

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034233.D
 Acq On : 22 Feb 2023 16:55
 Operator : JC/MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Feb 23 03:22:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	309877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	506110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181675	43.533	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.060%
35) Dibromofluoromethane	5.385	113	158083	47.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	8.647	98	584241	49.382	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.079	95	206533	45.638	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1638	0.612	ug/l	99
3) Chloromethane	1.294	50	3014	0.782	ug/l	97
4) Vinyl Chloride	1.374	62	2673	0.762	ug/l	92
5) Bromomethane	1.618	94	1723	1.237	ug/l	96
6) Chloroethane	1.691	64	1532	0.868	ug/l	90
7) Trichlorofluoromethane	1.892	101	3728	0.785	ug/l	89
8) Diethyl Ether	2.136	74	1616	0.845	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	2280	0.682	ug/l	89
10) Methyl Iodide	2.453	142	2044	0.502	ug/l	98
11) Tert butyl alcohol	2.959	59	4917	5.268	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	2185	0.652	ug/l #	58
13) Acrolein	2.239	56	1732	4.065	ug/l	89
14) Allyl chloride	2.660	41	4921	0.692	ug/l	91
15) Acrylonitrile	3.068	53	5925	2.910	ug/l	100
16) Acetone	2.380	43	6820	3.168	ug/l	90
17) Carbon Disulfide	2.520	76	5653	0.587	ug/l #	94
18) Methyl Acetate	2.703	43	3795	0.570	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	7105	0.601	ug/l	97
20) Methylene Chloride	2.788	84	5207	1.342	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	2373	0.676	ug/l #	80
22) Diisopropyl ether	3.764	45	8170	0.655	ug/l #	80
23) Vinyl Acetate	3.727	43	30539	3.058	ug/l	99
24) 1,1-Dichloroethane	3.611	63	4129	0.603	ug/l #	91
25) 2-Butanone	4.580	43	8582	2.755	ug/l	96
26) 2,2-Dichloropropane	4.477	77	3699	0.597	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	2781	0.669	ug/l	98
28) Bromochloromethane	4.904	49	2326	0.762	ug/l #	87
29) Tetrahydrofuran	5.019	42	6569	3.457	ug/l	90
30) Chloroform	5.111	83	4199	0.639	ug/l #	76
31) Cyclohexane	5.464	56	3990	0.640	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	3705	0.629	ug/l #	48
36) 1,1-Dichloropropene	5.690	75	3139	0.644	ug/l	96
37) Ethyl Acetate	4.727	43	3379	0.620	ug/l #	87
38) Carbon Tetrachloride	5.678	117	3386	0.675	ug/l	90
39) Methylcyclohexane	7.385	83	3594	0.573	ug/l	94
40) Benzene	6.044	78	8975	0.621	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034233.D
 Acq On : 22 Feb 2023 16:55
 Operator : JC/MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Feb 23 03:22:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	2164	0.713	ug/l #	92
42) 1,2-Dichloroethane	6.092	62	3581	0.705	ug/l	97
43) Isopropyl Acetate	6.354	43	6111	0.636	ug/l #	96
44) Trichloroethene	7.129	130	2505	0.676	ug/l	84
45) 1,2-Dichloropropane	7.434	63	2555	0.665	ug/l	89
46) Dibromomethane	7.586	93	1675	0.662	ug/l #	85
47) Bromodichloromethane	7.824	83	2896	0.558	ug/l #	90
48) Methyl methacrylate	7.708	41	3025	0.663	ug/l	91
49) 1,4-Dioxane	7.690	88	1169	12.848	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	16022	3.030	ug/l	99
52) Toluene	8.720	92	5877	0.672	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	3328	0.557	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	3481	0.544	ug/l #	71
55) 1,1,2-Trichloroethane	9.153	97	2301	0.651	ug/l #	87
56) Ethyl methacrylate	9.122	69	3550	0.594	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	3981	0.648	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.251	63	8693	3.358	ug/l	96
59) 2-Hexanone	9.433	43	12059	2.992	ug/l	94
60) Dibromochloromethane	9.525	129	2243	0.575	ug/l	99
61) 1,2-Dibromoethane	9.616	107	2214	0.593	ug/l	91
64) Tetrachloroethene	9.275	164	2435	0.774	ug/l	91
65) Chlorobenzene	10.079	112	6453	0.694	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.159	131	2259	0.628	ug/l #	66
67) Ethyl Benzene	10.195	91	10808	0.647	ug/l	92
68) m/p-Xylenes	10.305	106	8203	1.284	ug/l	99
69) o-Xylene	10.646	106	4140	0.651	ug/l	96
70) Styrene	10.659	104	6318	0.611	ug/l #	90
71) Bromoform	10.805	173	1546	0.526	ug/l #	95
73) Isopropylbenzene	10.963	105	10137	0.641	ug/l	98
74) N-amyl acetate	10.848	43	4892	0.615	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	3431	0.634	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	3811	0.729	ug/l	84
77) Bromobenzene	11.201	156	2656	0.697	ug/l	83
78) n-propylbenzene	11.305	91	10929	0.594	ug/l	99
79) 2-Chlorotoluene	11.366	91	7232	0.641	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	7655	0.575	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.079	75	102578	50.436	ug/l #	8
82) 4-Chlorotoluene	11.451	91	7676	0.597	ug/l	99
83) tert-Butylbenzene	11.713	119	8961	0.658	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	7676	0.571	ug/l	98
85) sec-Butylbenzene	11.890	105	10113	0.611	ug/l	99
86) p-Isopropyltoluene	12.006	119	7777	0.568	ug/l	87
87) 1,3-Dichlorobenzene	11.969	146	4909	0.687	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	4909	0.681	ug/l	95
89) n-Butylbenzene	12.335	91	6481	0.531	ug/l	100
90) Hexachloroethane	12.536	117	1495	0.522	ug/l	83
91) 1,2-Dichlorobenzene	12.341	146	4372	0.626	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	606	0.470	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	2724	0.607	ug/l	95
94) Hexachlorobutadiene	13.725	225	1210	0.651	ug/l	96
95) Naphthalene	13.780	128	9531	0.631	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2546	0.572	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
Data File : VX034233.D
Acq On : 22 Feb 2023 16:55
Operator : JC/MD
Sample : 01627-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

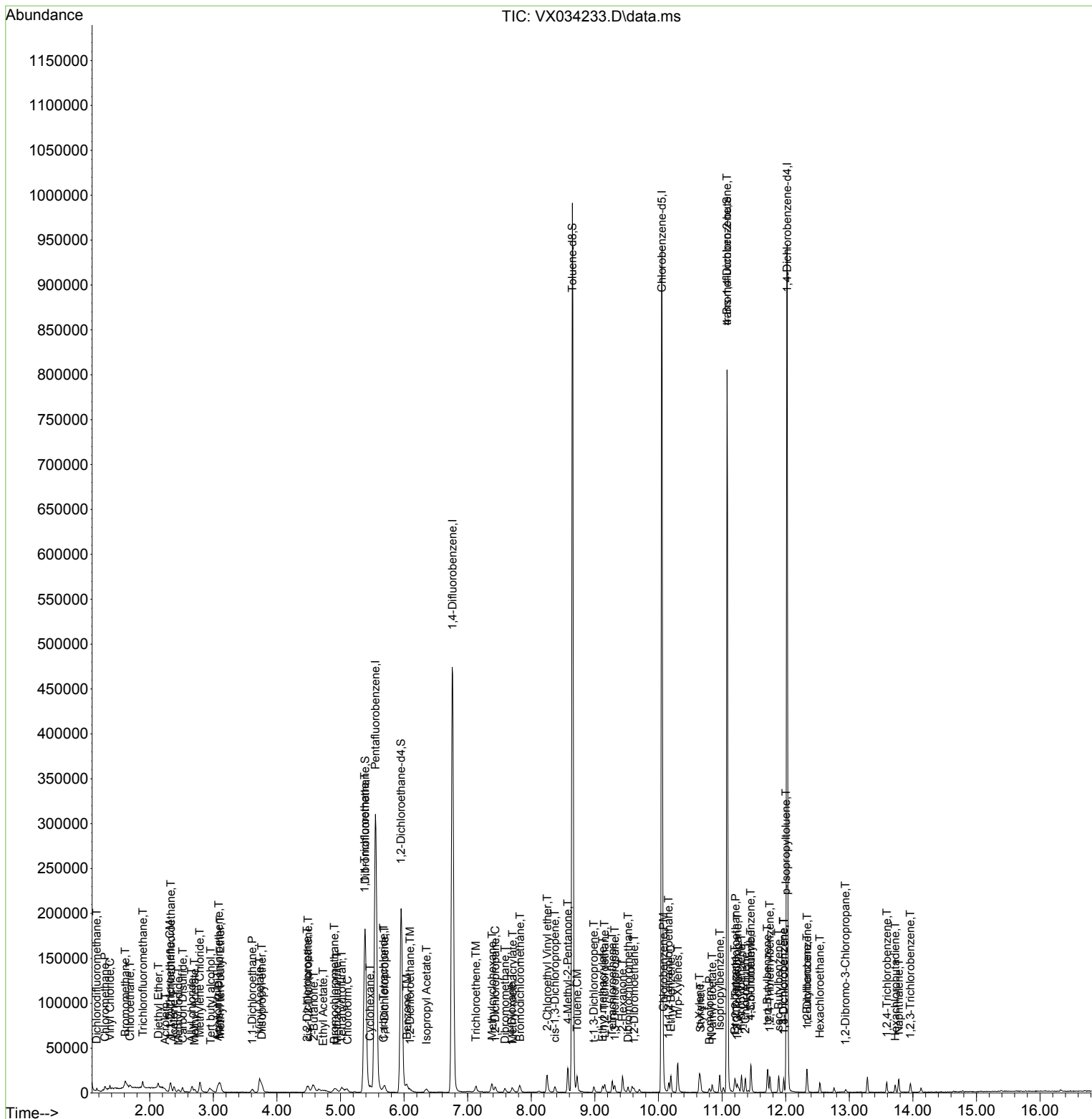
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

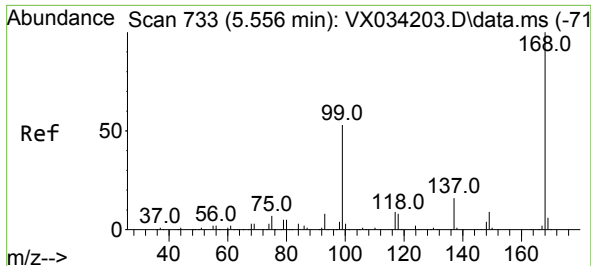
Quant Time: Feb 23 03:22:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 23 03:17:23 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Feb 23 03:22:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 23 03:17:23 2023
Response via : Initial Calibration

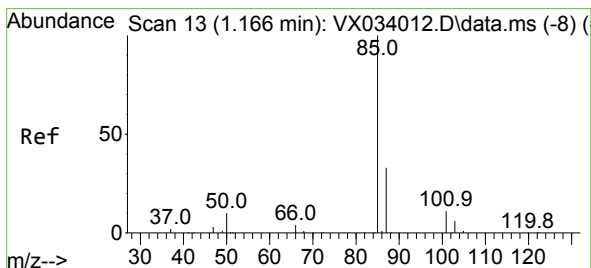
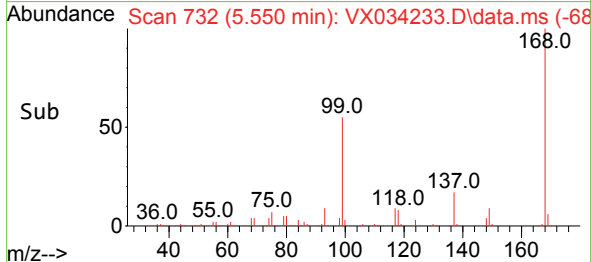
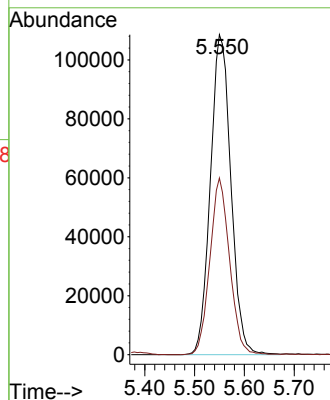
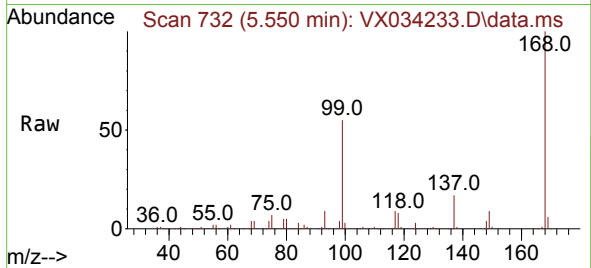




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

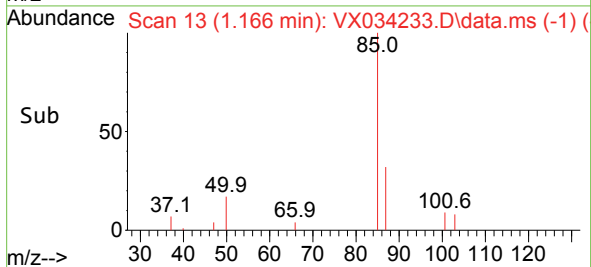
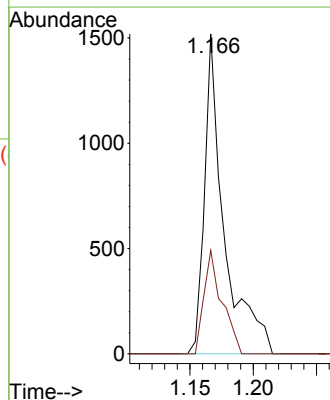
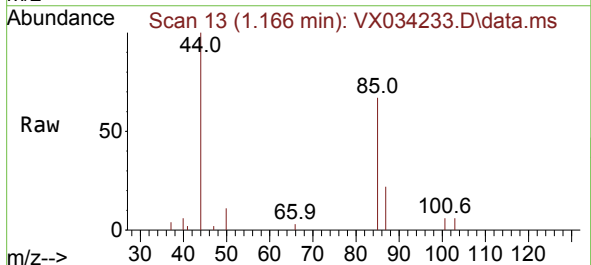
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

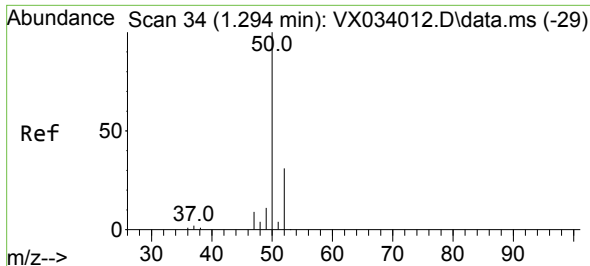
Tgt Ion:168 Resp: 309877
Ion Ratio Lower Upper
168 100
99 55.2 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.612 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 85 Resp: 1638
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4

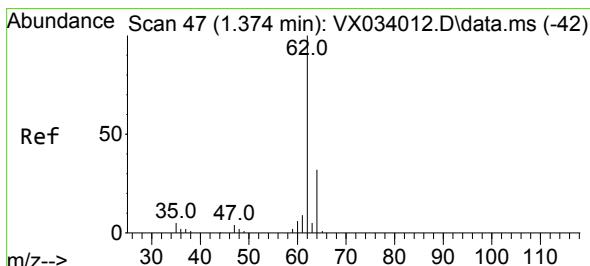
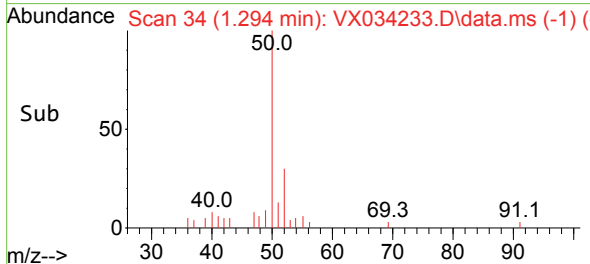
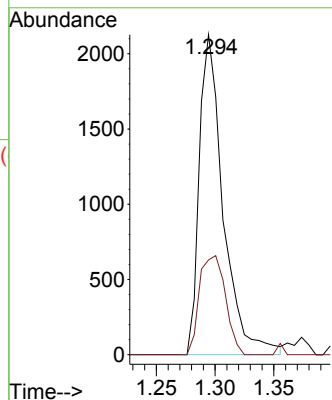
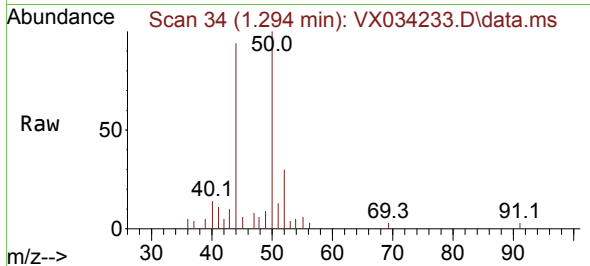




#3
Chloromethane
Concen: 0.782 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

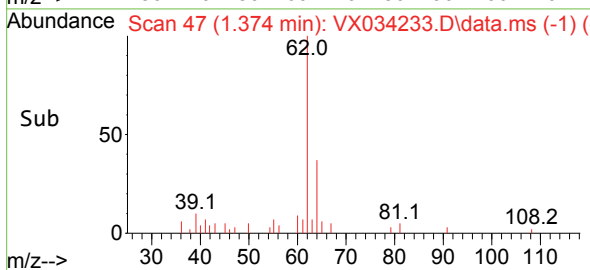
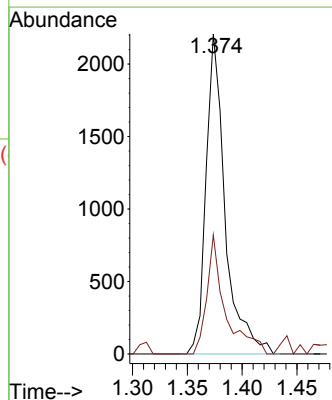
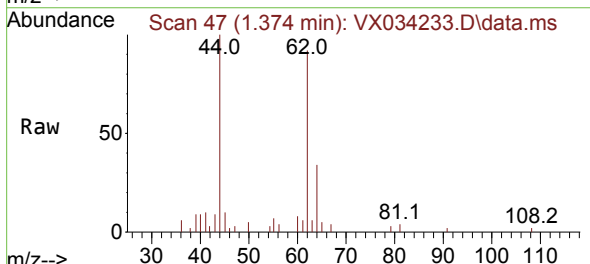
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

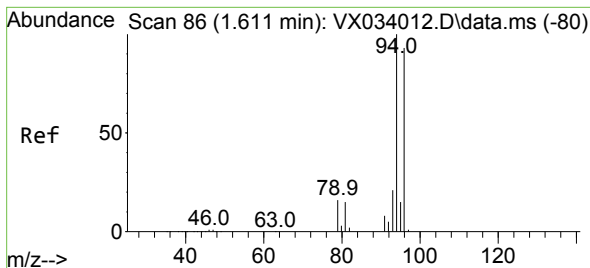
Tgt Ion: 50 Resp: 3014
Ion Ratio Lower Upper
50 100
52 29.6 25.2 37.8



#4
Vinyl Chloride
Concen: 0.762 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 62 Resp: 2673
Ion Ratio Lower Upper
62 100
64 37.2 26.2 39.4





#5

Bromomethane

Concen: 1.237 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.019 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

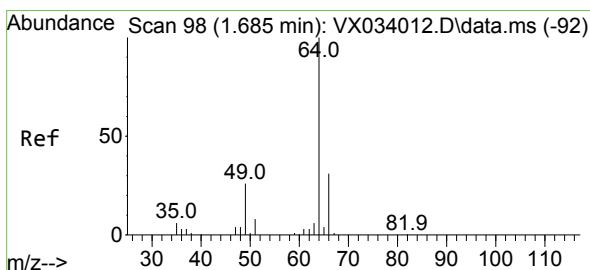
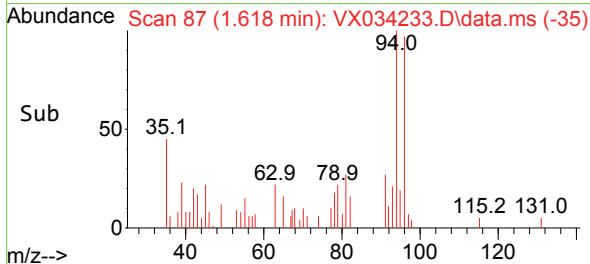
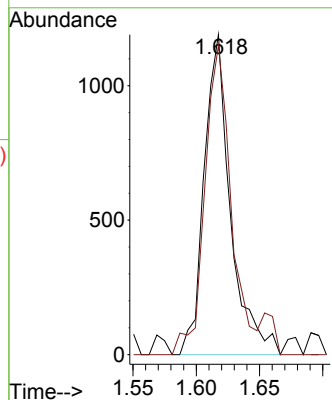
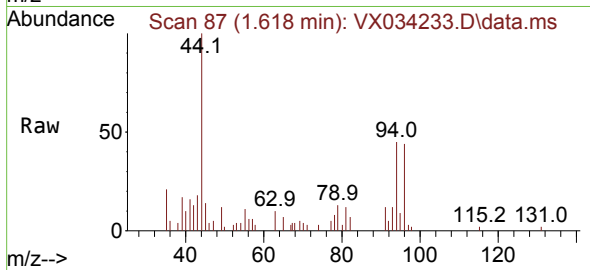
MDL-WATER-03-QT1-2023

Tgt Ion: 94 Resp: 1723

Ion Ratio Lower Upper

94 100

96 96.6 74.3 111.5



#6

Chloroethane

Concen: 0.868 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX034233.D

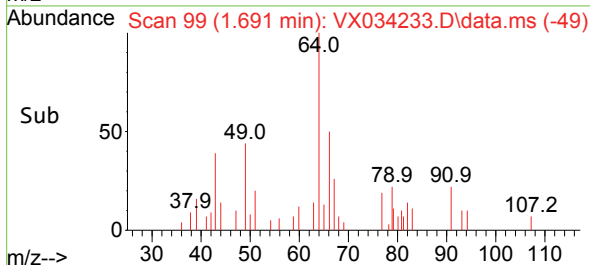
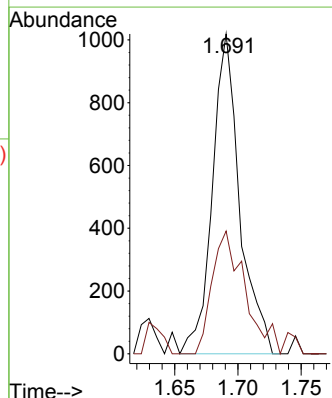
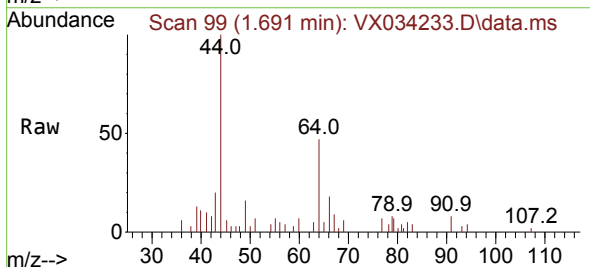
Acq: 22 Feb 2023 16:55

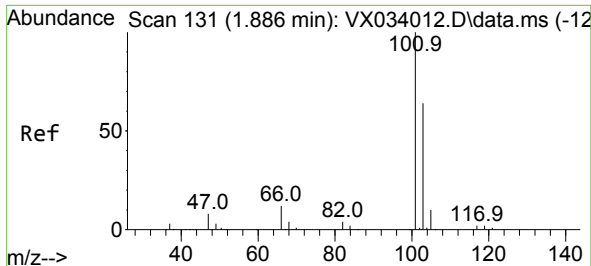
Tgt Ion: 64 Resp: 1532

Ion Ratio Lower Upper

64 100

66 38.4 26.1 39.1

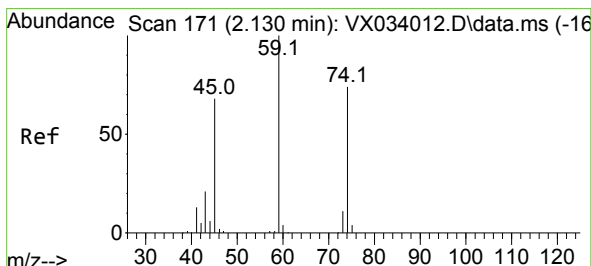
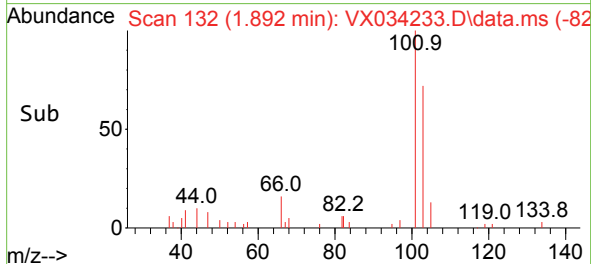
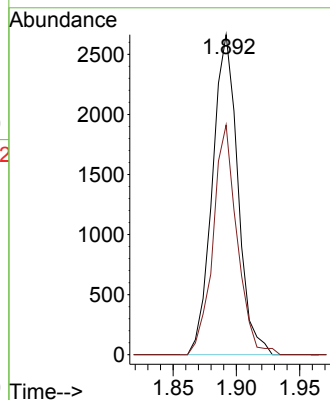
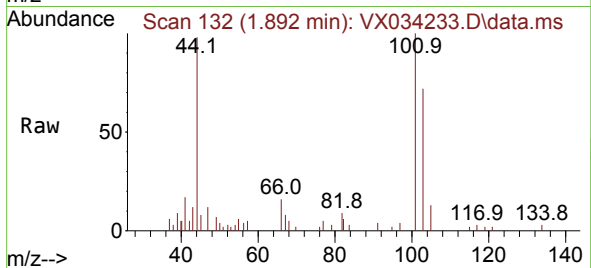




#7
Trichlorofluoromethane
Concen: 0.785 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

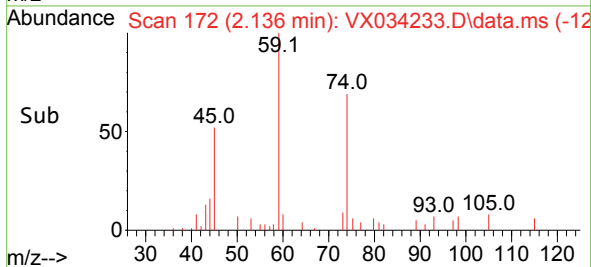
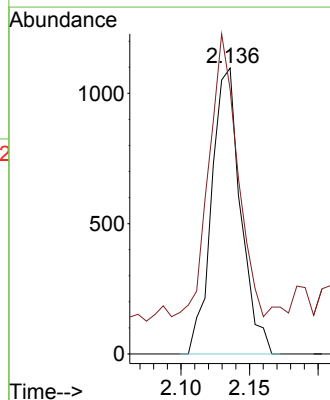
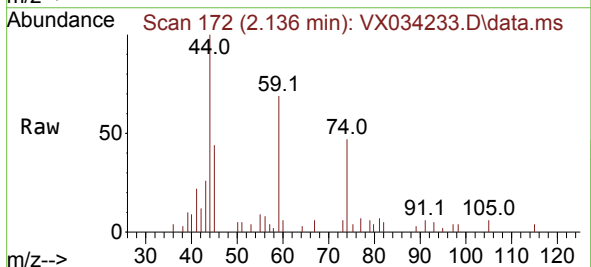
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

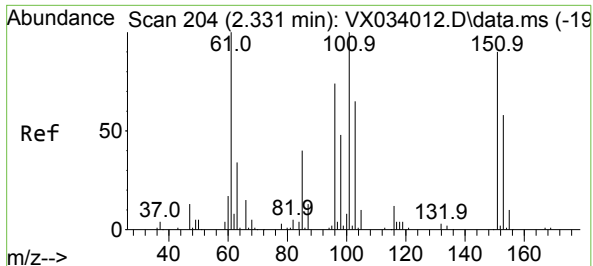
Tgt Ion:101 Resp: 3728
Ion Ratio Lower Upper
101 100
103 71.8 50.6 75.8



