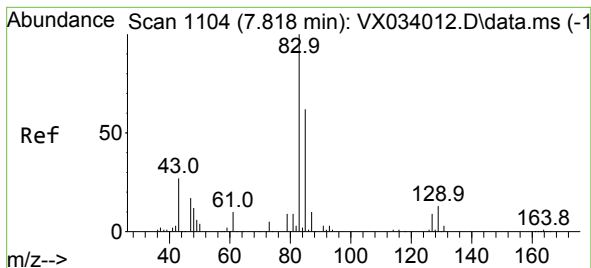
Tgt Ion: 63 Resp: 827
Ion Ratio Lower Upper
63 100
65 50.8 24.2 36.2#



#46
Dibromomethane
Concen: 0.223 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 93 Resp: 571
Ion Ratio Lower Upper
93 100
95 90.5 67.6 101.4
174 90.7 97.4 146.0#





#47

Bromodichloromethane

Concen: 0.221 ug/l

RT: 7.830 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VX034215.D

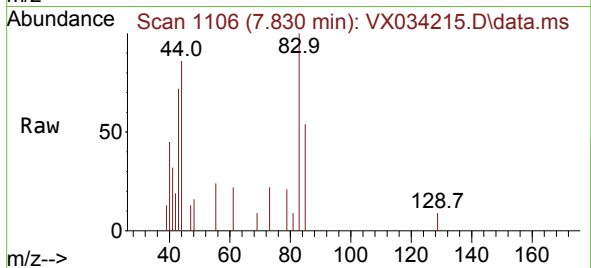
Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



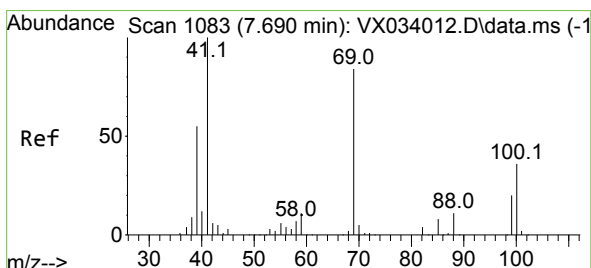
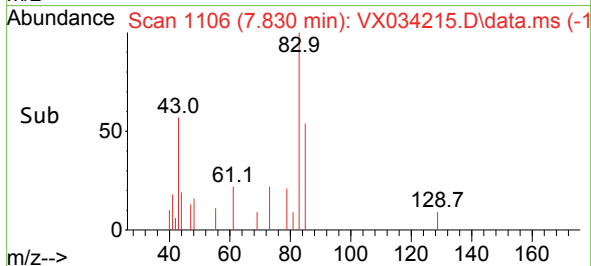
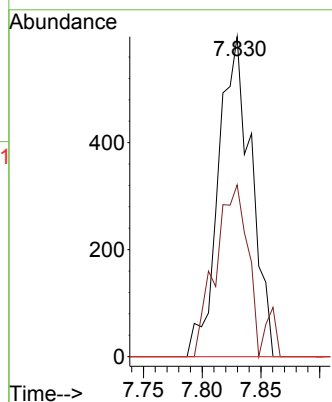
Tgt Ion: 83 Resp: 1159

Ion Ratio Lower Upper

83 100

85 53.7 49.8 74.6

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 0.279 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.024 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

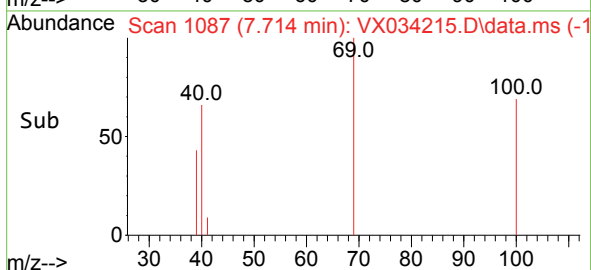
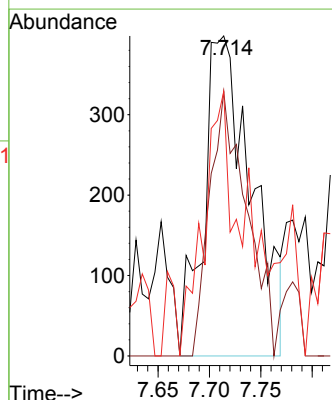
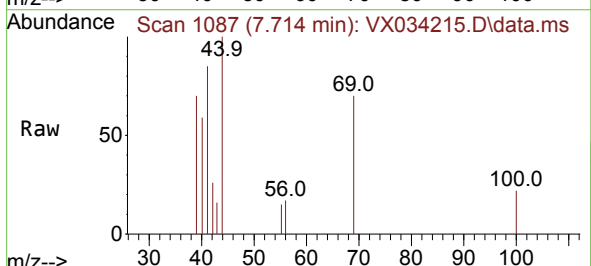
Tgt Ion: 41 Resp: 1284

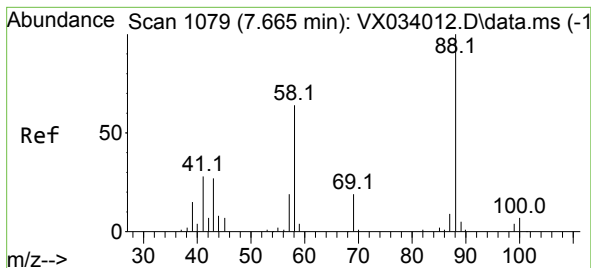
Ion Ratio Lower Upper

41 100

69 64.1 63.1 94.7

39 51.5 43.2 64.8





#49

1,4-Dioxane

Concen: 3.580 ug/l

RT: 7.677 min Scan# 110

Delta R.T. 0.024 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

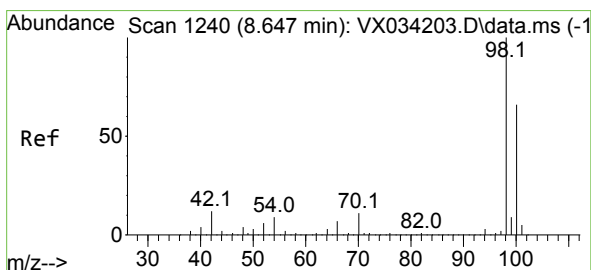
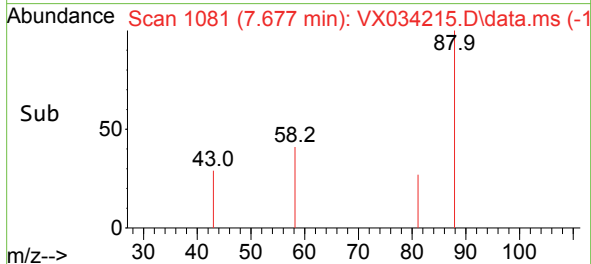
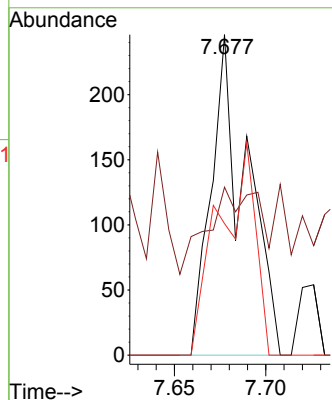
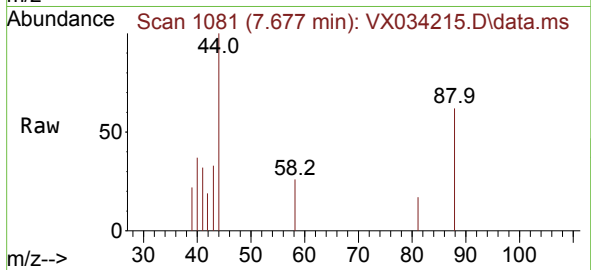
Tgt Ion: 88 Resp: 329

Ion Ratio Lower Upper

88 100

43 54.1 0.0 0.0#

58 67.8 56.5 84.7



#50

Toluene-d8

Concen: 50.874 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034215.D

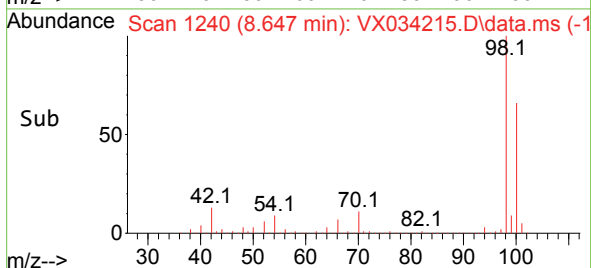
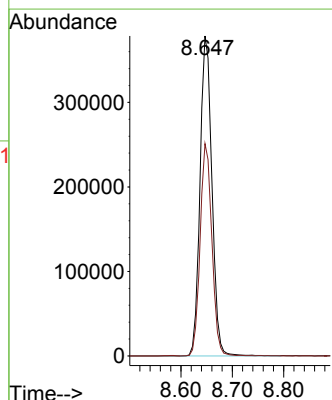
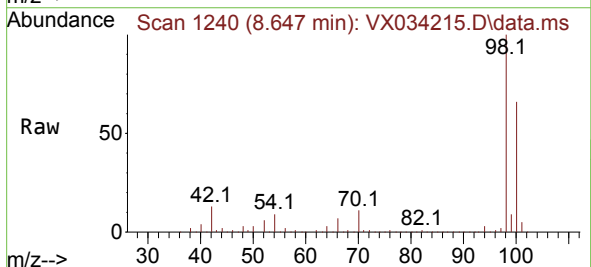
Acq: 21 Feb 2023 17:28

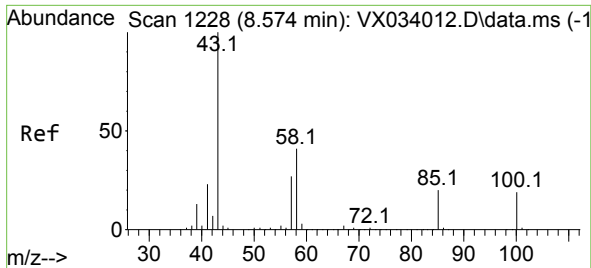
Tgt Ion: 98 Resp: 607897

Ion Ratio Lower Upper

98 100

100 65.6 53.6 80.4

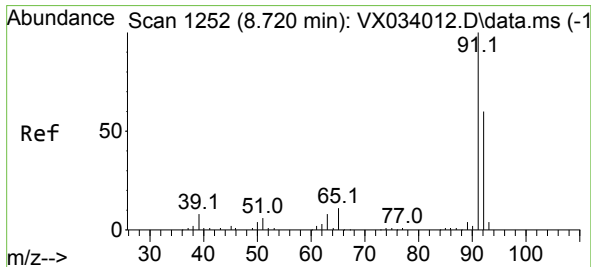
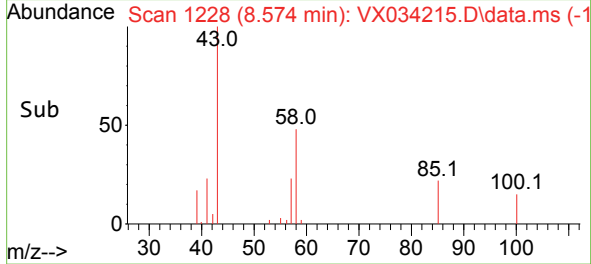
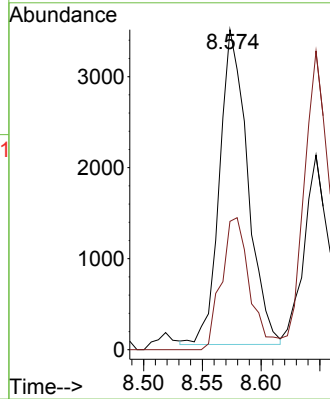
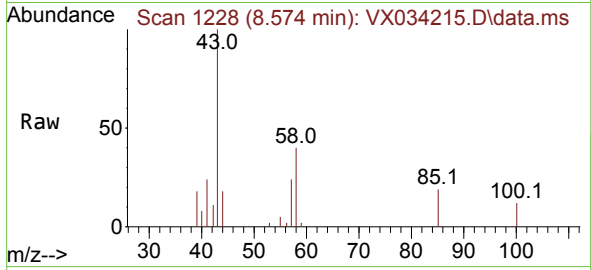




#51
4-Methyl-2-Pentanone
Concen: 1.080 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

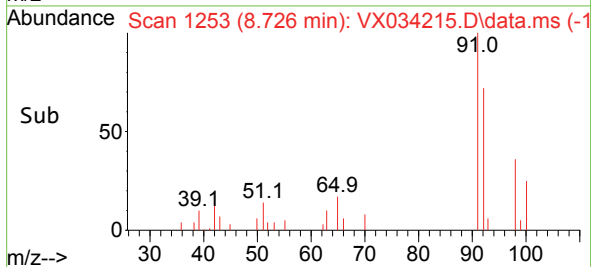
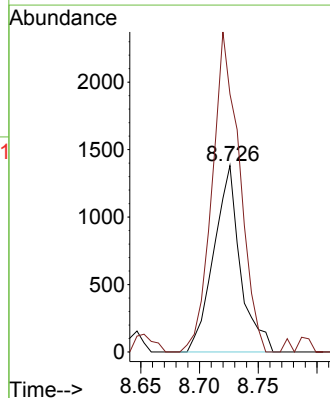
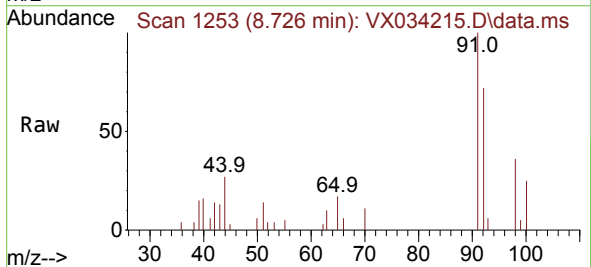
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB

