

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034234.D
 Acq On : 22 Feb 2023 17:18
 Operator : JC/MD
 Sample : 01627-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 23 03:23:39 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	300825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	493130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	435108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179236	44.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.480%
35) Dibromofluoromethane	5.385	113	155877	48.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.100%
50) Toluene-d8	8.647	98	570142	49.458	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	204465	46.370	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	6447	2.480	ug/l	96
3) Chloromethane	1.294	50	9766	2.611	ug/l	92
4) Vinyl Chloride	1.374	62	10086	2.961	ug/l	96
5) Bromomethane	1.611	94	5687	4.207	ug/l	89
6) Chloroethane	1.685	64	5823	3.400	ug/l	100
7) Trichlorofluoromethane	1.892	101	14860	3.224	ug/l	96
8) Diethyl Ether	2.130	74	5698	3.069	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	7837	2.414	ug/l	99
10) Methyl Iodide	2.453	142	8490	2.148	ug/l	92
11) Tert butyl alcohol	2.965	59	13518	14.918	ug/l #	84
12) 1,1-Dichloroethene	2.325	96	8034	2.469	ug/l	93
13) Acrolein	2.233	56	5165	12.487	ug/l	93
14) Allyl chloride	2.666	41	15913	2.306	ug/l	90
15) Acrylonitrile	3.068	53	23593	11.935	ug/l	99
16) Acetone	2.380	43	21226	10.156	ug/l	95
17) Carbon Disulfide	2.514	76	20804	2.224	ug/l	100
18) Methyl Acetate	2.709	43	14525	2.246	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	29154	2.539	ug/l	98
20) Methylene Chloride	2.794	84	11665	3.098	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	8725	2.559	ug/l #	81
22) Diisopropyl ether	3.763	45	31089	2.569	ug/l	95
23) Vinyl Acetate	3.721	43	118062	12.178	ug/l	100
24) 1,1-Dichloroethane	3.611	63	16544	2.491	ug/l	99
25) 2-Butanone	4.562	43	32623	10.788	ug/l	98
26) 2,2-Dichloropropane	4.483	77	13463	2.237	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	10251	2.539	ug/l	99
28) Bromochloromethane	4.897	49	6962	2.349	ug/l	93
29) Tetrahydrofuran	5.013	42	21614	11.717	ug/l	99
30) Chloroform	5.093	83	15713	2.463	ug/l	93
31) Cyclohexane	5.471	56	15147	2.504	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	14157	2.476	ug/l	98
36) 1,1-Dichloropropene	5.696	75	12022	2.532	ug/l	98
37) Ethyl Acetate	4.721	43	13141	2.476	ug/l #	93
38) Carbon Tetrachloride	5.684	117	12119	2.480	ug/l	98
39) Methylcyclohexane	7.385	83	14638	2.395	ug/l	96
40) Benzene	6.044	78	36192	2.572	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	6829	2.310	ug/l	93
42) 1,2-Dichloroethane	6.086	62	12404	2.506	ug/l	98
43) Isopropyl Acetate	6.342	43	21984	2.348	ug/l	97
44) Trichloroethene	7.129	130	9558	2.647	ug/l	89
45) 1,2-Dichloropropane	7.434	63	9569	2.554	ug/l	99
46) Dibromomethane	7.586	93	6261	2.540	ug/l	87
47) Bromodichloromethane	7.824	83	11943	2.361	ug/l #	98
48) Methyl methacrylate	7.696	41	10215	2.298	ug/l	98
49) 1,4-Dioxane	7.696	88	4607	51.965	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	65773	12.766	ug/l	98
52) Toluene	8.720	92	22513	2.640	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	12941	2.222	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	14629	2.346	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	8902	2.587	ug/l	99
56) Ethyl methacrylate	9.116	69	13589	2.334	ug/l	91
57) 1,3-Dichloropropane	9.311	76	15771	2.634	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	31515	12.496	ug/l	95
59) 2-Hexanone	9.433	43	47449	12.084	ug/l	97
60) Dibromochloromethane	9.519	129	8637	2.271	ug/l	96
61) 1,2-Dibromoethane	9.610	107	9272	2.547	ug/l	96
64) Tetrachloroethene	9.275	164	8514	2.772	ug/l	89
65) Chlorobenzene	10.079	112	24096	2.657	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	8093	2.305	ug/l	90
67) Ethyl Benzene	10.195	91	40759	2.501	ug/l	96
68) m/p-Xylenes	10.299	106	31971	5.127	ug/l	100
69) o-Xylene	10.640	106	15734	2.535	ug/l	94
70) Styrene	10.659	104	25085	2.485	ug/l	98
71) Bromoform	10.799	173	6288	2.194	ug/l #	100
73) Isopropylbenzene	10.963	105	39310	2.529	ug/l	98
74) N-amyl acetate	10.841	43	17225	2.206	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	13446	2.530	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	13410	2.613	ug/l	84
77) Bromobenzene	11.195	156	9928	2.655	ug/l	84
78) n-propylbenzene	11.305	91	44273	2.449	ug/l	98
79) 2-Chlorotoluene	11.366	91	27723	2.501	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	33074	2.531	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	3754	1.879	ug/l	95
82) 4-Chlorotoluene	11.457	91	30432	2.411	ug/l	99
83) tert-Butylbenzene	11.713	119	33835	2.528	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	32169	2.435	ug/l	97
85) sec-Butylbenzene	11.890	105	40476	2.491	ug/l	98
86) p-Isopropyltoluene	12.006	119	32691	2.431	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	19052	2.716	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	18811	2.659	ug/l	90
89) n-Butylbenzene	12.335	91	26519	2.214	ug/l	97
90) Hexachloroethane	12.536	117	5911	2.102	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	18032	2.628	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2470	1.949	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	9985	2.266	ug/l	93
94) Hexachlorobutadiene	13.725	225	4401	2.410	ug/l	99
95) Naphthalene	13.774	128	35244	2.375	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10716	2.450	ug/l	98

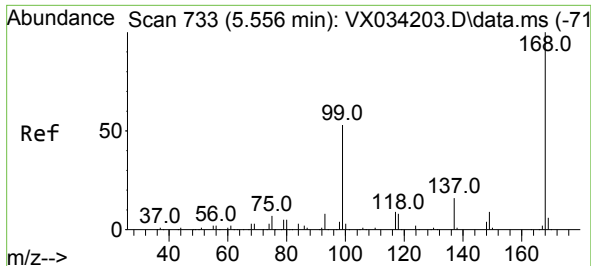
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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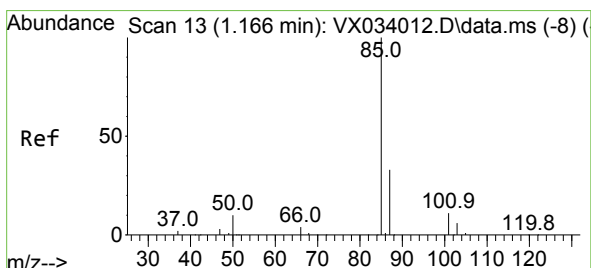
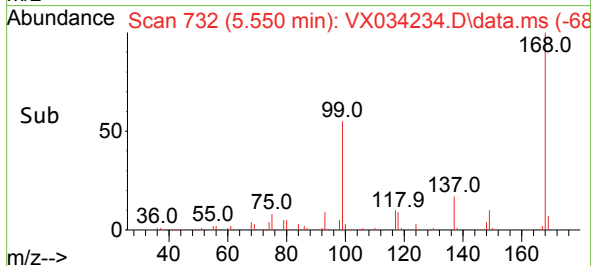
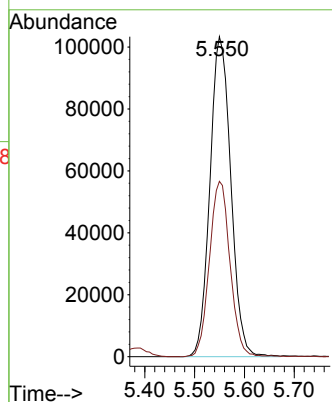
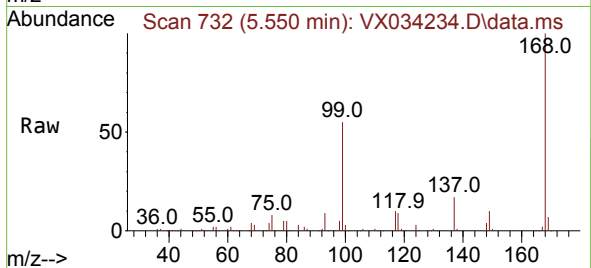
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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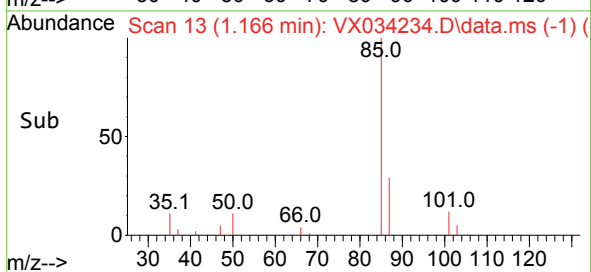
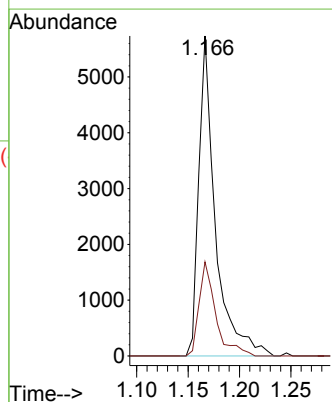
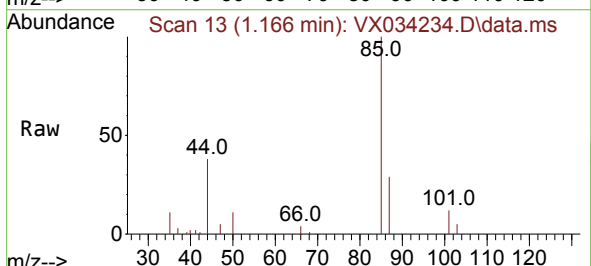
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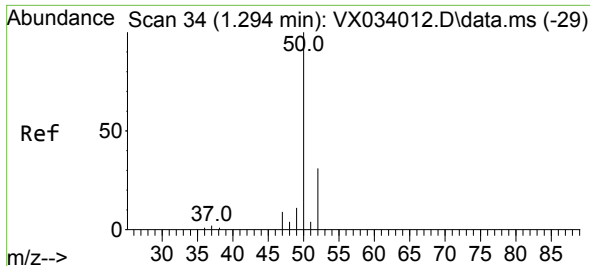
Tgt Ion:168 Resp: 300825
Ion Ratio Lower Upper
168 100
99 54.8 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 2.480 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 85 Resp: 6447
Ion Ratio Lower Upper
85 100
87 29.4 15.8 47.4

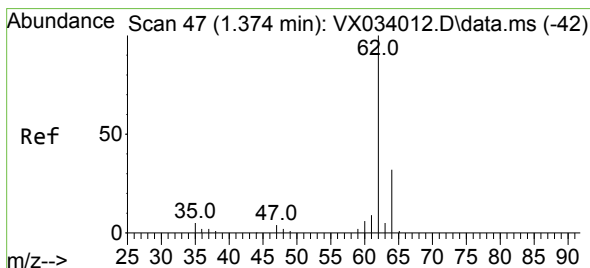
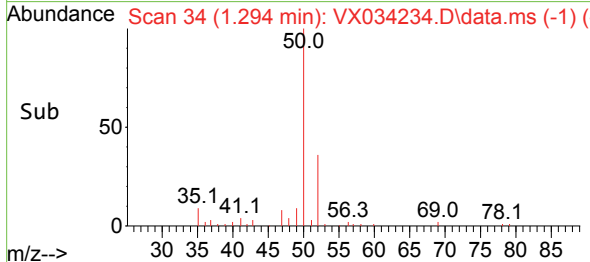
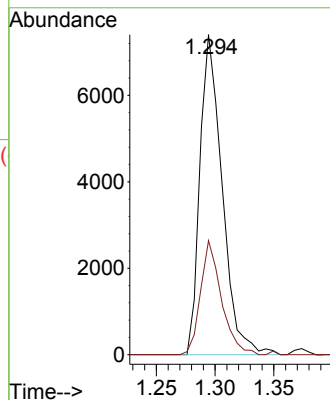
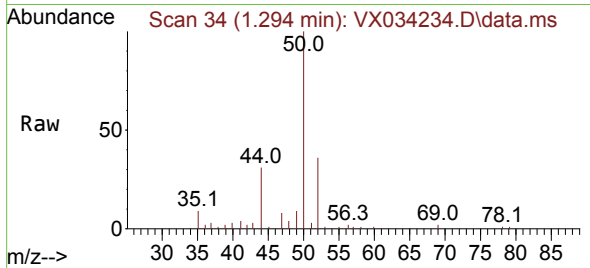