#8
Diethyl Ether
Concen: 0.845 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 74 Resp: 1616
Ion Ratio Lower Upper
74 100
45 97.8 51.5 154.5

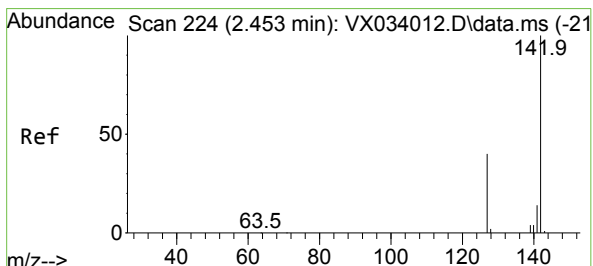
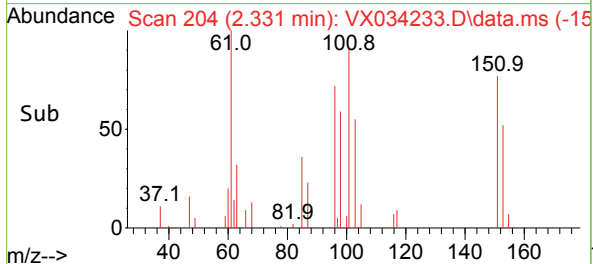
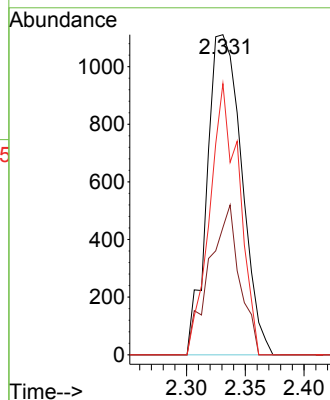
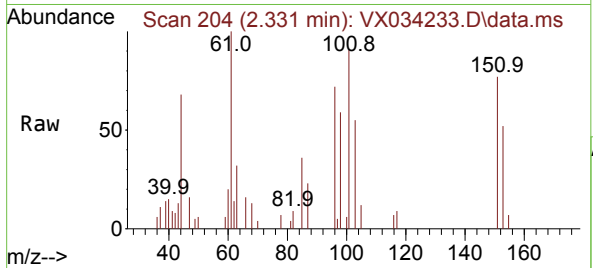




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.682 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

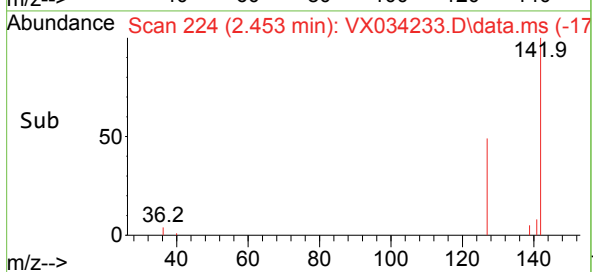
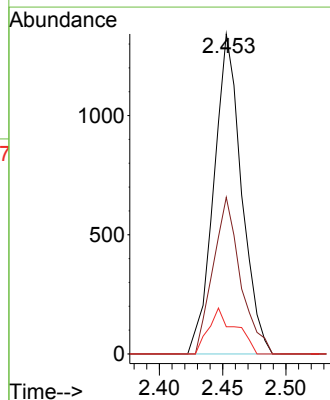
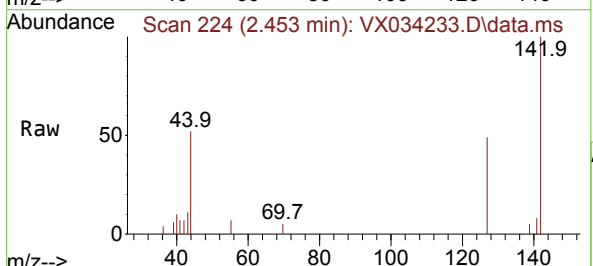
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

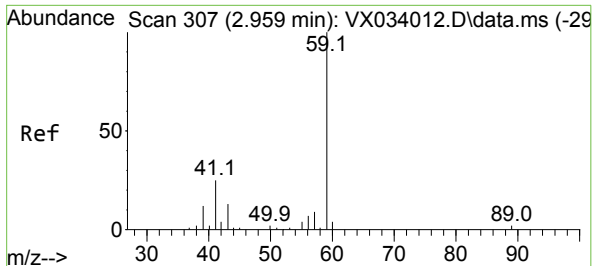
Tgt Ion:101 Resp: 2280
Ion Ratio Lower Upper
101 100
85 41.1 36.7 55.1
151 71.8 66.5 99.7



#10
Methyl Iodide
Concen: 0.502 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion:142 Resp: 2044
Ion Ratio Lower Upper
142 100
127 48.5 37.3 55.9
141 14.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 5.268 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

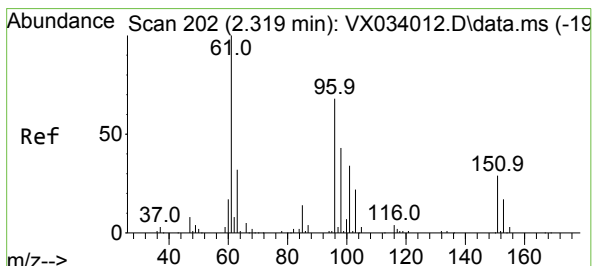
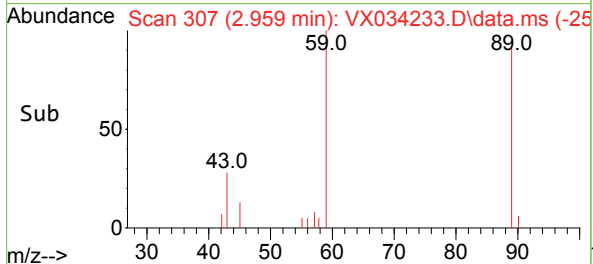
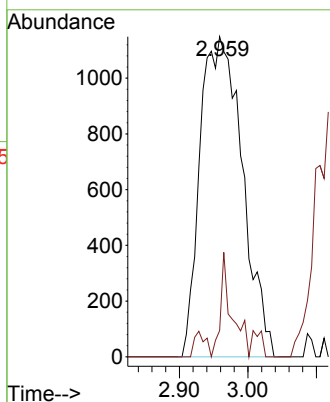
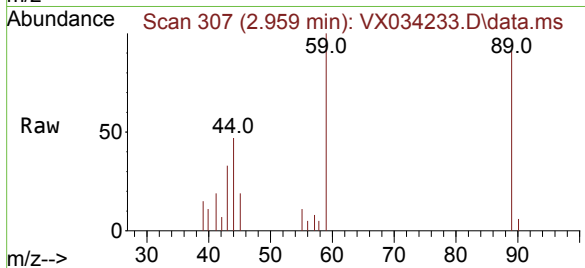
MDL-WATER-03-QT1-2023

Tgt Ion: 59 Resp: 4917

Ion Ratio Lower Upper

59 100

57 8.6 3.7 5.5#



#12

1,1-Dichloroethene

Concen: 0.652 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

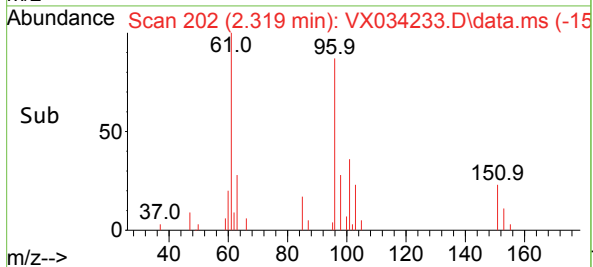
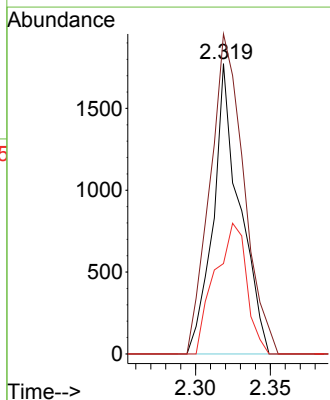
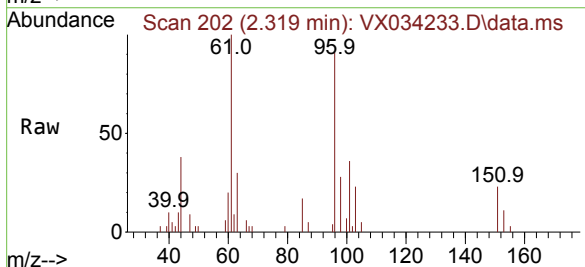
Tgt Ion: 96 Resp: 2185

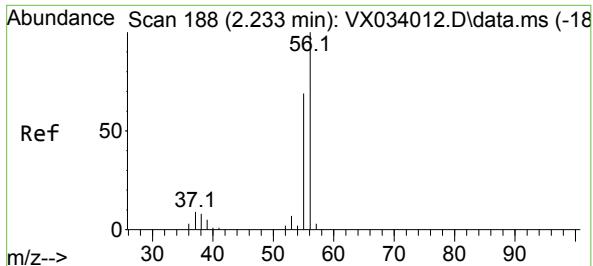
Ion Ratio Lower Upper

96 100

61 110.3 134.2 201.4#

98 31.1 50.2 75.2#





#13

Acrolein

Concen: 4.065 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

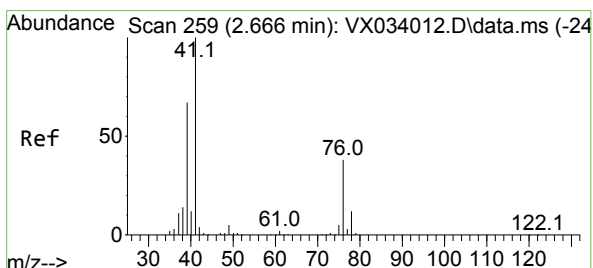
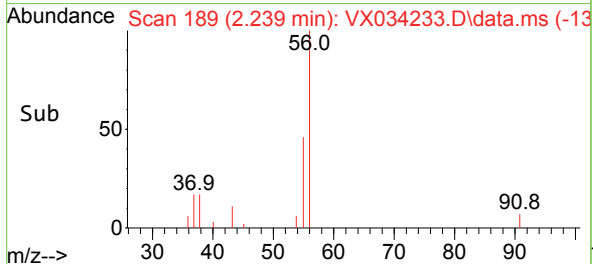
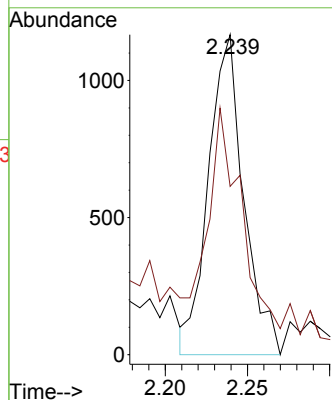
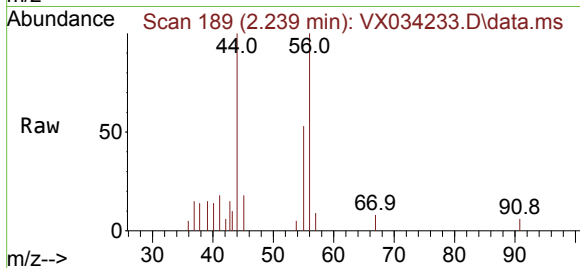
MDL-WATER-03-QT1-2023

Tgt Ion: 56 Resp: 1732

Ion Ratio Lower Upper

56 100

55 61.1 56.3 84.5



#14

Allyl chloride

Concen: 0.692 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

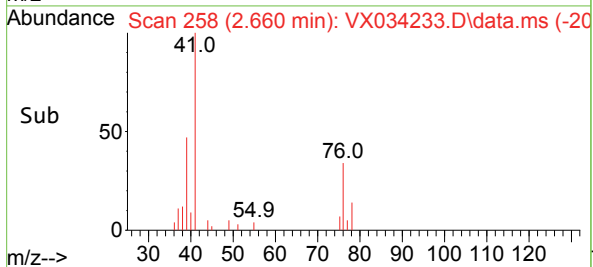
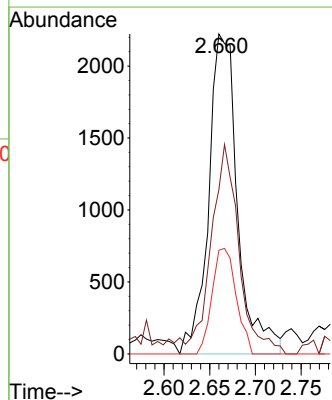
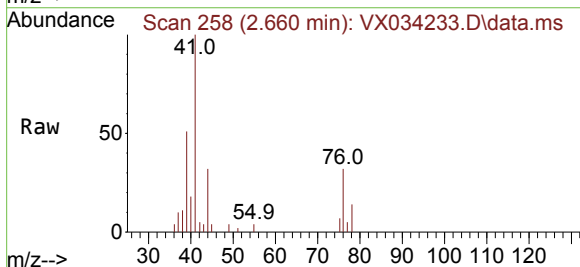
Tgt Ion: 41 Resp: 4921

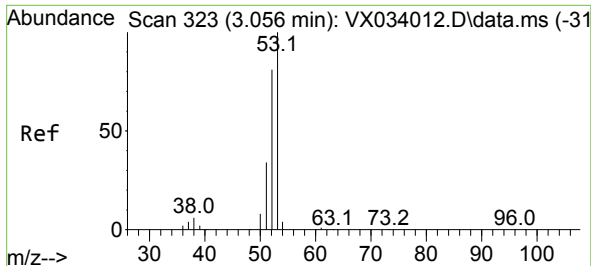
Ion Ratio Lower Upper

41 100

39 64.8 59.0 88.4

76 27.3 24.6 37.0

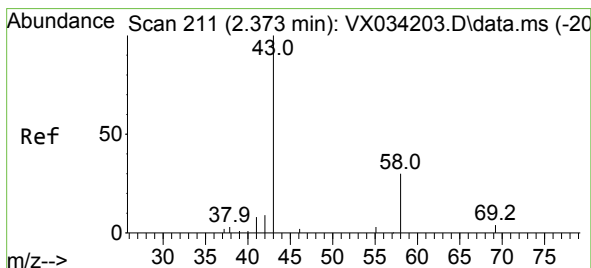
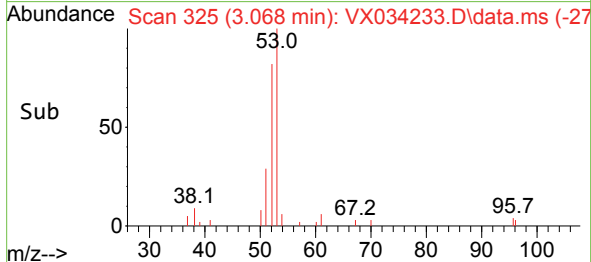
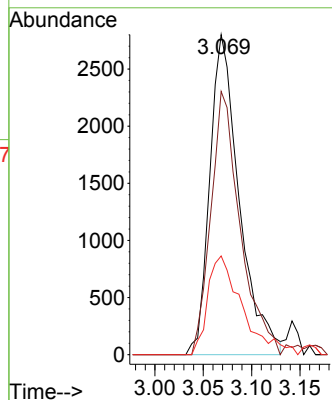
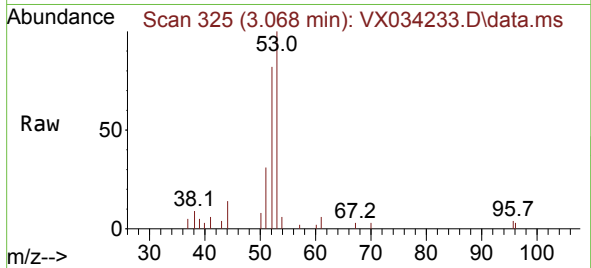




#15
Acrylonitrile
Concen: 2.910 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

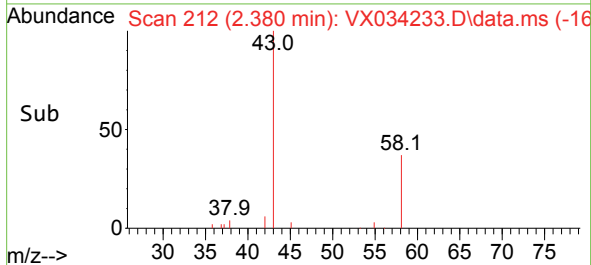
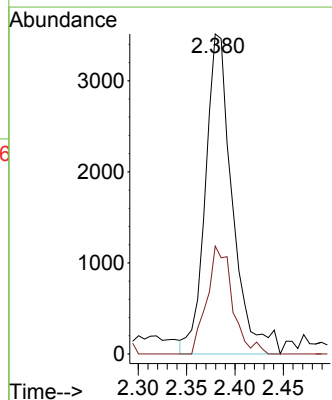
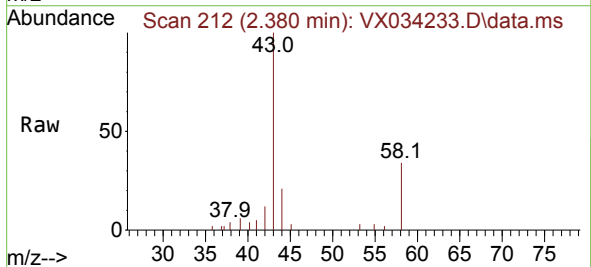
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

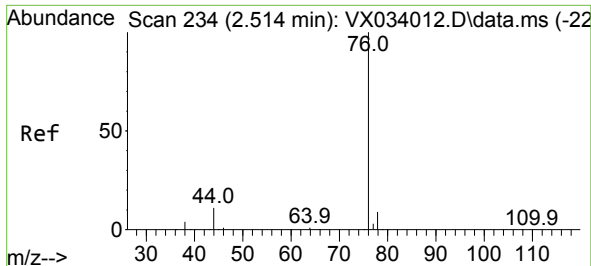
Tgt Ion: 53	Resp: 5925
Ion Ratio	Lower Upper
53 100	
52 82.1	65.7 98.5
51 36.2	29.0 43.4



#16
Acetone
Concen: 3.168 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 43	Resp: 6820
Ion Ratio	Lower Upper
43 100	
58 33.7	22.6 33.8





#17

Carbon Disulfide

Concen: 0.587 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

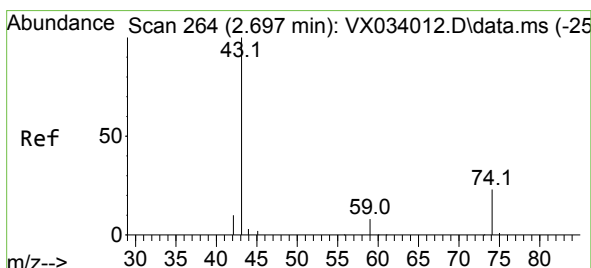
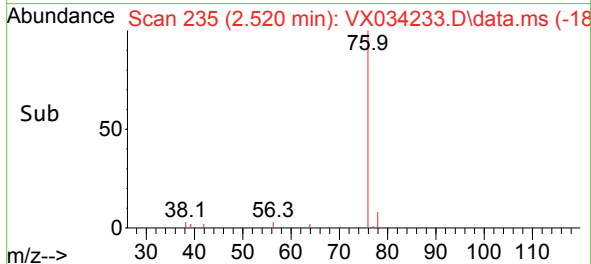
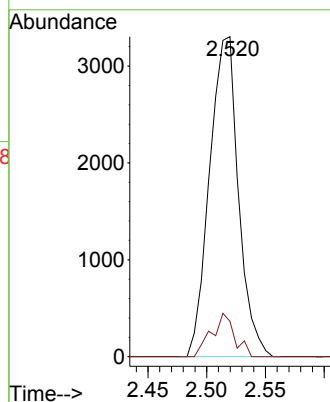
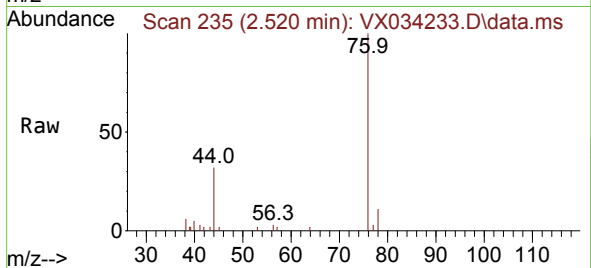
MDL-WATER-03-QT1-2023

Tgt Ion: 76 Resp: 5653

Ion Ratio Lower Upper

76 100

78 11.1 7.0 10.6#



#18

Methyl Acetate

Concen: 0.570 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034233.D

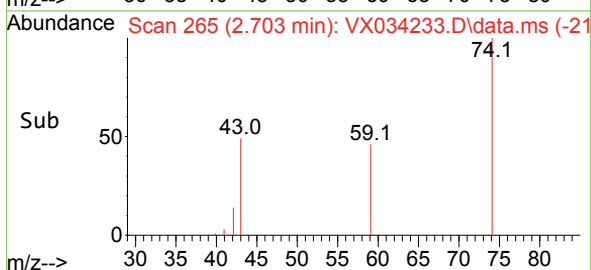
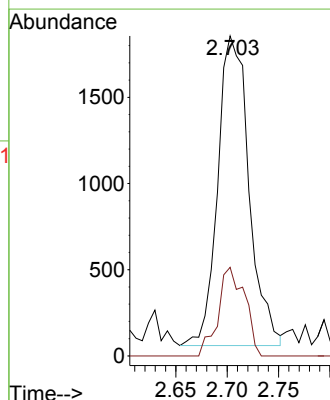
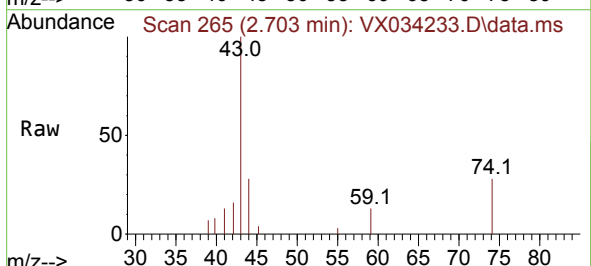
Acq: 22 Feb 2023 16:55

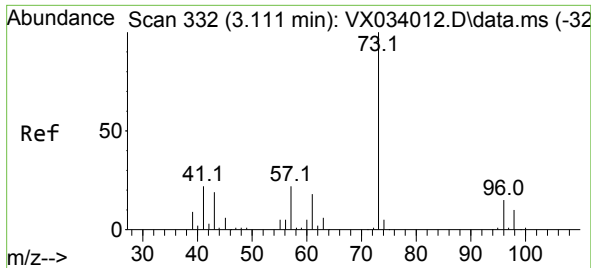
Tgt Ion: 43 Resp: 3795

Ion Ratio Lower Upper

43 100

74 24.3 18.2 27.4

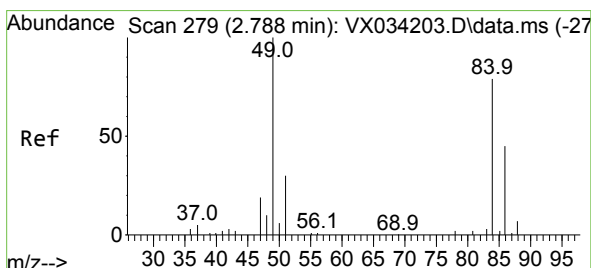
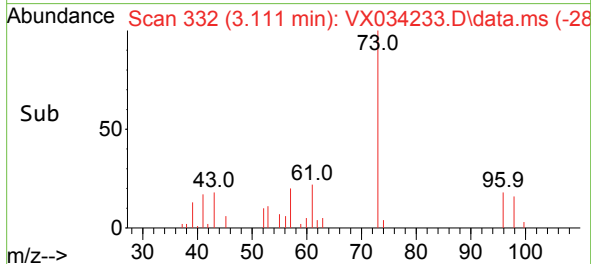
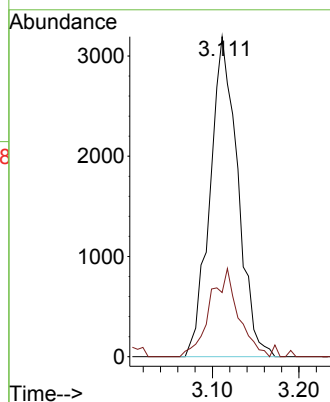
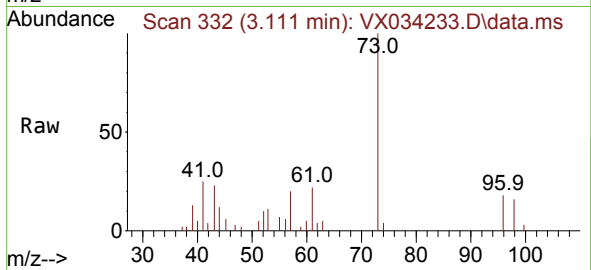




#19
Methyl tert-butyl Ether
Concen: 0.601 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

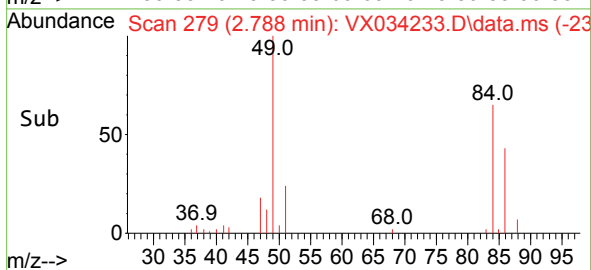
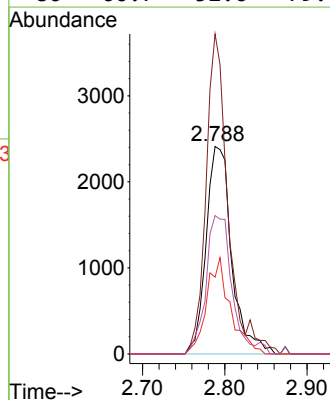
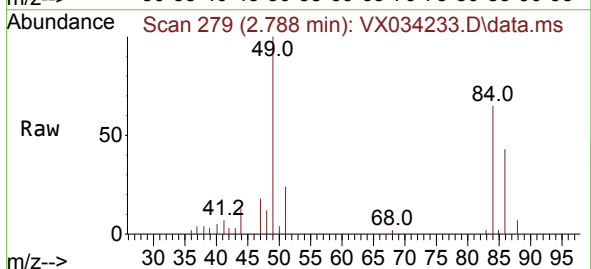
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

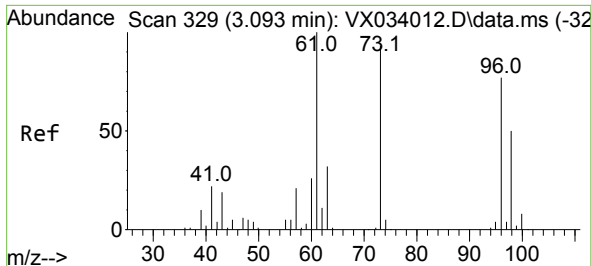
Tgt Ion: 73 Resp: 7105
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.0



#20
Methylene Chloride
Concen: 1.342 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 84 Resp: 5207
Ion Ratio Lower Upper
84 100
49 154.2 101.1 151.7#
51 37.0 31.0 46.6
86 66.7 52.6 79.0