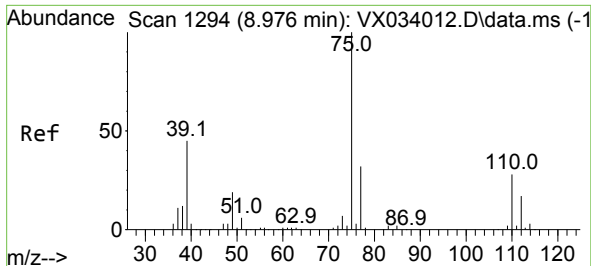
Tgt Ion: 43 Resp: 5768
Ion Ratio Lower Upper
43 100
58 42.6 31.2 46.8



#52
Toluene
Concen: 0.246 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 92 Resp: 2178
Ion Ratio Lower Upper
92 100
91 176.6 135.5 203.3

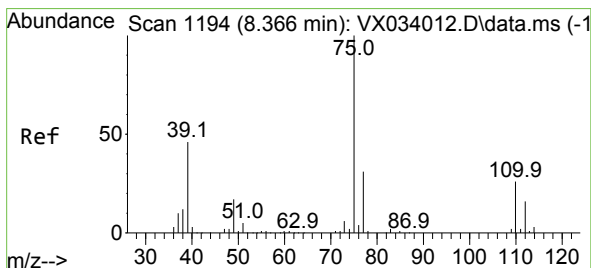
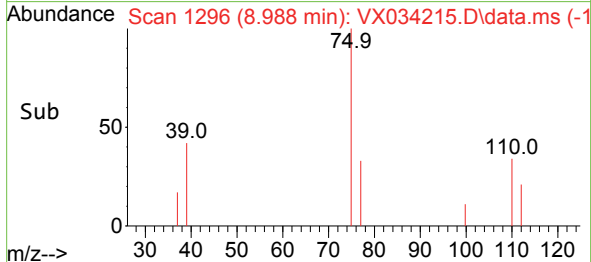
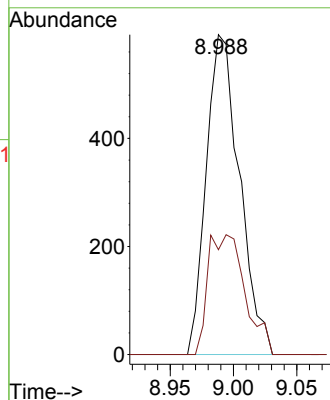
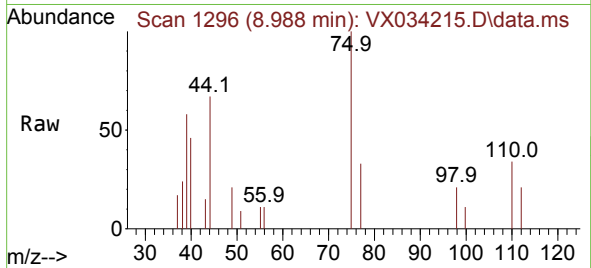




#53
 t-1,3-Dichloropropene
 Concen: 0.179 ug/l
 RT: 8.988 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

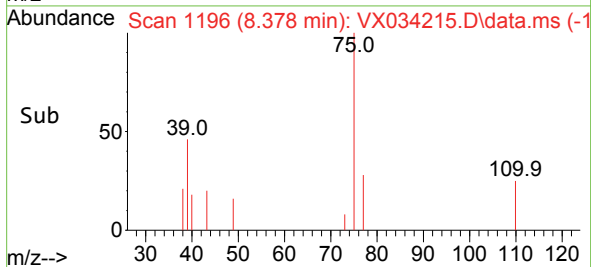
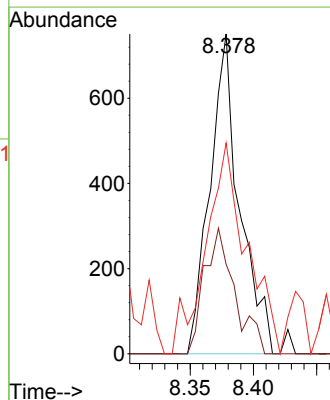
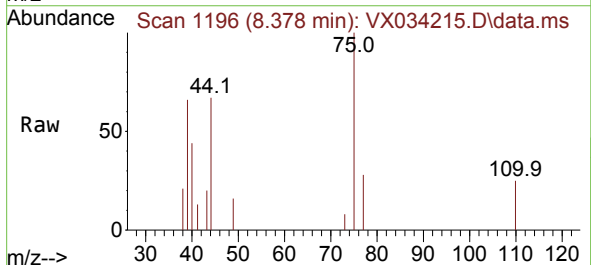
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023 .2PPB

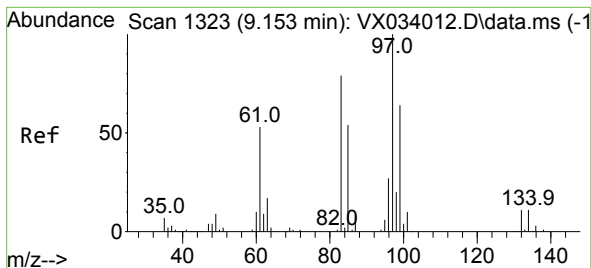
Tgt Ion: 75 Resp: 1083
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 0.190 ug/l
 RT: 8.378 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

Tgt Ion: 75 Resp: 1226
 Ion Ratio Lower Upper
 75 100
 77 28.0 25.0 37.6
 39 65.9 38.6 58.0#





#55

1,1,2-Trichloroethane

Concen: 0.227 ug/l

RT: 9.159 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034215.D

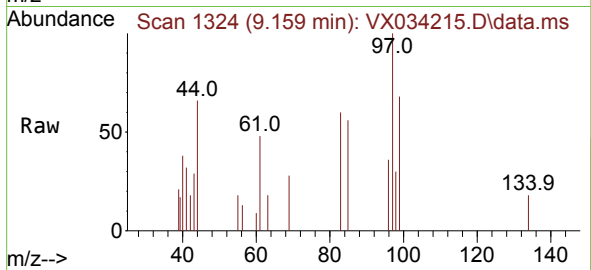
Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



Tgt Ion: 97 Resp: 810

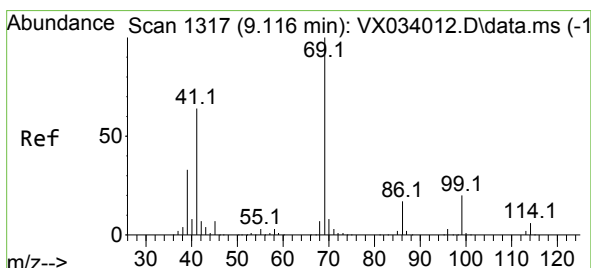
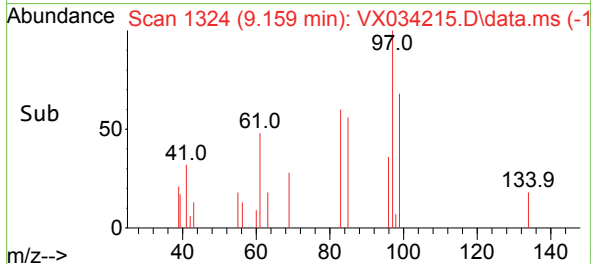
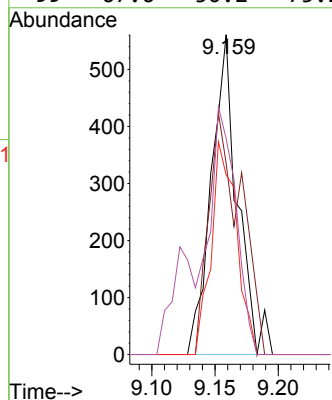
Ion Ratio Lower Upper

97 100

83 59.9 67.4 101.0#

85 56.1 43.2 64.8

99 67.6 50.2 75.2



#56

Ethyl methacrylate

Concen: 0.188 ug/l

RT: 9.128 min Scan# 1319

Delta R.T. 0.012 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

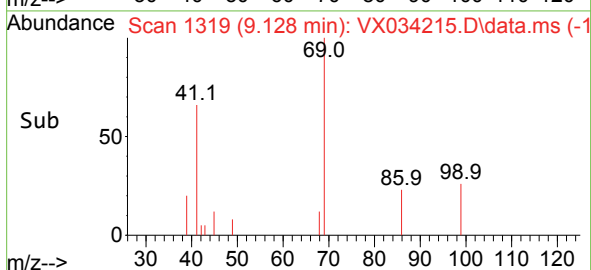
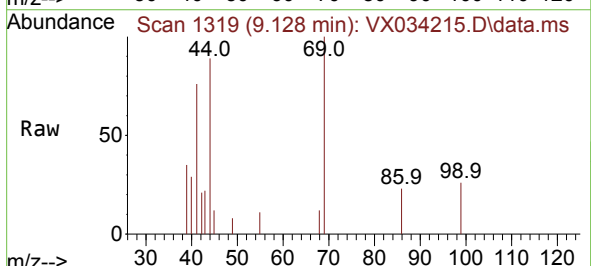
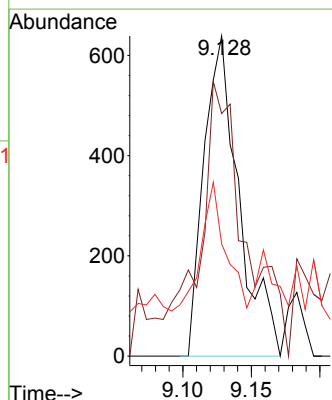
Tgt Ion: 69 Resp: 1134

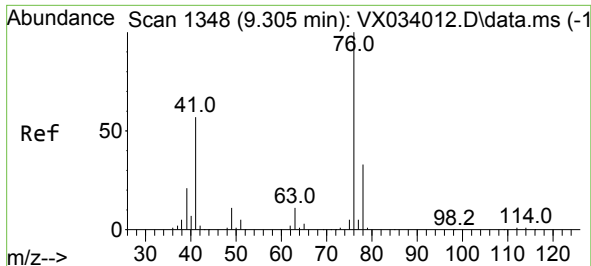
Ion Ratio Lower Upper

69 100

41 109.8 55.1 82.7#

39 28.6 28.5 42.7





#57

1,3-Dichloropropane

Concen: 0.243 ug/l

RT: 9.317 min Scan# 11350

Delta R.T. 0.012 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

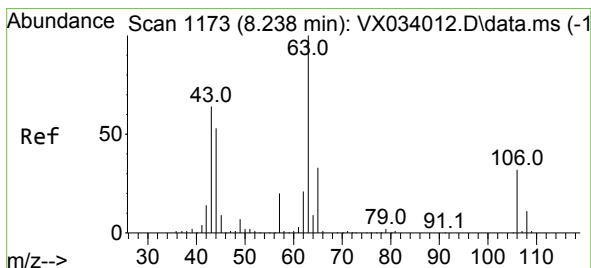
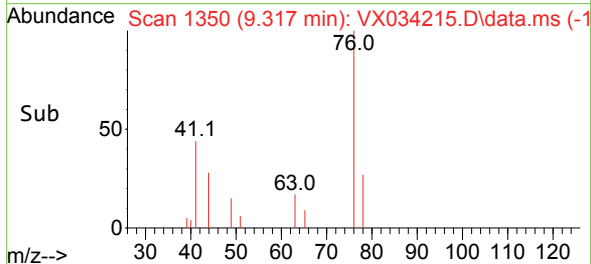
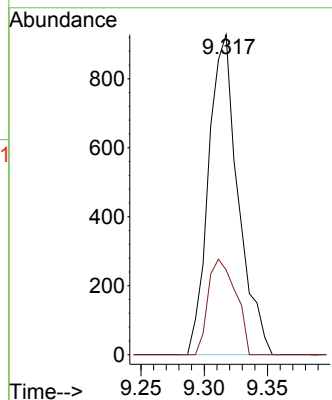
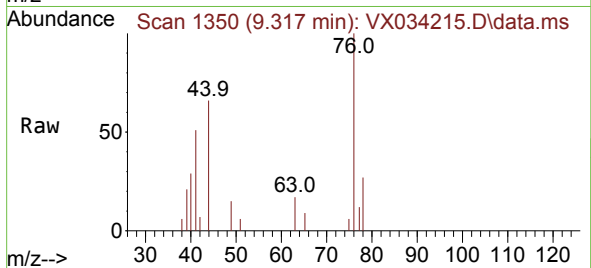
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion: 76 Resp: 1508

Ion Ratio Lower Upper

76 100

78 27.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 0.973 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.018 min

Lab File: VX034215.D

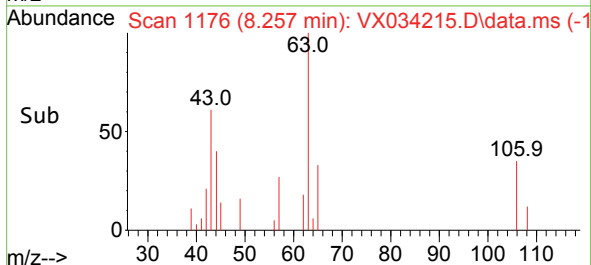
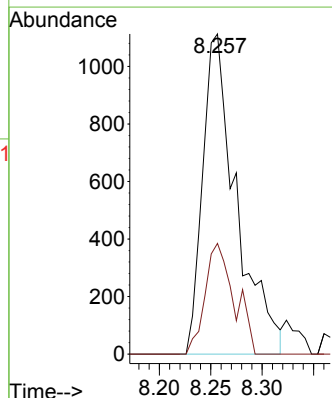
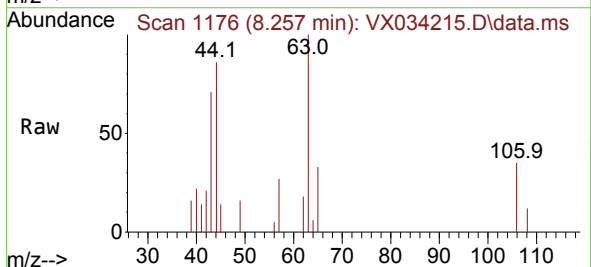
Acq: 21 Feb 2023 17:28