#3
Chloromethane
Concen: 2.611 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

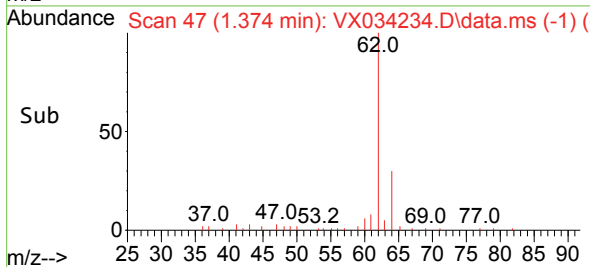
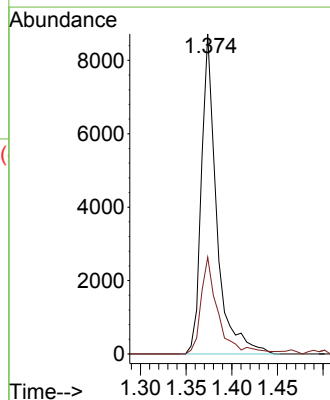
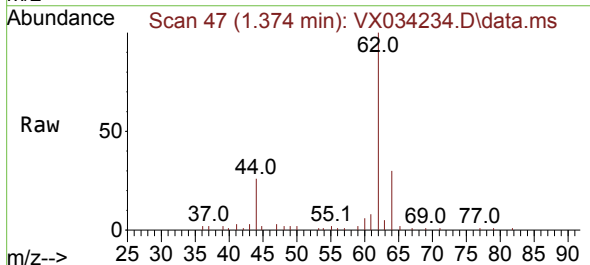
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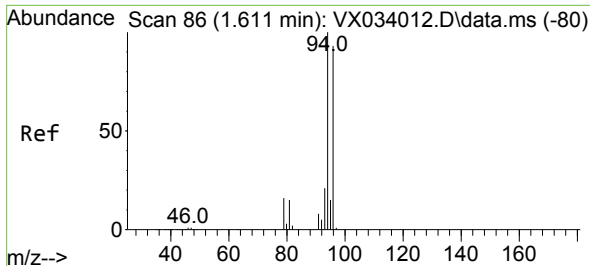
Tgt Ion: 50 Resp: 9766
Ion Ratio Lower Upper
50 100
52 35.7 25.2 37.8



#4
Vinyl Chloride
Concen: 2.961 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 62 Resp: 10086
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.4

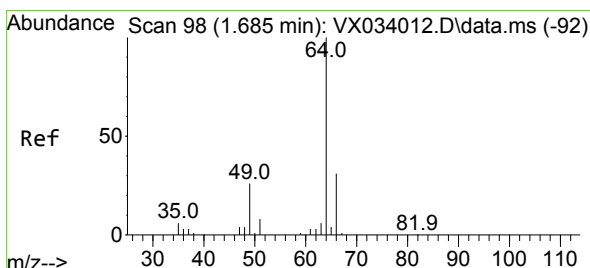
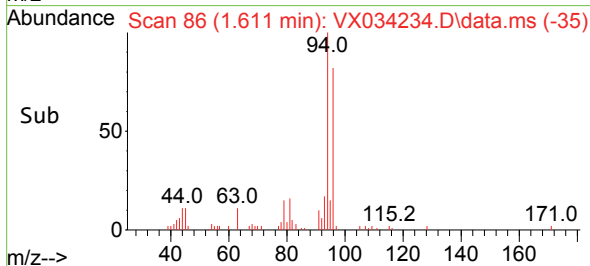
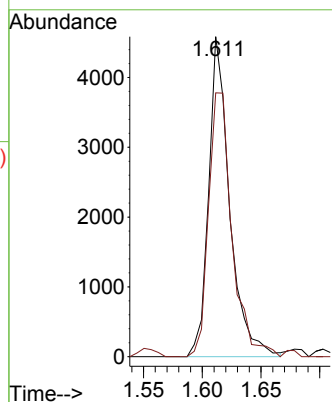
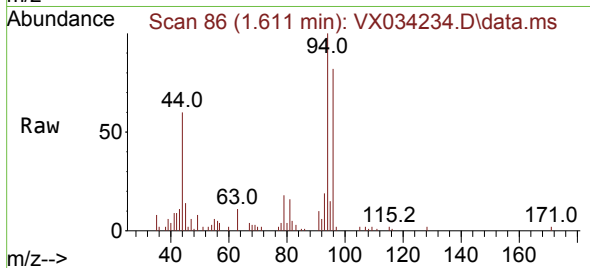




#5
Bromomethane
Concen: 4.207 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

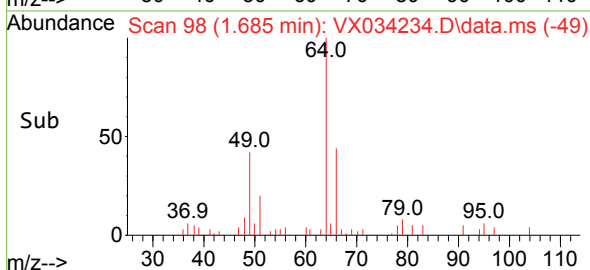
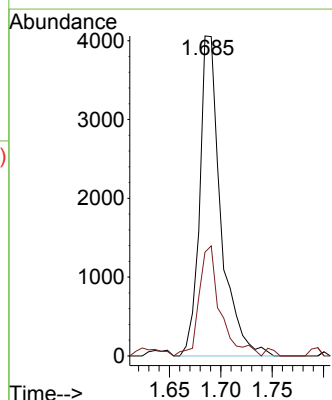
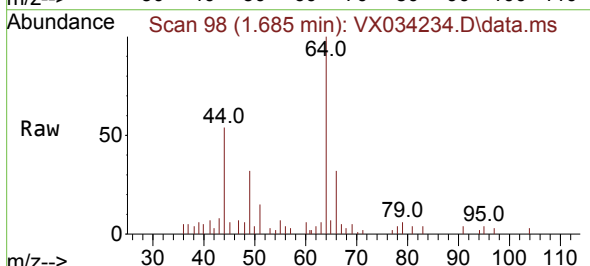
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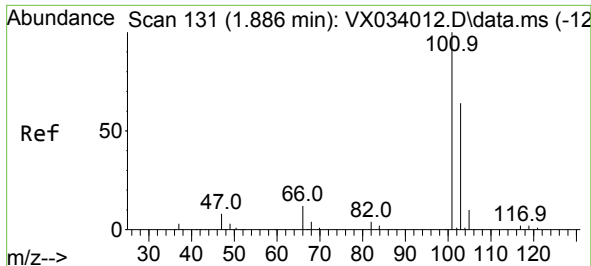
Tgt Ion: 94 Resp: 5687
Ion Ratio Lower Upper
94 100
96 82.4 74.3 111.5



#6
Chloroethane
Concen: 3.400 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 64 Resp: 5823
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1

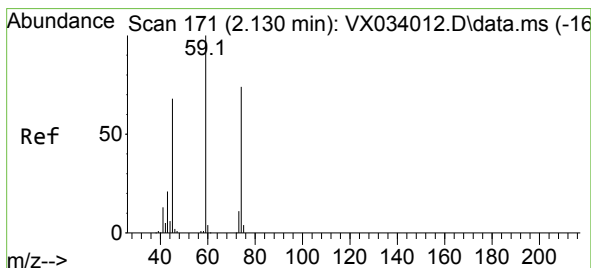
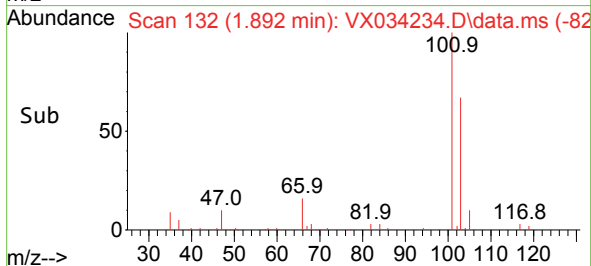
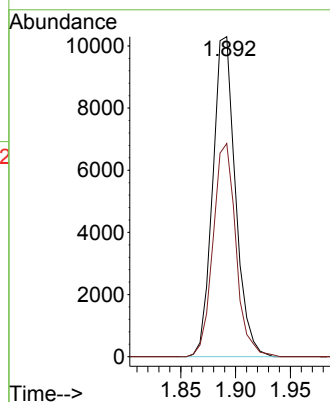
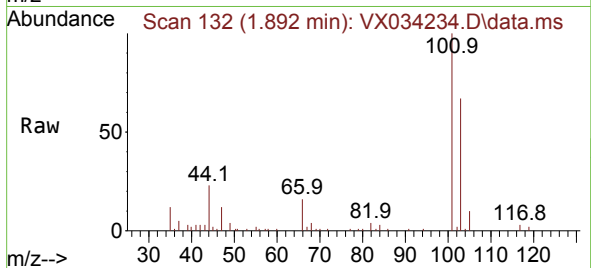




#7
Trichlorofluoromethane
Concen: 3.224 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

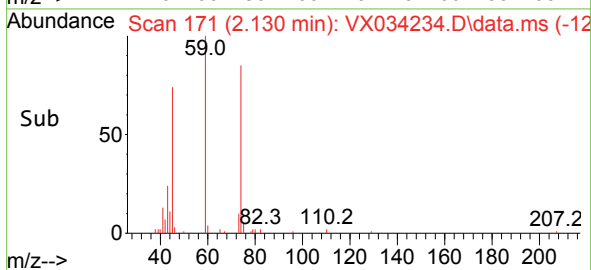
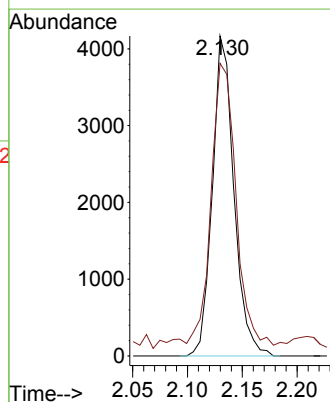
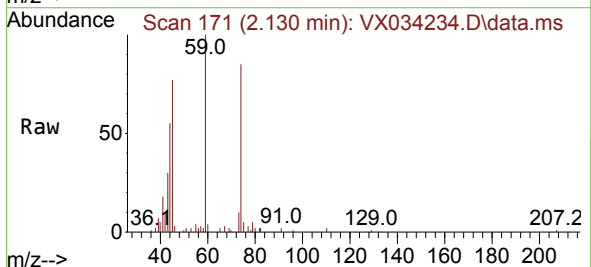
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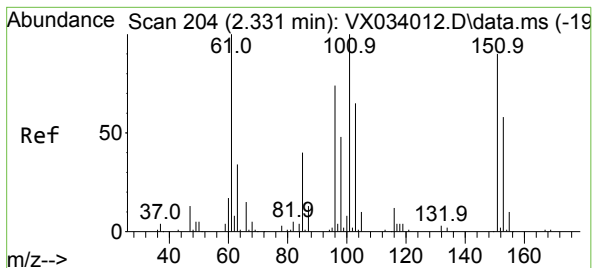
Tgt Ion:101 Resp: 14860
Ion Ratio Lower Upper
101 100
103 66.6 50.6 75.8



#8
Diethyl Ether
Concen: 3.069 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 74 Resp: 5698
Ion Ratio Lower Upper
74 100
45 109.1 51.5 154.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.414 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX034234.D