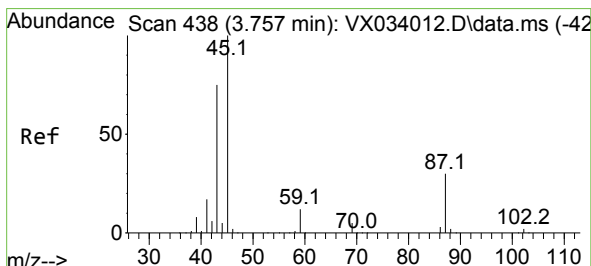
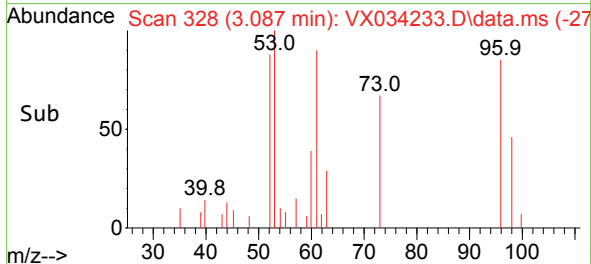
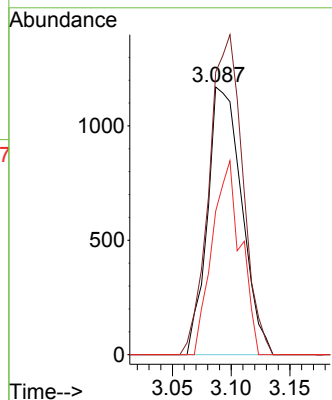
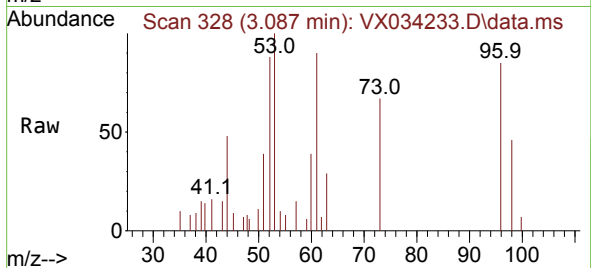




#21
trans-1,2-Dichloroethene
Concen: 0.676 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

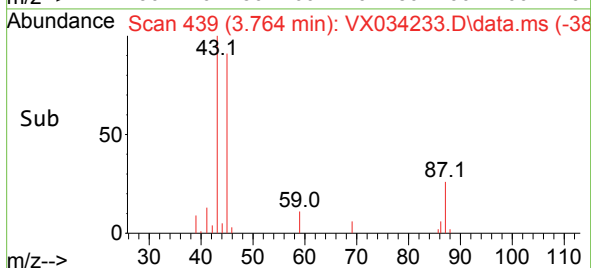
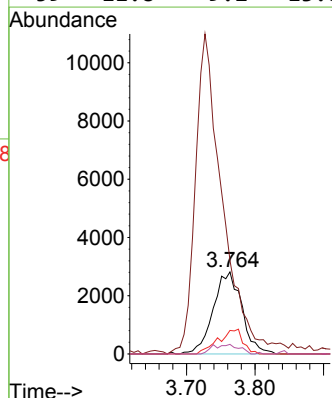
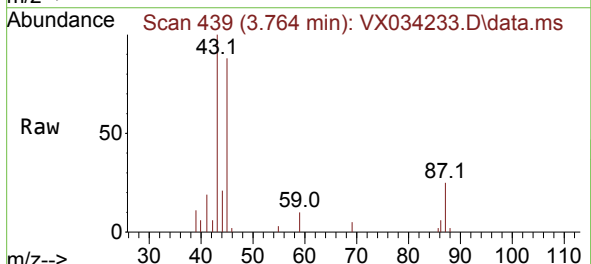
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

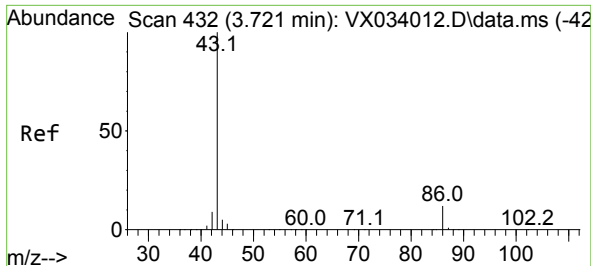
Tgt Ion: 96 Resp: 2373
Ion Ratio Lower Upper
96 100
61 105.6 106.7 160.1#
98 53.7 50.0 75.0



#22
Diisopropyl ether
Concen: 0.655 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 45 Resp: 8170
Ion Ratio Lower Upper
45 100
43 106.0 64.6 97.0#
87 28.7 21.9 32.9
59 11.8 9.2 13.8

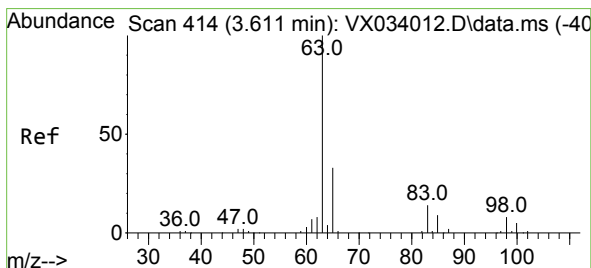
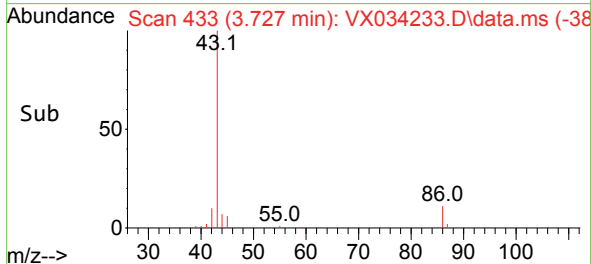
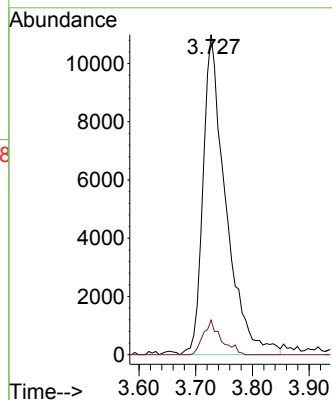
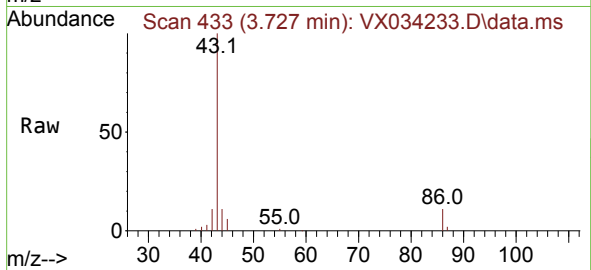




#23
 Vinyl Acetate
 Concen: 3.058 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VX034233.D
 Acq: 22 Feb 2023 16:55

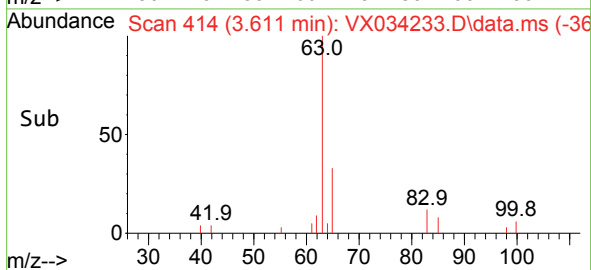
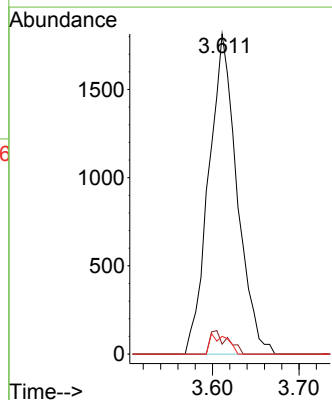
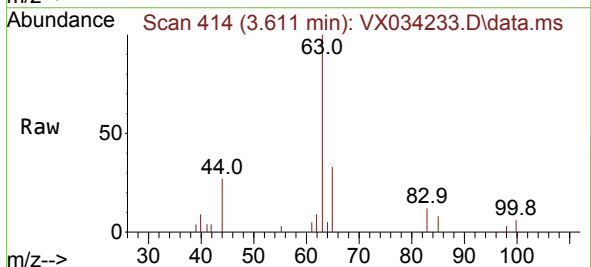
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

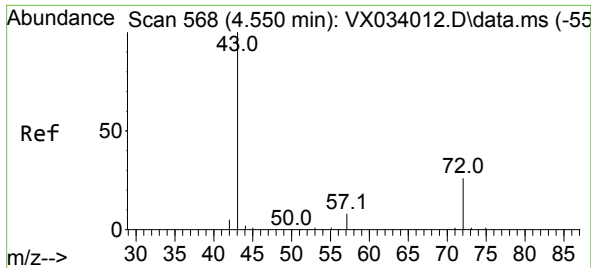
Tgt Ion: 43 Resp: 30539
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 0.603 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034233.D
 Acq: 22 Feb 2023 16:55

Tgt Ion: 63 Resp: 4129
 Ion Ratio Lower Upper
 63 100
 98 3.1 3.8 11.2#
 100 5.5 2.4 7.2

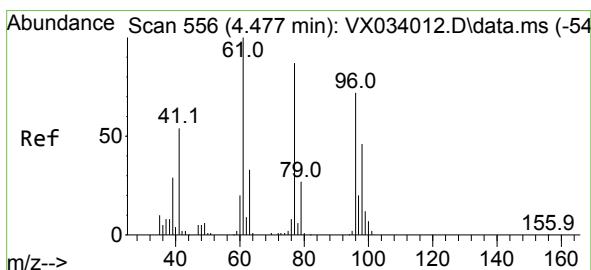
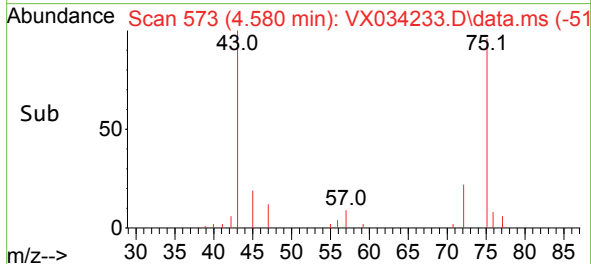
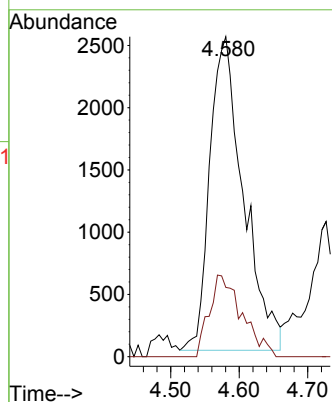
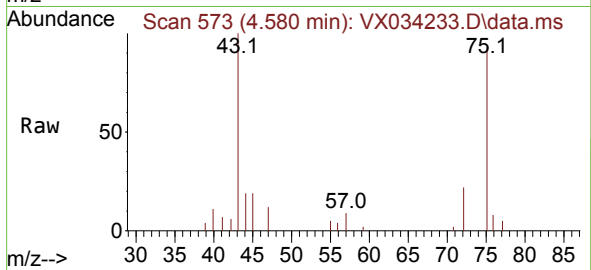




#25
2-Butanone
Concen: 2.755 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

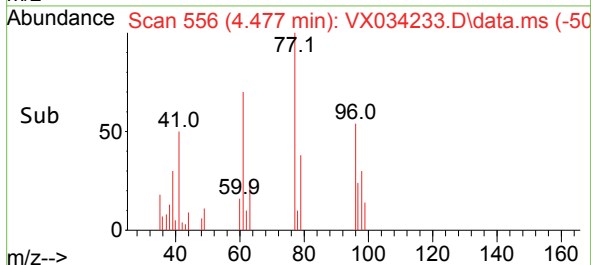
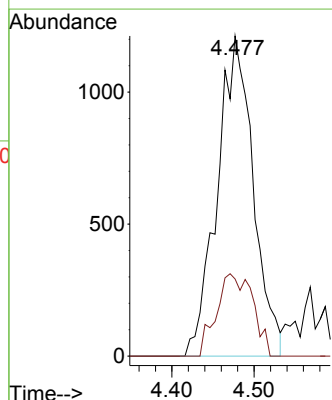
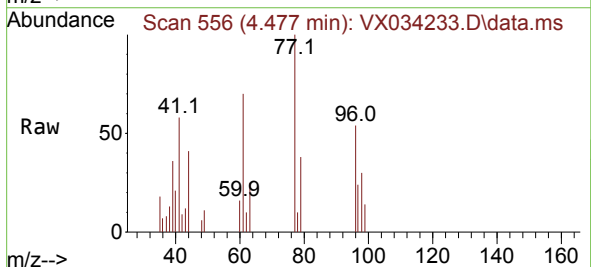
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

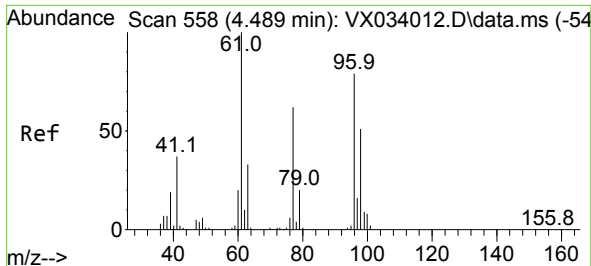
Tgt Ion: 43 Resp: 8582
Ion Ratio Lower Upper
43 100
72 22.1 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.597 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 77 Resp: 3699
Ion Ratio Lower Upper
77 100
97 25.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.669 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

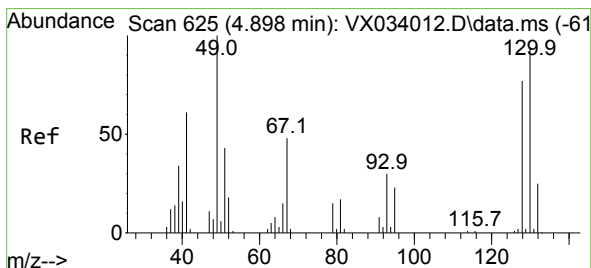
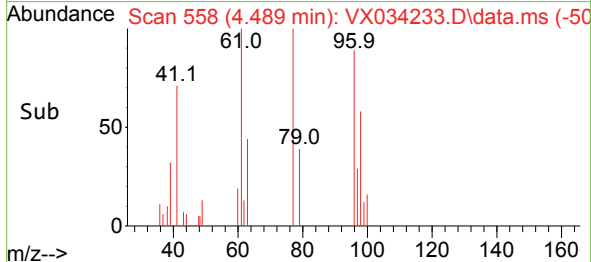
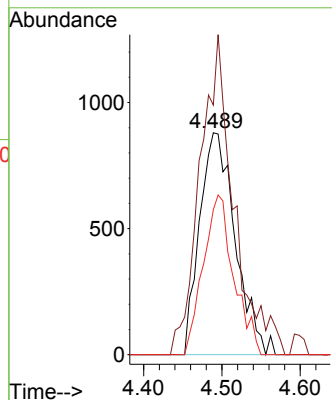
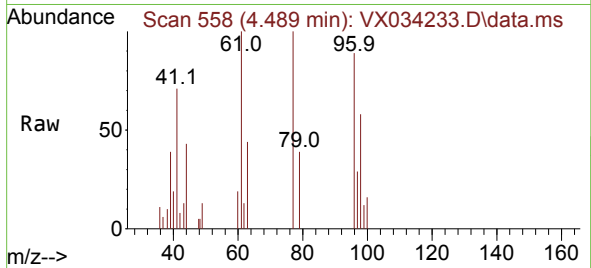
Tgt Ion: 96 Resp: 2781

Ion Ratio Lower Upper

96 100

61 137.2 0.0 277.6

98 61.6 0.0 128.0



#28

Bromochloromethane

Concen: 0.762 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.012 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

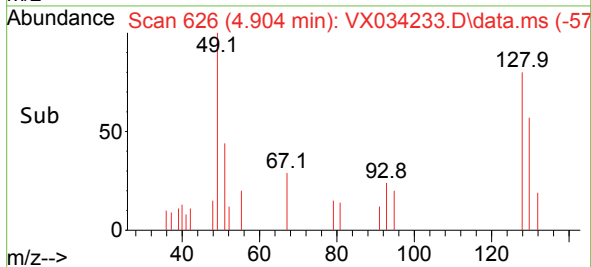
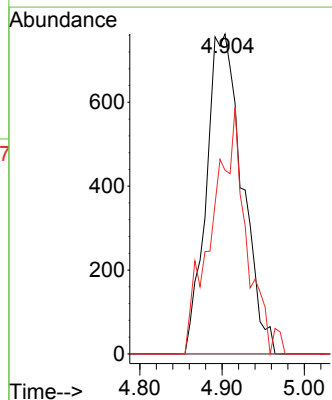
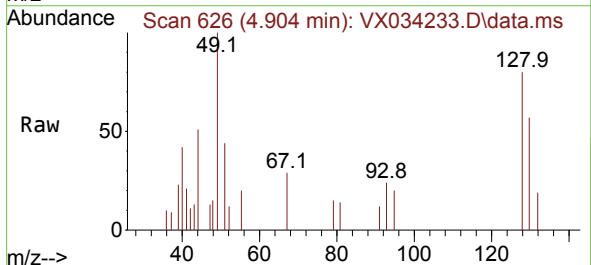
Tgt Ion: 49 Resp: 2326

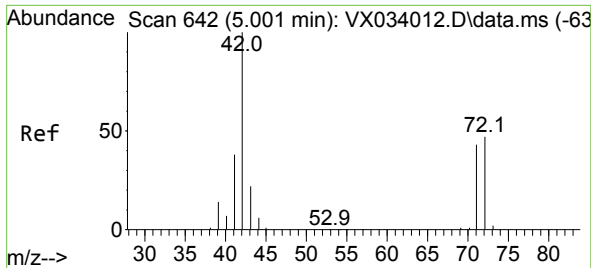
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 73.1 68.5 102.7





#29

Tetrahydrofuran

Concen: 3.457 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

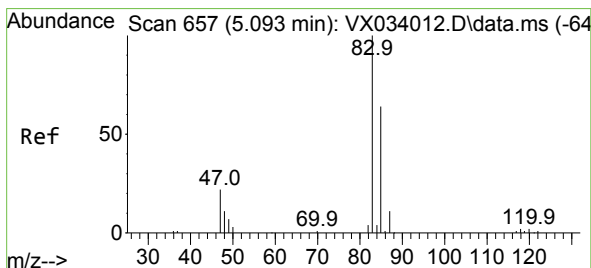
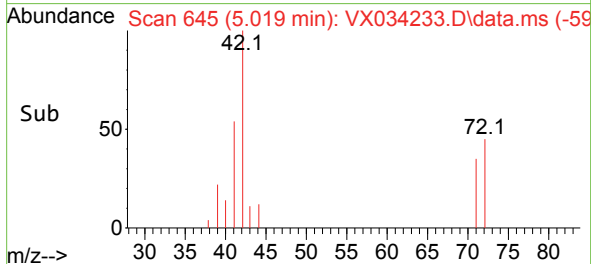
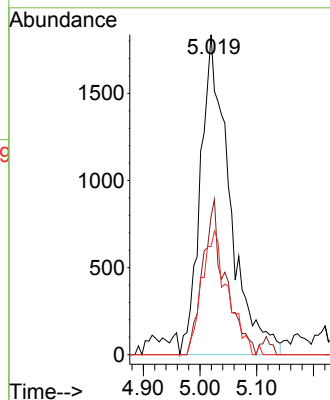
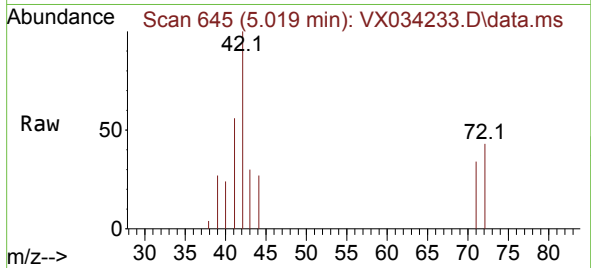
Tgt Ion: 42 Resp: 6569

Ion Ratio Lower Upper

42 100

72 37.5 34.8 52.2

71 34.1 32.2 48.2



#30

Chloroform

Concen: 0.639 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.018 min

Lab File: VX034233.D

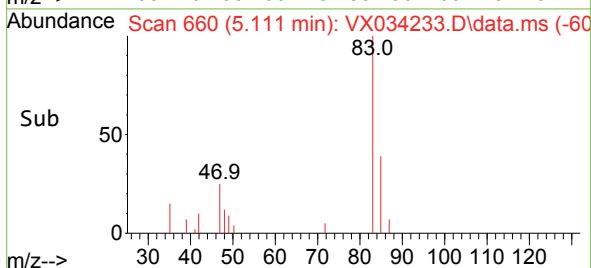
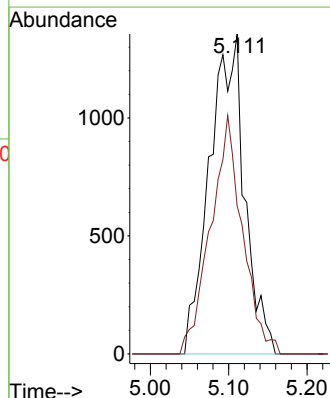
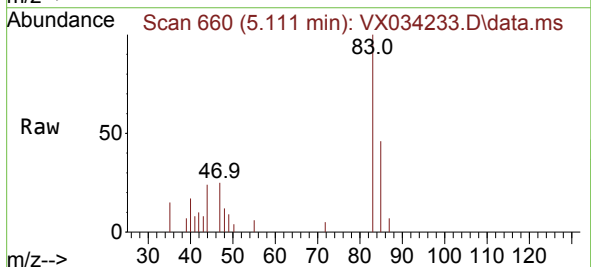
Acq: 22 Feb 2023 16:55

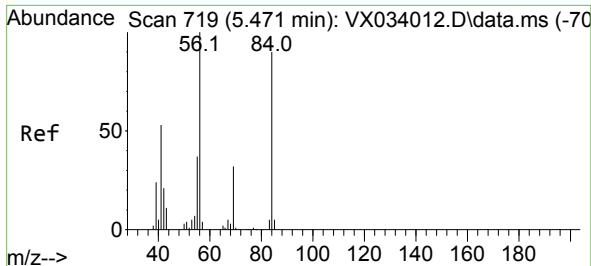
Tgt Ion: 83 Resp: 4199

Ion Ratio Lower Upper

83 100

85 46.2 52.1 78.1#

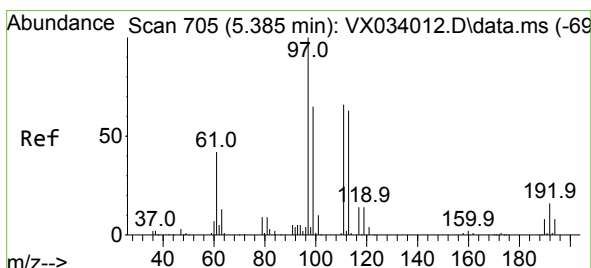
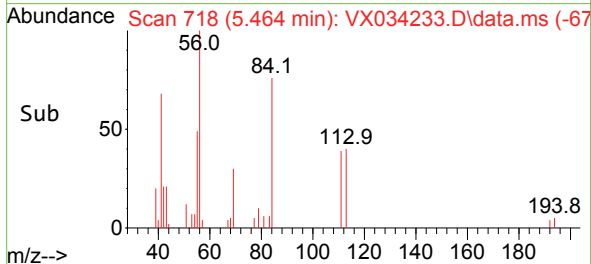
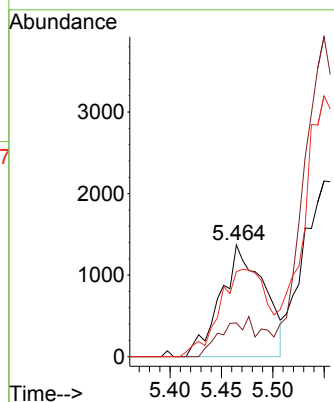
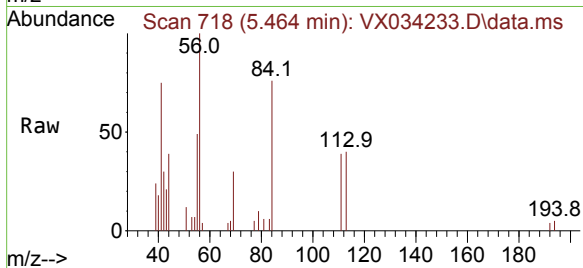




#31
Cyclohexane
Concen: 0.640 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

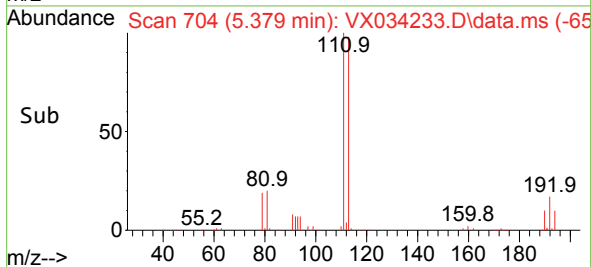
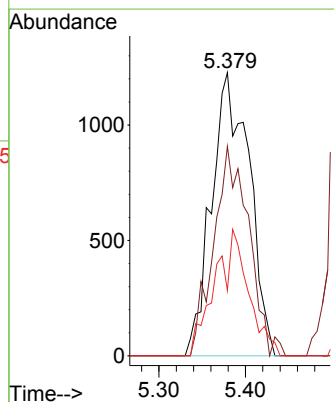
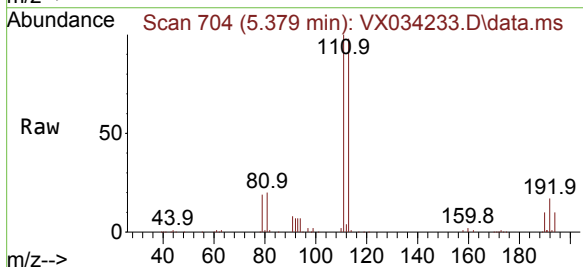
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

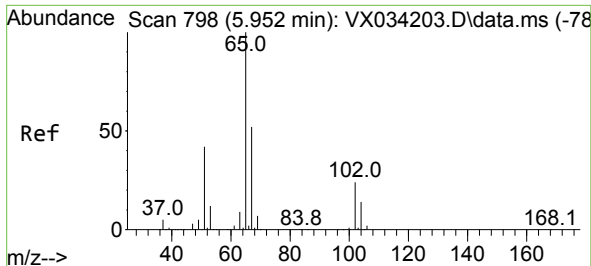
Tgt Ion: 56 Resp: 3990
Ion Ratio Lower Upper
56 100
69 30.2 24.6 37.0
84 76.1 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 0.629 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 97 Resp: 3705
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 40.1 35.2 52.8

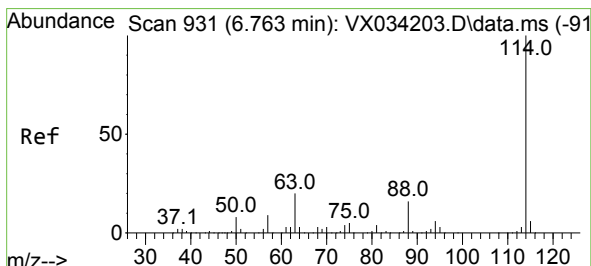
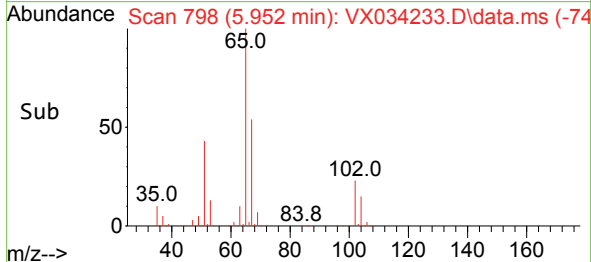
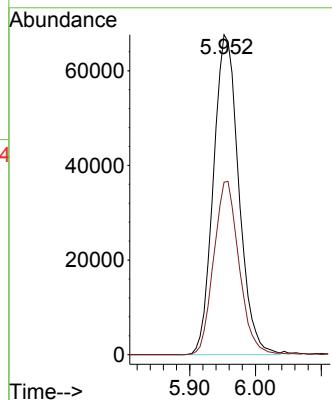
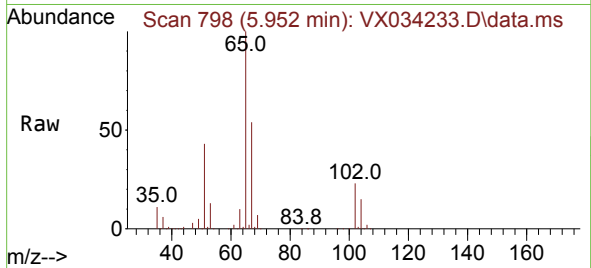