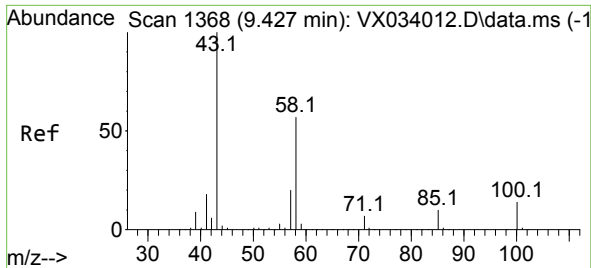
Tgt Ion: 63 Resp: 2543

Ion Ratio Lower Upper

63 100

106 30.0 24.5 36.7

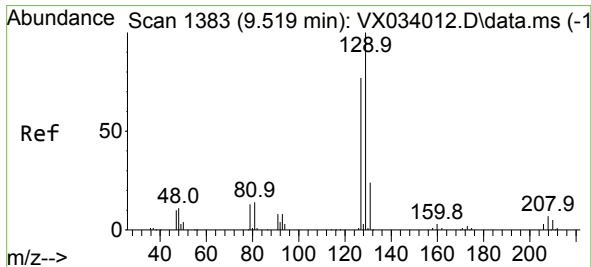
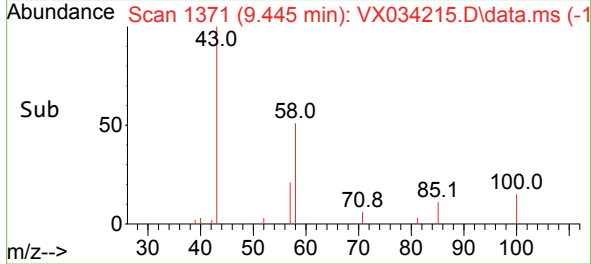
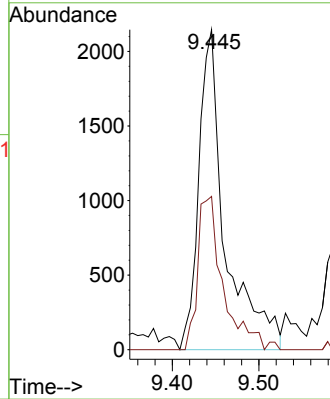
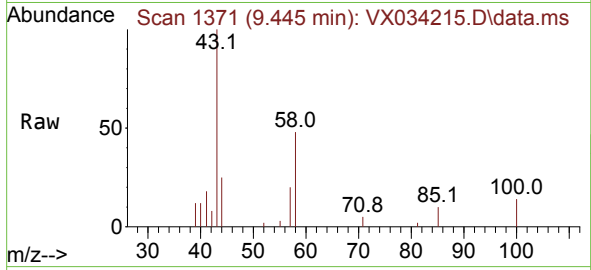




#59
2-Hexanone
Concen: 1.114 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

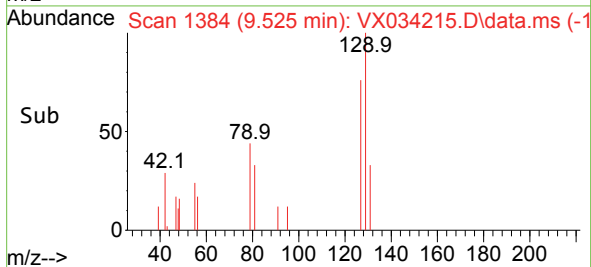
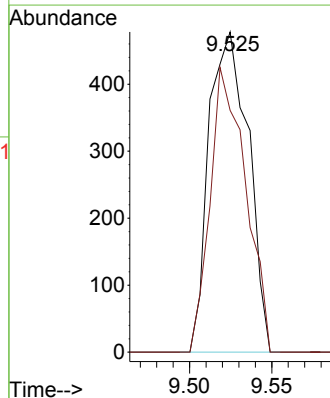
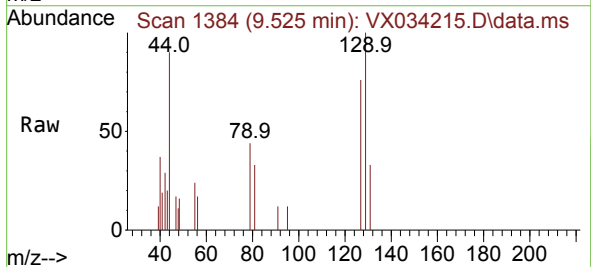
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

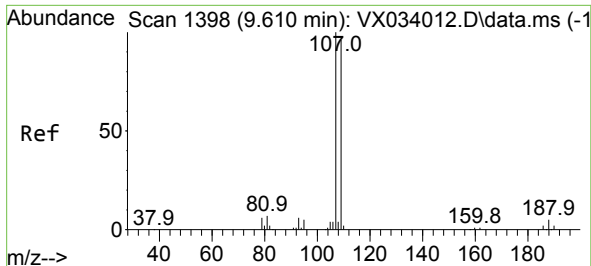
Tgt Ion: 43 Resp: 4533
Ion Ratio Lower Upper
43 100
58 46.3 27.4 82.0



#60
Dibromochloromethane
Concen: 0.202 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 129 Resp: 795
Ion Ratio Lower Upper
129 100
127 80.3 38.8 116.3

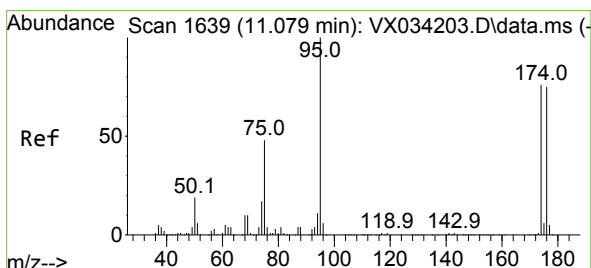
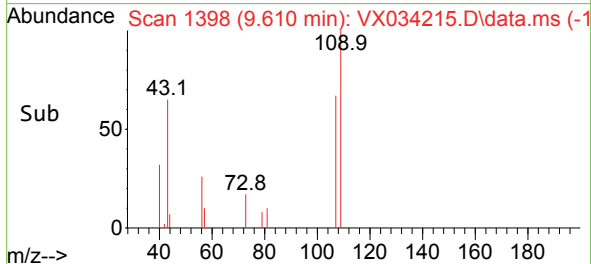
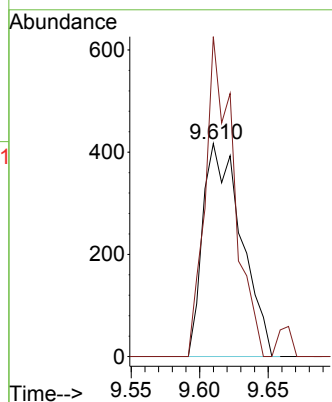
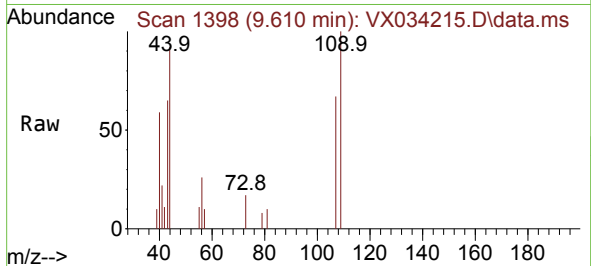




#61
1,2-Dibromoethane
Concen: 0.216 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

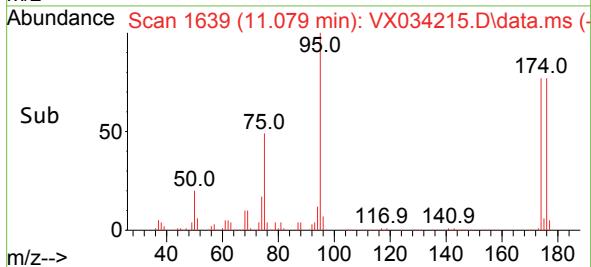
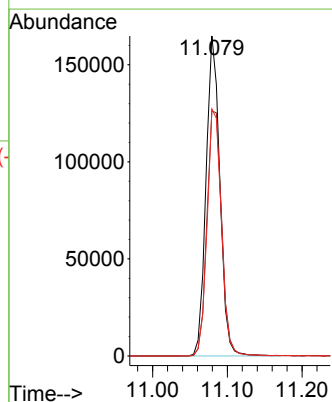
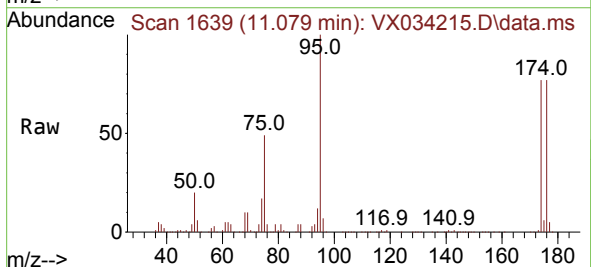
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

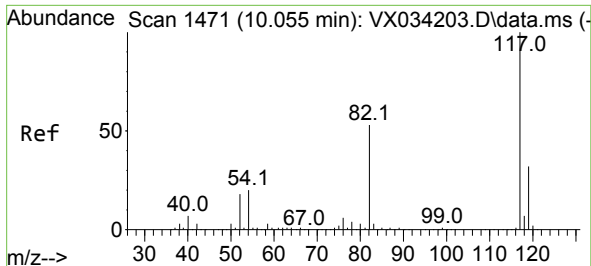
Tgt Ion:107 Resp: 814
Ion Ratio Lower Upper
107 100
109 110.8 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 46.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 95 Resp: 211730
Ion Ratio Lower Upper
95 100
174 81.9 0.0 184.4
176 79.8 0.0 178.8

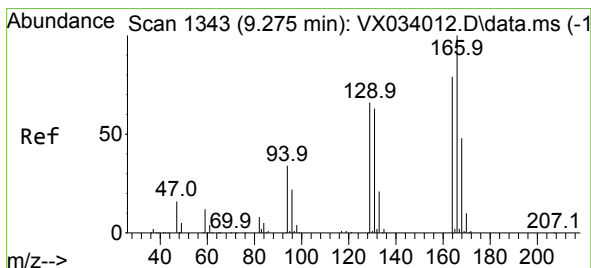
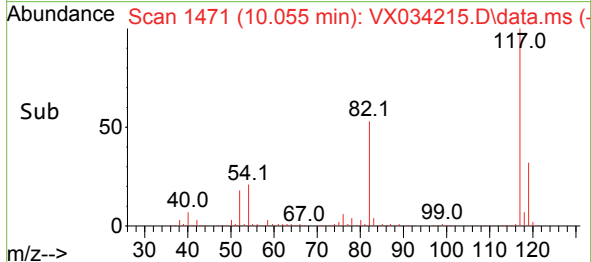
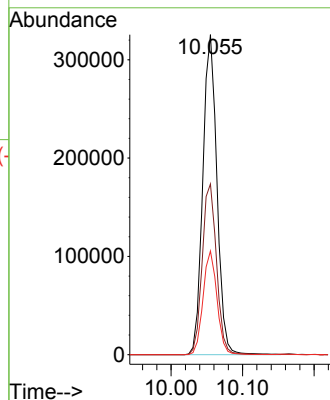
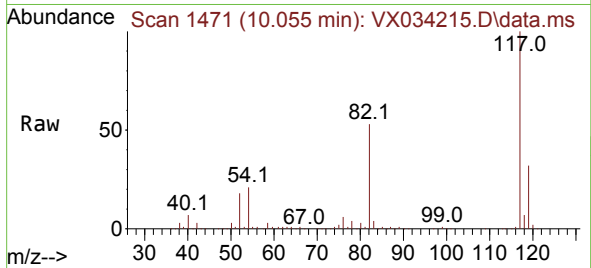




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

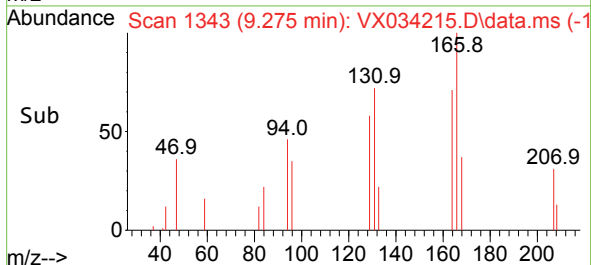
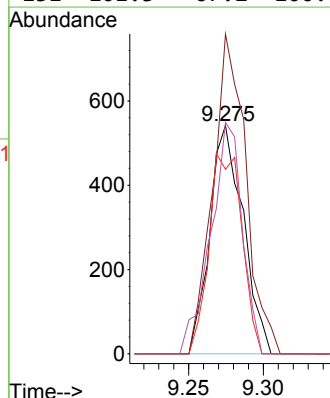
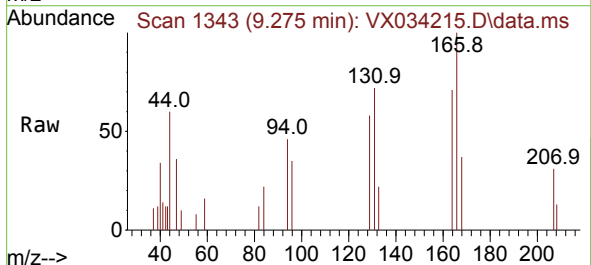
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB

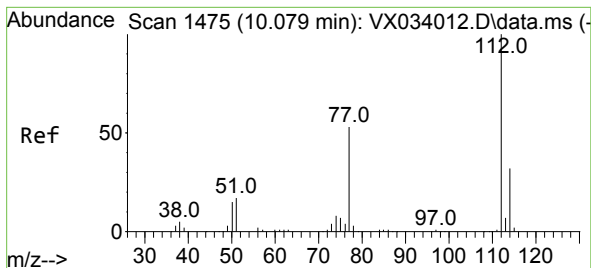
Tgt Ion:117 Resp: 447012
Ion Ratio Lower Upper
117 100
82 53.4 40.6 60.8
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 0.266 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:164 Resp: 839
Ion Ratio Lower Upper
164 100
166 140.0 100.2 150.2
129 80.8 69.2 103.8
131 101.3 67.2 100.8#