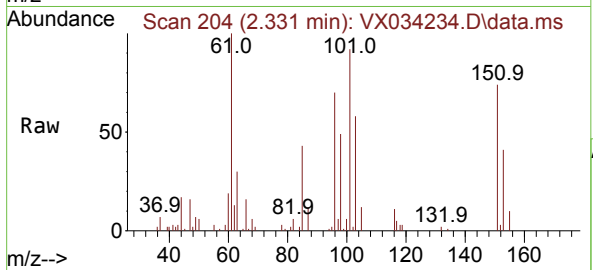
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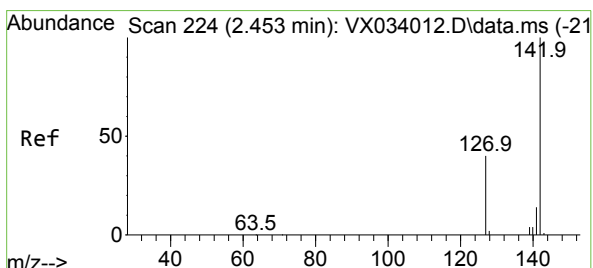
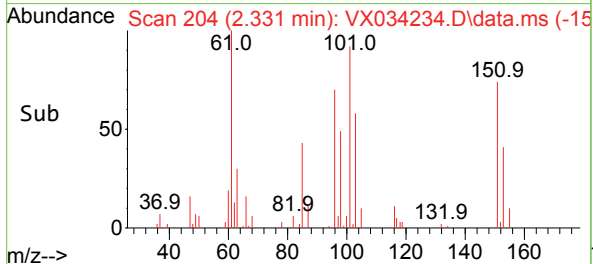
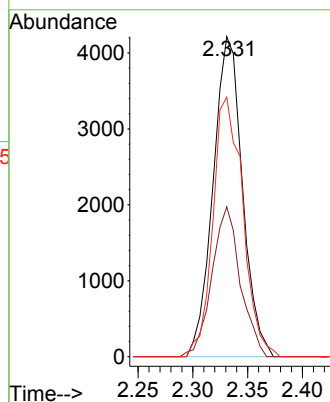
Tgt Ion:101 Resp: 7837

Ion Ratio Lower Upper

101 100

85 45.4 36.7 55.1

151 82.5 66.5 99.7



#10

Methyl Iodide

Concen: 2.148 ug/l

RT: 2.453 min Scan# 224

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

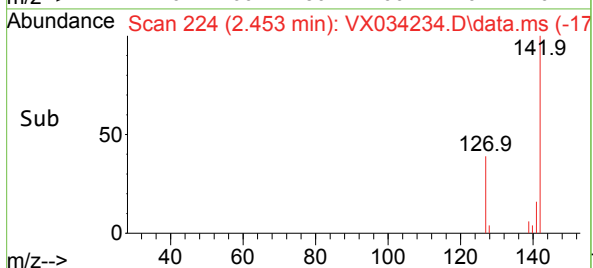
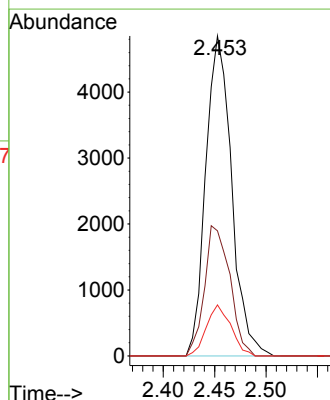
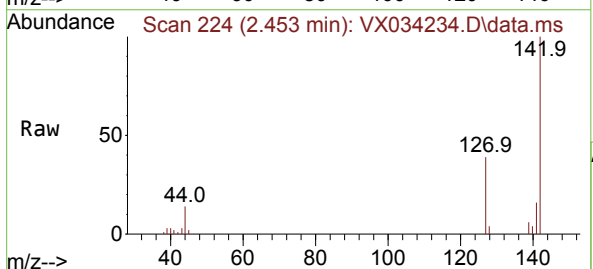
Tgt Ion:142 Resp: 8490

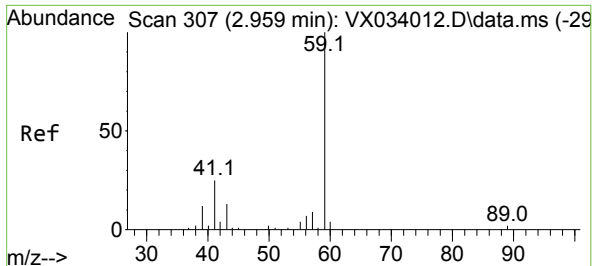
Ion Ratio Lower Upper

142 100

127 39.9 37.3 55.9

141 15.1 11.5 17.3

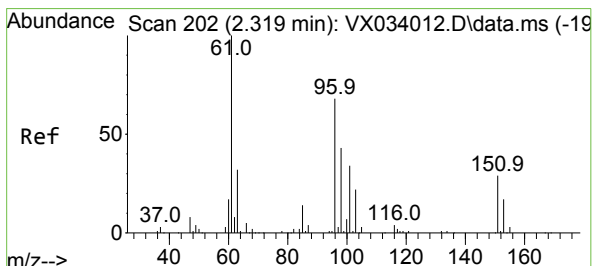
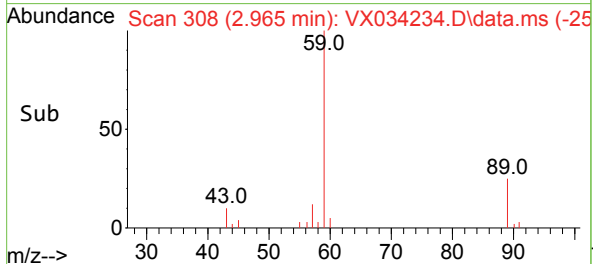
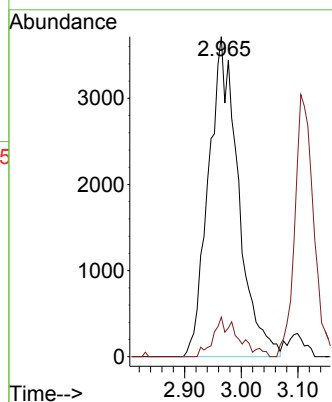
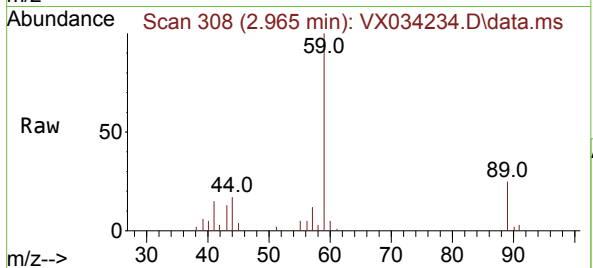




#11
Tert butyl alcohol
Concen: 14.918 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.012 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

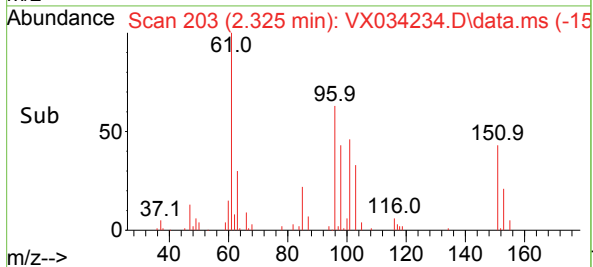
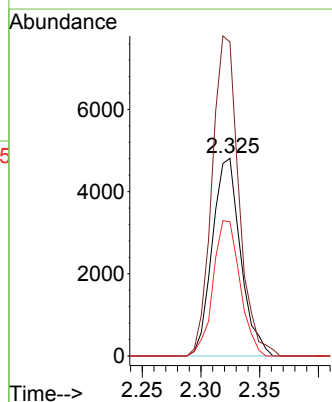
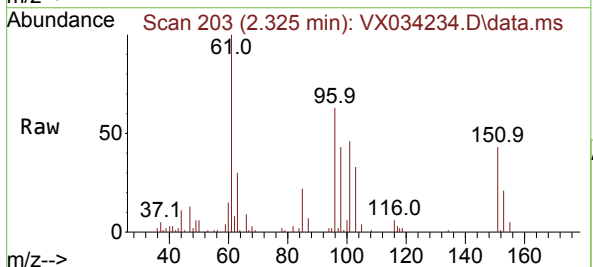
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

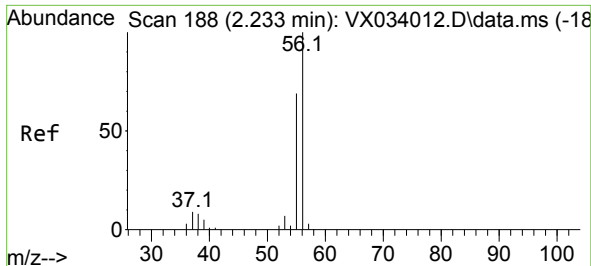
Tgt Ion: 59 Resp: 13518
Ion Ratio Lower Upper
59 100
57 9.8 3.7 5.5#



#12
1,1-Dichloroethene
Concen: 2.469 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 96 Resp: 8034
Ion Ratio Lower Upper
96 100
61 158.9 134.2 201.4
98 67.9 50.2 75.2





#13

Acrolein

Concen: 12.487 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

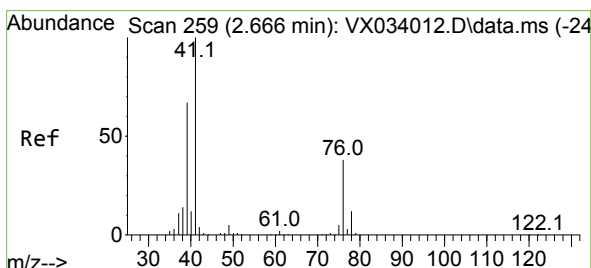
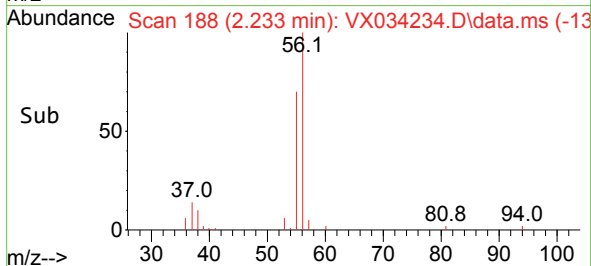
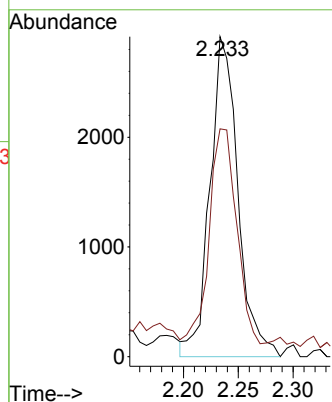
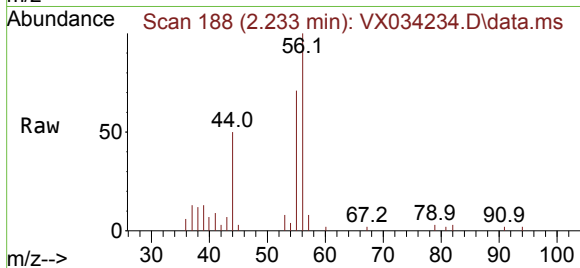
MDL-WATER-03-QT1-2023

Tgt Ion: 56 Resp: 5165

Ion Ratio Lower Upper

56 100

55 65.0 56.3 84.5



#14

Allyl chloride

Concen: 2.306 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

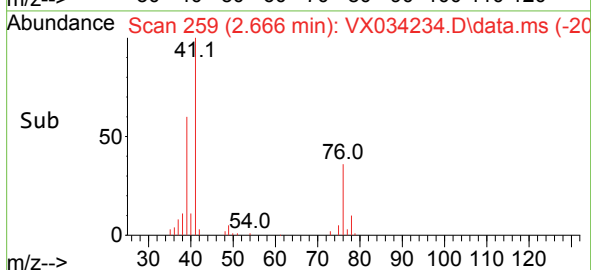
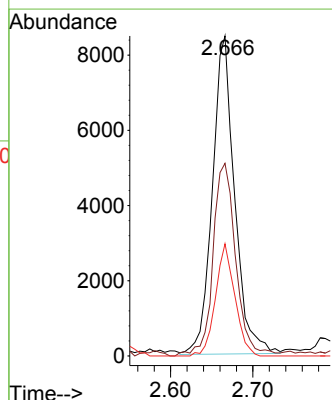
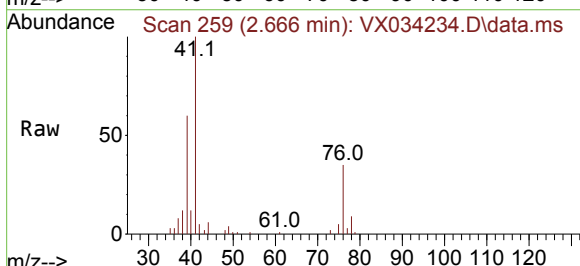
Tgt Ion: 41 Resp: 15913