#33
 1,2-Dichloroethane-d4
 Concen: 43.533 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034233.D
 Acq: 22 Feb 2023 16:55

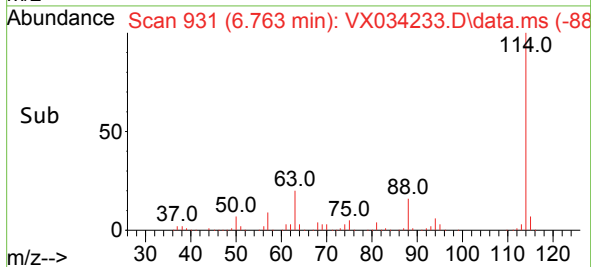
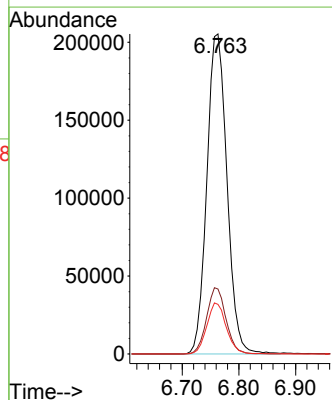
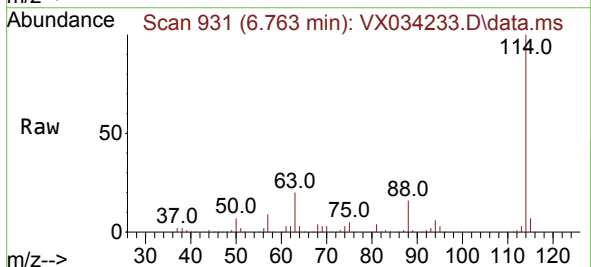
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

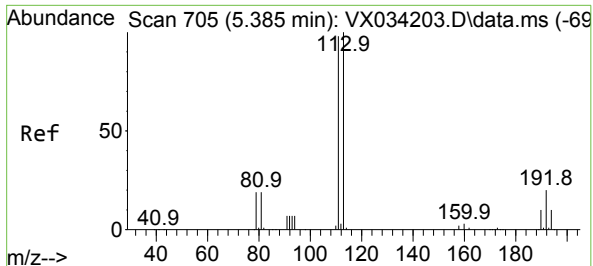
Tgt Ion: 65 Resp: 181675
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034233.D
 Acq: 22 Feb 2023 16:55

Tgt Ion: 114 Resp: 506110
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 15.5 0.0 30.6

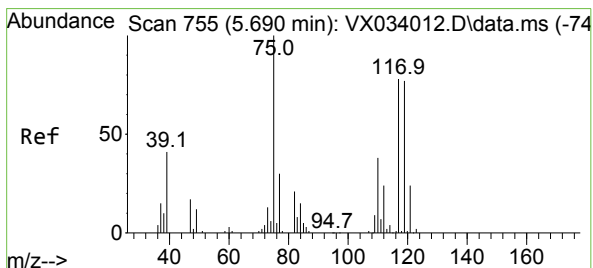
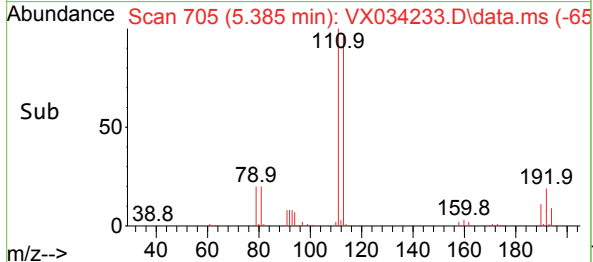
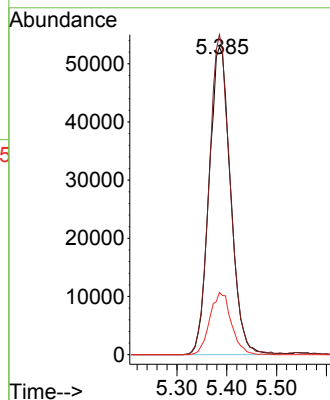
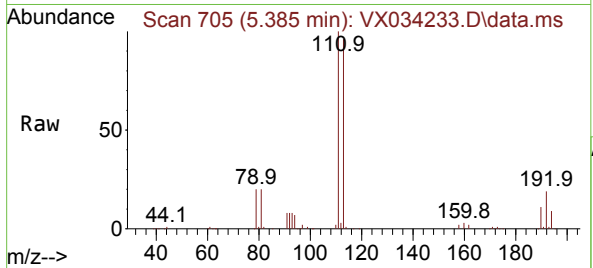




#35
Dibromofluoromethane
Concen: 47.973 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

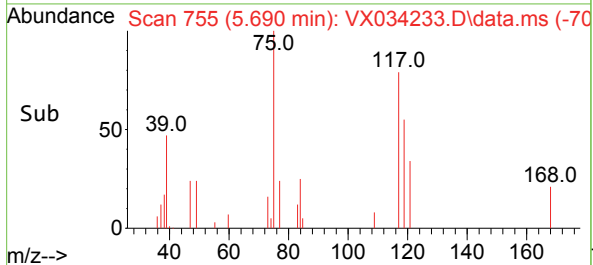
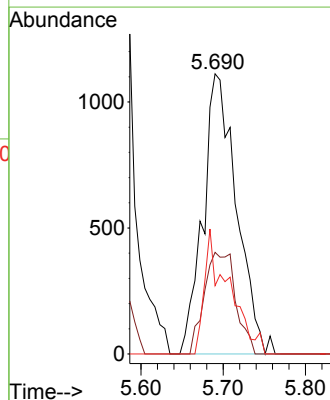
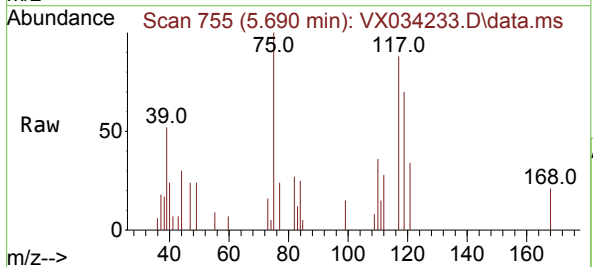
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

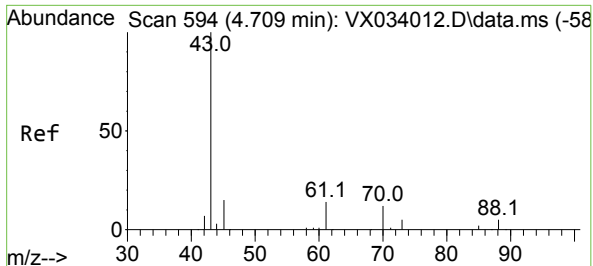
Tgt Ion:113 Resp: 158083
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.6
192 20.2 19.0 28.4



#36
1,1-Dichloropropene
Concen: 0.644 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 75 Resp: 3139
Ion Ratio Lower Upper
75 100
110 34.1 18.8 56.4
77 32.7 25.1 37.7





#37

Ethyl Acetate

Concen: 0.620 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.018 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

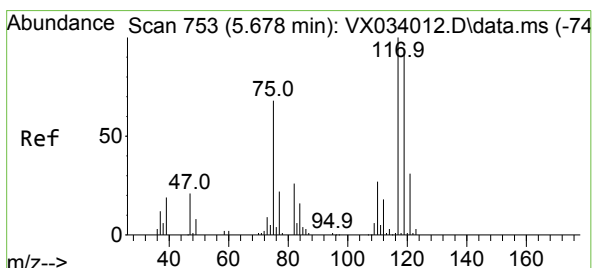
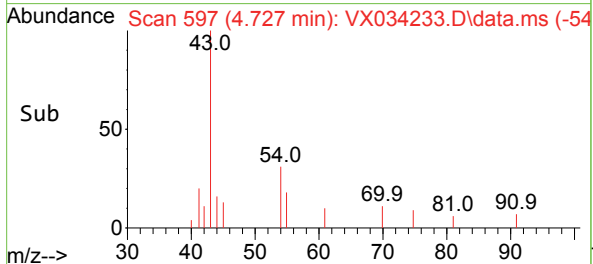
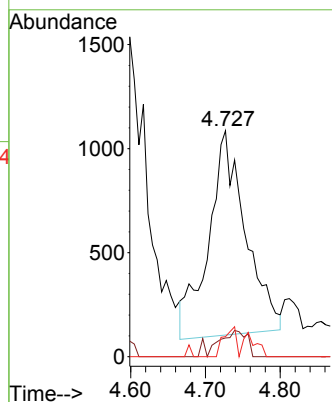
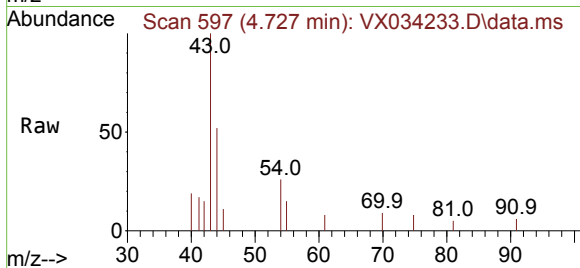
Tgt Ion: 43 Resp: 3379

Ion Ratio Lower Upper

43 100

61 9.1 11.1 16.7#

70 4.9 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 0.675 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

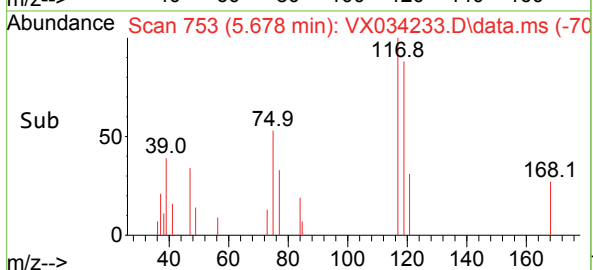
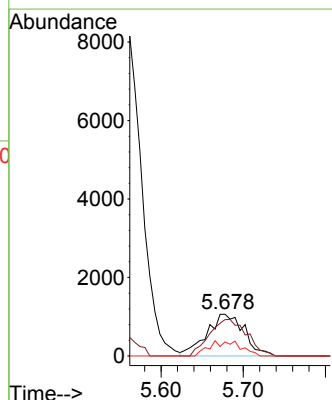
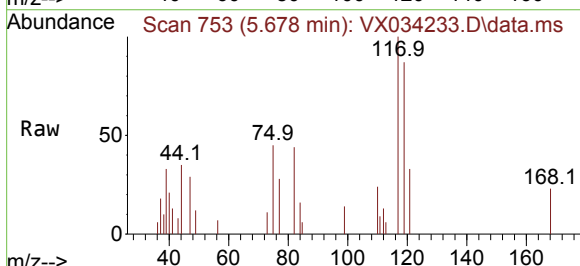
Tgt Ion: 117 Resp: 3386

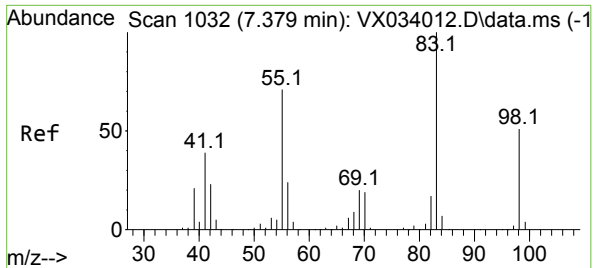
Ion Ratio Lower Upper

117 100

119 86.8 78.0 117.0

121 33.5 24.4 36.6

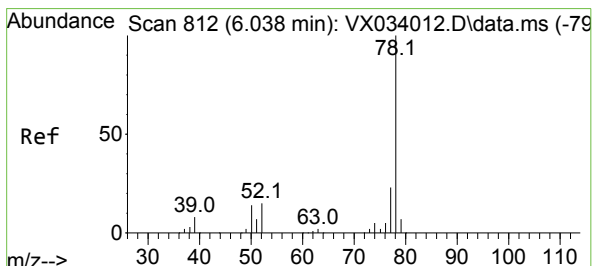
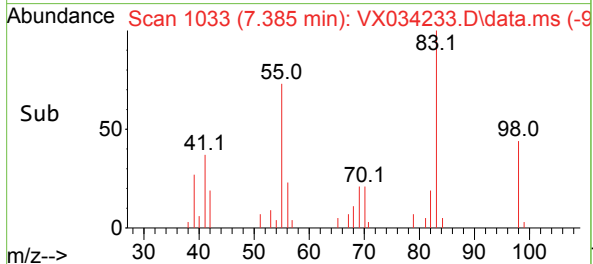
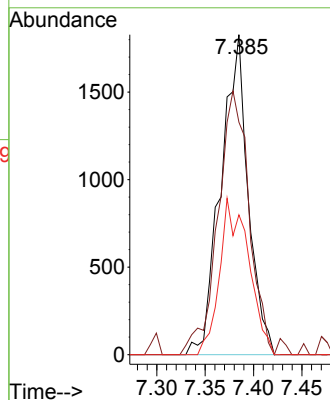
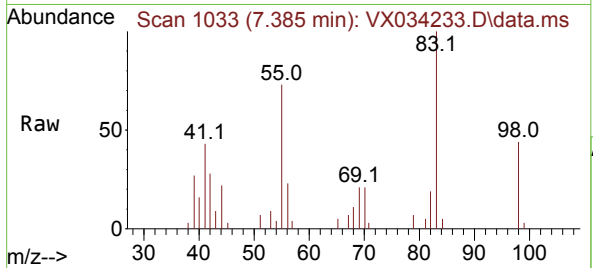




#39
Methylcyclohexane
Concen: 0.573 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

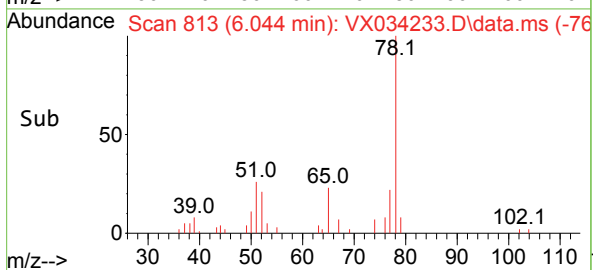
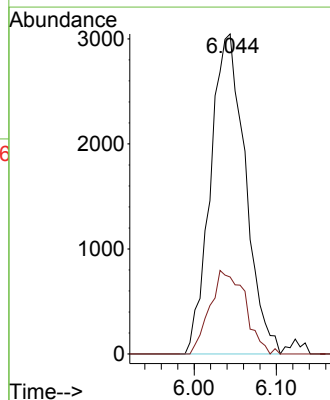
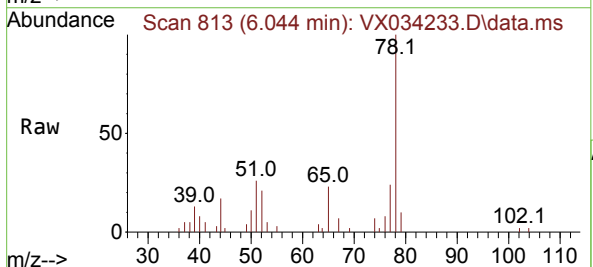
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

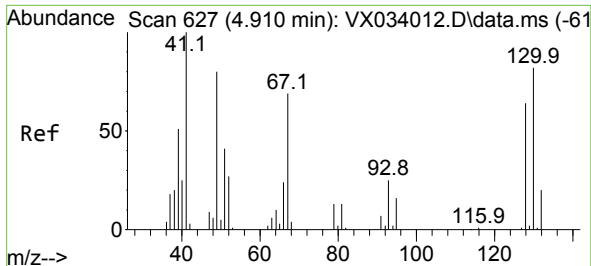
Tgt Ion: 83	Resp:	3594
Ion	Ratio	Lower Upper
83	100	
55	72.6	61.8 92.6
98	43.7	39.3 58.9



#40
Benzene
Concen: 0.621 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 78	Resp:	8975
Ion	Ratio	Lower Upper
78	100	
77	24.1	19.0 28.4

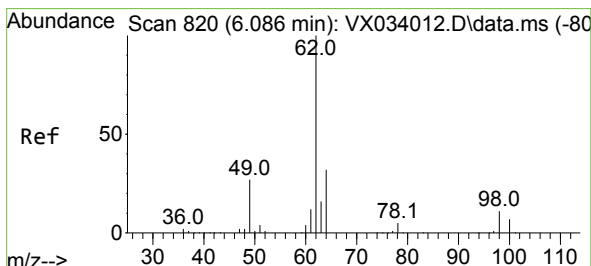
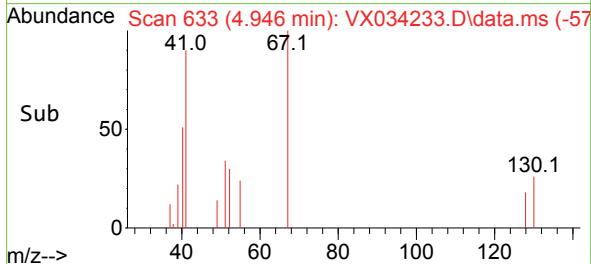
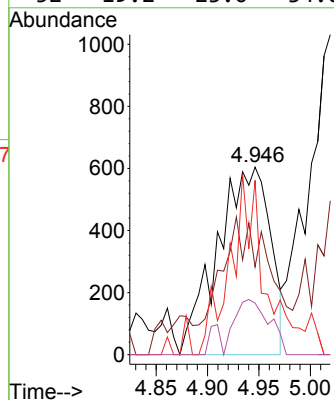
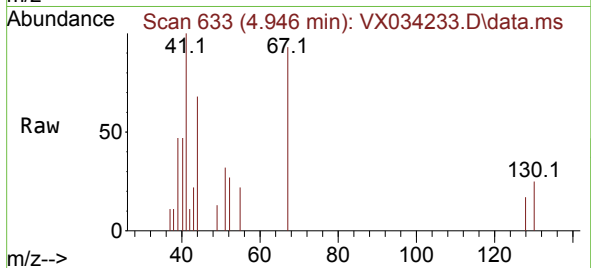




#41
Methacrylonitrile
Concen: 0.713 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.031 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

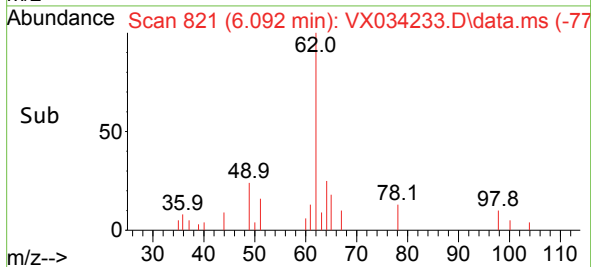
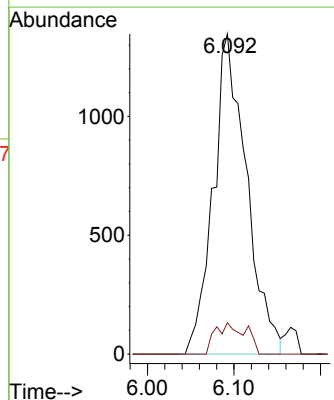
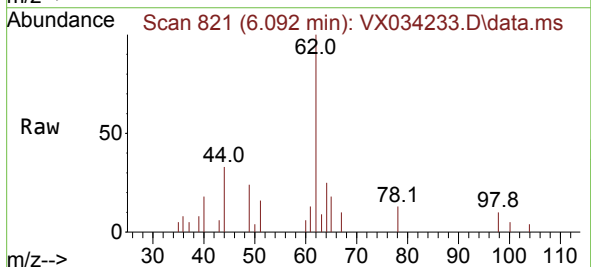
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

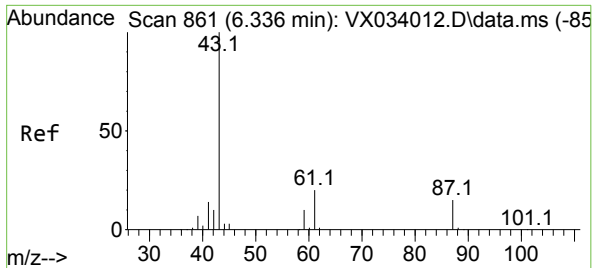
Tgt Ion: 41	Resp: 2164
Ion Ratio	Lower Upper
41 100	
39 51.1	43.8 65.6
67 62.9	54.8 82.2
52 19.2	23.0 34.6#



#42
1,2-Dichloroethane
Concen: 0.705 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 62	Resp: 3581
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 20.2

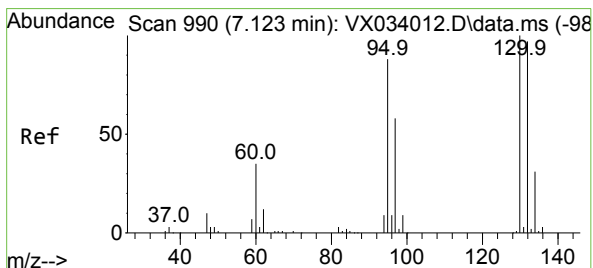
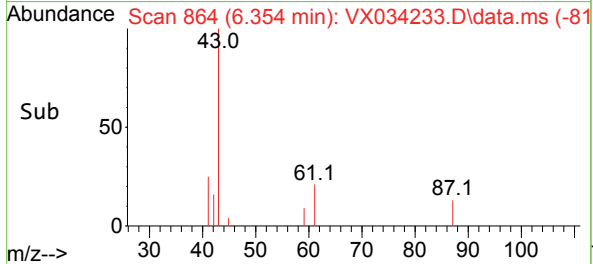
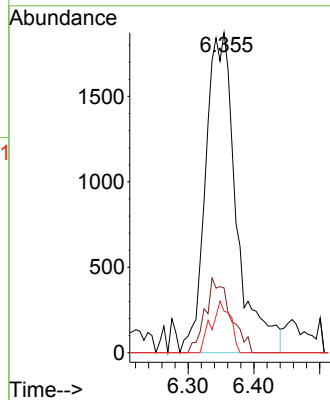
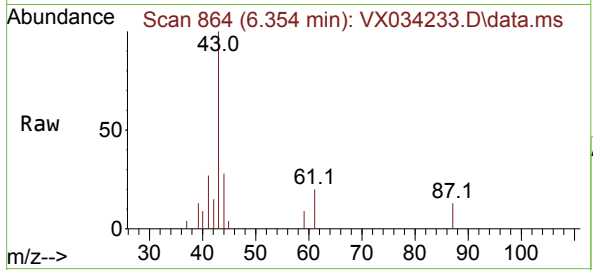




#43
Isopropyl Acetate
Concen: 0.636 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

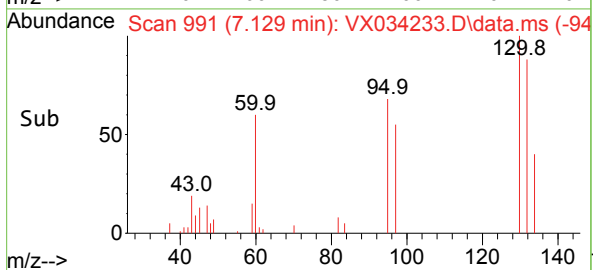
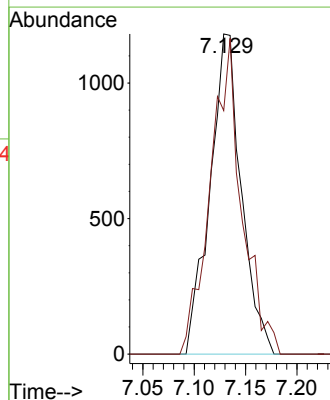
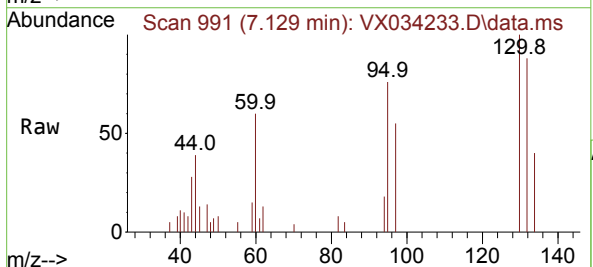
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

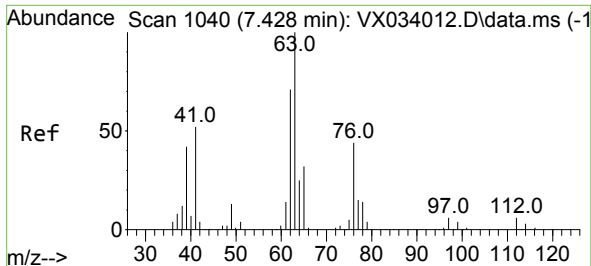
Tgt Ion: 43 Resp: 6111
Ion Ratio Lower Upper
43 100
61 19.0 15.7 23.5
87 10.0 10.6 15.8#



#44
Trichloroethene
Concen: 0.676 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion:130 Resp: 2505
Ion Ratio Lower Upper
130 100
95 76.0 0.0 182.6

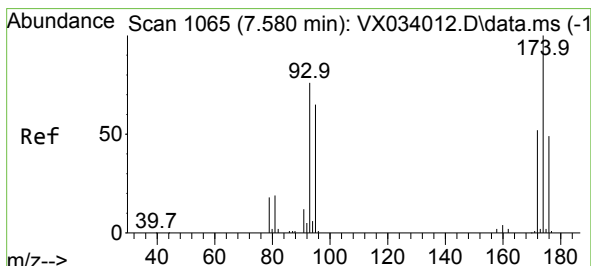
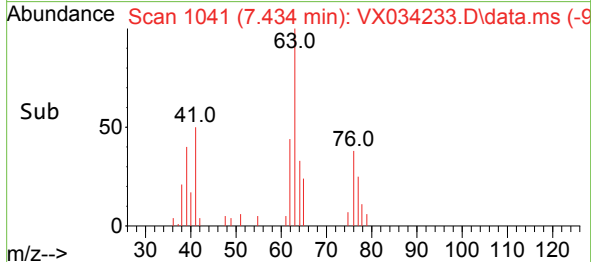
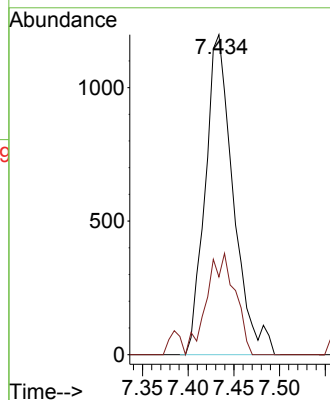
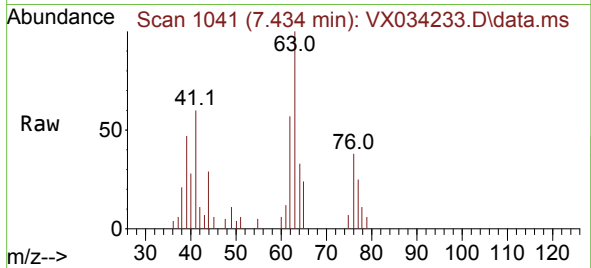




#45
1,2-Dichloropropane
Concen: 0.665 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