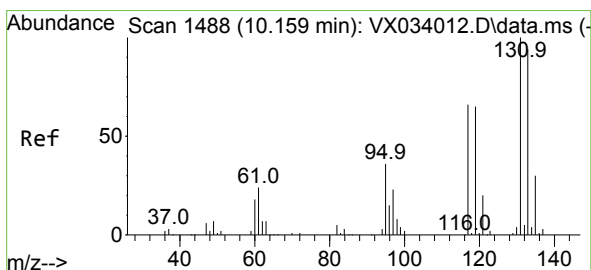
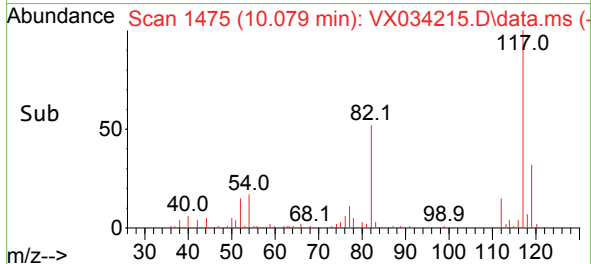
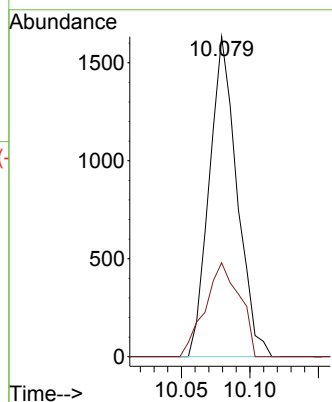
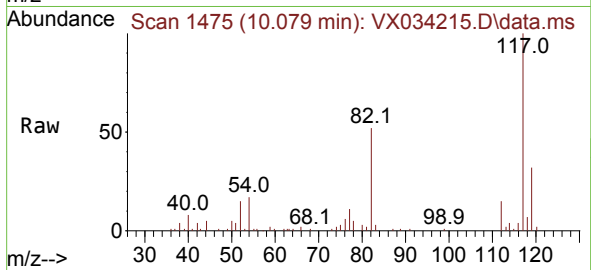




#65
Chlorobenzene
Concen: 0.247 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

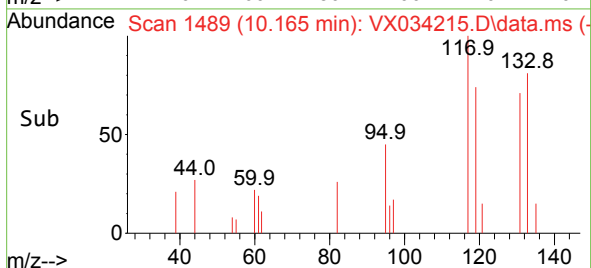
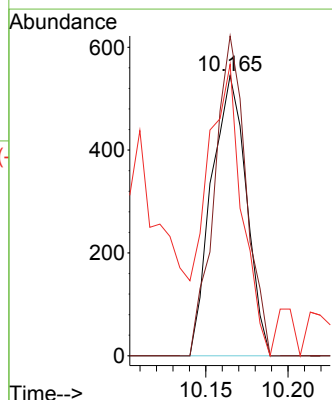
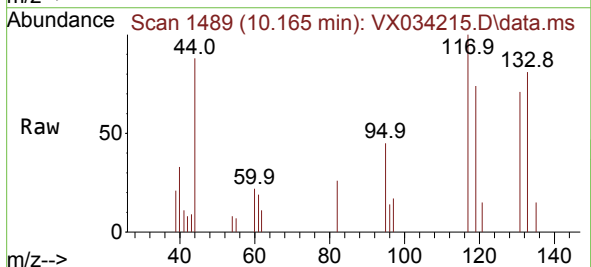
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

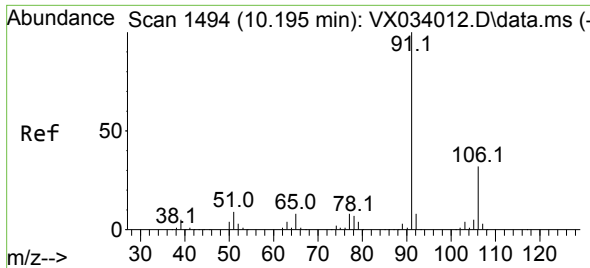
Tgt Ion:112 Resp: 2297
Ion Ratio Lower Upper
112 100
114 29.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.222 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:131 Resp: 802
Ion Ratio Lower Upper
131 100
133 104.1 48.4 145.0
119 0.0 31.9 95.7#

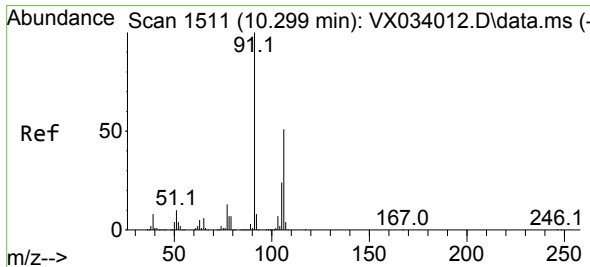
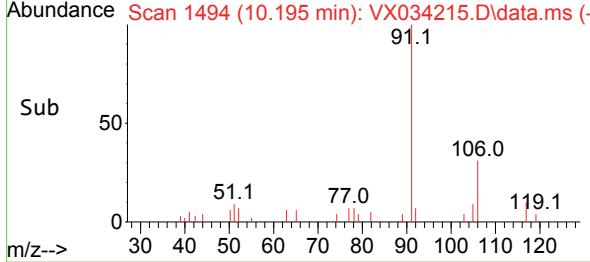
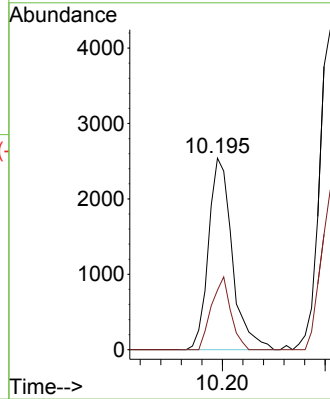
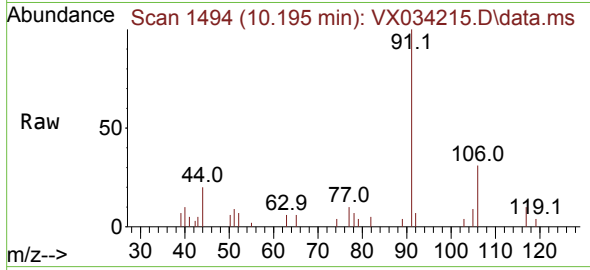




#67
Ethyl Benzene
Concen: 0.243 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

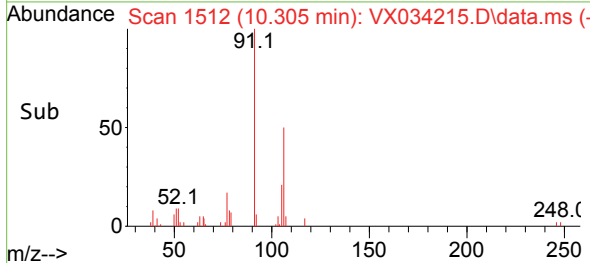
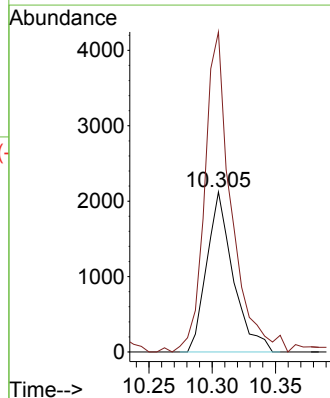
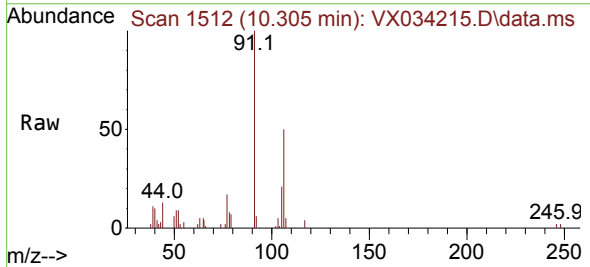
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB

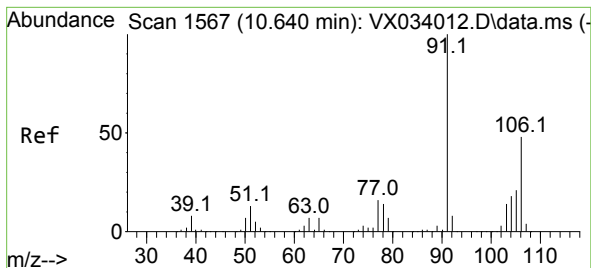
Tgt Ion: 91 Resp: 4065
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.8



#68
m/p-Xylenes
Concen: 0.481 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 106 Resp: 3079
Ion Ratio Lower Upper
106 100
91 203.3 156.4 234.6





#69

o-Xylene

Concen: 0.227 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

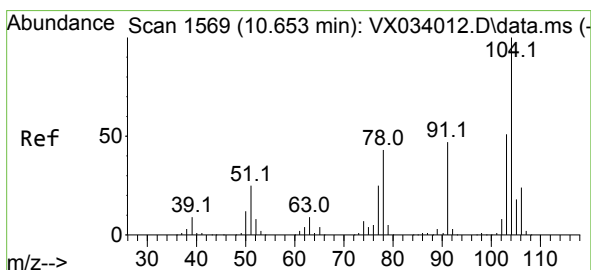
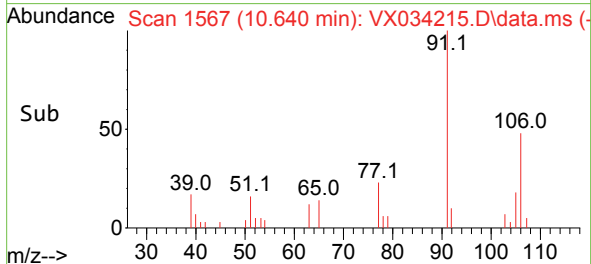
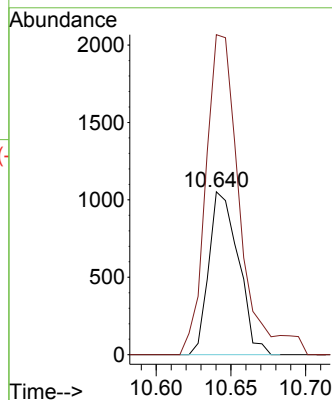
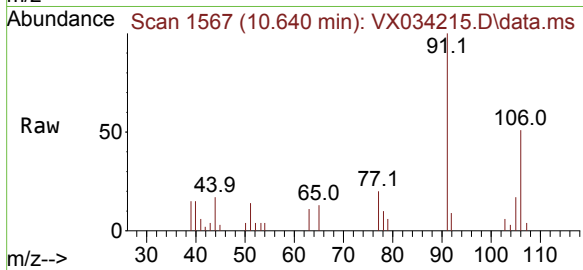
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion:106 Resp: 1448

Ion Ratio Lower Upper

106 100

91 224.8 103.1 309.3



#70

Styrene

Concen: 0.207 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

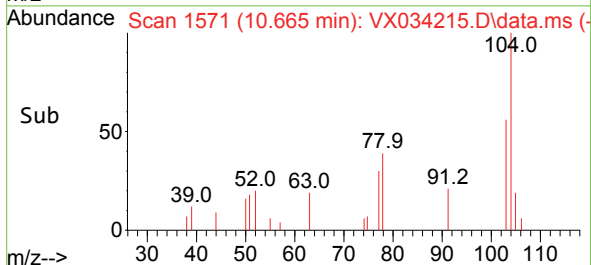
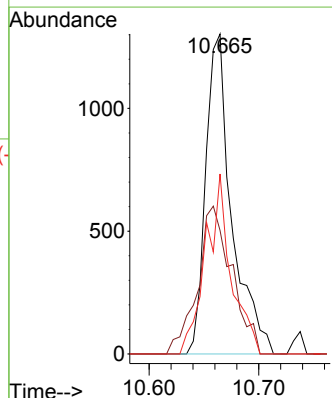
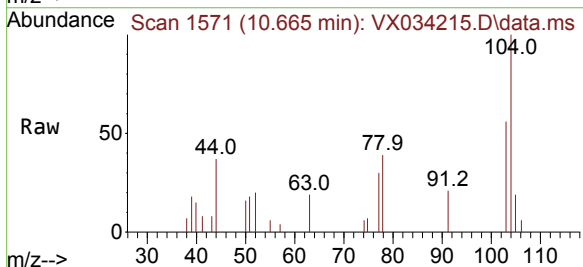
Tgt Ion:104 Resp: 2144