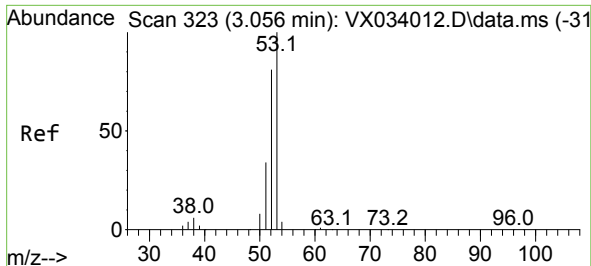
Ion Ratio Lower Upper

41 100

39 62.0 59.0 88.4

76 30.6 24.6 37.0





#15

Acrylonitrile

Concen: 11.935 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX034234.D

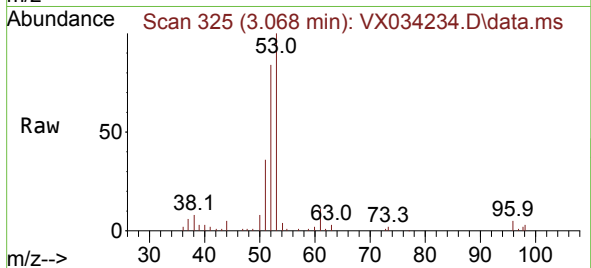
Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023



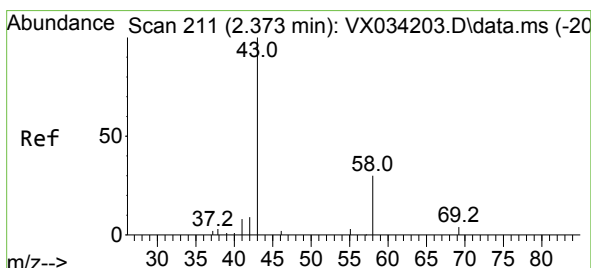
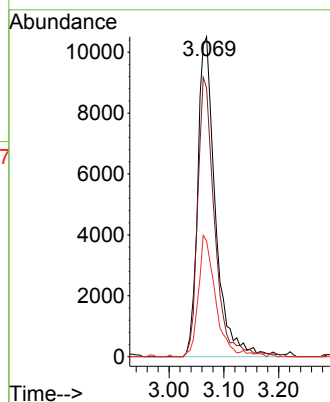
Tgt Ion: 53 Resp: 23593

Ion Ratio Lower Upper

53 100

52 82.6 65.7 98.5

51 36.0 29.0 43.4



#16

Acetone

Concen: 10.156 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034234.D

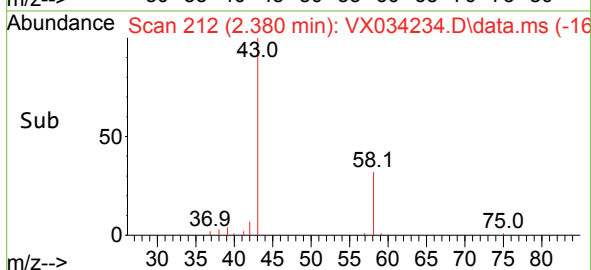
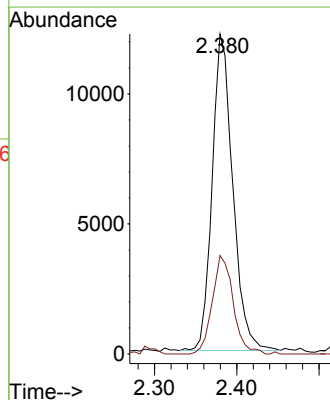
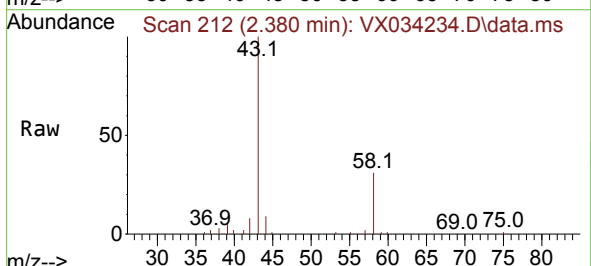
Acq: 22 Feb 2023 17:18

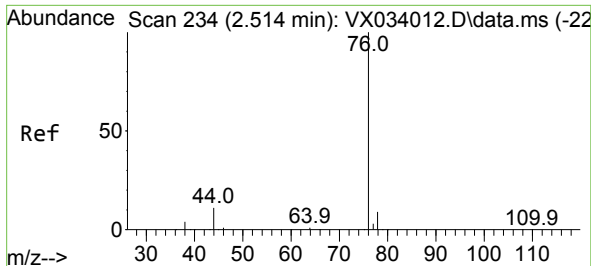
Tgt Ion: 43 Resp: 21226

Ion Ratio Lower Upper

43 100

58 31.1 22.6 33.8

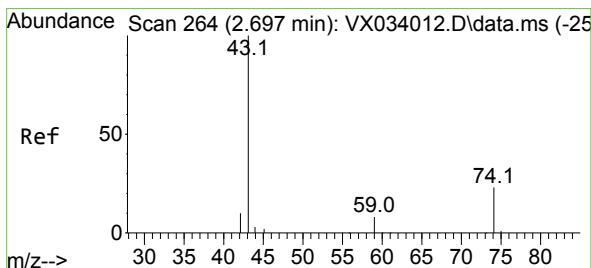
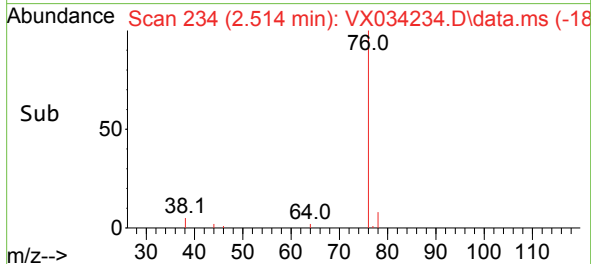
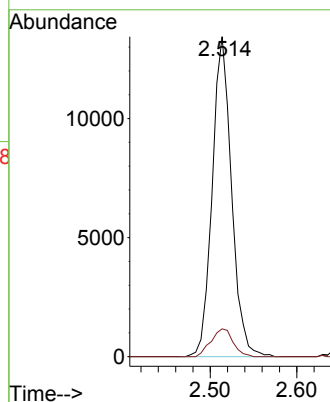
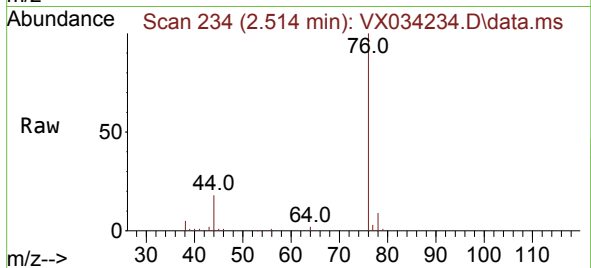




#17
Carbon Disulfide
Concen: 2.224 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

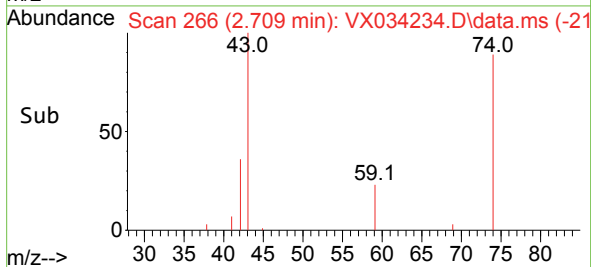
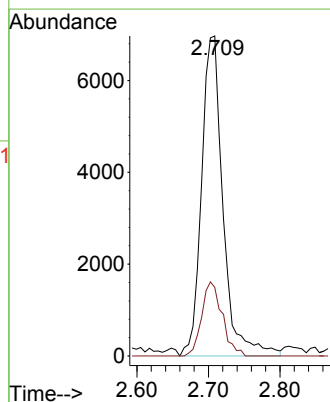
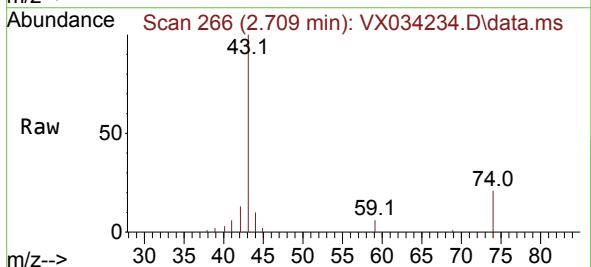
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

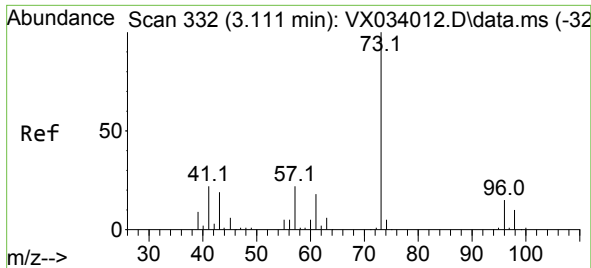
Tgt Ion: 76 Resp: 20804
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 2.246 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 43 Resp: 14525
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.4

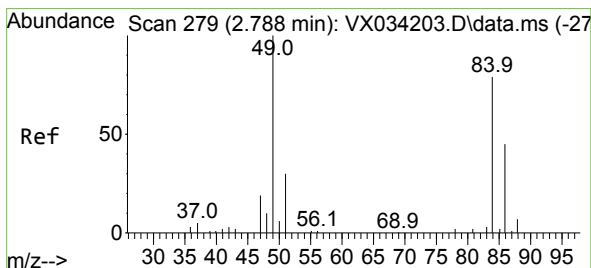
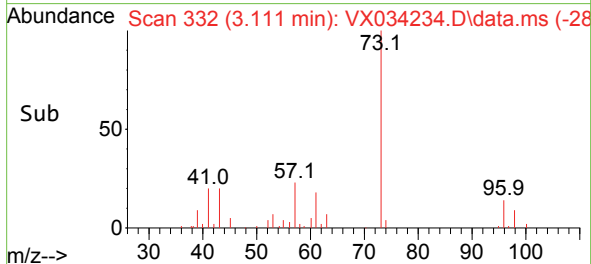
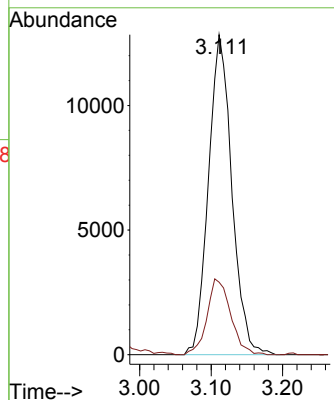
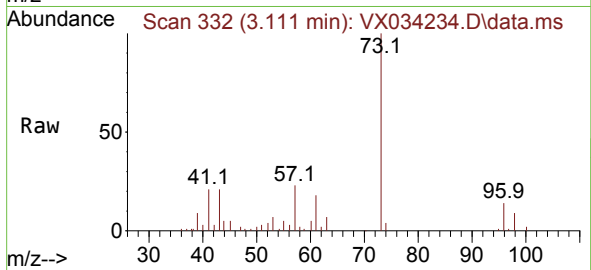




#19
Methyl tert-butyl Ether
Concen: 2.539 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

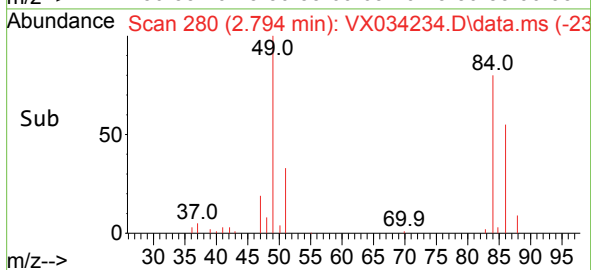
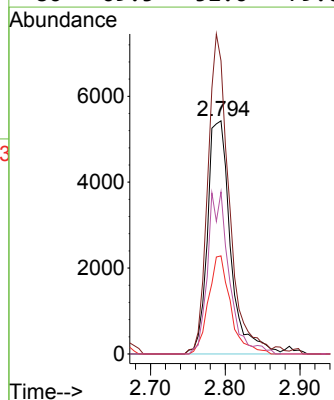
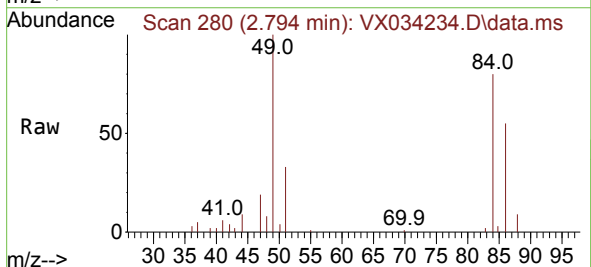
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

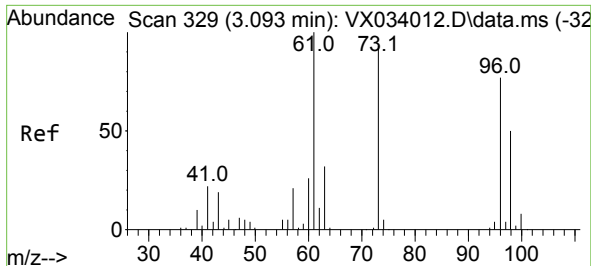
Tgt Ion: 73 Resp: 29154
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0