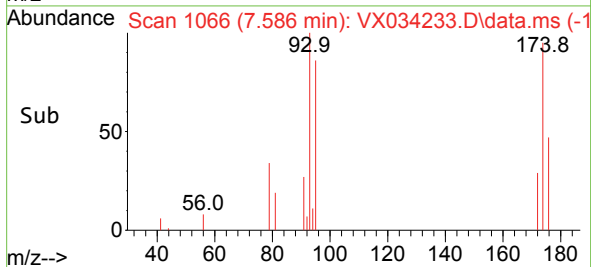
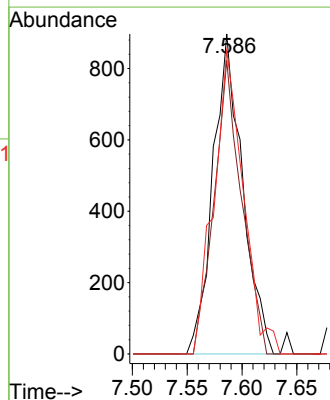
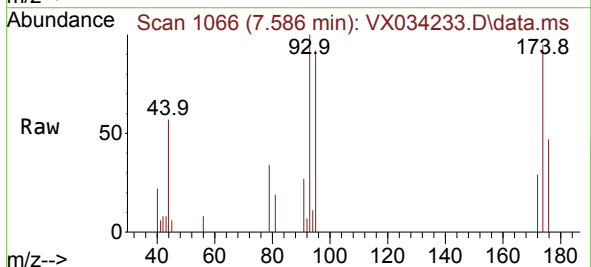
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

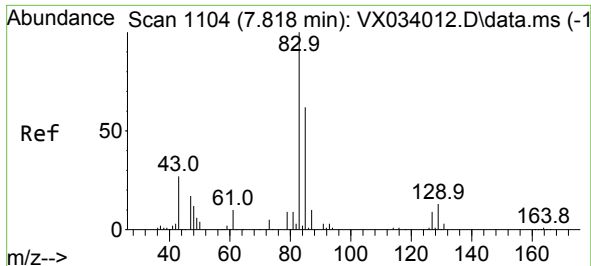
Tgt Ion: 63 Resp: 2555
Ion Ratio Lower Upper
63 100
65 24.3 24.2 36.2



#46
Dibromomethane
Concen: 0.662 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 93 Resp: 1675
Ion Ratio Lower Upper
93 100
95 85.9 67.6 101.4
174 95.2 97.4 146.0#

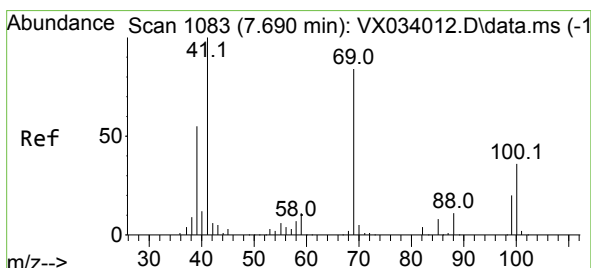
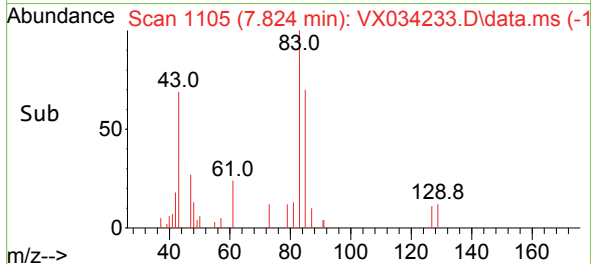
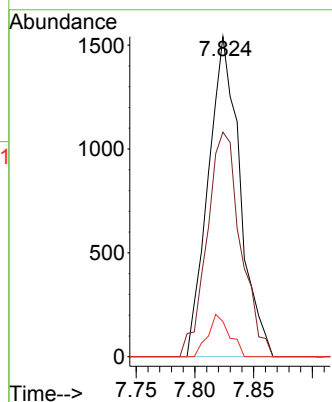
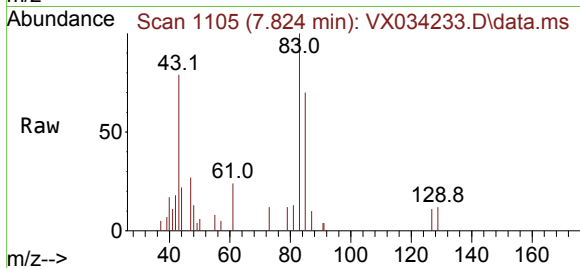




#47
Bromodichloromethane
Concen: 0.558 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

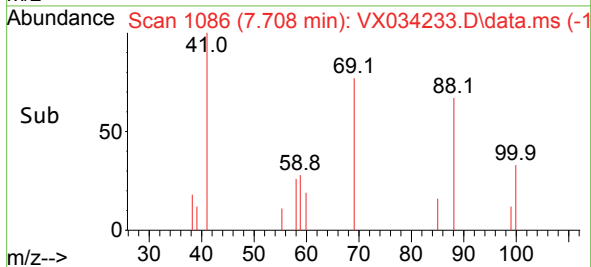
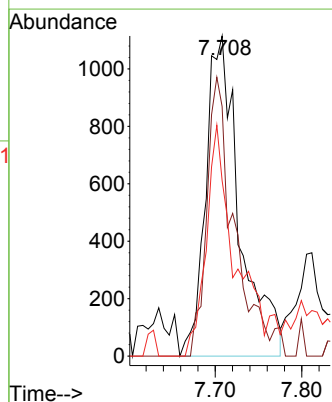
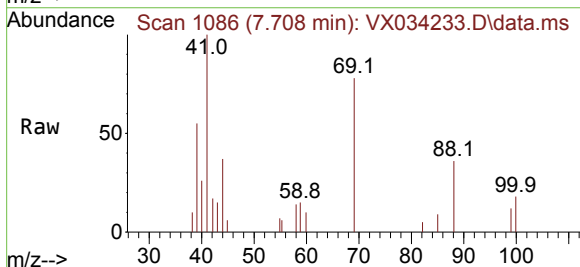
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

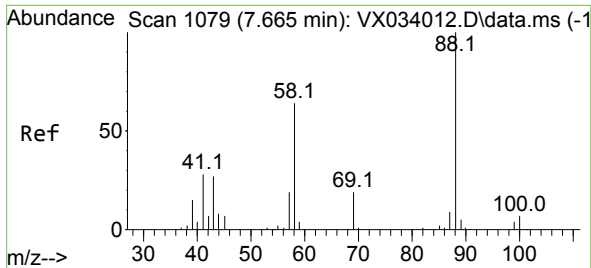
Tgt Ion: 83 Resp: 2896
Ion Ratio Lower Upper
83 100
85 70.1 49.8 74.6
127 11.0 7.0 10.4#



#48
Methyl methacrylate
Concen: 0.663 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 41 Resp: 3025
Ion Ratio Lower Upper
41 100
69 71.8 63.1 94.7
39 62.2 43.2 64.8

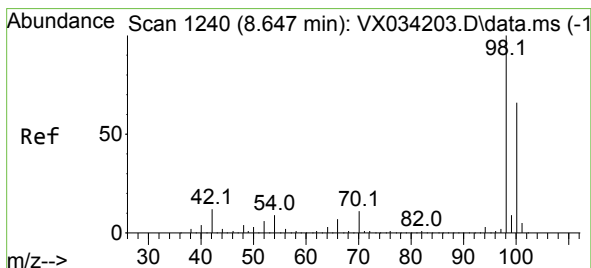
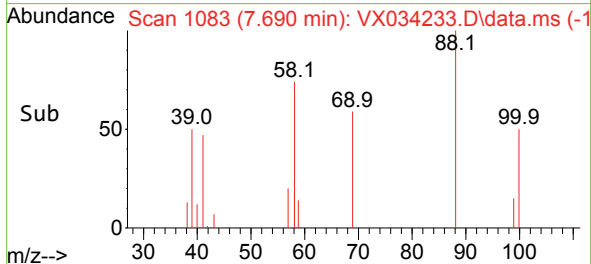
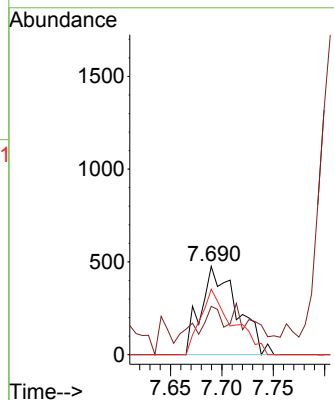
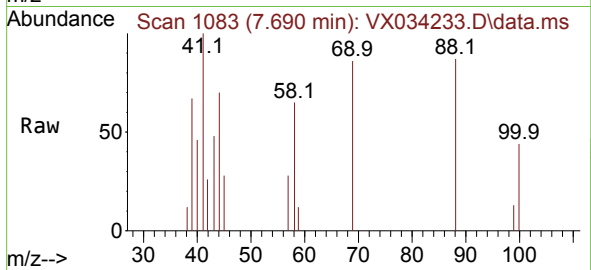




#49
1,4-Dioxane
Concen: 12.848 ug/l
RT: 7.690 min Scan# 1079
Delta R.T. 0.037 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

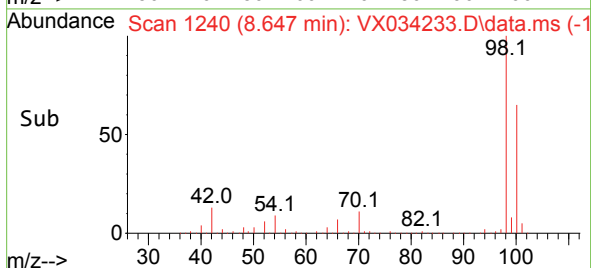
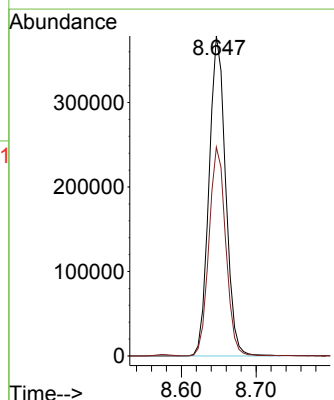
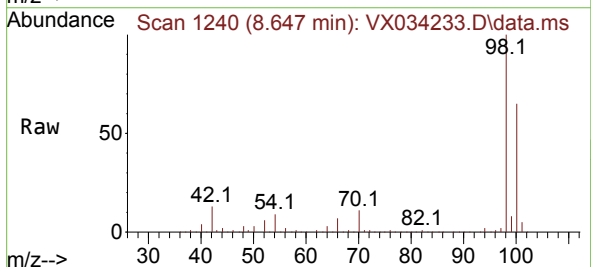
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

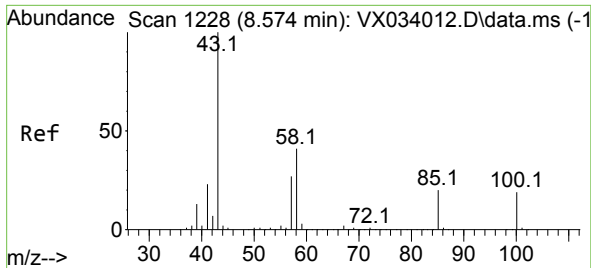
Tgt Ion: 88 Resp: 1169
Ion Ratio Lower Upper
88 100
43 27.1 0.0 0.0#
58 66.1 56.5 84.7



#50
Toluene-d8
Concen: 49.382 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 98 Resp: 584241
Ion Ratio Lower Upper
98 100
100 65.9 53.6 80.4

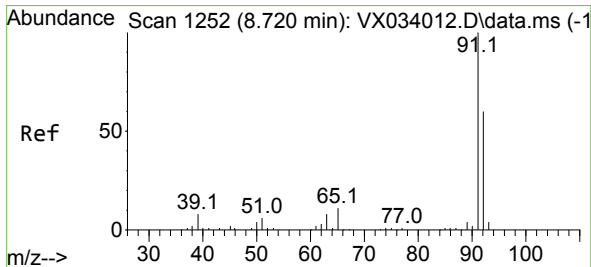
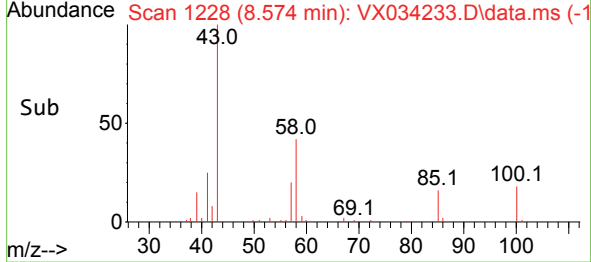
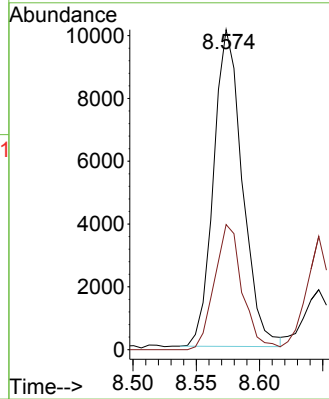
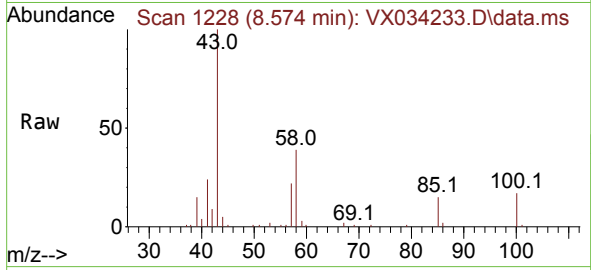




#51
4-Methyl-2-Pentanone
Concen: 3.030 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

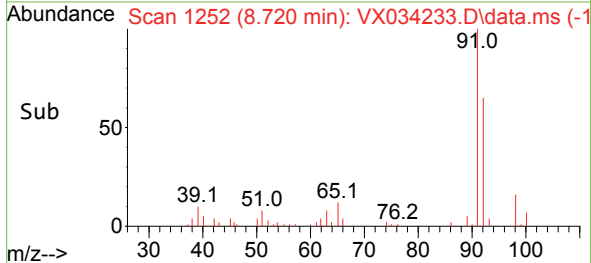
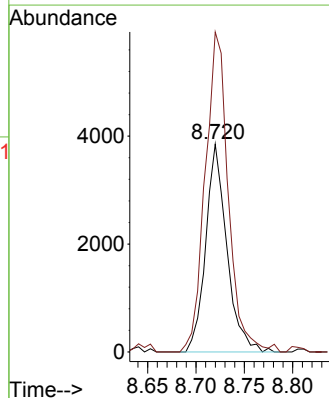
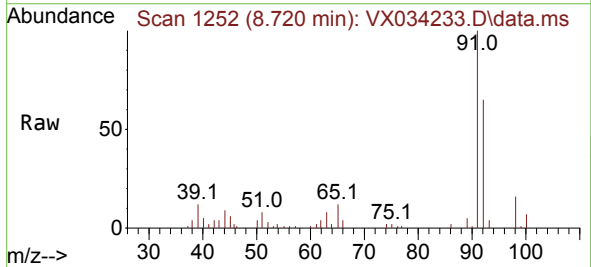
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

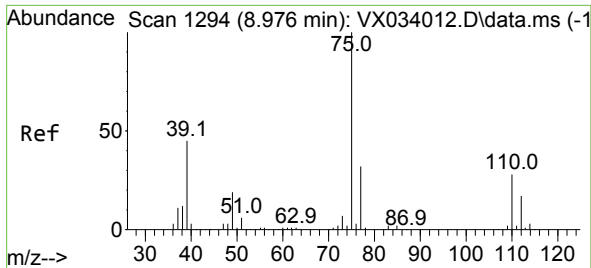
Tgt Ion: 43 Resp: 16022
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8



#52
Toluene
Concen: 0.672 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 92 Resp: 5877
Ion Ratio Lower Upper
92 100
91 168.2 135.5 203.3

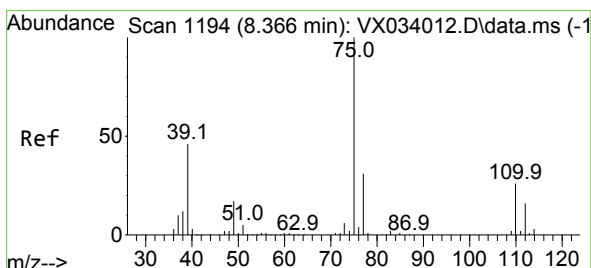
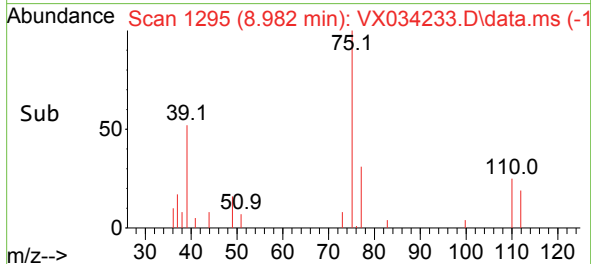
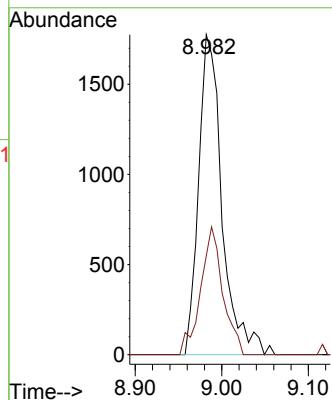
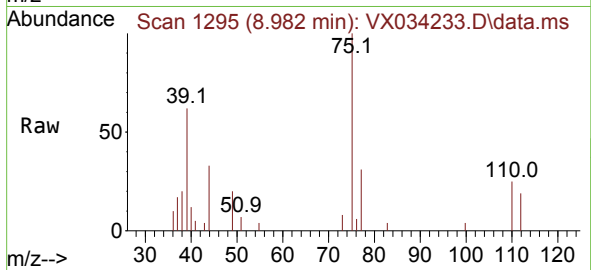




#53
 t-1,3-Dichloropropene
 Concen: 0.557 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX034233.D
 Acq: 22 Feb 2023 16:55

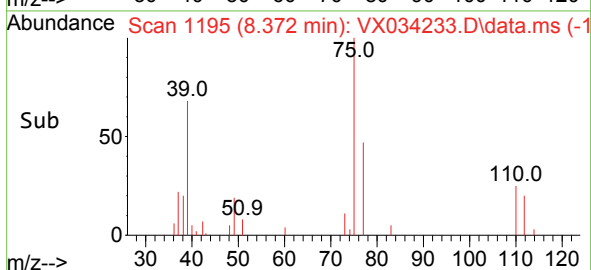
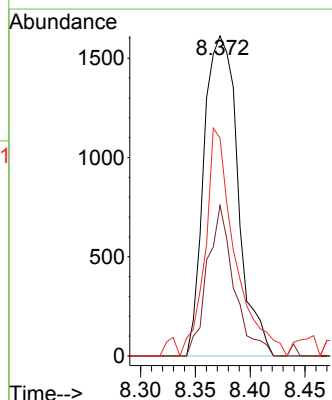
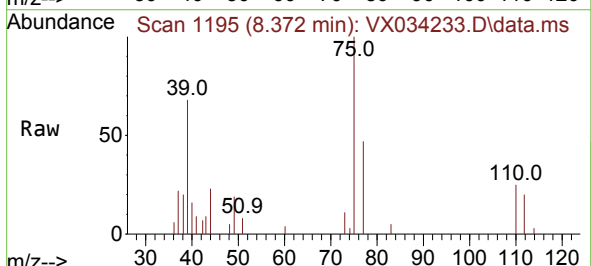
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

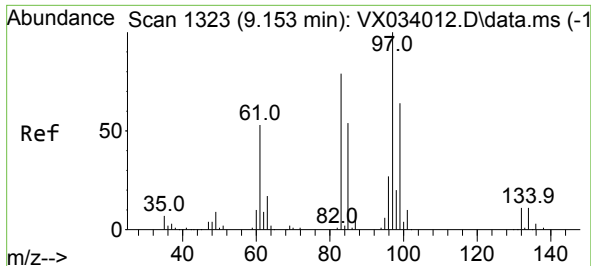
Tgt Ion: 75 Resp: 3328
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 0.544 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX034233.D
 Acq: 22 Feb 2023 16:55

Tgt Ion: 75 Resp: 3481
 Ion Ratio Lower Upper
 75 100
 77 47.0 25.0 37.6#
 39 68.1 38.6 58.0#





#55

1,1,2-Trichloroethane

Concen: 0.651 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034233.D

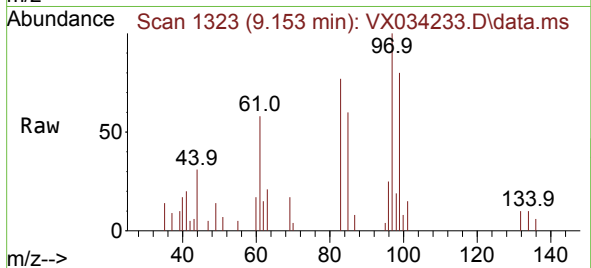
Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion: 97 Resp: 2301

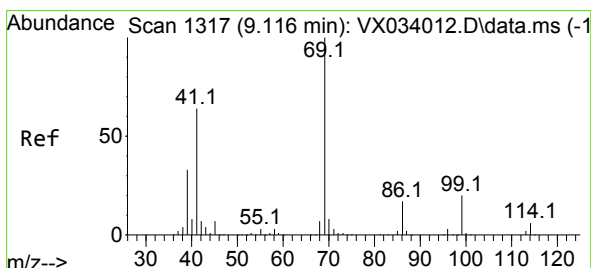
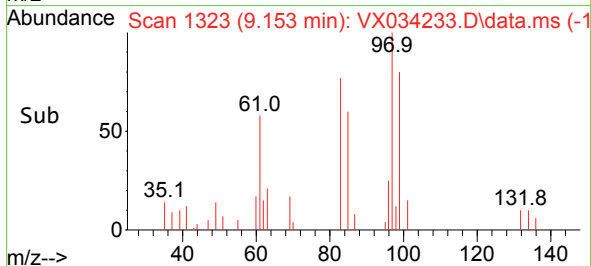
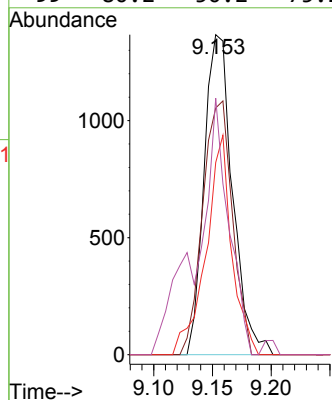
Ion Ratio Lower Upper

97 100

83 77.1 67.4 101.0

85 60.1 43.2 64.8

99 80.2 50.2 75.2#



#56

Ethyl methacrylate

Concen: 0.594 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

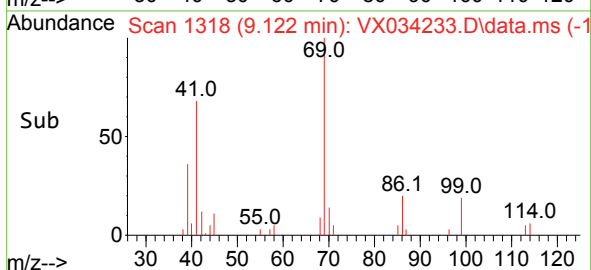
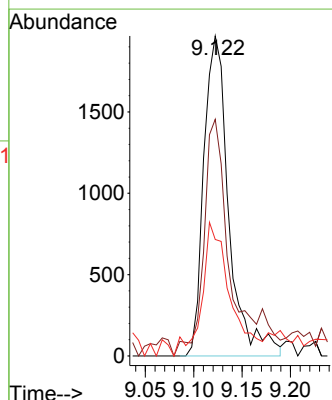
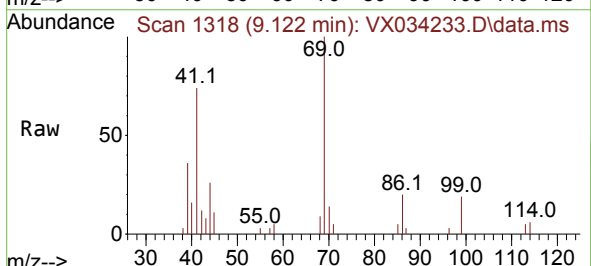
Tgt Ion: 69 Resp: 3550

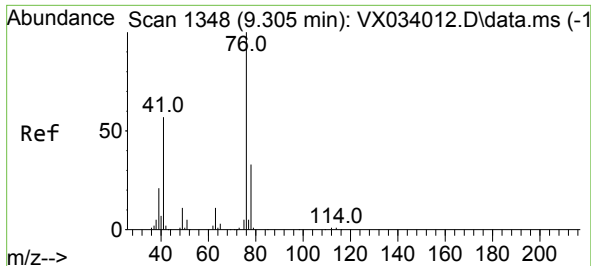
Ion Ratio Lower Upper

69 100

41 72.7 55.1 82.7

39 46.5 28.5 42.7#

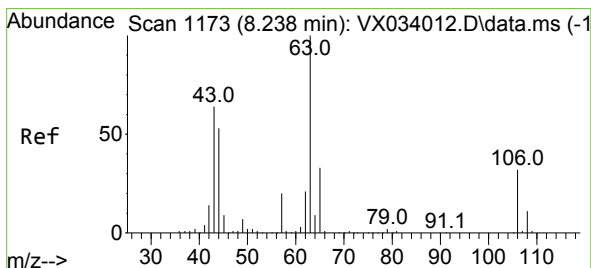
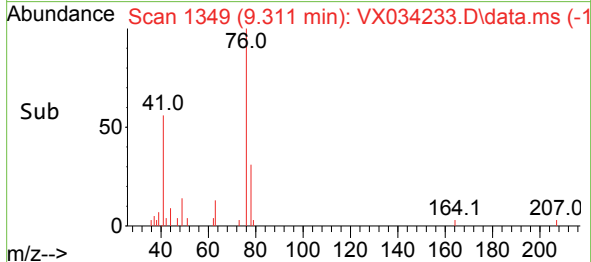
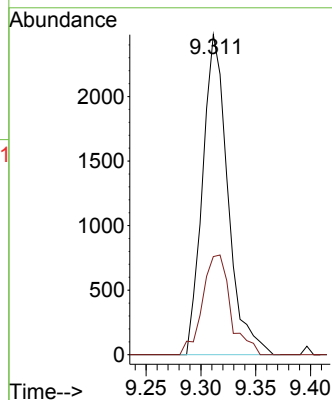
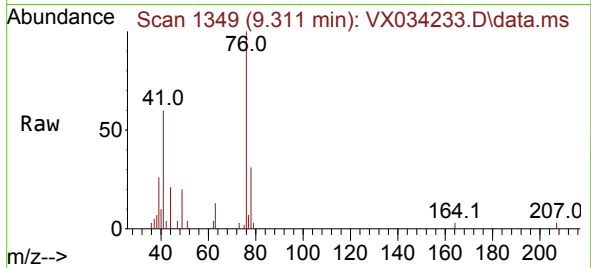




#57
1,3-Dichloropropane
Concen: 0.648 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

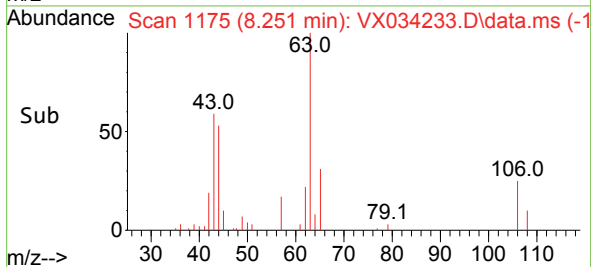
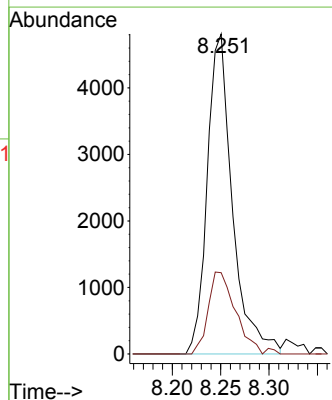
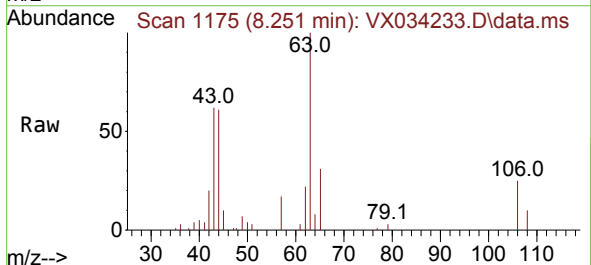
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