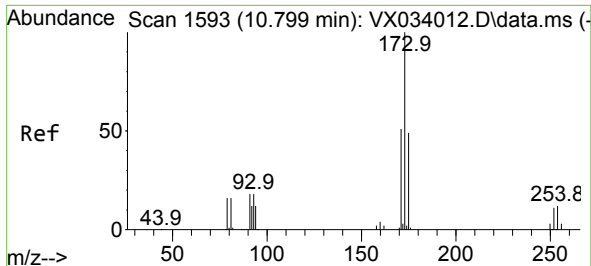
Ion Ratio Lower Upper

104 100

78 60.8 37.5 56.3#

103 55.0 43.3 64.9

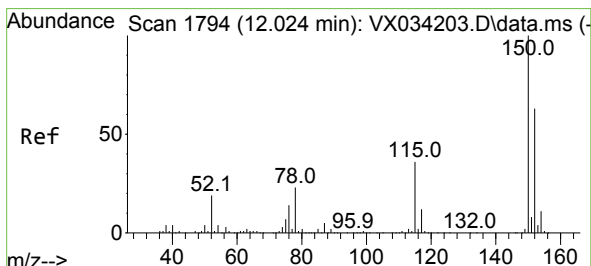
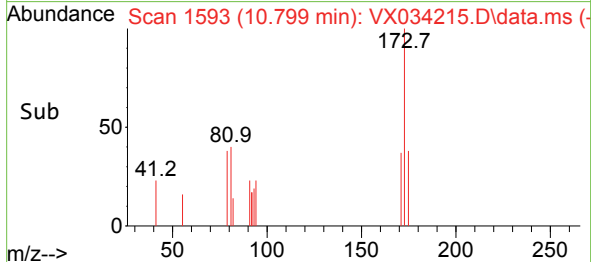
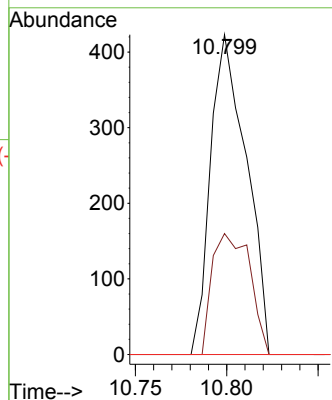
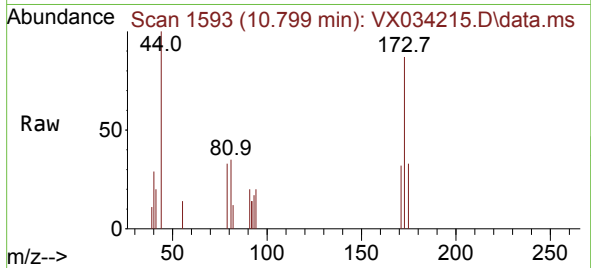




#71
Bromoform
Concen: 0.196 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

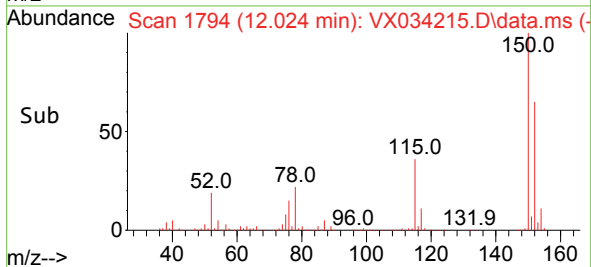
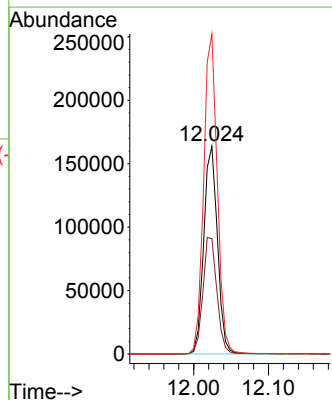
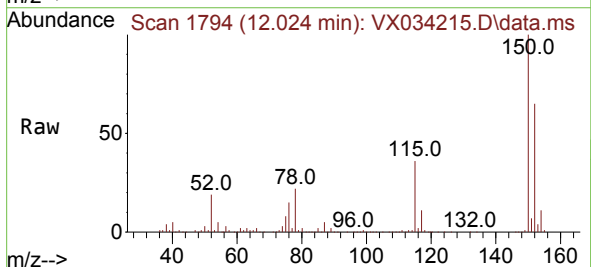
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

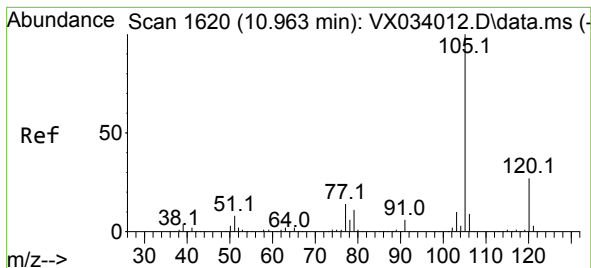
Tgt Ion:173 Resp: 576
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion:152 Resp: 208566
Ion Ratio Lower Upper
152 100
115 57.3 38.7 116.1
150 152.9 0.0 348.2





#73

Isopropylbenzene

Concen: 0.230 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

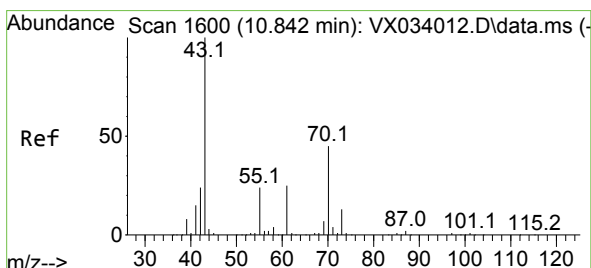
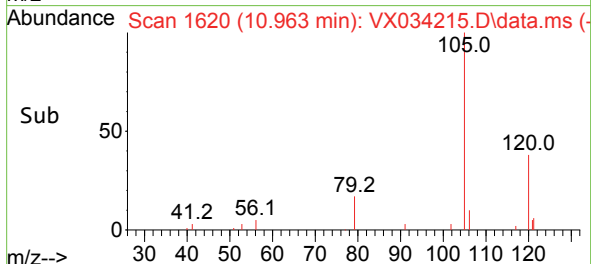
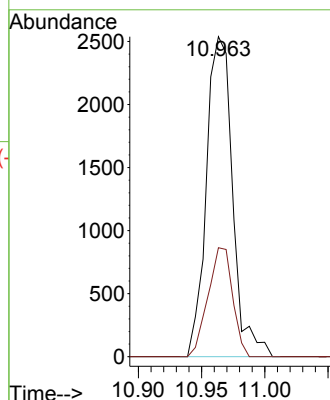
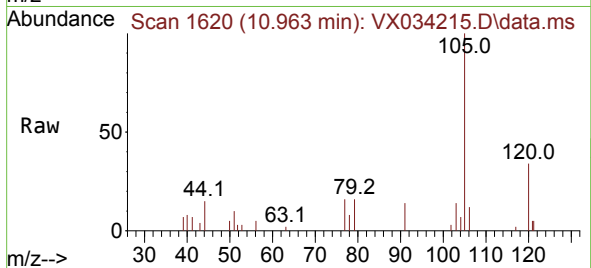
LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion:105 Resp: 3661

Ion Ratio Lower Upper

105 100

120 31.9 13.6 40.8



#74

N-ethyl acetate

Concen: 0.269 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion: 43 Resp: 2150

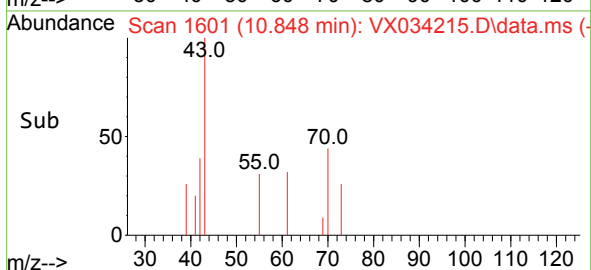
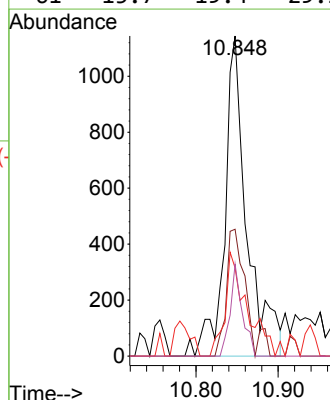
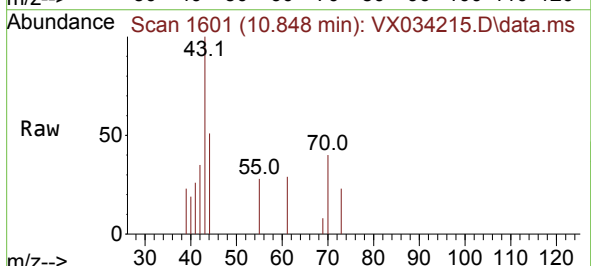
Ion Ratio Lower Upper

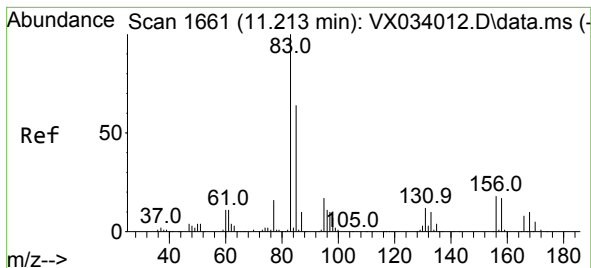
43 100

70 31.6 34.8 52.2#

55 31.6 19.4 29.0#

61 15.7 19.4 29.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.242 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

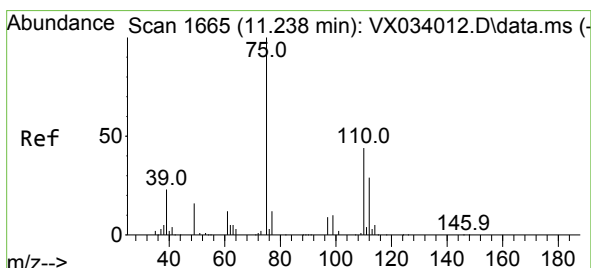
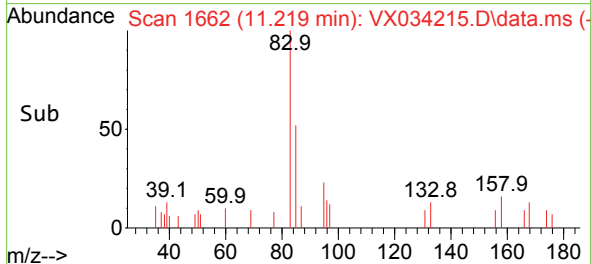
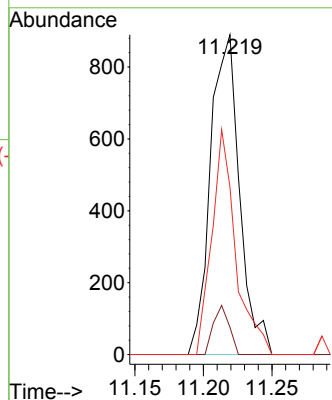
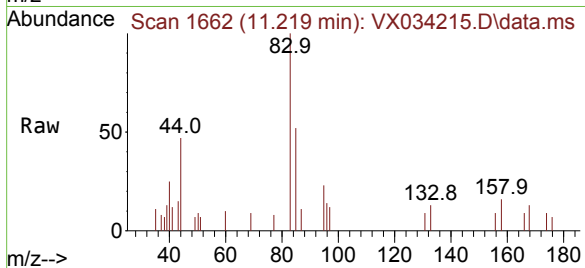
Tgt Ion: 83 Resp: 1313

Ion Ratio Lower Upper

83 100

131 8.4 5.5 16.7

85 57.7 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 19.896 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034215.D

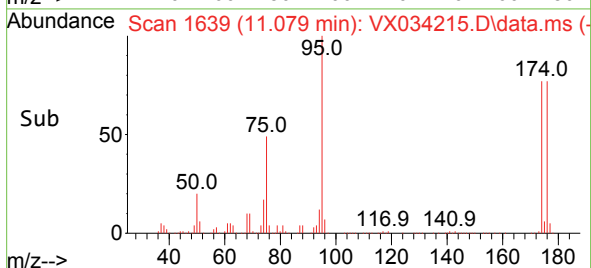
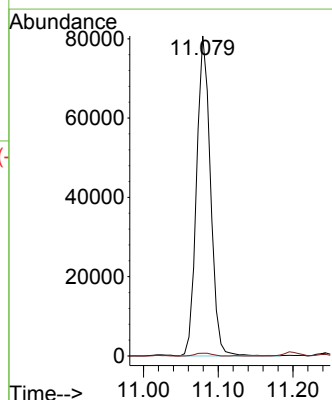
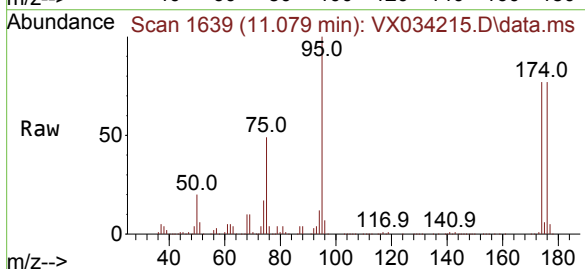
Acq: 21 Feb 2023 17:28

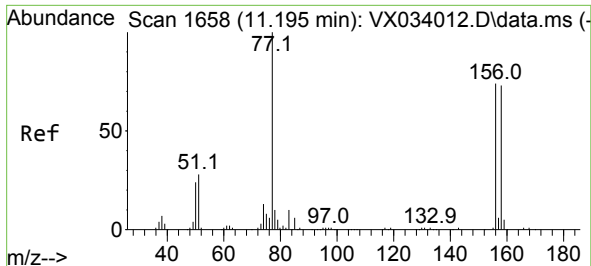
Tgt Ion: 75 Resp: 104417

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#

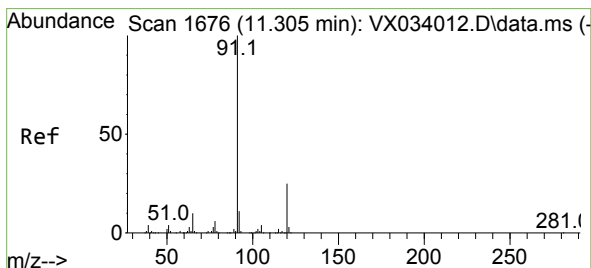
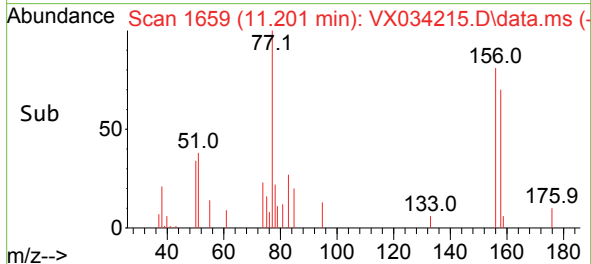
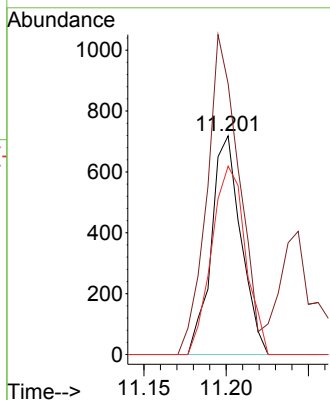
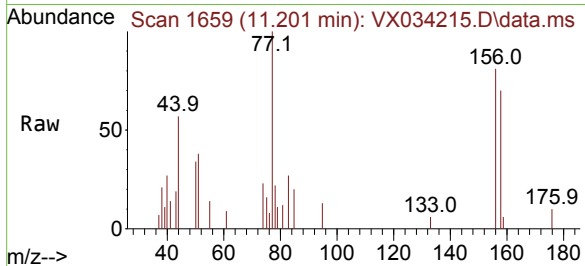