#20
Methylene Chloride
Concen: 3.098 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 84 Resp: 11665
Ion Ratio Lower Upper
84 100
49 125.8 101.1 151.7
51 42.1 31.0 46.6
86 69.5 52.6 79.0

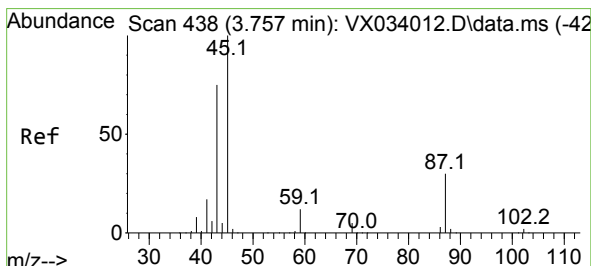
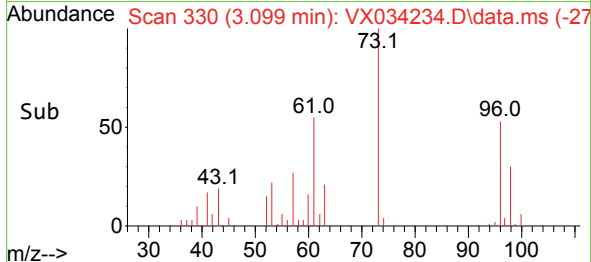
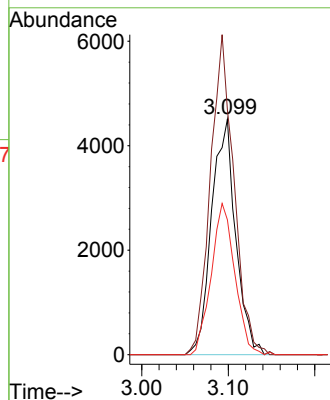
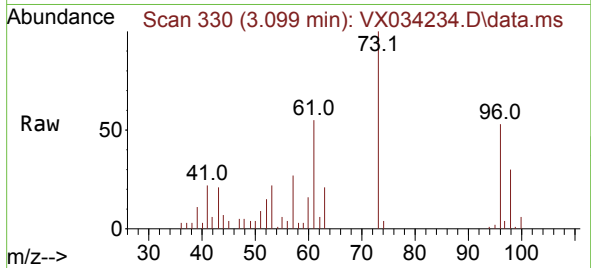




#21
trans-1,2-Dichloroethene
Concen: 2.559 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

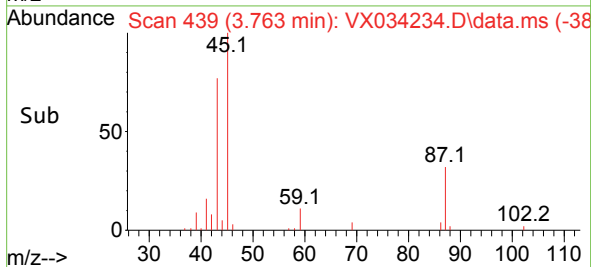
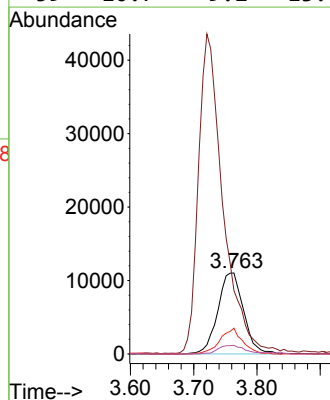
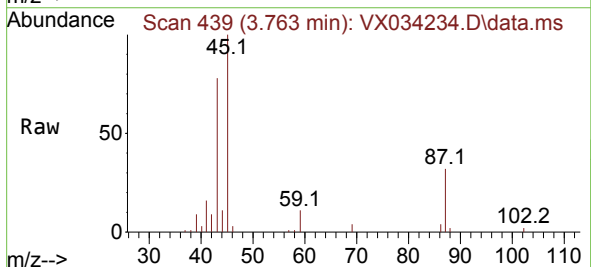
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

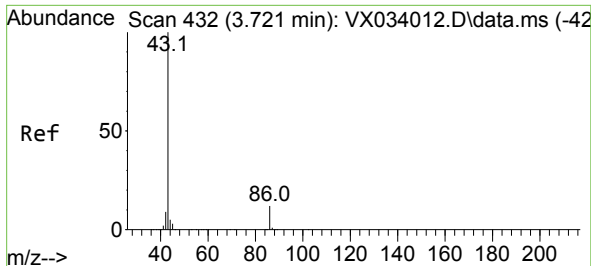
Tgt Ion: 96 Resp: 8725
Ion Ratio Lower Upper
96 100
61 104.0 106.7 160.1#
98 57.3 50.0 75.0



#22
Diisopropyl ether
Concen: 2.569 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 45 Resp: 31089
Ion Ratio Lower Upper
45 100
43 76.6 64.6 97.0
87 31.8 21.9 32.9
59 10.7 9.2 13.8

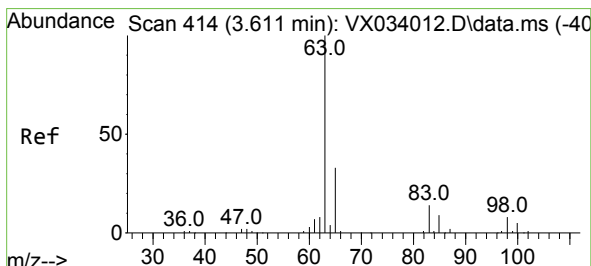
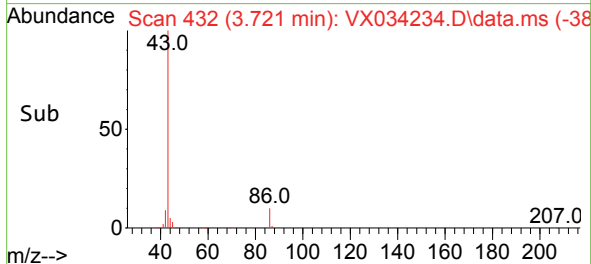
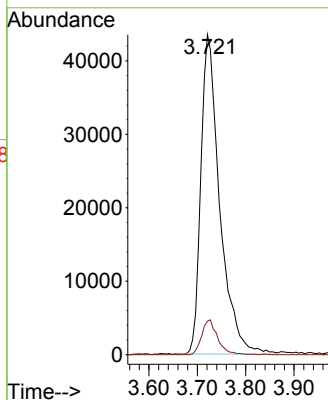
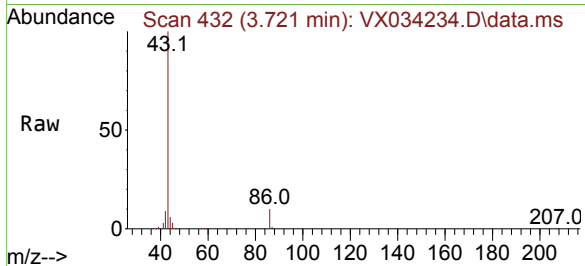




#23
 Vinyl Acetate
 Concen: 12.178 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX034234.D
 Acq: 22 Feb 2023 17:18

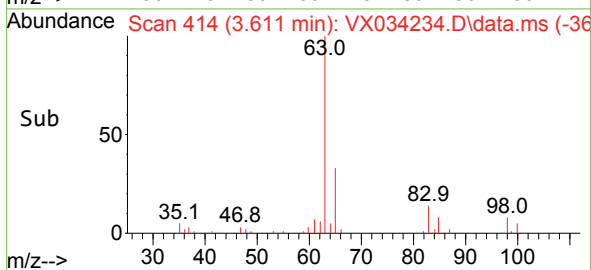
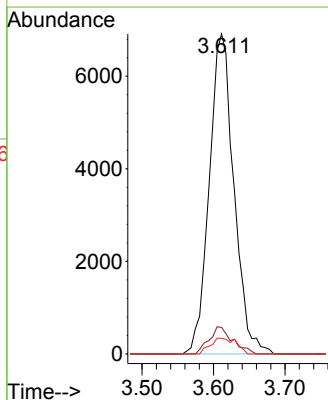
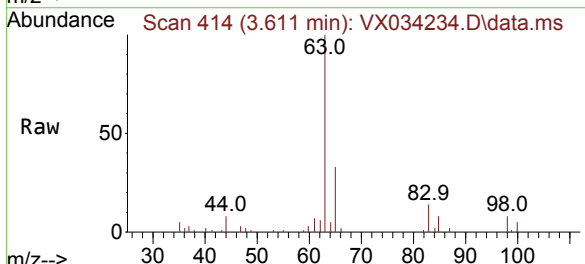
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

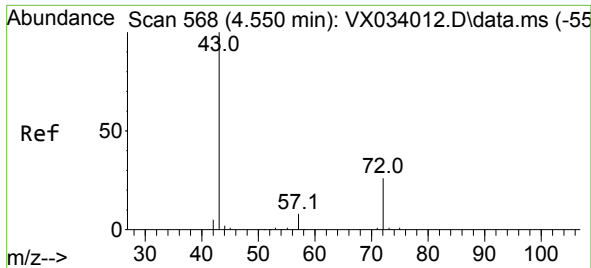
Tgt Ion: 43 Resp: 118062
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 2.491 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034234.D
 Acq: 22 Feb 2023 17:18

Tgt Ion: 63 Resp: 16544
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.8 11.2
 100 4.9 2.4 7.2

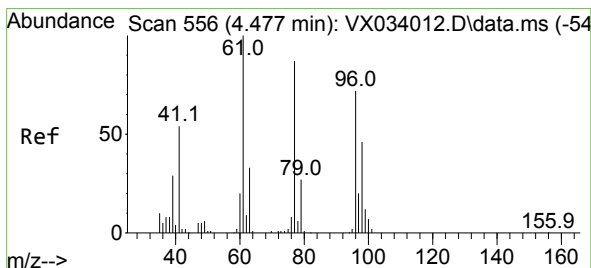
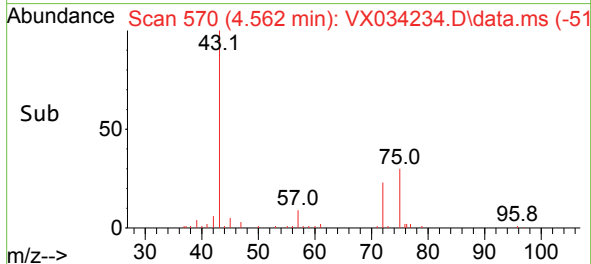
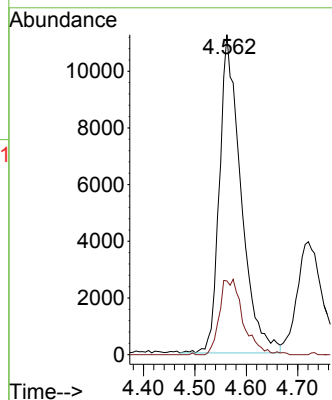
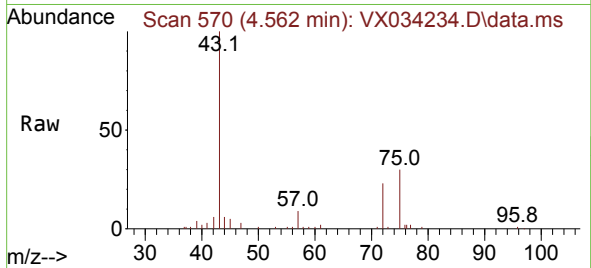




#25
2-Butanone
Concen: 10.788 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

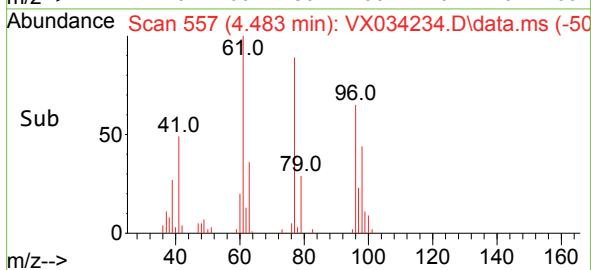
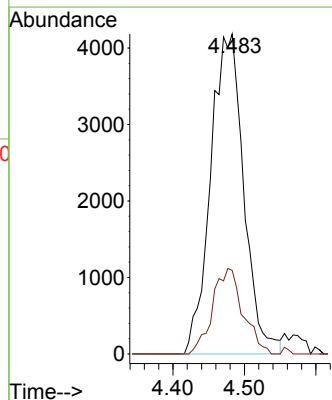
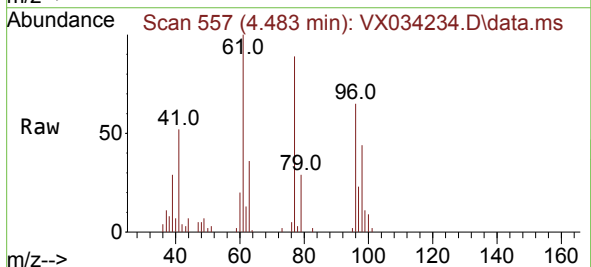
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