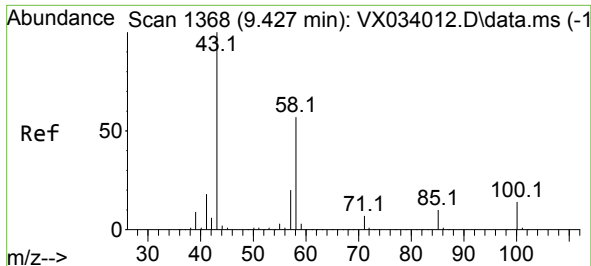
Tgt Ion: 76 Resp: 3981
Ion Ratio Lower Upper
76 100
78 34.5 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 3.358 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 63 Resp: 8693
Ion Ratio Lower Upper
63 100
106 28.2 24.5 36.7

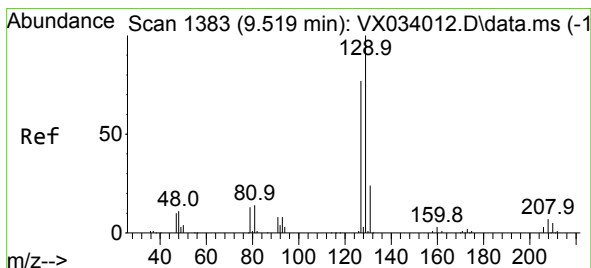
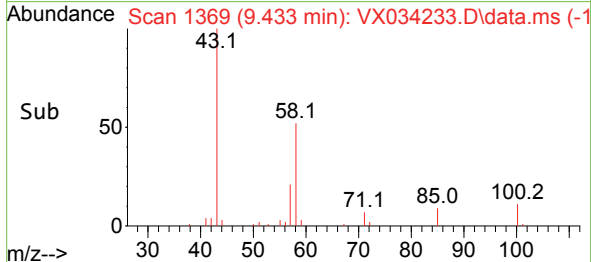
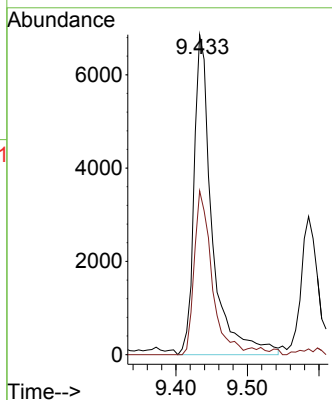
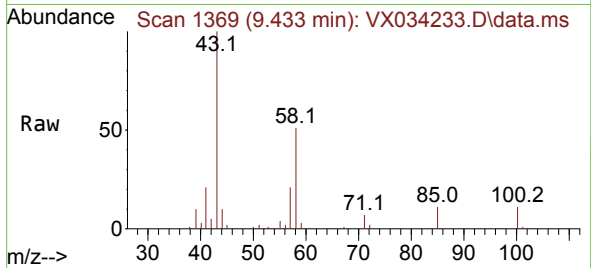




#59
2-Hexanone
Concen: 2.992 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

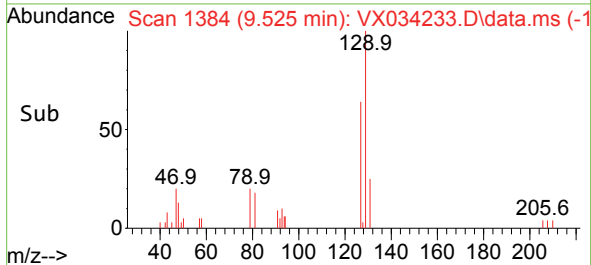
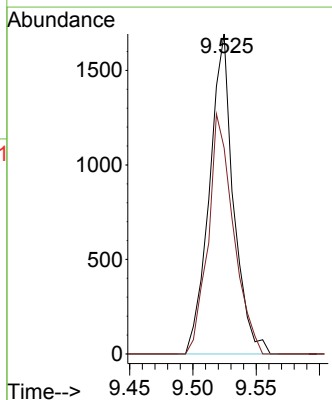
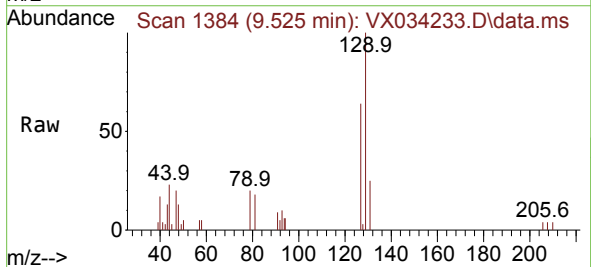
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

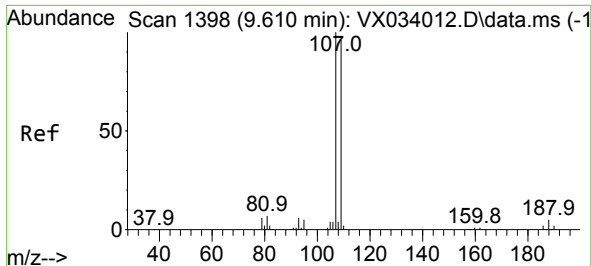
Tgt Ion: 43 Resp: 12059
Ion Ratio Lower Upper
43 100
58 50.1 27.4 82.0



#60
Dibromochloromethane
Concen: 0.575 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 129 Resp: 2243
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.3

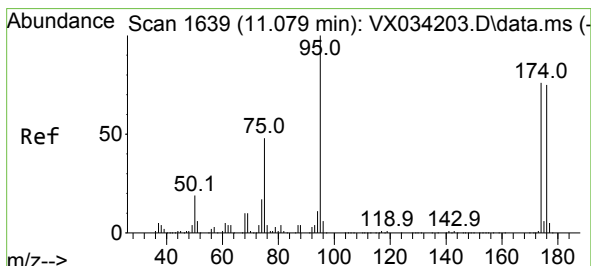
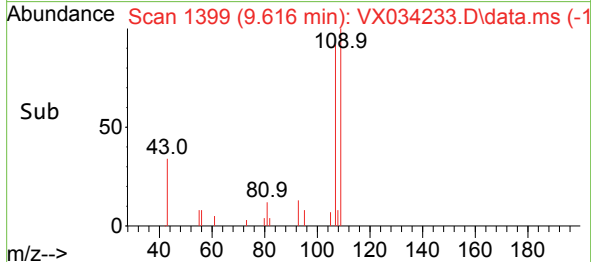
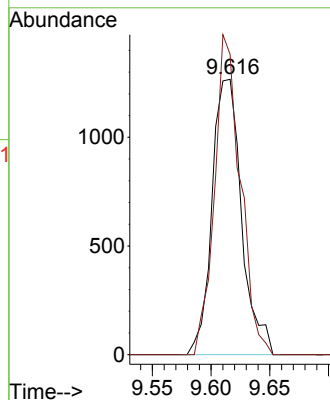
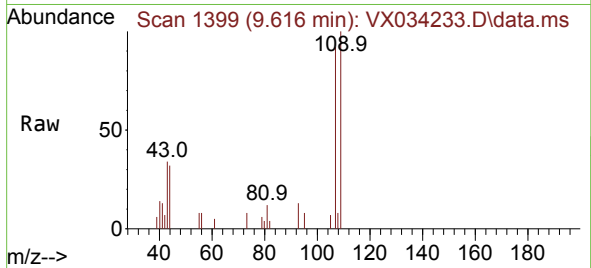




#61
1,2-Dibromoethane
Concen: 0.593 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

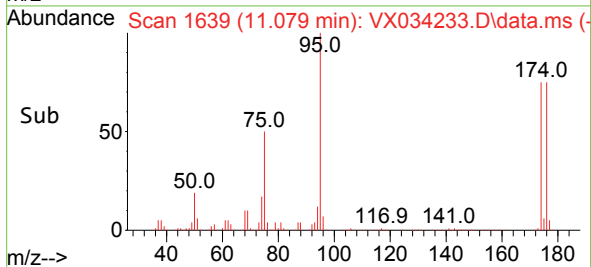
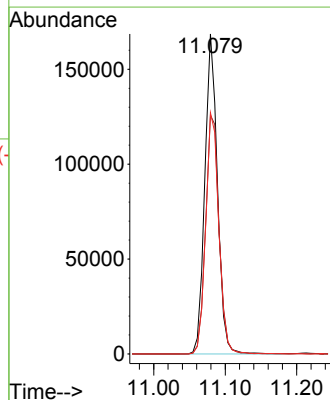
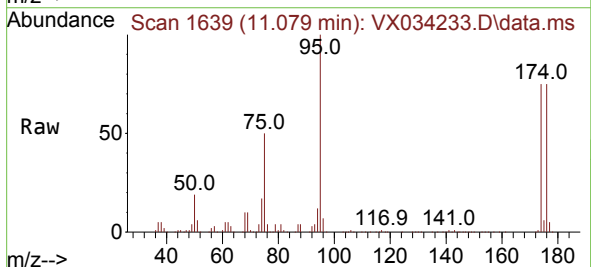
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

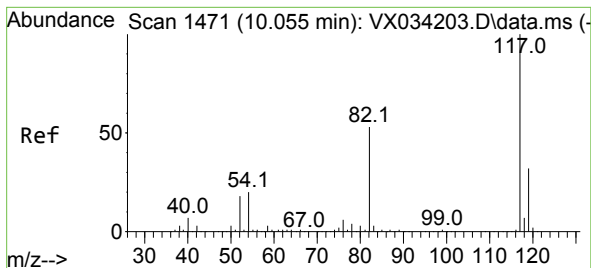
Tgt Ion:107 Resp: 2214
Ion Ratio Lower Upper
107 100
109 101.7 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 45.638 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 95 Resp: 206533
Ion Ratio Lower Upper
95 100
174 79.7 0.0 184.4
176 78.5 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: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

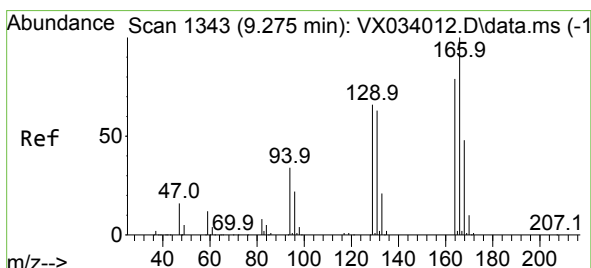
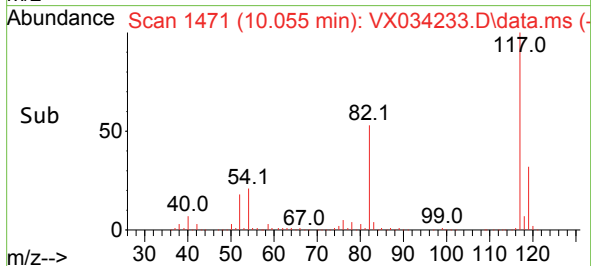
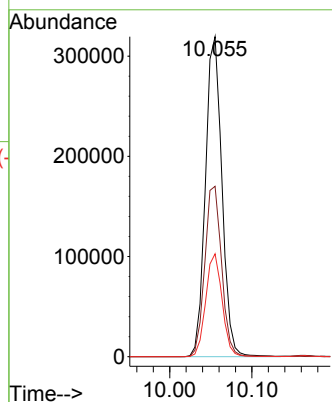
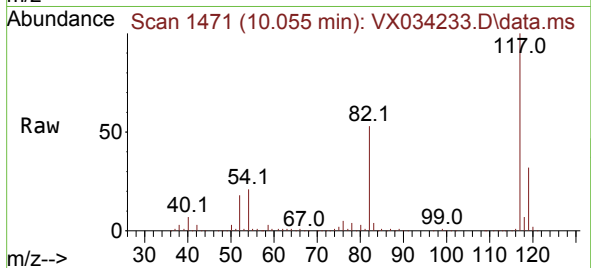
Tgt Ion:117 Resp: 445886

Ion Ratio Lower Upper

117 100

82 53.3 40.6 60.8

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 0.774 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Tgt Ion:164 Resp: 2435

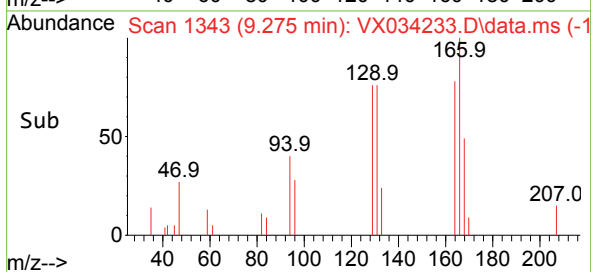
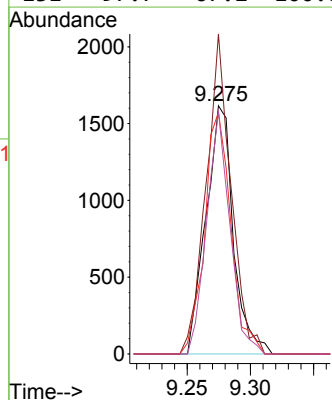
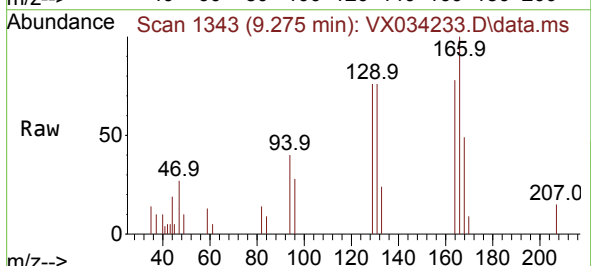
Ion Ratio Lower Upper

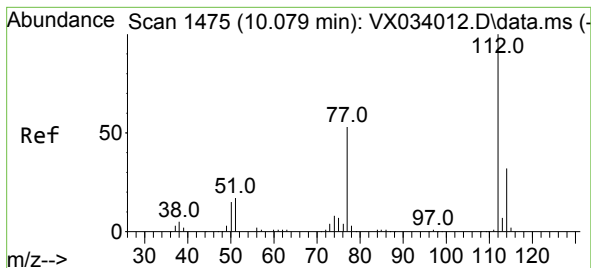
164 100

166 129.0 100.2 150.2

129 97.4 69.2 103.8

131 97.7 67.2 100.8





#65

Chlorobenzene

Concen: 0.694 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

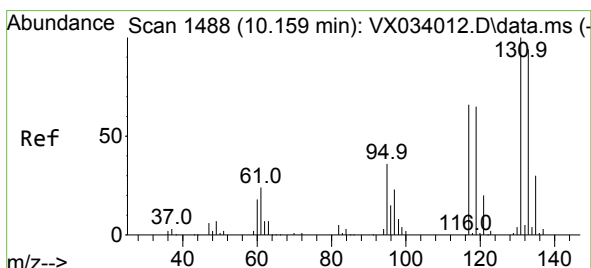
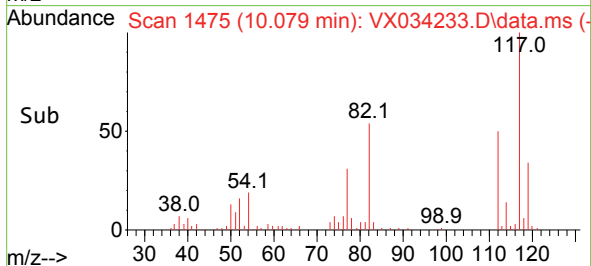
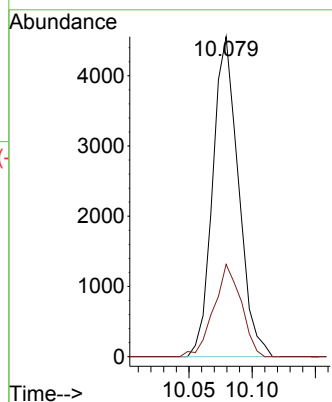
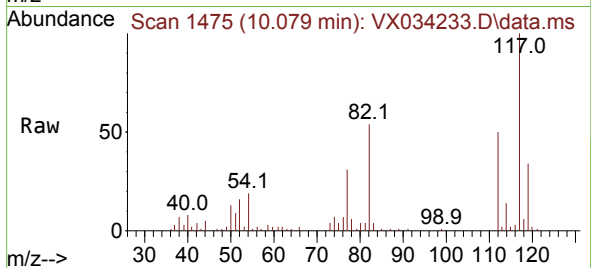
MDL-WATER-03-QT1-2023

Tgt Ion:112 Resp: 6453

Ion Ratio Lower Upper

112 100

114 28.8 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 0.628 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

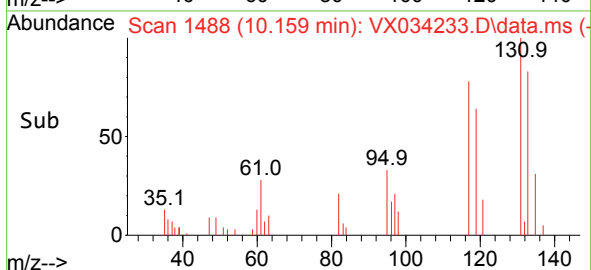
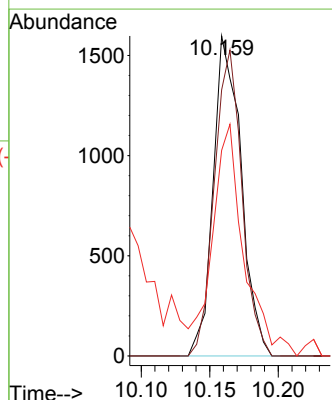
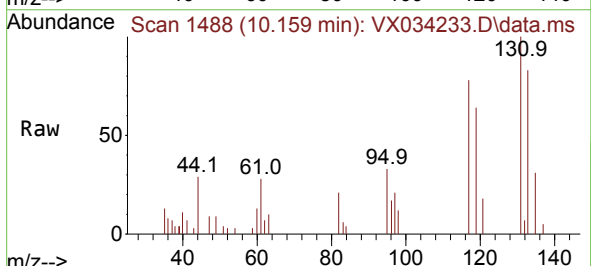
Tgt Ion:131 Resp: 2259

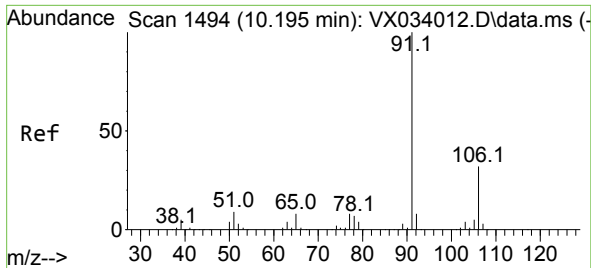
Ion Ratio Lower Upper

131 100

133 94.4 48.4 145.0

119 0.0 31.9 95.7#

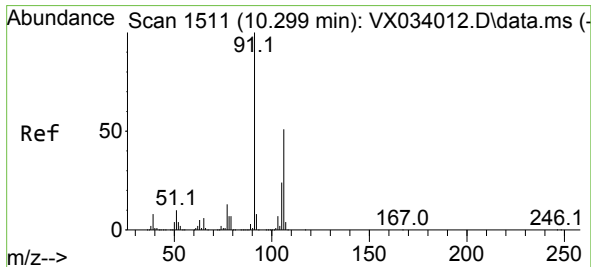
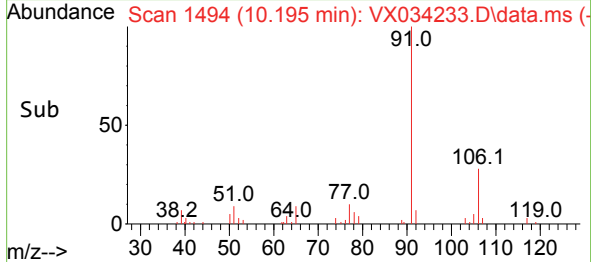
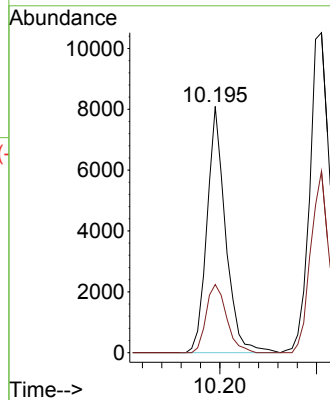
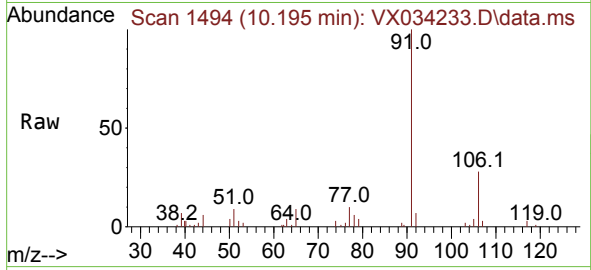




#67
Ethyl Benzene
Concen: 0.647 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

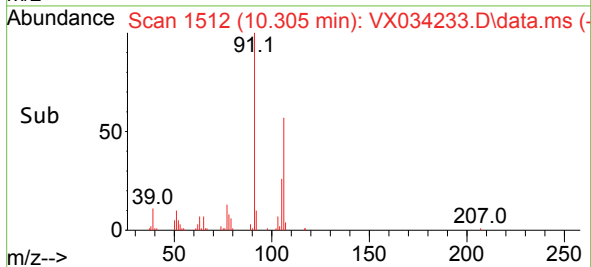
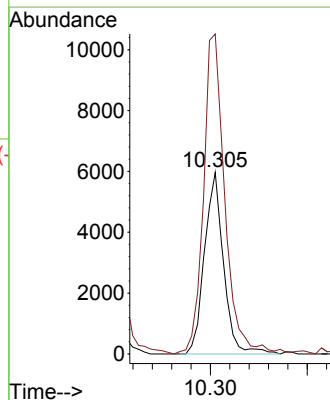
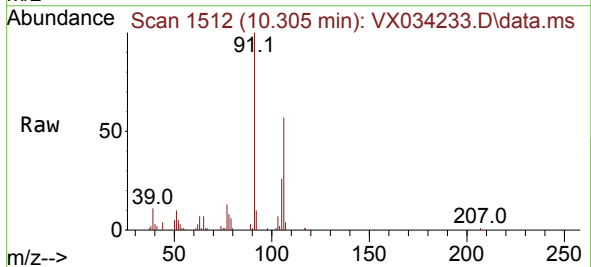
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

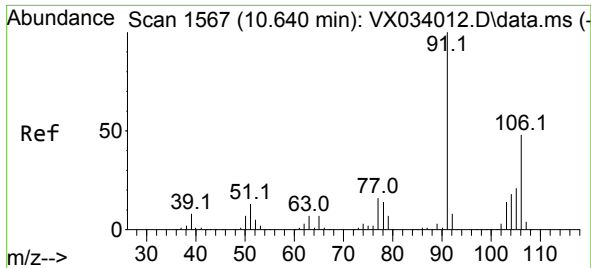
Tgt Ion: 91 Resp: 10808
Ion Ratio Lower Upper
91 100
106 27.7 25.8 38.8



#68
m/p-Xylenes
Concen: 1.284 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 106 Resp: 8203
Ion Ratio Lower Upper
106 100
91 197.1 156.4 234.6

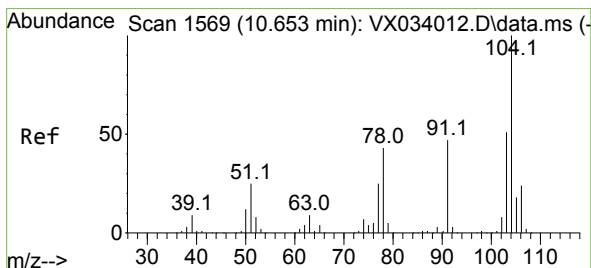
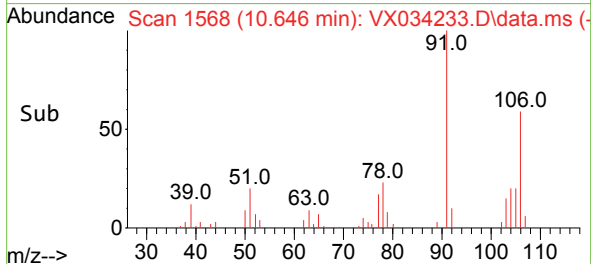
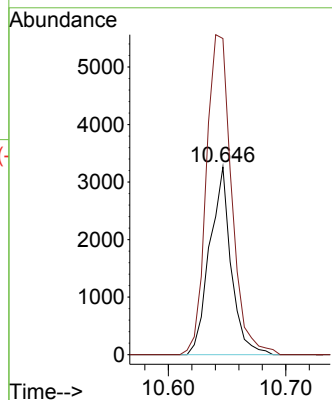
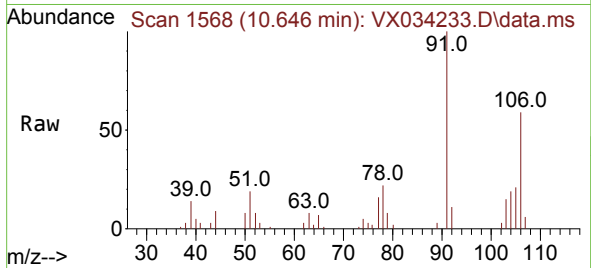




#69
o-Xylene
Concen: 0.651 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

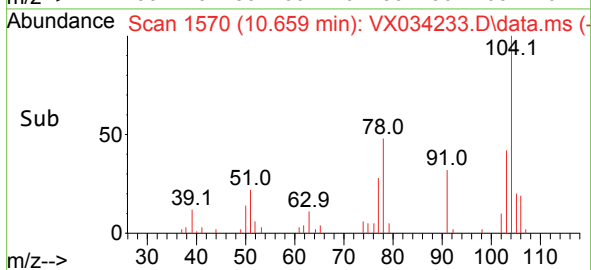
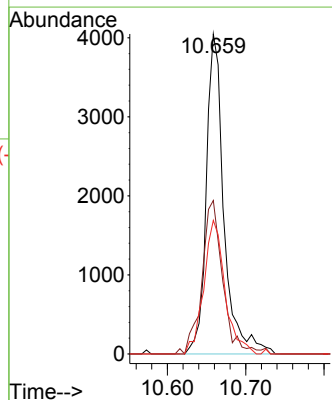
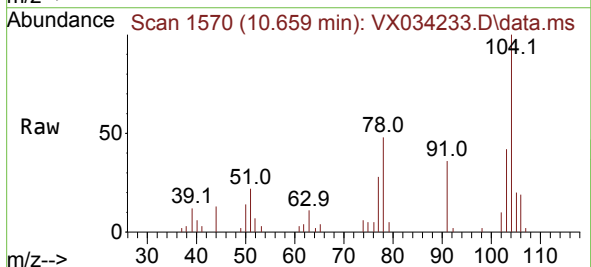
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

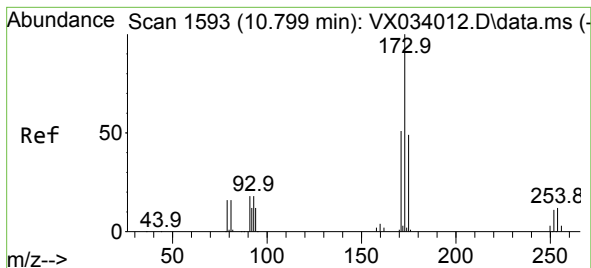
Tgt Ion:106 Resp: 4140
Ion Ratio Lower Upper
106 100
91 200.0 103.1 309.3



#70
Styrene
Concen: 0.611 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion:104 Resp: 6318
Ion Ratio Lower Upper
104 100
78 56.9 37.5 56.3#
103 50.2 43.3 64.9