#77
Bromobenzene
Concen: 0.236 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

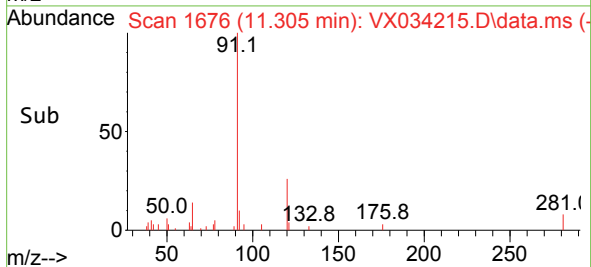
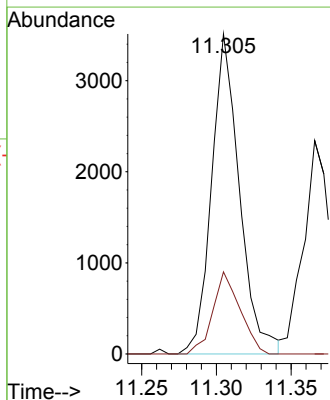
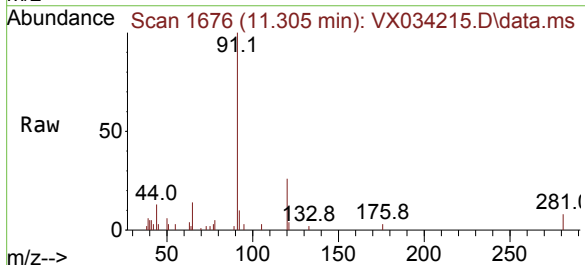
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

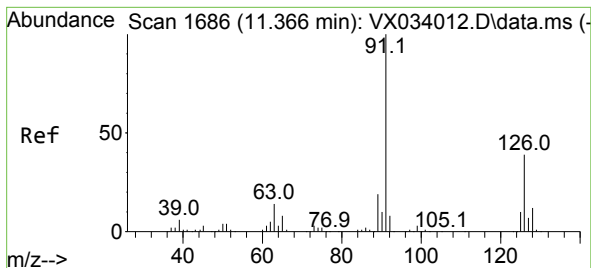
Tgt Ion:156 Resp: 901
Ion Ratio Lower Upper
156 100
77 162.4 68.1 204.3
158 98.8 48.0 144.2



#78
n-propylbenzene
Concen: 0.247 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 91 Resp: 4561
Ion Ratio Lower Upper
91 100
120 25.1 12.3 36.8

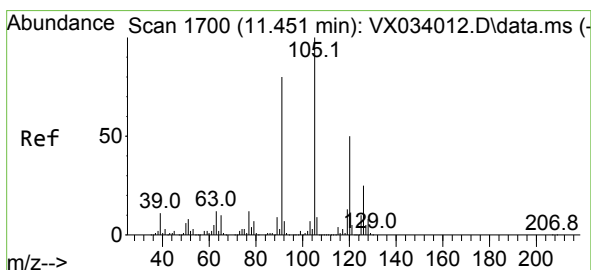
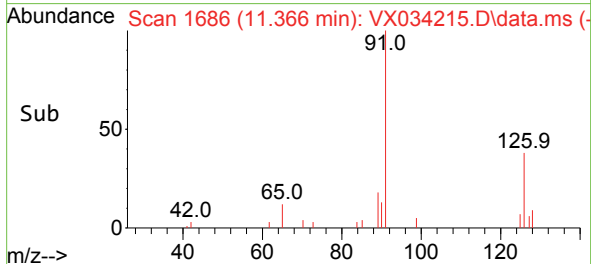
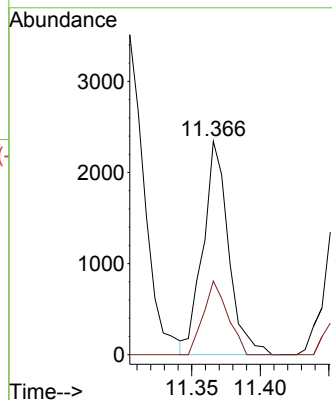
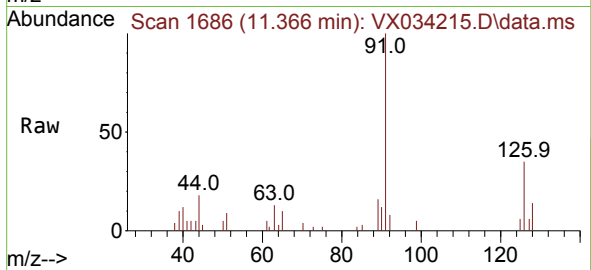




#79
2-Chlorotoluene
Concen: 0.268 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

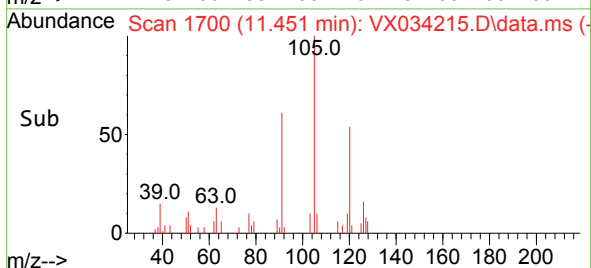
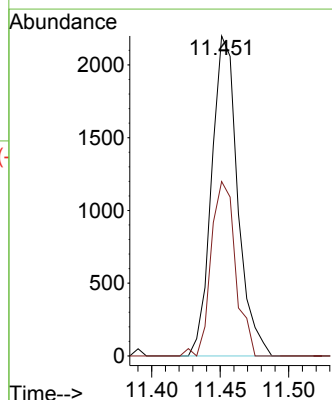
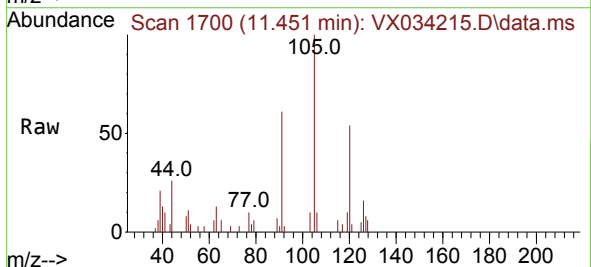
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB

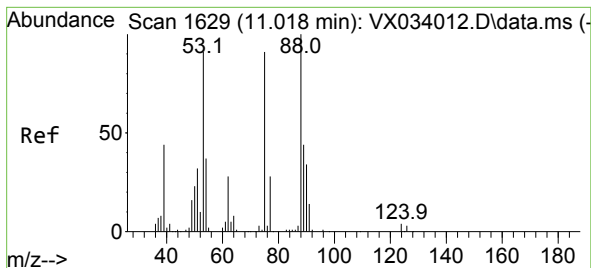
Tgt Ion: 91 Resp: 3037
Ion Ratio Lower Upper
91 100
126 32.9 18.1 54.1



#80
1,3,5-Trimethylbenzene
Concen: 0.218 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 105 Resp: 2909
Ion Ratio Lower Upper
105 100
120 50.9 25.6 76.8

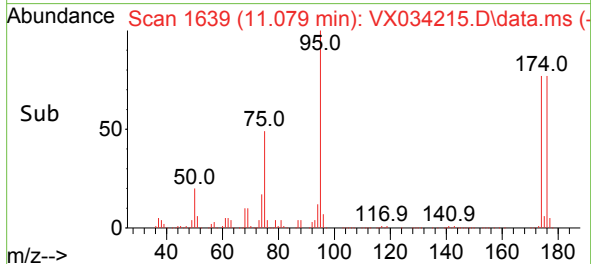
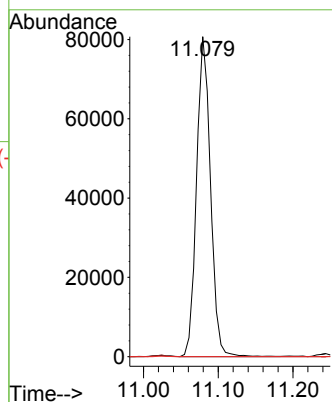
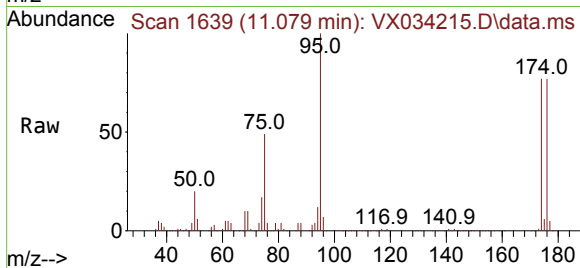




#81
trans-1,4-Dichloro-2-butene
Concen: 51.111 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

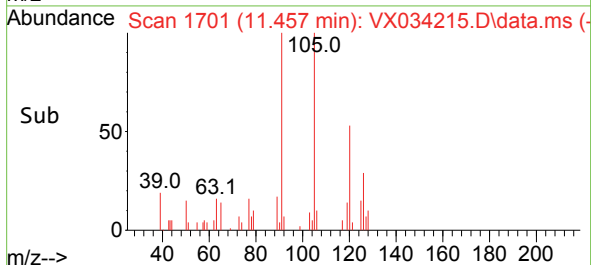
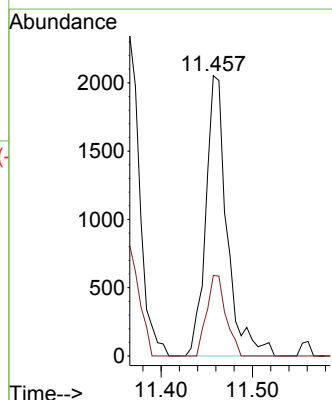
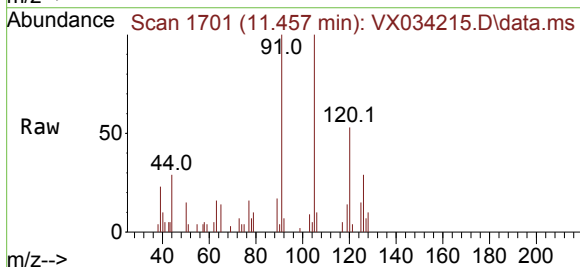
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023 .2PPB

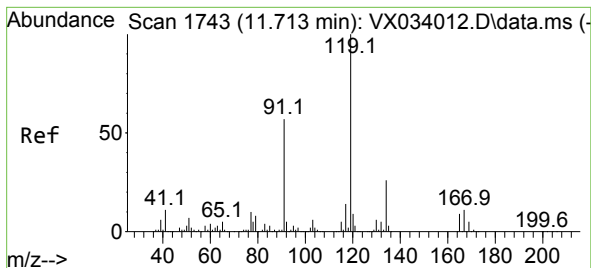
Tgt Ion: 75 Resp: 104417
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: 0.257 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034215.D
Acq: 21 Feb 2023 17:28

Tgt Ion: 91 Resp: 3317
Ion Ratio Lower Upper
91 100
126 25.9 15.8 47.4





#83

tert-Butylbenzene

Concen: 0.233 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

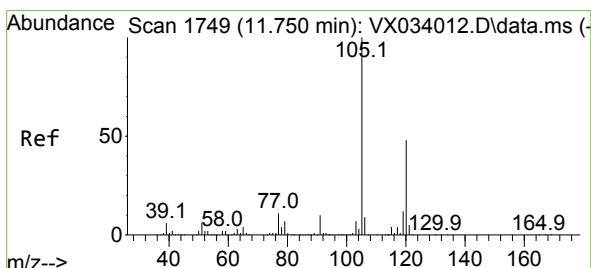
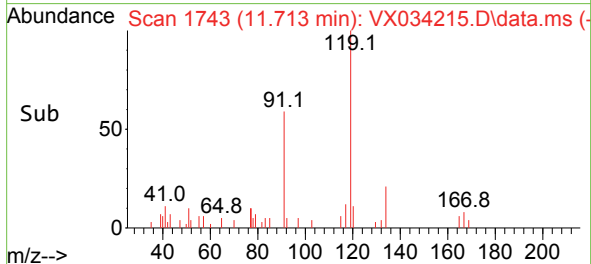
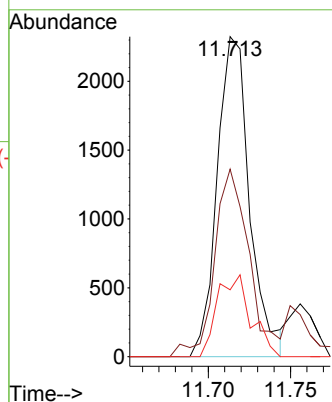
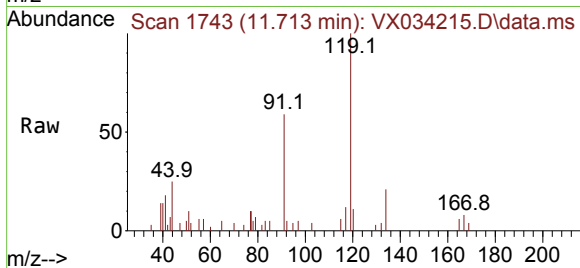
Tgt Ion:119 Resp: 3189