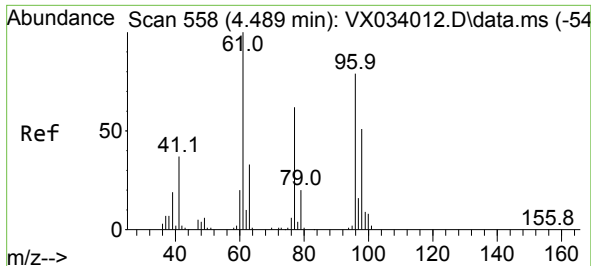
Tgt Ion: 43 Resp: 32623
Ion Ratio Lower Upper
43 100
72 23.2 19.4 29.2



#26
2,2-Dichloropropane
Concen: 2.237 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.012 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 77 Resp: 13463
Ion Ratio Lower Upper
77 100
97 24.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 2.539 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

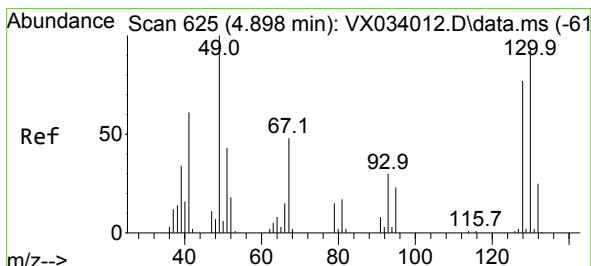
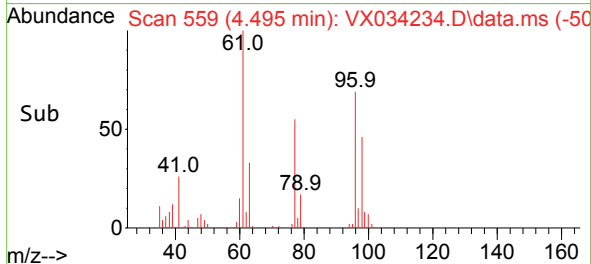
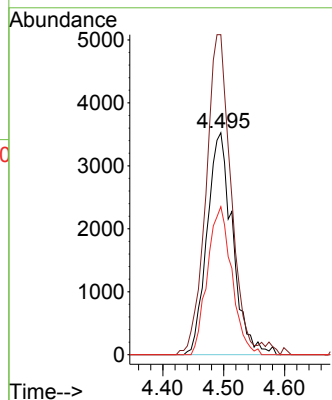
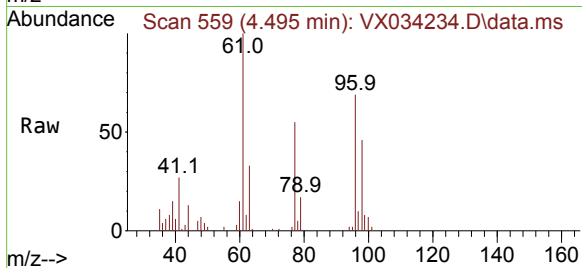
Tgt Ion: 96 Resp: 10251

Ion Ratio Lower Upper

96 100

61 140.5 0.0 277.6

98 63.5 0.0 128.0



#28

Bromochloromethane

Concen: 2.349 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

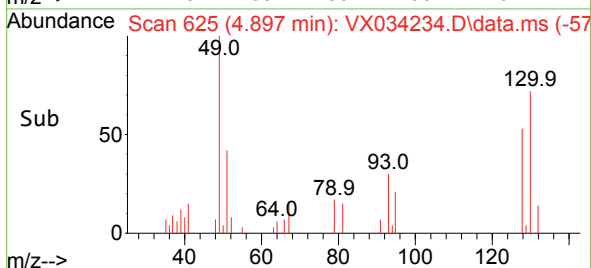
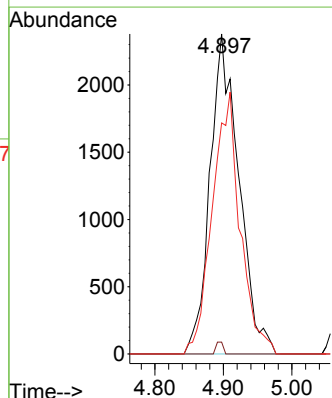
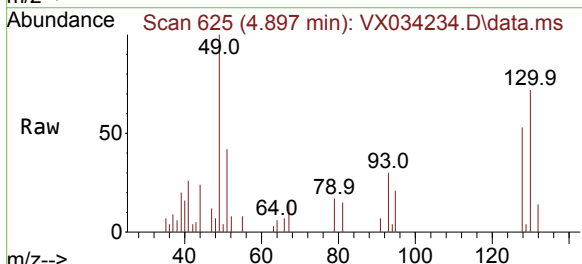
Tgt Ion: 49 Resp: 6962

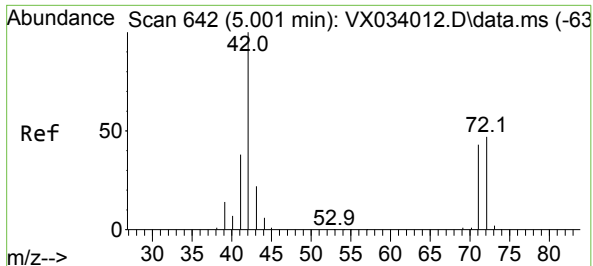
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.6

130 78.8 68.5 102.7





#29

Tetrahydrofuran

Concen: 11.717 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

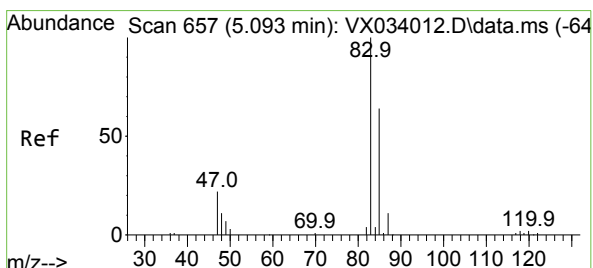
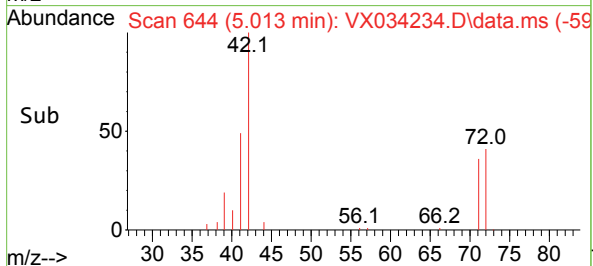
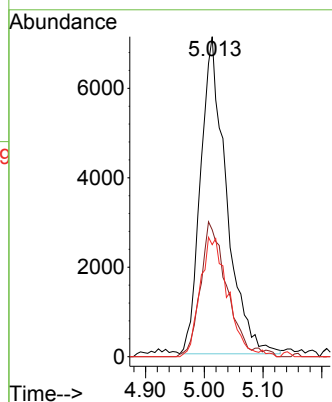
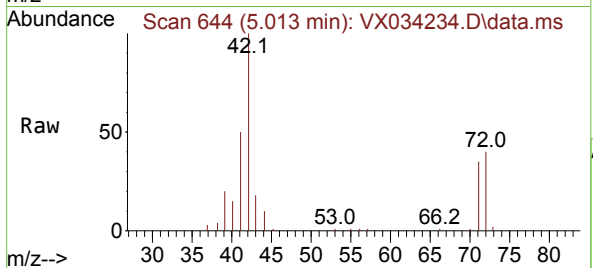
Tgt Ion: 42 Resp: 21614

Ion Ratio Lower Upper

42 100

72 42.7 34.8 52.2

71 40.8 32.2 48.2



#30

Chloroform

Concen: 2.463 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034234.D

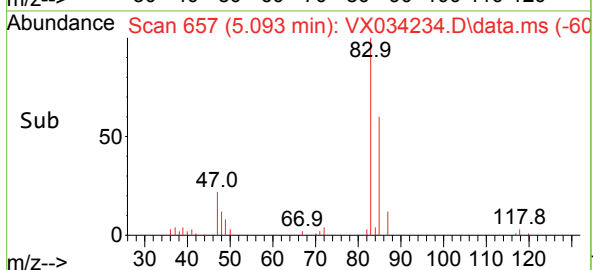
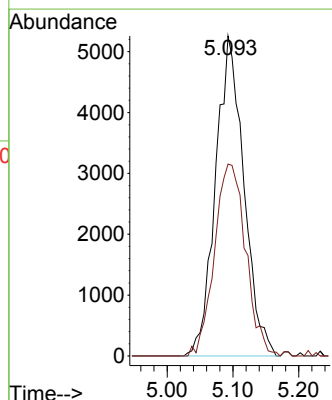
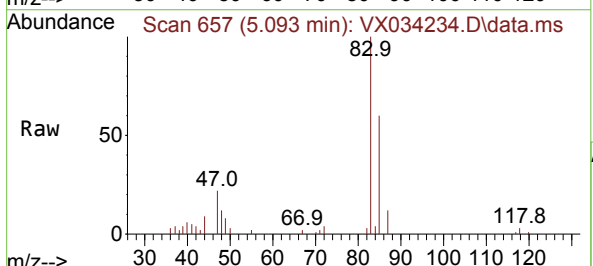
Acq: 22 Feb 2023 17:18

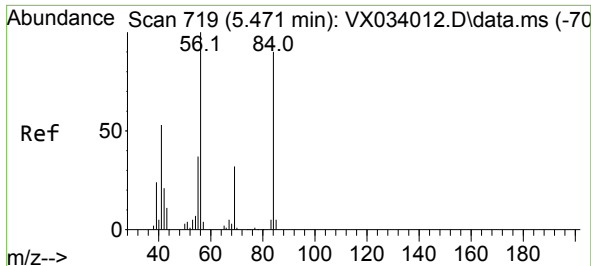
Tgt Ion: 83 Resp: 15713

Ion Ratio Lower Upper

83 100

85 59.9 52.1 78.1

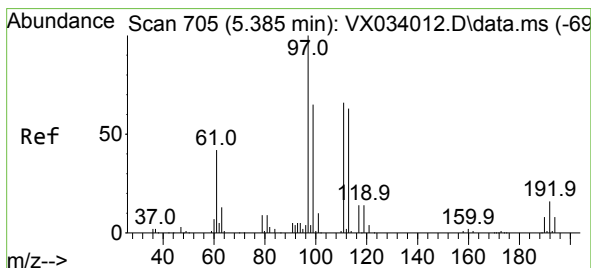
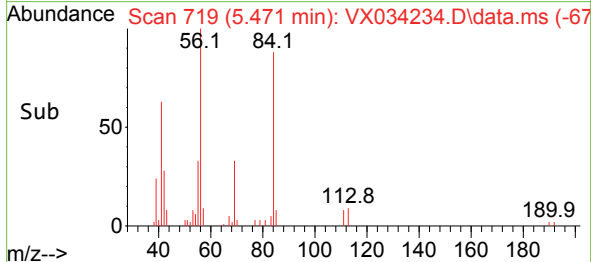
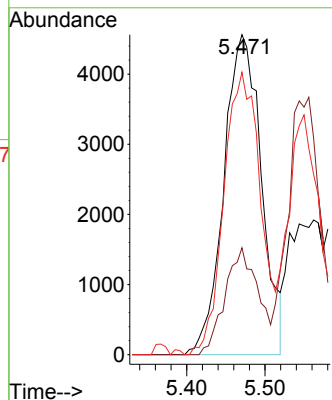
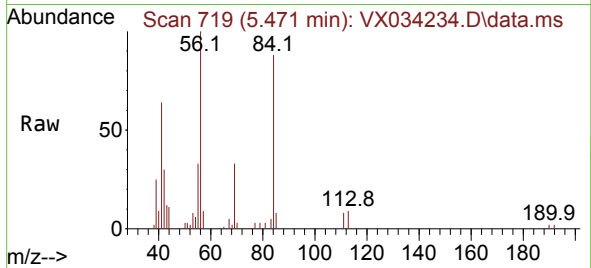




#31
Cyclohexane
Concen: 2.504 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