#71

Bromoform

Concen: 0.526 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

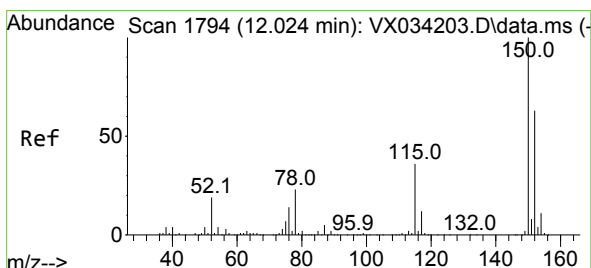
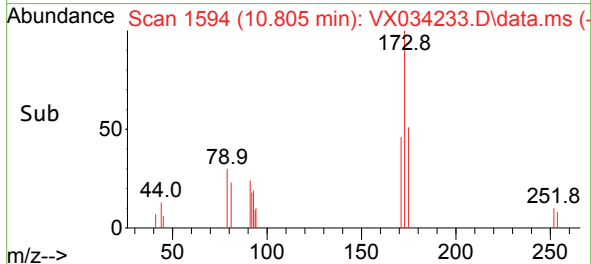
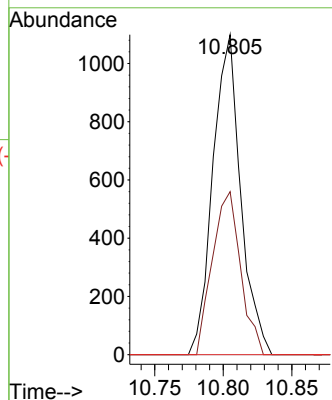
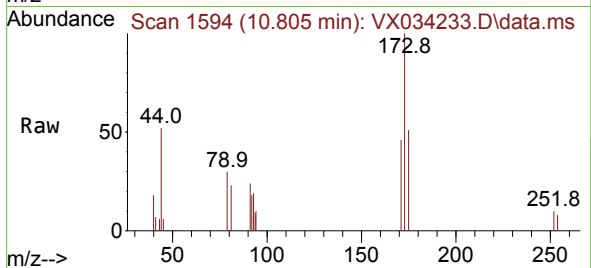
Tgt Ion:173 Resp: 1546

Ion Ratio Lower Upper

173 100

175 51.8 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: VX034233.D

Acq: 22 Feb 2023 16:55

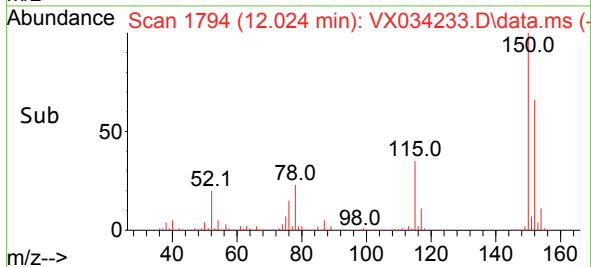
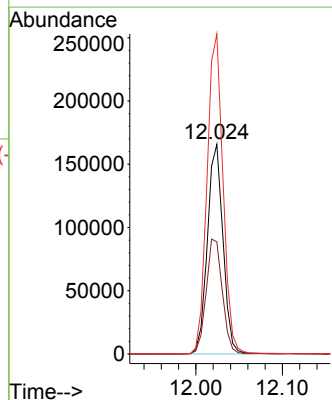
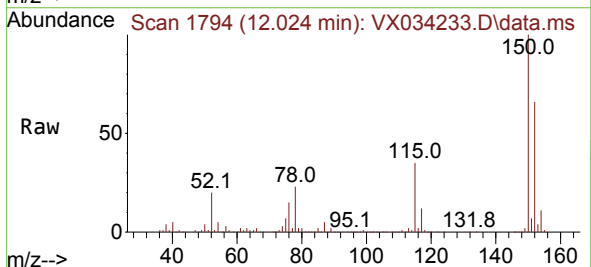
Tgt Ion:152 Resp: 207637

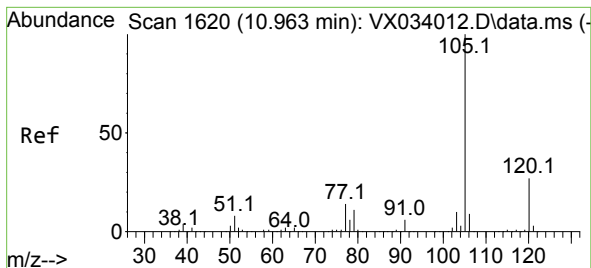
Ion Ratio Lower Upper

152 100

115 56.7 38.7 116.1

150 155.7 0.0 348.2





#73

Isopropylbenzene

Concen: 0.641 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

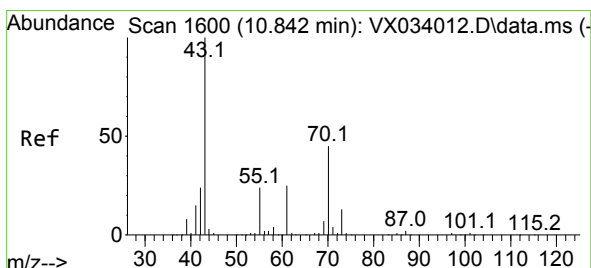
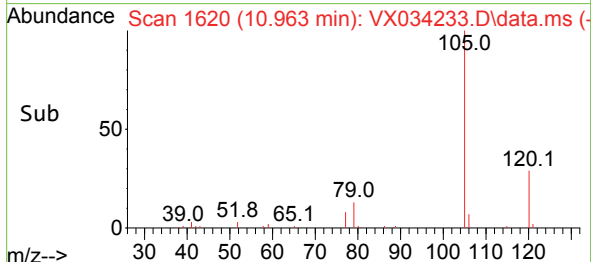
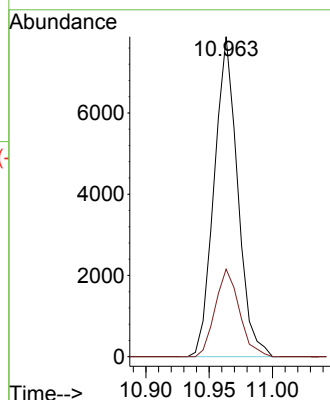
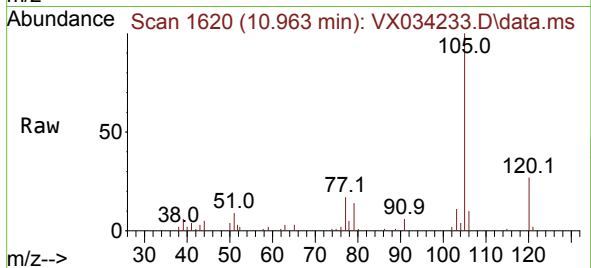
MDL-WATER-03-QT1-2023

Tgt Ion:105 Resp: 10137

Ion Ratio Lower Upper

105 100

120 28.2 13.6 40.8



#74

N-ethyl acetate

Concen: 0.615 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Tgt Ion: 43 Resp: 4892

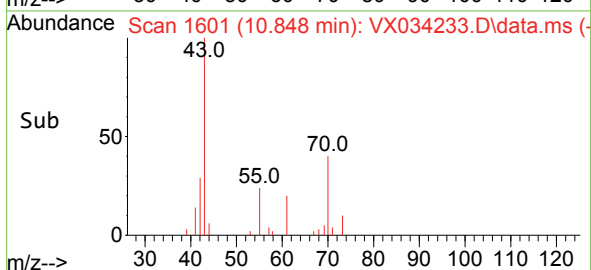
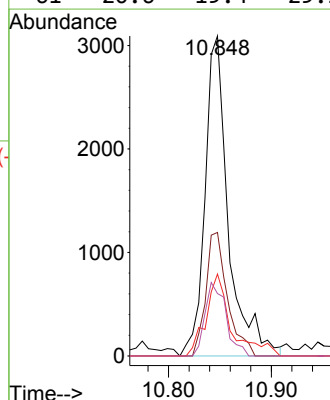
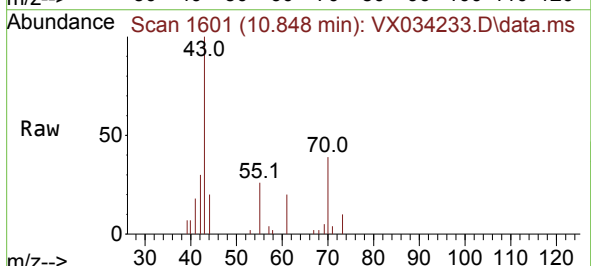
Ion Ratio Lower Upper

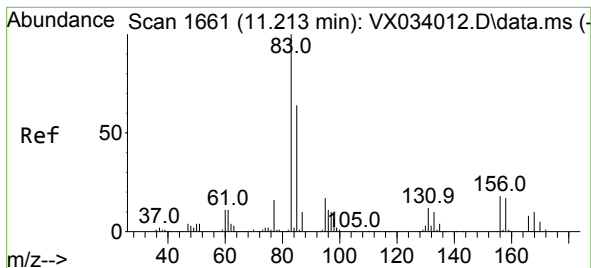
43 100

70 35.7 34.8 52.2

55 27.5 19.4 29.0

61 20.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 0.634 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

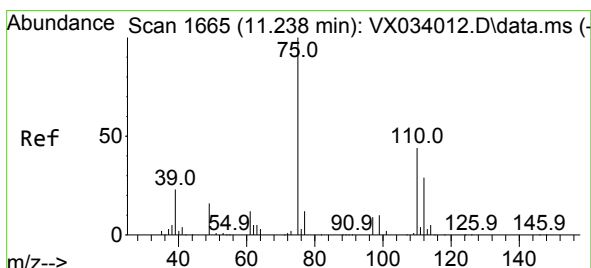
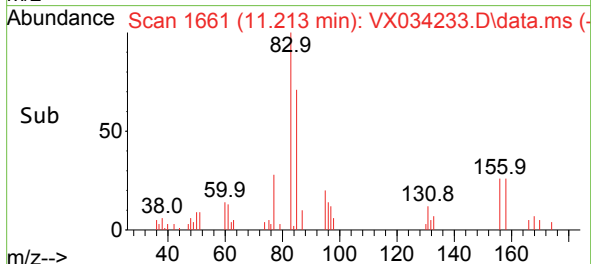
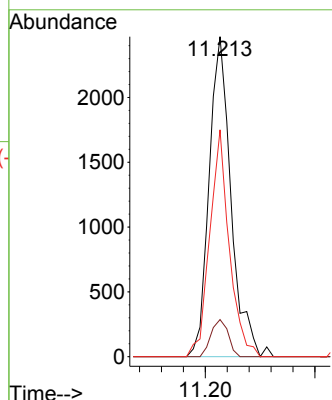
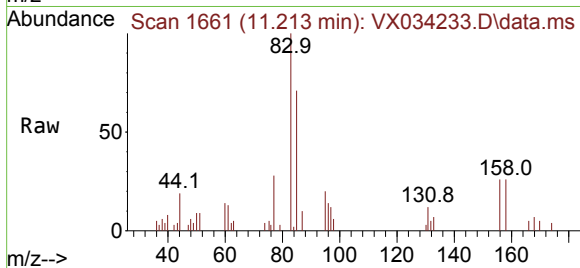
Tgt Ion: 83 Resp: 3431

Ion Ratio Lower Upper

83 100

131 9.1 5.5 16.7

85 63.1 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 0.729 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX034233.D

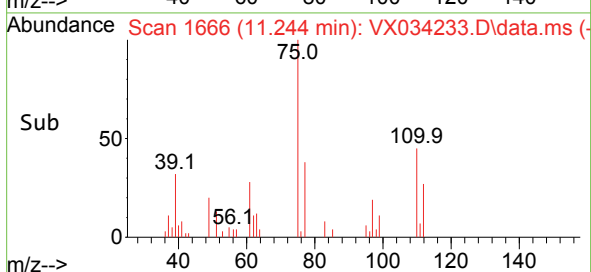
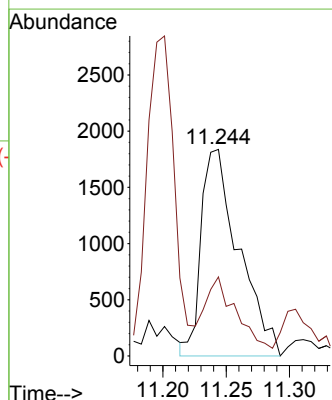
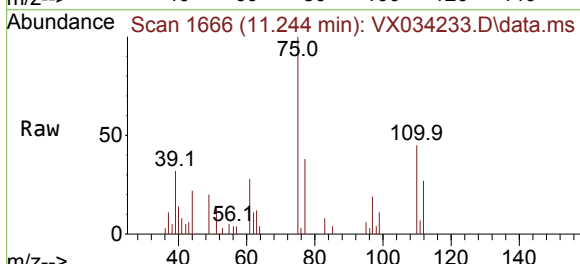
Acq: 22 Feb 2023 16:55

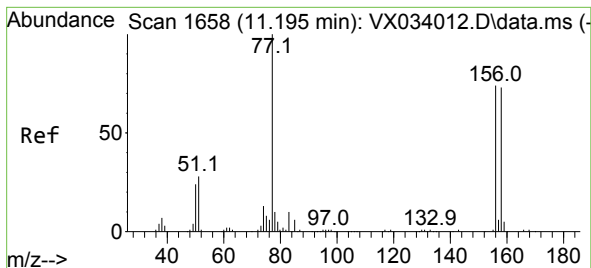
Tgt Ion: 75 Resp: 3811

Ion Ratio Lower Upper

75 100

77 33.5 21.8 65.4





#77

Bromobenzene

Concen: 0.697 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

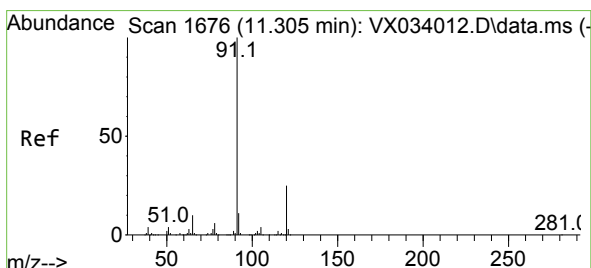
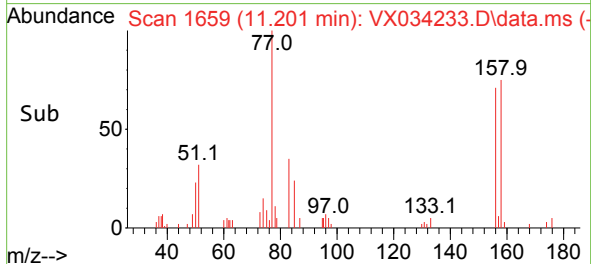
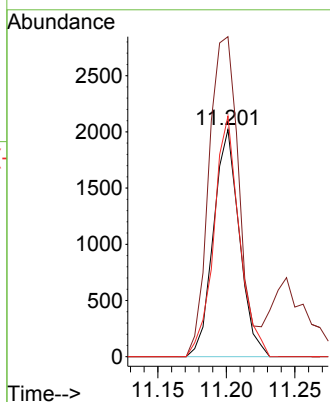
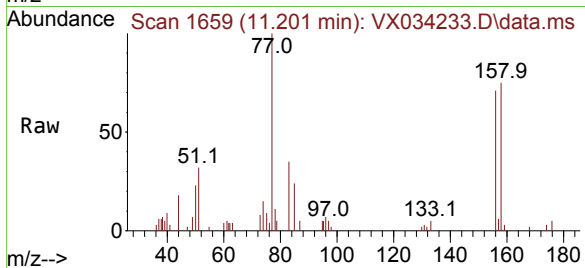
Tgt Ion:156 Resp: 2656

Ion Ratio Lower Upper

156 100

77 163.9 68.1 204.3

158 104.7 48.0 144.2



#78

n-propylbenzene

Concen: 0.594 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034233.D

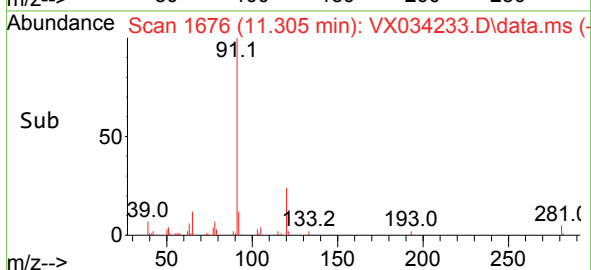
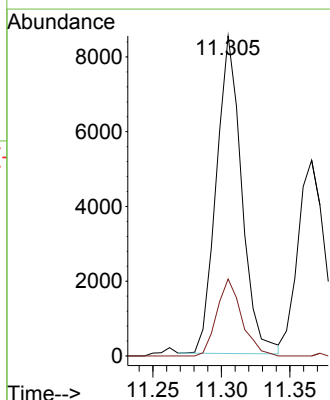
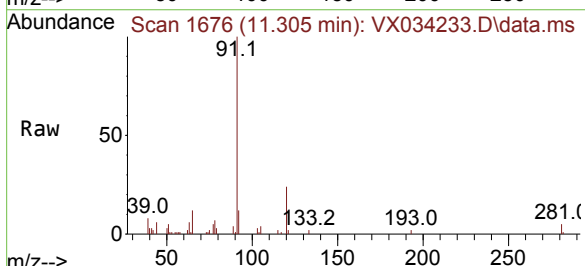
Acq: 22 Feb 2023 16:55

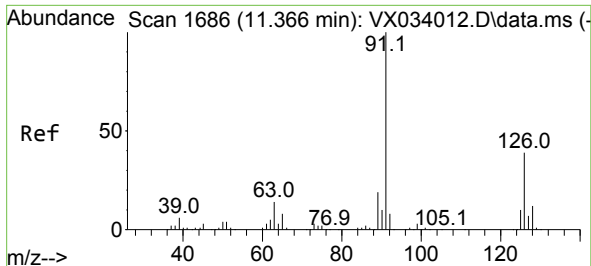
Tgt Ion: 91 Resp: 10929

Ion Ratio Lower Upper

91 100

120 23.8 12.3 36.8

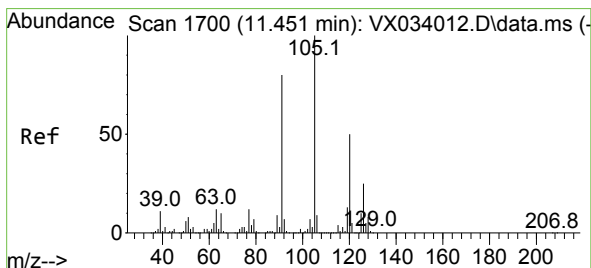
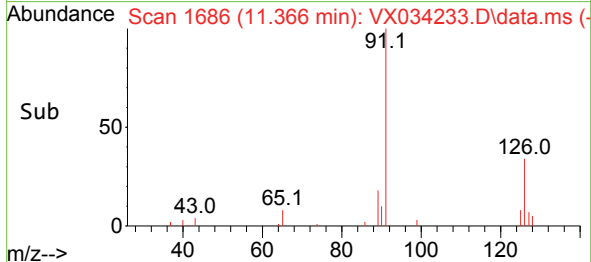
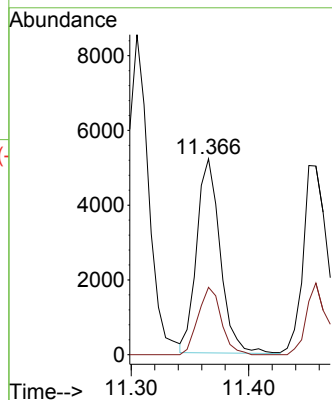
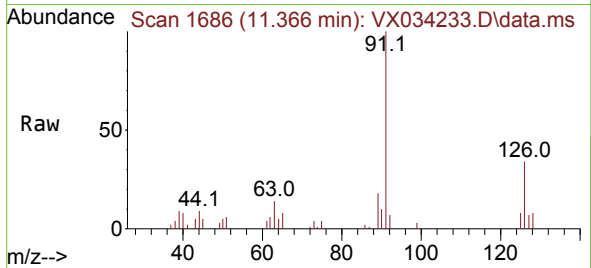




#79
2-Chlorotoluene
Concen: 0.641 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

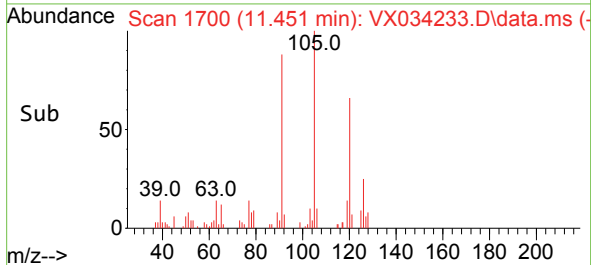
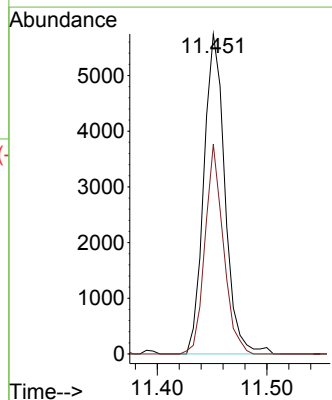
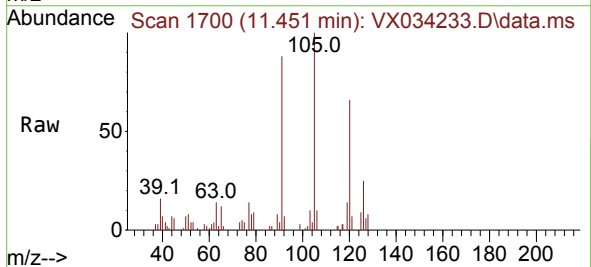
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

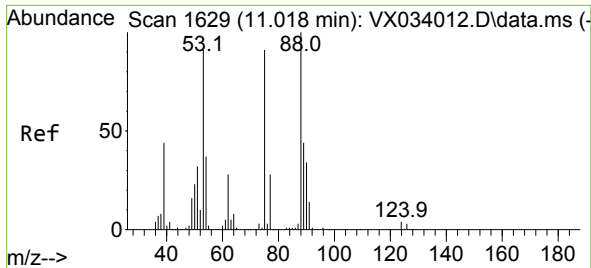
Tgt Ion: 91 Resp: 7232
Ion Ratio Lower Upper
91 100
126 34.1 18.1 54.1



#80
1,3,5-Trimethylbenzene
Concen: 0.575 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 105 Resp: 7655
Ion Ratio Lower Upper
105 100
120 57.2 25.6 76.8

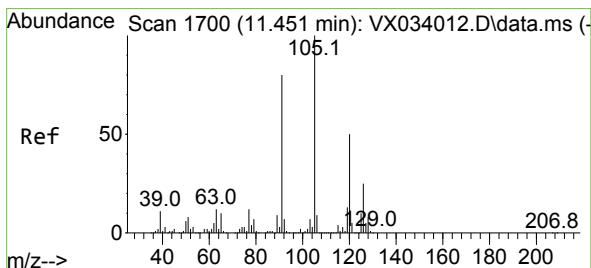
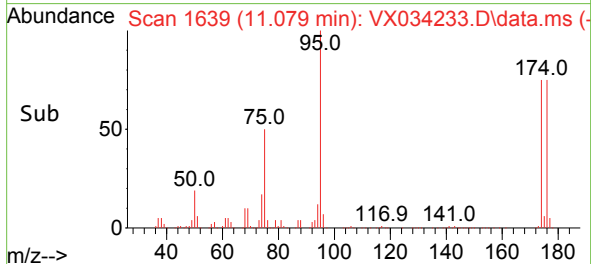
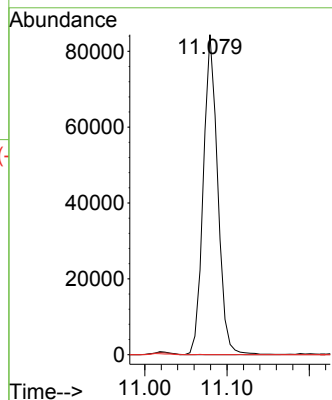
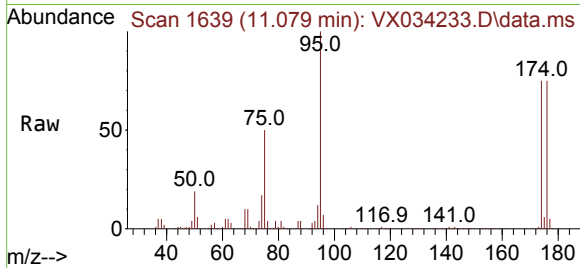




#81
trans-1,4-Dichloro-2-butene
Concen: 50.436 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

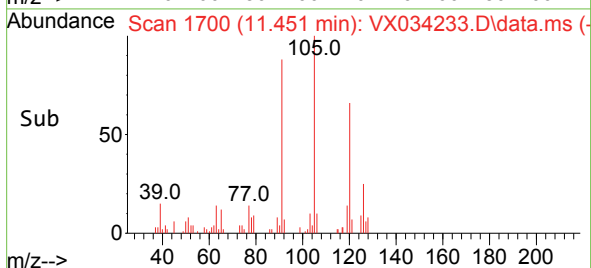
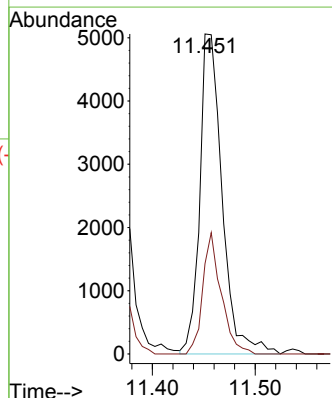
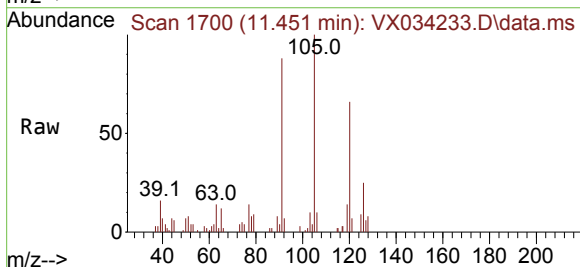
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

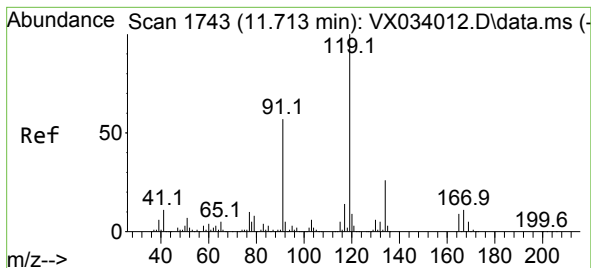
Tgt Ion: 75 Resp: 102578
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: 0.597 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 91 Resp: 7676
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 0.658 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

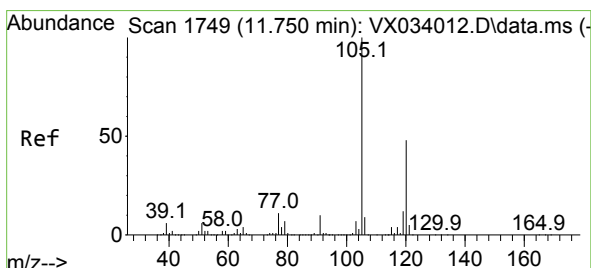
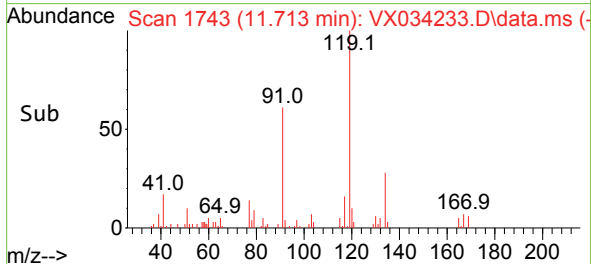
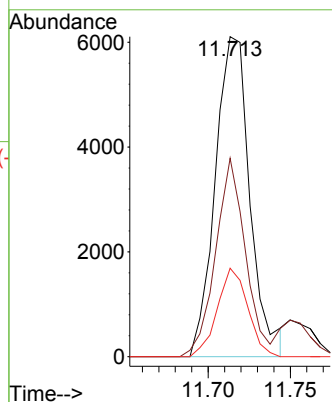
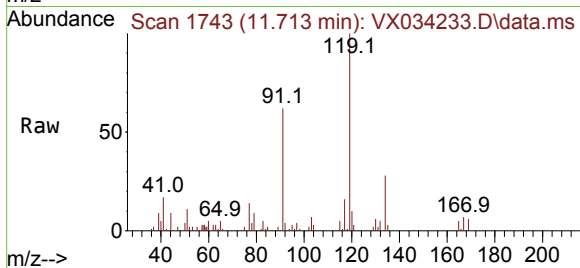
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:119	Resp:	8961
Ion	Ratio	Lower Upper
119	100	
91	53.2	26.9 80.7
134	24.3	12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 0.571 ug/l