Ion Ratio Lower Upper

119 100

91 62.4 26.9 80.7

134 26.5 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 0.223 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX034215.D

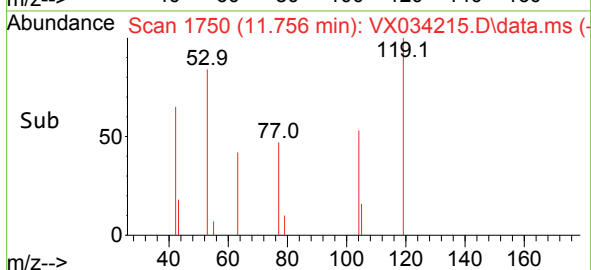
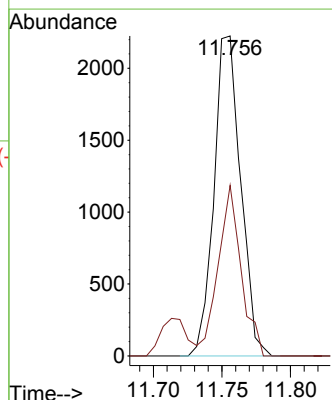
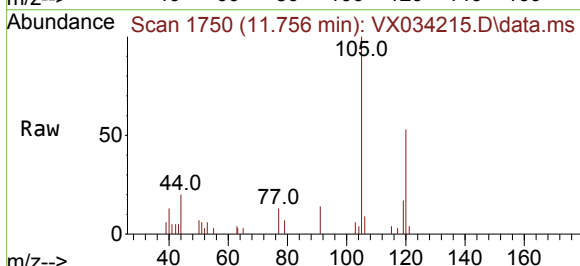
Acq: 21 Feb 2023 17:28

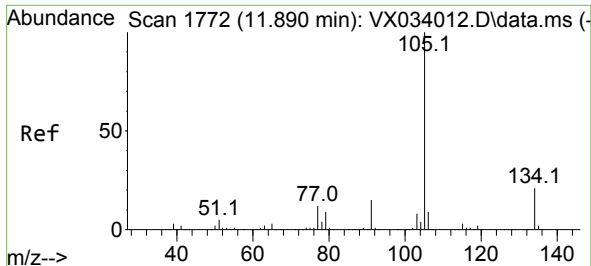
Tgt Ion:105 Resp: 3010

Ion Ratio Lower Upper

105 100

120 45.8 23.4 70.2

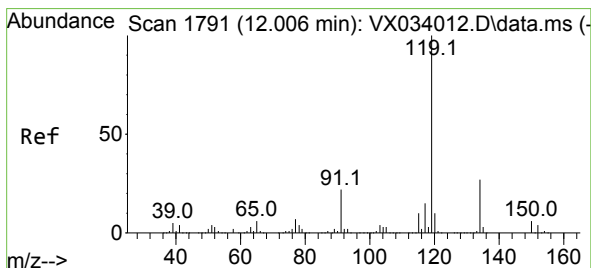
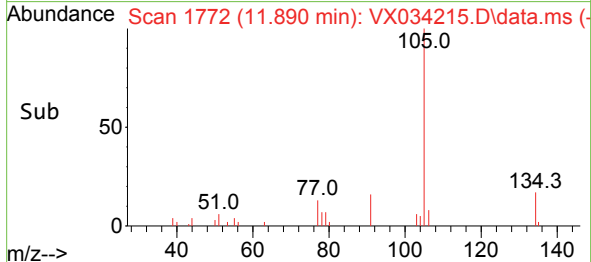
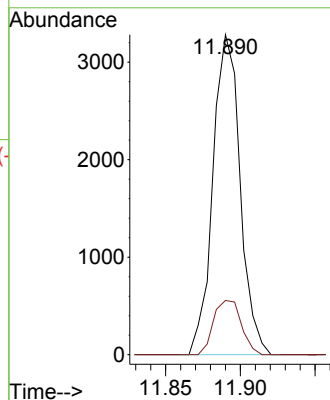
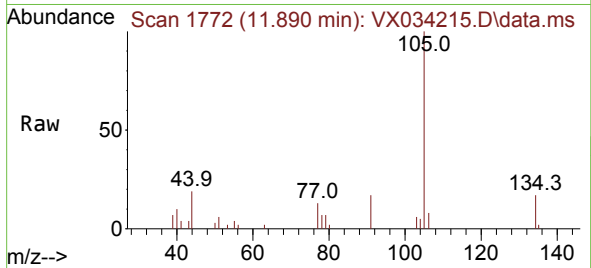




#85
 sec-Butylbenzene
 Concen: 0.250 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

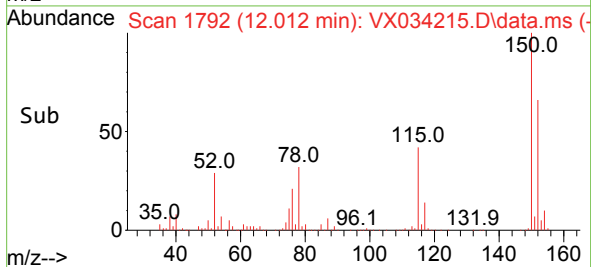
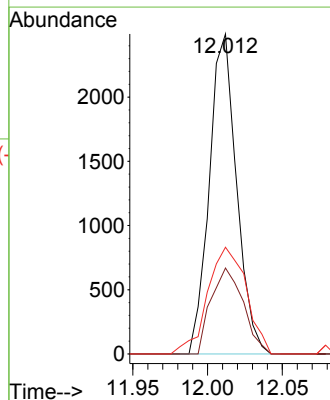
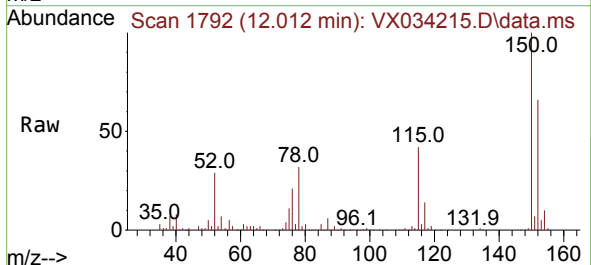
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023 .2PPB

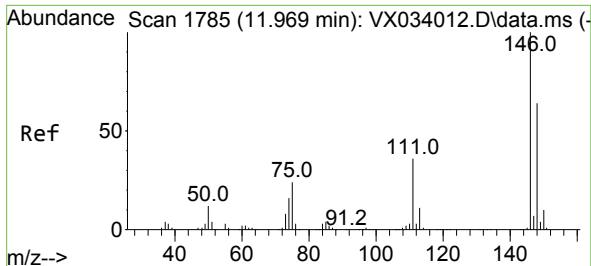
Tgt Ion:105 Resp: 4156
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 0.230 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

Tgt Ion:119 Resp: 3161
 Ion Ratio Lower Upper
 119 100
 134 31.6 13.6 40.8
 91 47.2 11.0 33.0#





#87

1,3-Dichlorobenzene

Concen: 0.266 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

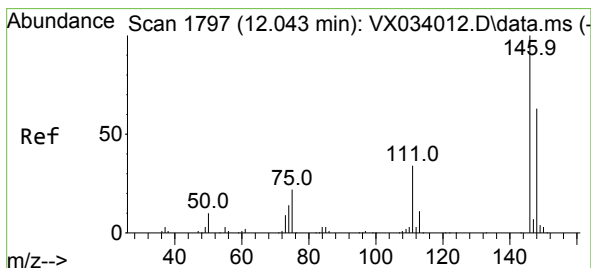
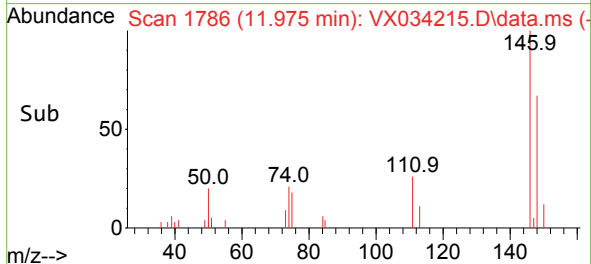
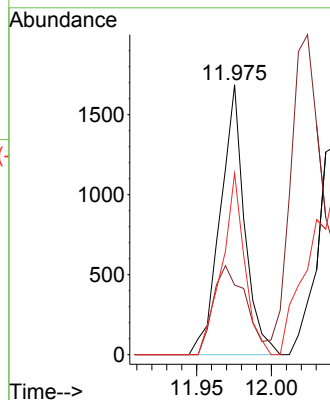
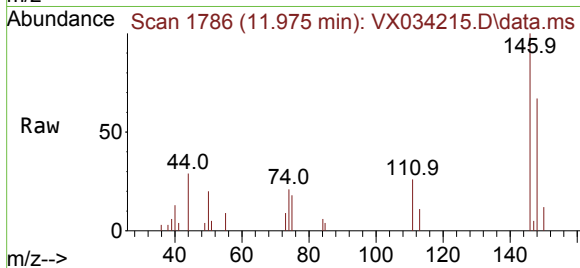
Tgt Ion:146 Resp: 1906

Ion Ratio Lower Upper

146 100

111 43.8 18.6 55.6

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.263 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

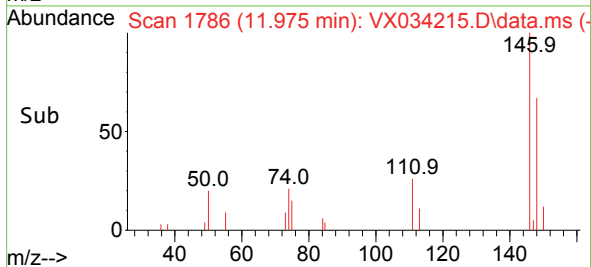
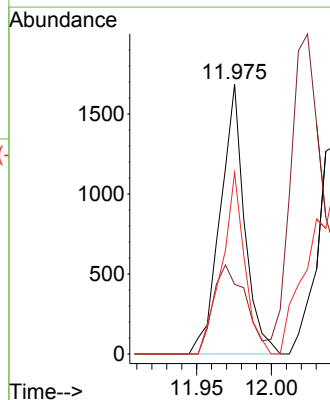
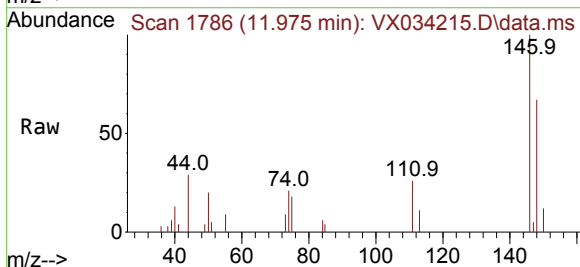
Tgt Ion:146 Resp: 1906

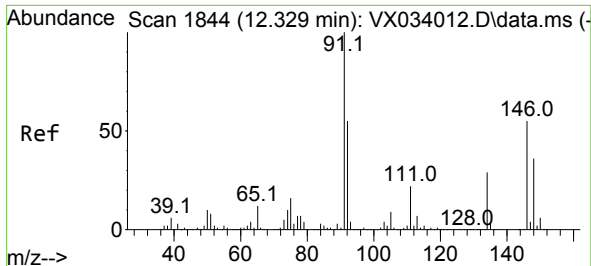
Ion Ratio Lower Upper

146 100

111 43.8 17.8 53.4

148 62.9 32.1 96.3





#89

n-Butylbenzene

Concen: 0.229 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034215.D

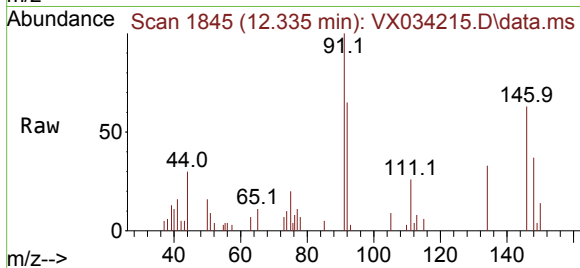
Acq: 21 Feb 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB



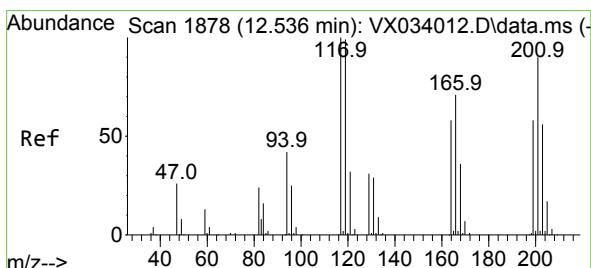
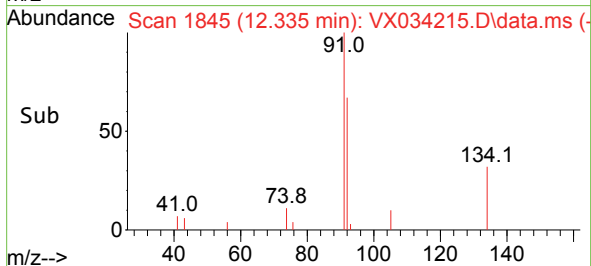
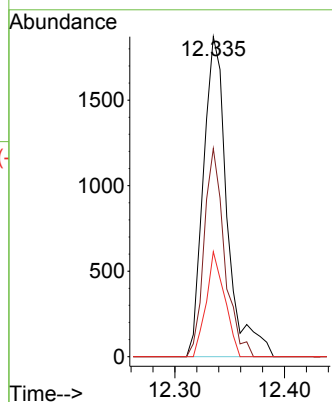
Tgt Ion: 91 Resp: 2811