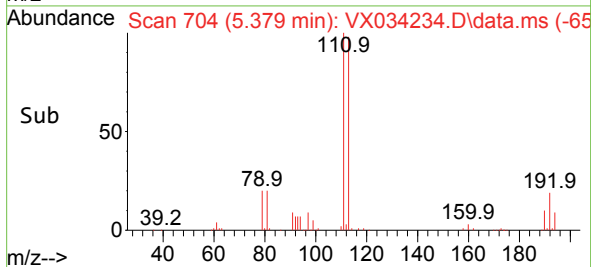
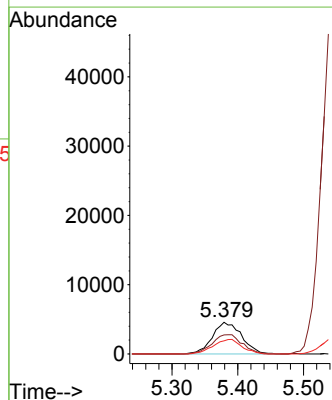
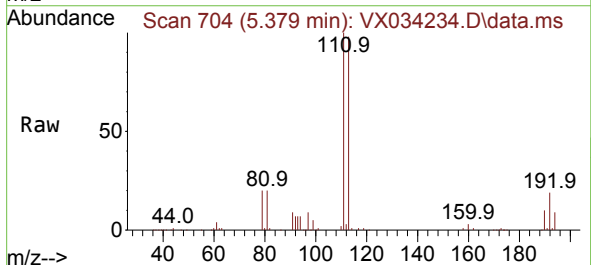
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 56 Resp: 15147
Ion Ratio Lower Upper
56 100
69 33.4 24.6 37.0
84 87.0 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 2.476 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 97 Resp: 14157
Ion Ratio Lower Upper
97 100
99 62.6 52.3 78.5
61 44.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.240 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

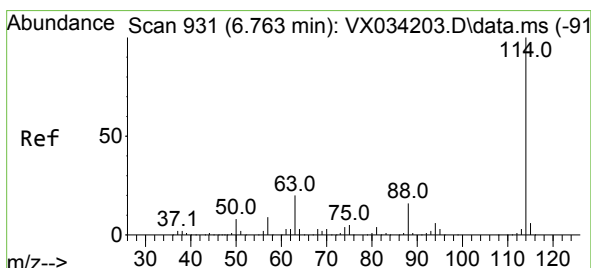
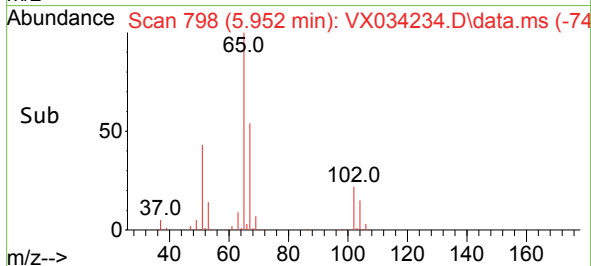
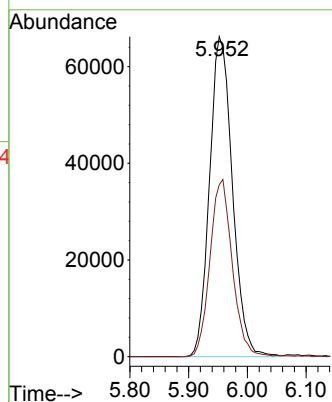
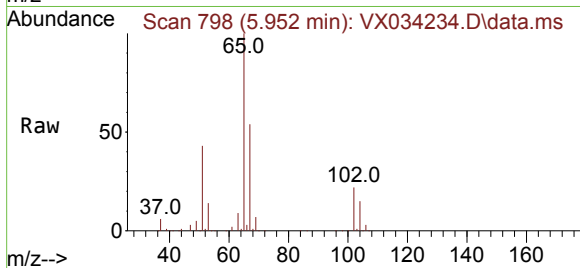
MDL-WATER-03-QT1-2023

Tgt Ion: 65 Resp: 179236

Ion Ratio Lower Upper

65 100

67 54.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

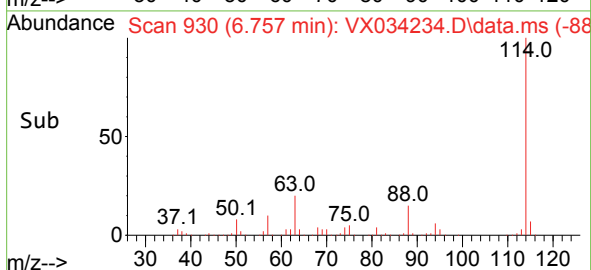
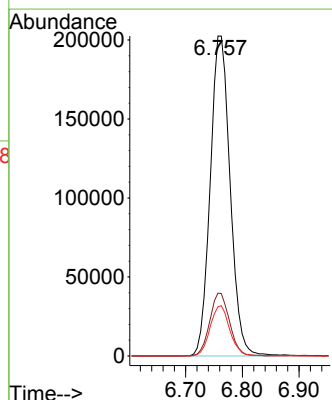
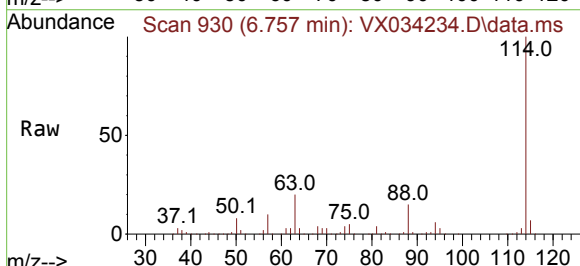
Tgt Ion: 114 Resp: 493130

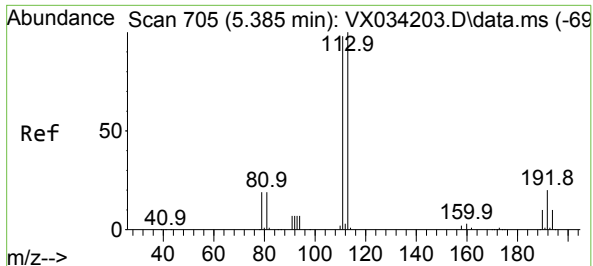
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.4 0.0 30.6

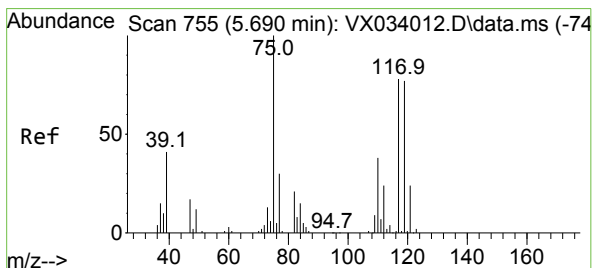
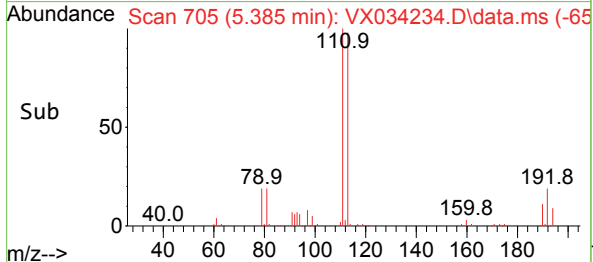
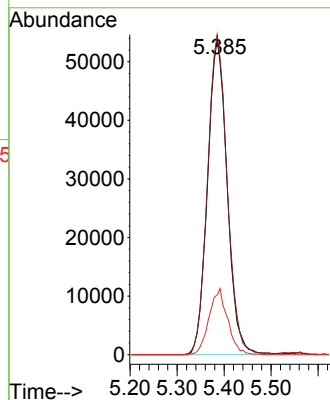
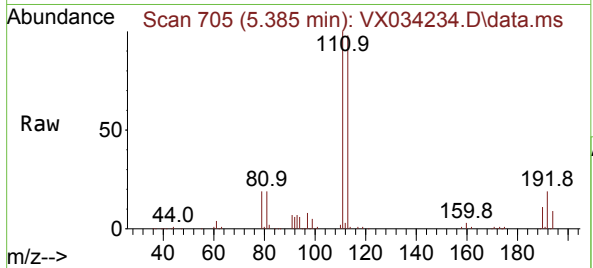




#35
Dibromofluoromethane
Concen: 48.548 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

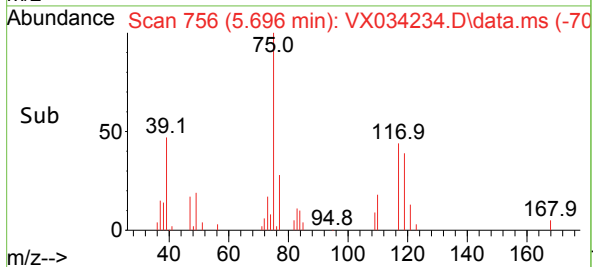
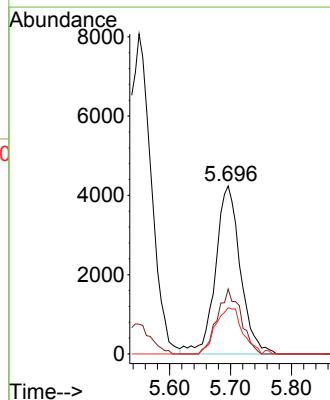
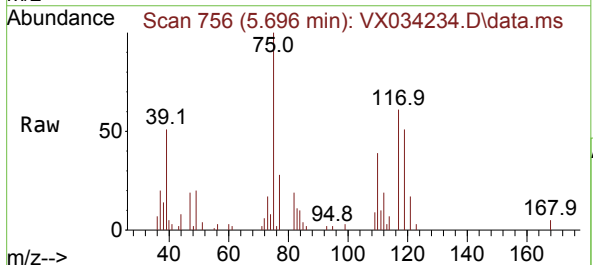
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

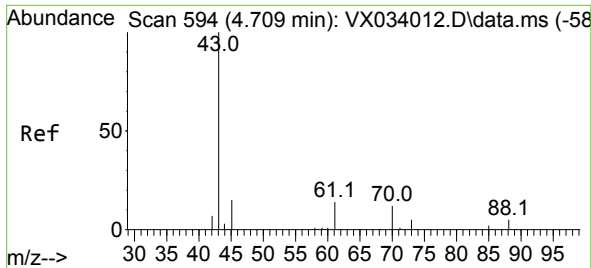
Tgt Ion:113 Resp: 155877
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 19.9 19.0 28.4



#36
1,1-Dichloropropene
Concen: 2.532 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 75 Resp: 12022
Ion Ratio Lower Upper
75 100
110 36.6 18.8 56.4
77 30.1 25.1 37.7





#37

Ethyl Acetate

Concen: 2.476 ug/l

RT: 4.721 min Scan# 594

Delta R.T. 0.012 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

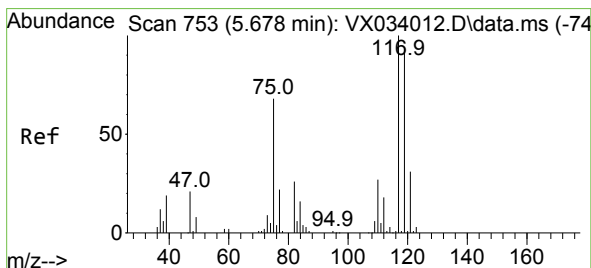
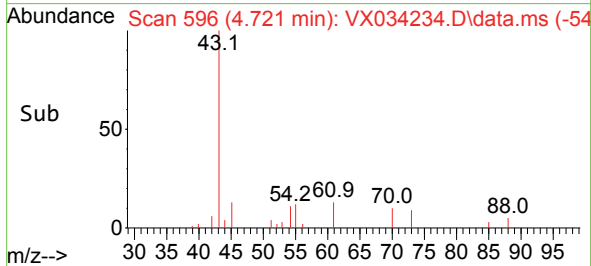
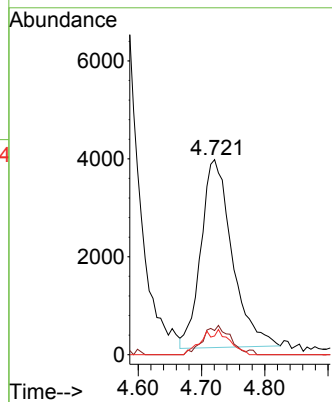
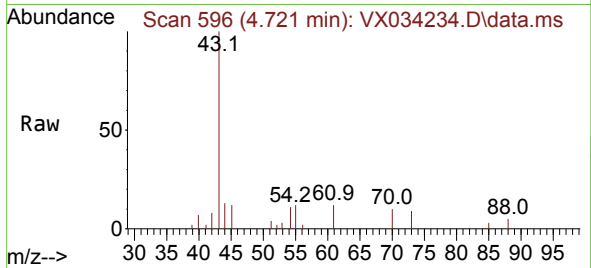
Tgt Ion: 43 Resp: 13141