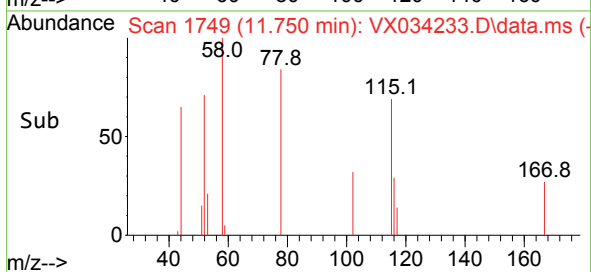
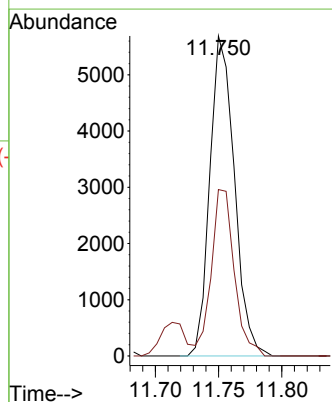
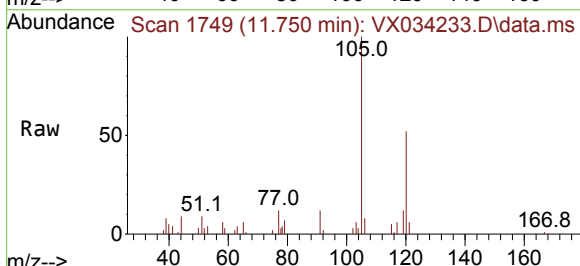
RT: 11.750 min Scan# 1749

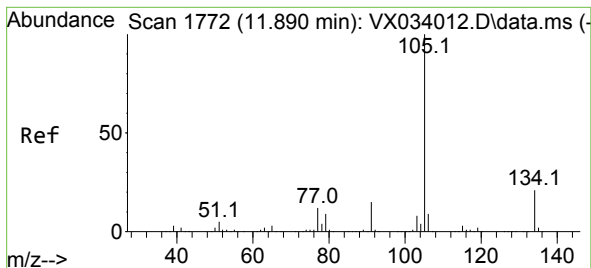
Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Tgt Ion:105	Resp:	7676
Ion	Ratio	Lower Upper
105	100	
120	48.4	23.4 70.2





#85

sec-Butylbenzene

Concen: 0.611 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

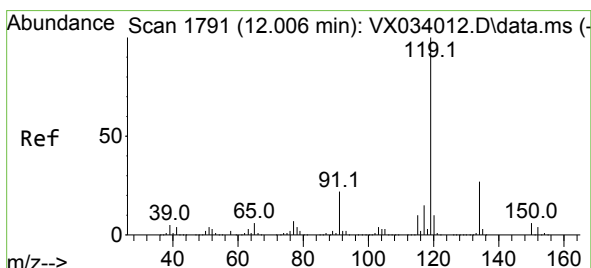
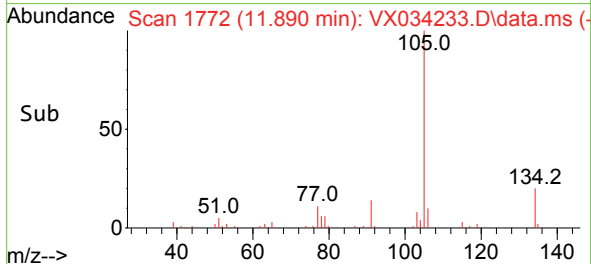
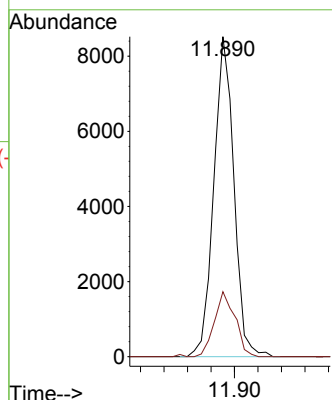
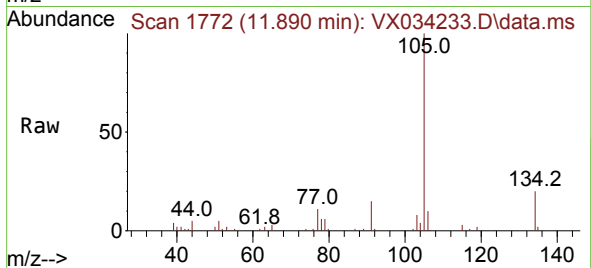
MDL-WATER-03-QT1-2023

Tgt Ion:105 Resp: 10113

Ion Ratio Lower Upper

105 100

134 21.0 10.8 32.3



#86

p-Isopropyltoluene

Concen: 0.568 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

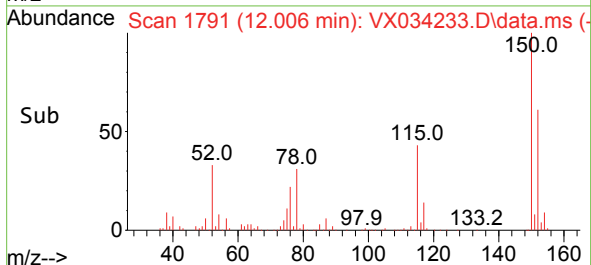
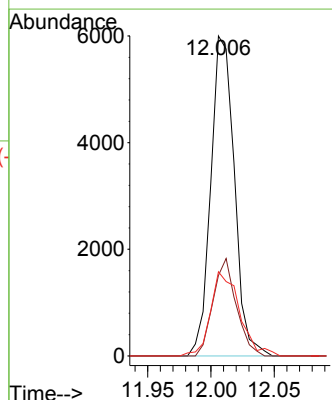
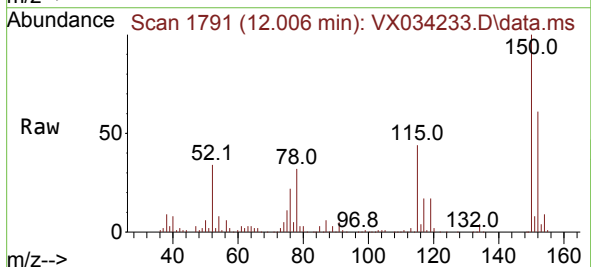
Tgt Ion:119 Resp: 7777

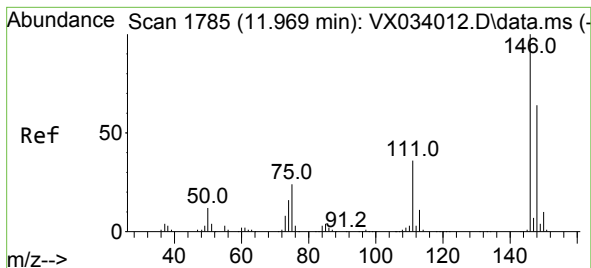
Ion Ratio Lower Upper

119 100

134 30.0 13.6 40.8

91 32.3 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 0.687 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

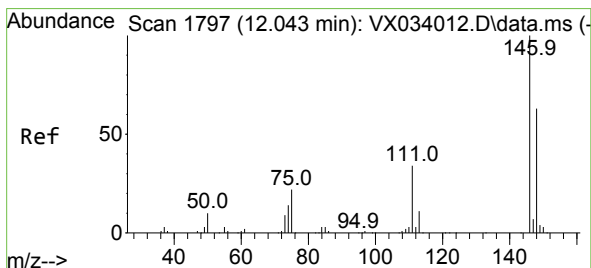
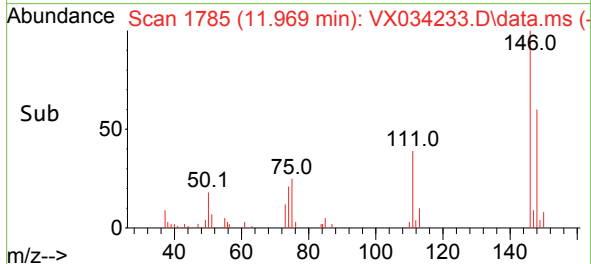
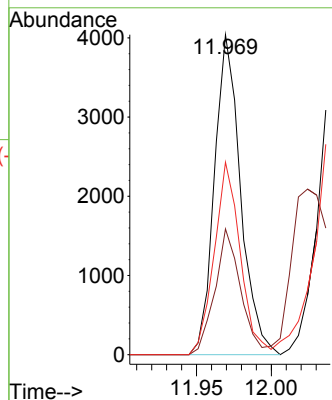
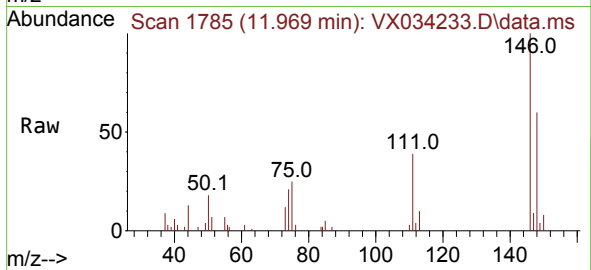
Tgt Ion:146 Resp: 4909

Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.6

148 60.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.681 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

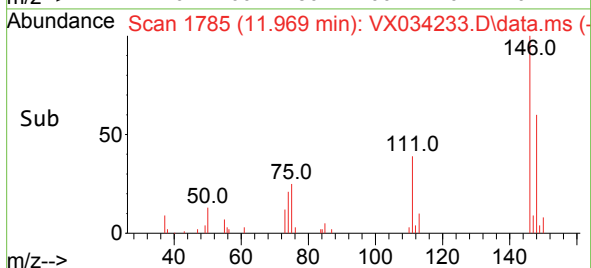
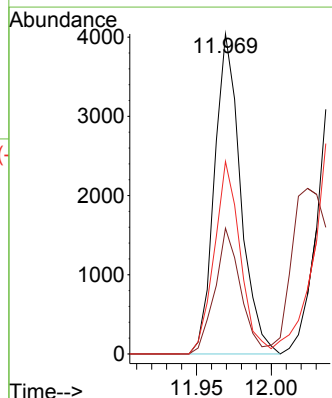
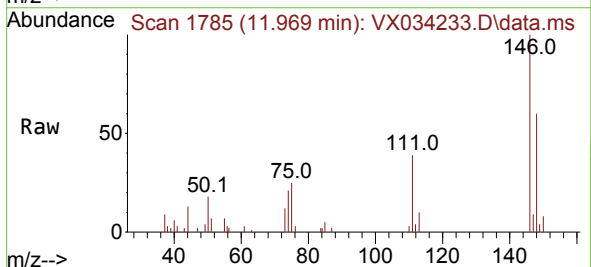
Tgt Ion:146 Resp: 4909

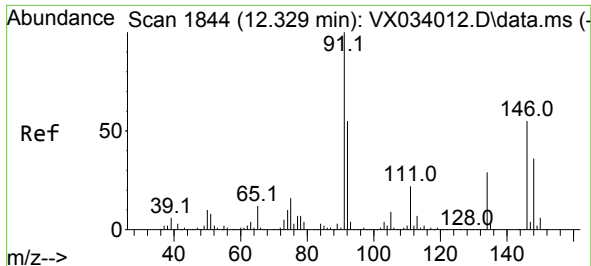
Ion Ratio Lower Upper

146 100

111 38.5 17.8 53.4

148 60.0 32.1 96.3





#89

n-Butylbenzene

Concen: 0.531 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

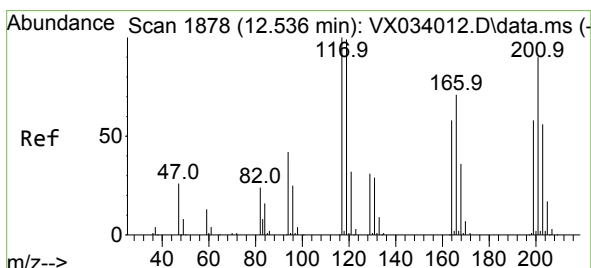
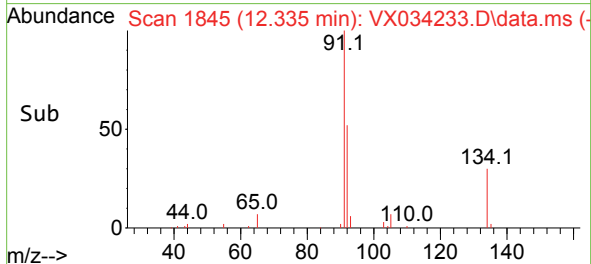
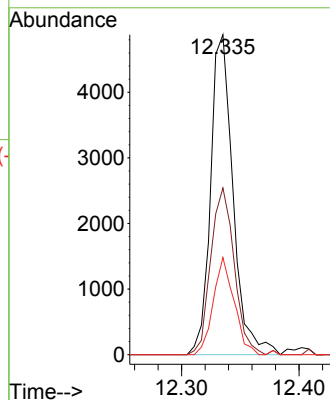
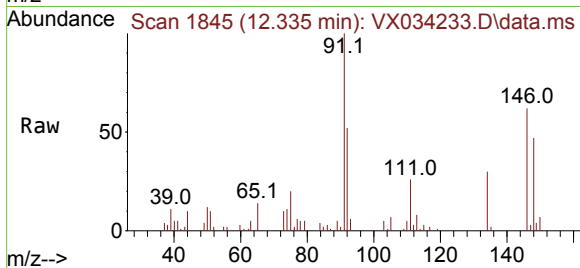
Tgt Ion: 91 Resp: 6481

Ion Ratio Lower Upper

91 100

92 54.9 27.5 82.5

134 28.2 14.3 42.9



#90

Hexachloroethane

Concen: 0.522 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034233.D

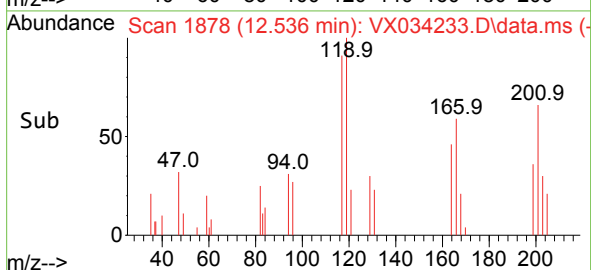
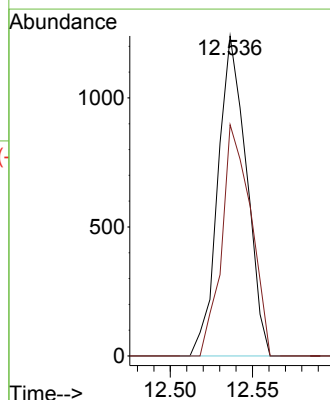
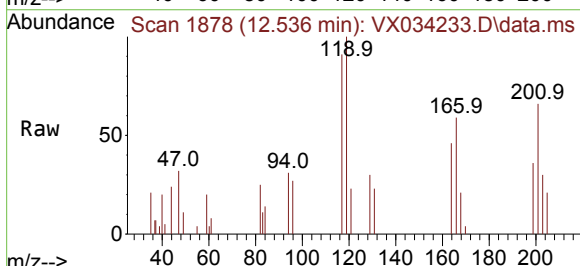
Acq: 22 Feb 2023 16:55

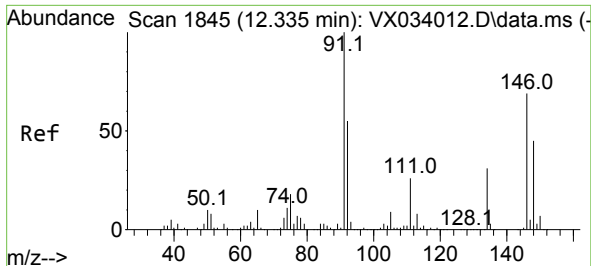
Tgt Ion: 117 Resp: 1495

Ion Ratio Lower Upper

117 100

201 73.8 45.1 135.3

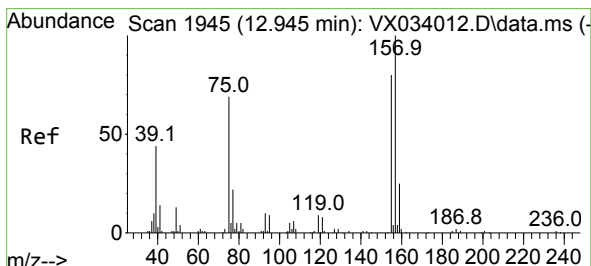
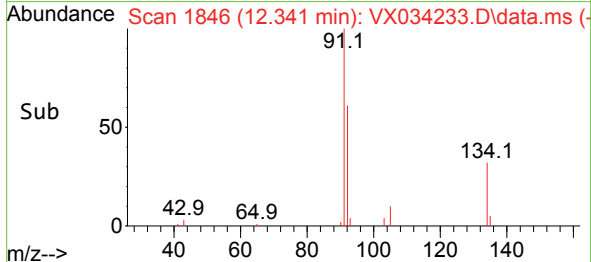
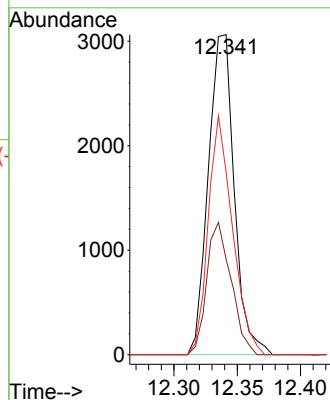
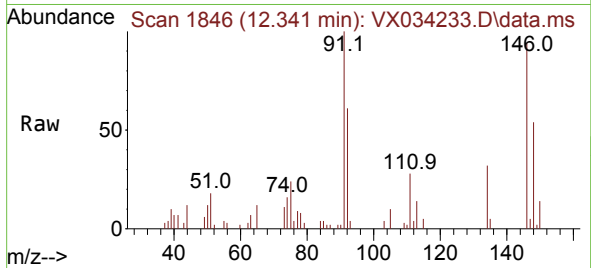




#91
1,2-Dichlorobenzene
Concen: 0.626 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

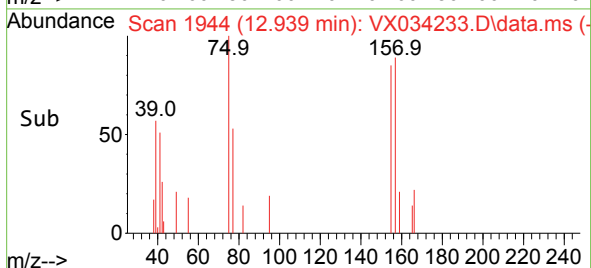
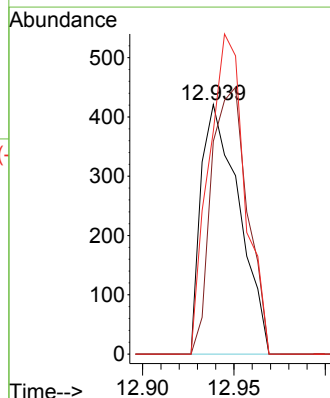
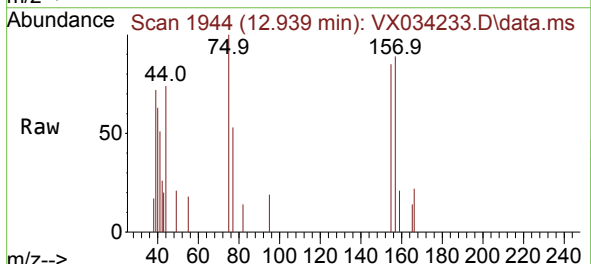
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

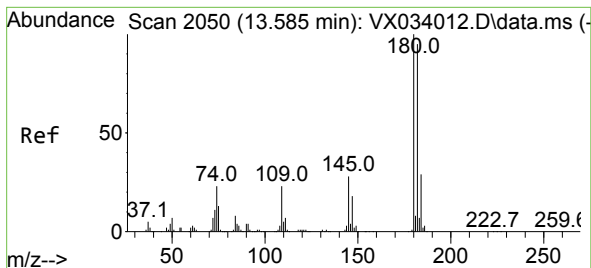
Tgt Ion:146 Resp: 4372
Ion Ratio Lower Upper
146 100
111 38.9 19.3 57.8
148 69.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.470 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034233.D
Acq: 22 Feb 2023 16:55

Tgt Ion: 75 Resp: 606
Ion Ratio Lower Upper
75 100
155 102.3 51.7 155.1
157 122.6 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 0.607 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

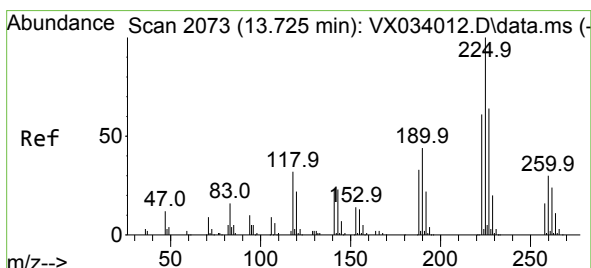
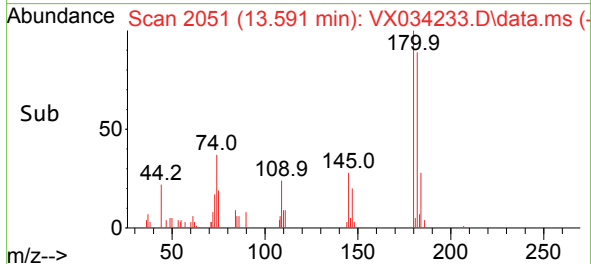
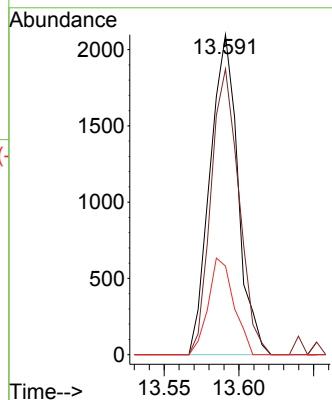
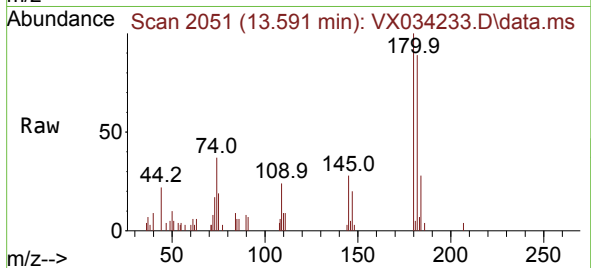
Tgt Ion:180 Resp: 2724

Ion Ratio Lower Upper

180 100

182 89.4 47.9 143.6

145 27.7 14.1 42.2



#94

Hexachlorobutadiene

Concen: 0.651 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

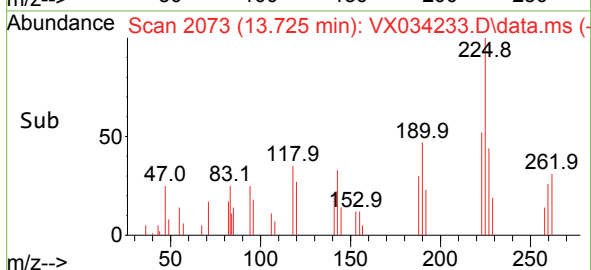
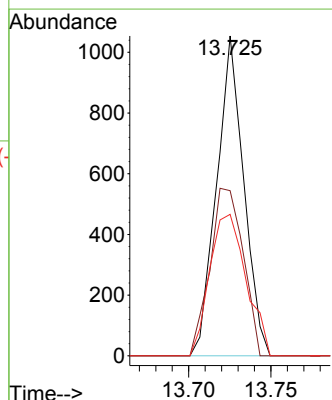
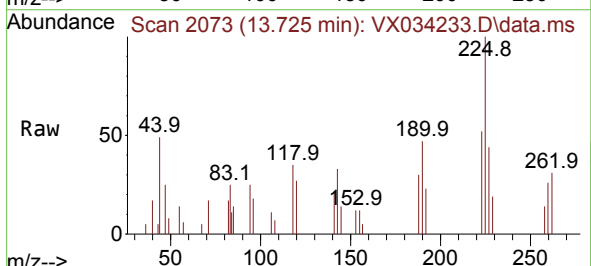
Tgt Ion:225 Resp: 1210

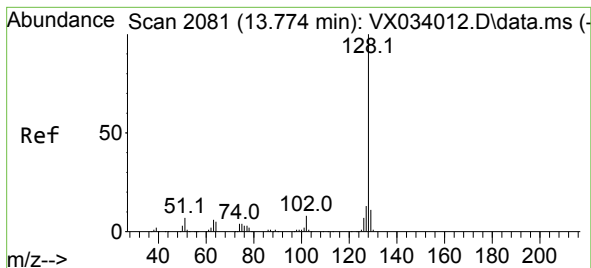
Ion Ratio Lower Upper

225 100

223 64.0 31.3 93.9

227 59.5 32.3 96.9





#95

Naphthalene

Concen: 0.631 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

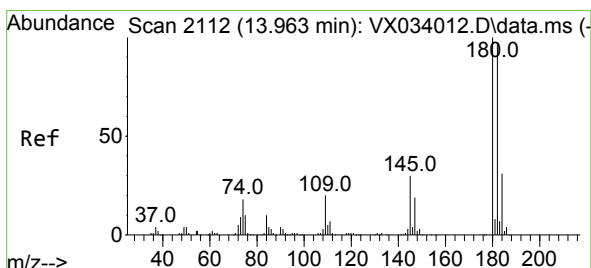
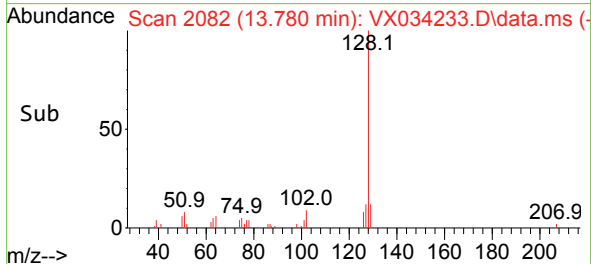
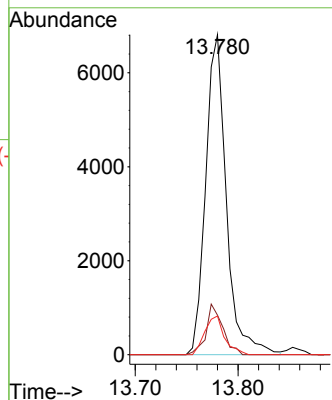
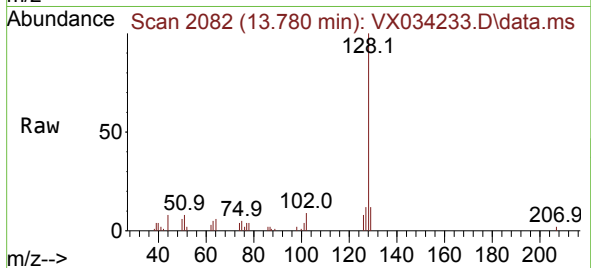
Tgt Ion:128 Resp: 9531

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.572 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034233.D

Acq: 22 Feb 2023 16:55

Tgt Ion:180 Resp: 2546

Ion Ratio Lower Upper

180 100

182 100.5 47.6 142.9

145 36.5 15.1 45.3