Ion Ratio Lower Upper

91 100

92 56.0 27.5 82.5

134 25.6 14.3 42.9



#90

Hexachloroethane

Concen: 0.201 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034215.D

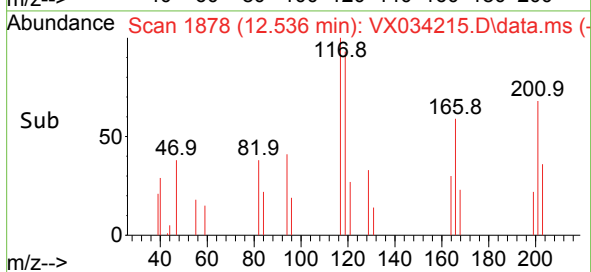
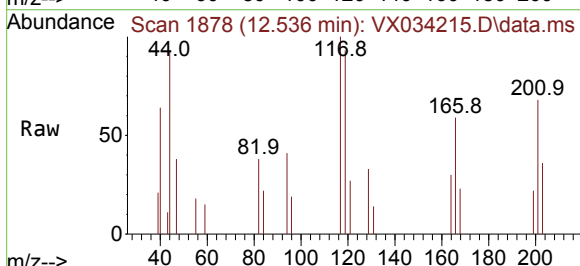
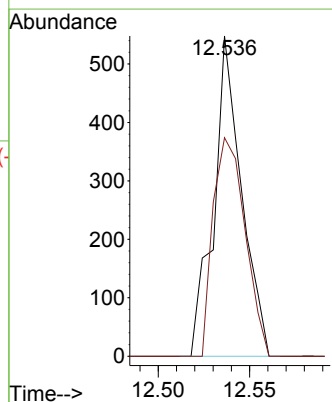
Acq: 21 Feb 2023 17:28

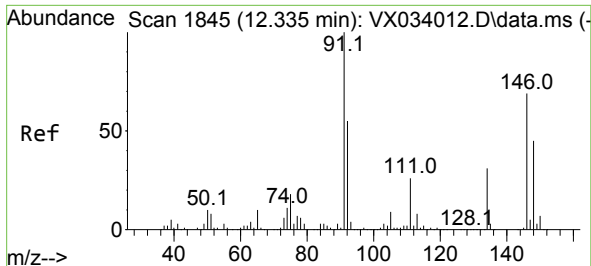
Tgt Ion: 117 Resp: 579

Ion Ratio Lower Upper

117 100

201 78.8 45.1 135.3

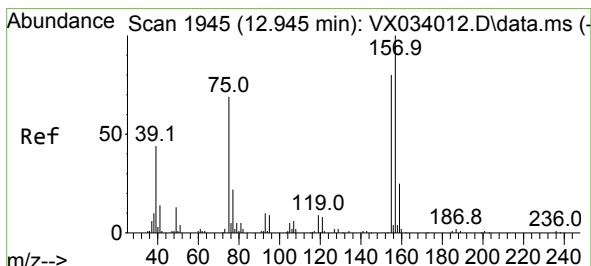
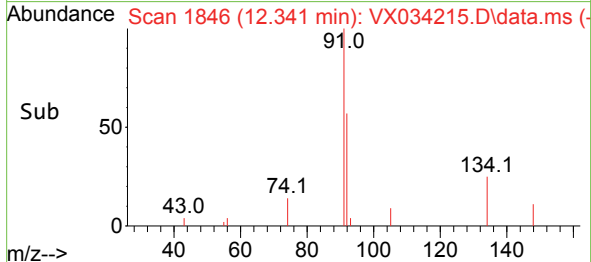
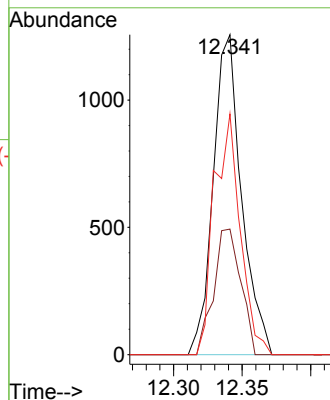
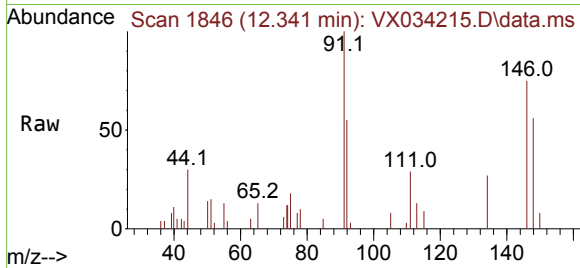




#91
 1,2-Dichlorobenzene
 Concen: 0.257 ug/l
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

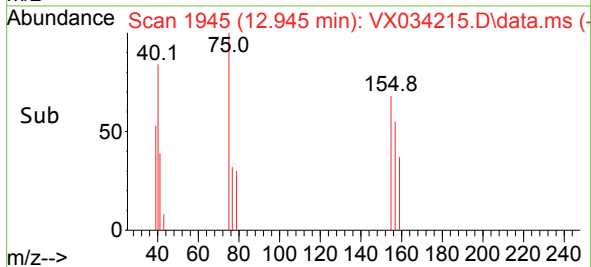
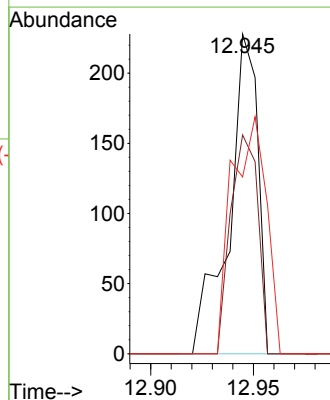
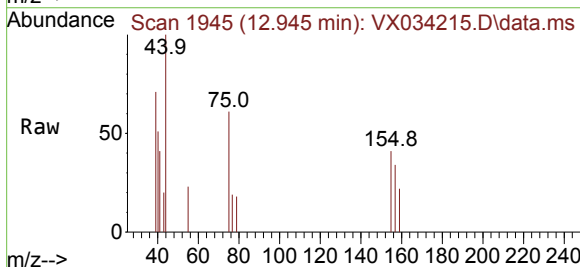
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT1-2023 .2PPB

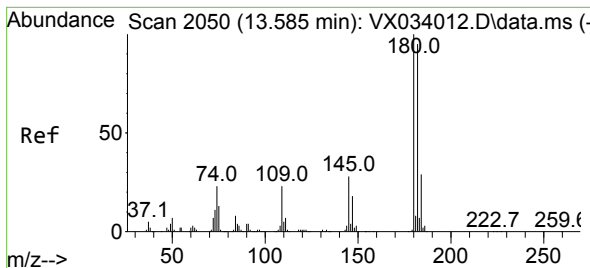
Tgt Ion:146 Resp: 1806
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.3 57.8
 148 69.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.172 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX034215.D
 Acq: 21 Feb 2023 17:28

Tgt Ion: 75 Resp: 223
 Ion Ratio Lower Upper
 75 100
 155 64.6 51.7 155.1
 157 88.3 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 0.278 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

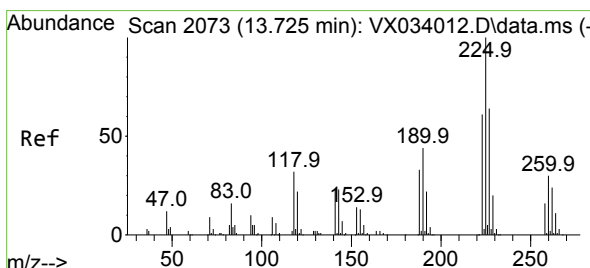
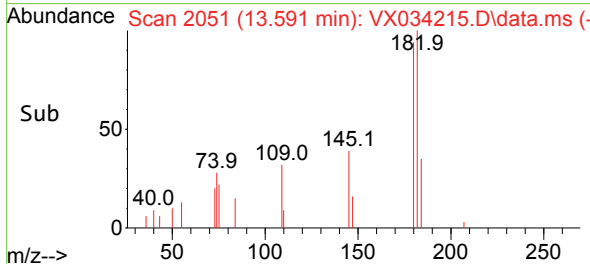
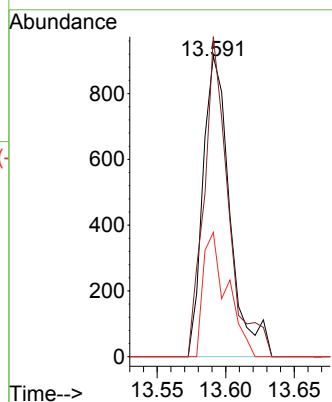
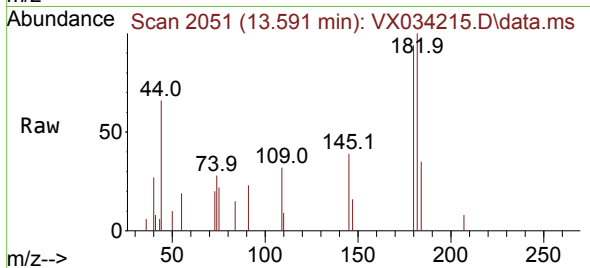
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion:180	Resp:	1254
Ion Ratio	Lower	Upper
180	100	
182	96.3	47.9 143.6
145	36.9	14.1 42.2



#94

Hexachlorobutadiene

Concen: 0.319 ug/l

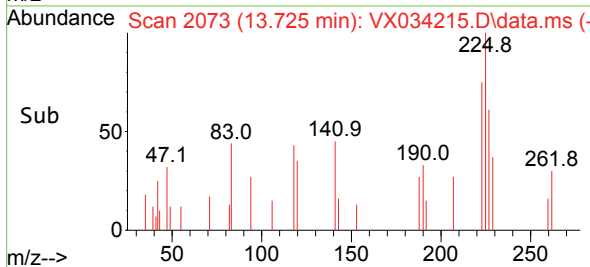
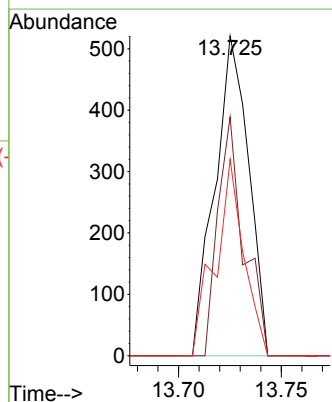
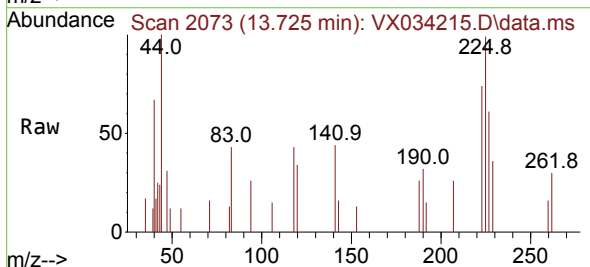
RT: 13.725 min Scan# 2073

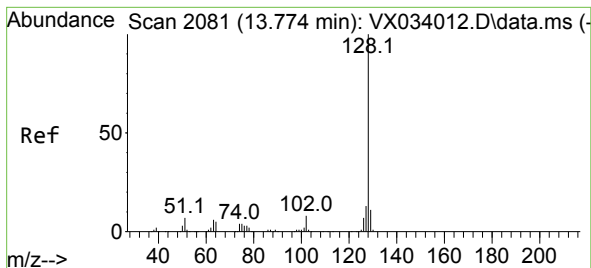
Delta R.T. 0.000 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

Tgt Ion:225	Resp:	596
Ion Ratio	Lower	Upper
225	100	
223	57.2	31.3 93.9
227	52.0	32.3 96.9





#95

Naphthalene

Concen: 0.256 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034215.D

Acq: 21 Feb 2023 17:28

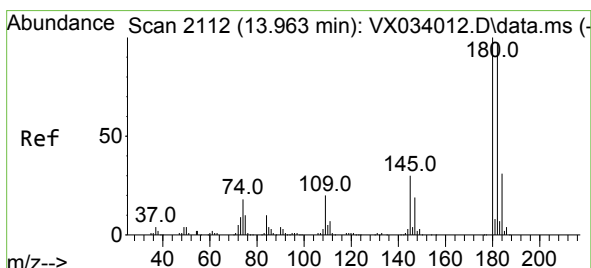
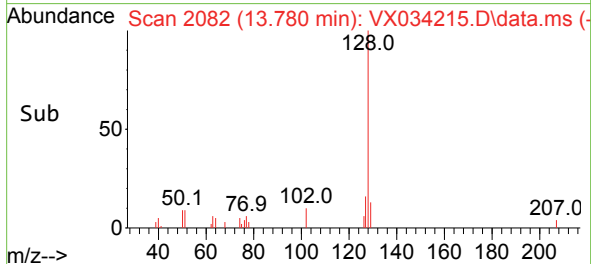
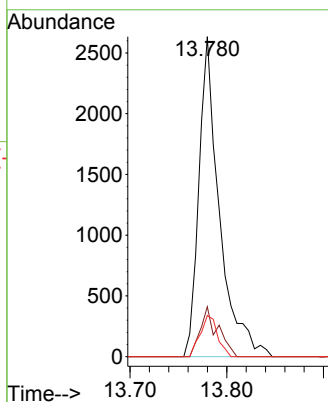
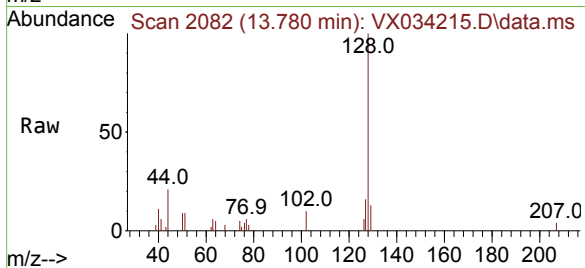
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023 .2PPB

Tgt Ion:128	Resp:	3886
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.3 15.5
129	10.9	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.242 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034215.D

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Tgt Ion:180	Resp:	1082
Ion Ratio	Lower	Upper
180	100	
182	113.9	47.6 142.9
145	38.6	15.1 45.3