Ion Ratio Lower Upper

43 100

61 13.3 11.1 16.7

70 5.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 2.480 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.012 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

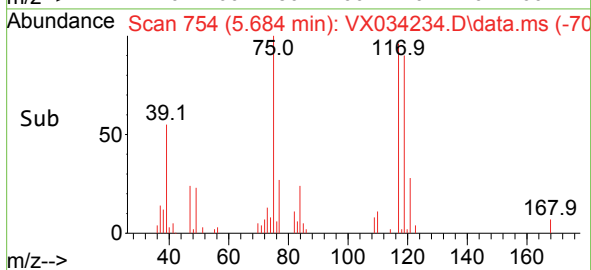
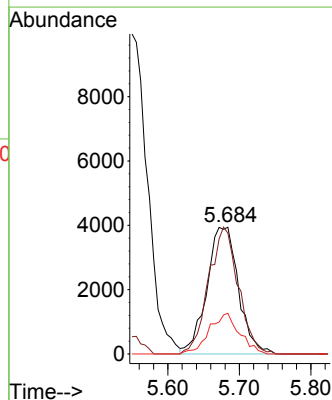
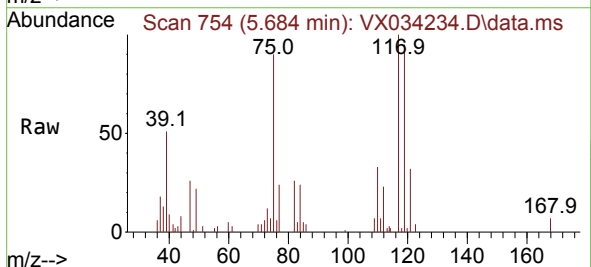
Tgt Ion: 117 Resp: 12119

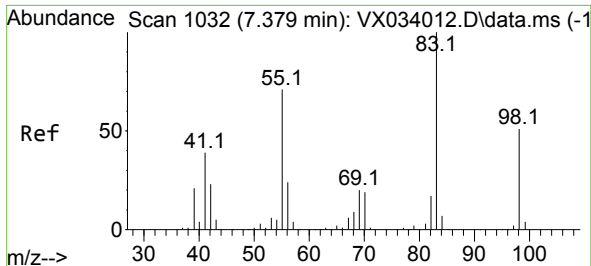
Ion Ratio Lower Upper

117 100

119 95.3 78.0 117.0

121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 2.395 ug/l

RT: 7.385 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

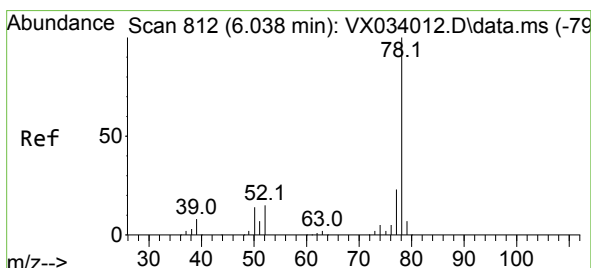
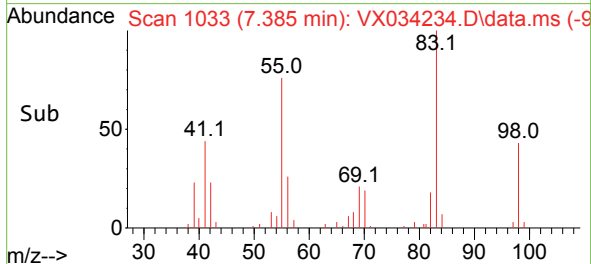
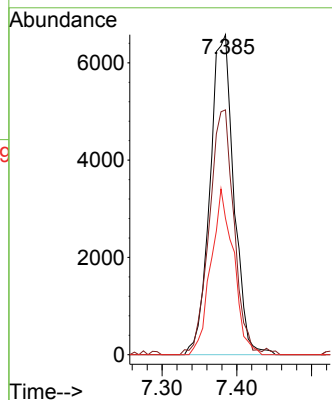
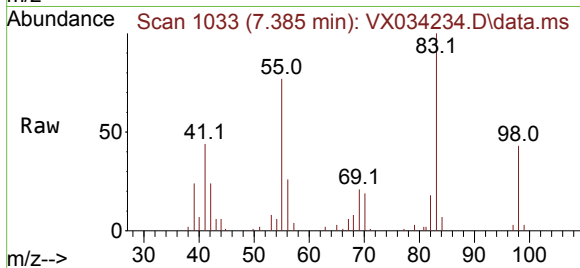
Tgt Ion: 83 Resp: 14638

Ion Ratio Lower Upper

83 100

55 76.5 61.8 92.6

98 42.6 39.3 58.9



#40

Benzene

Concen: 2.572 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX034234.D

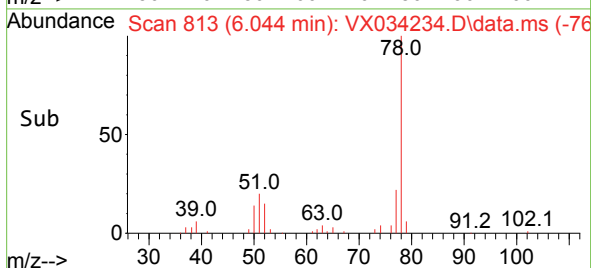
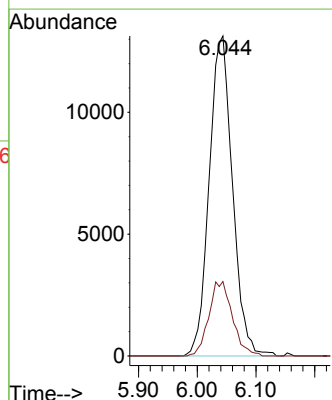
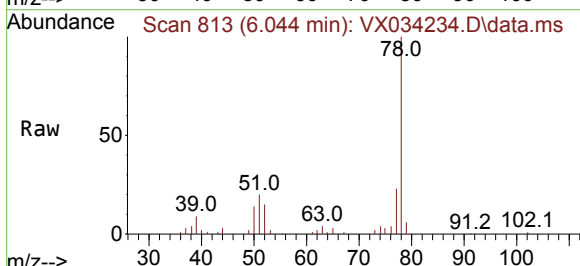
Acq: 22 Feb 2023 17:18

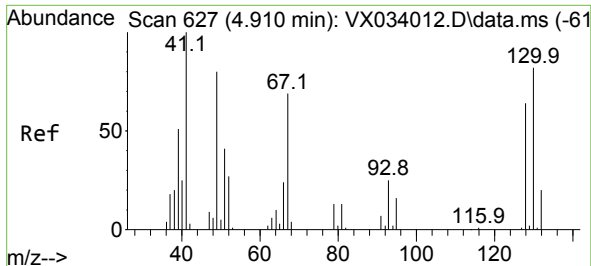
Tgt Ion: 78 Resp: 36192

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4

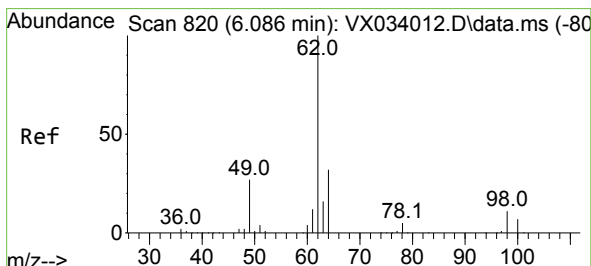
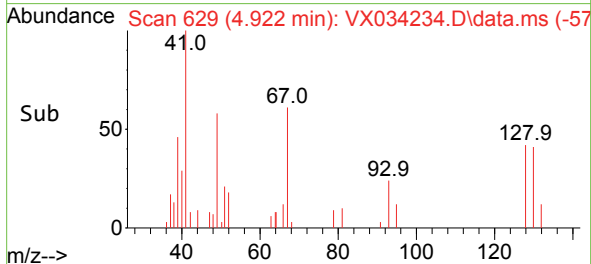
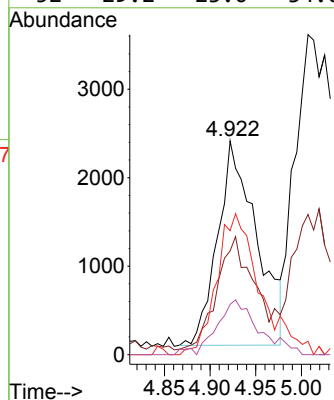
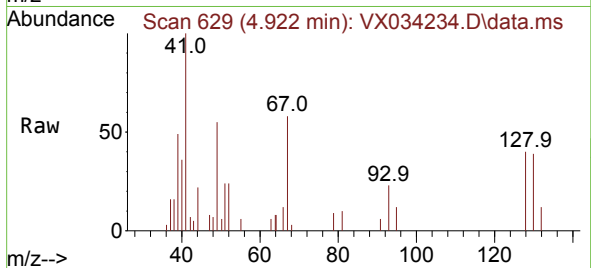




#41
Methacrylonitrile
Concen: 2.310 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

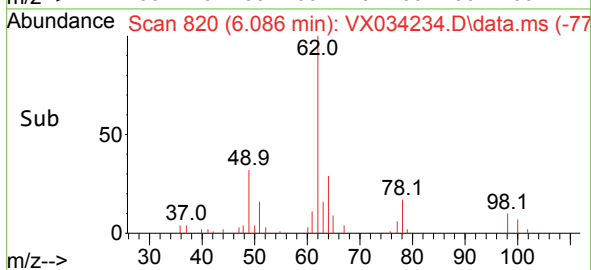
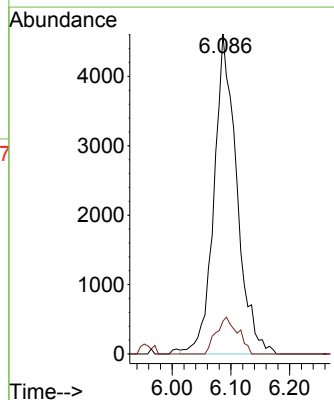
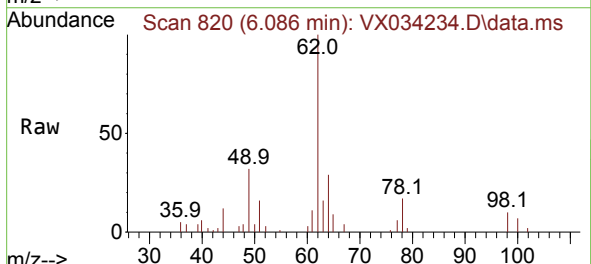
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

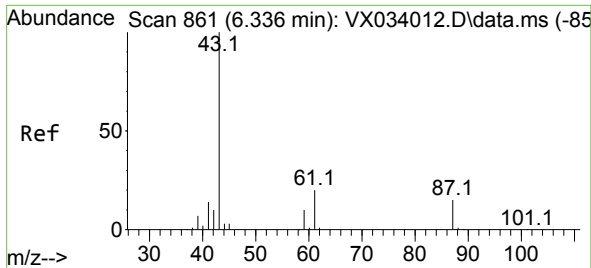
Tgt Ion: 41 Resp: 6829
Ion Ratio Lower Upper
41 100
39 51.5 43.8 65.6
67 77.5 54.8 82.2
52 29.2 23.0 34.6



#42
1,2-Dichloroethane
Concen: 2.506 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 62 Resp: 12404
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 2.348 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

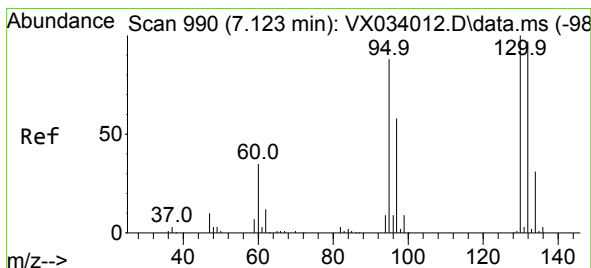
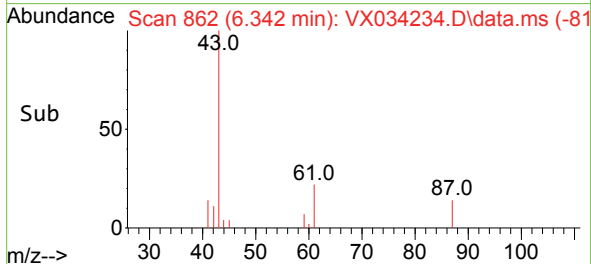
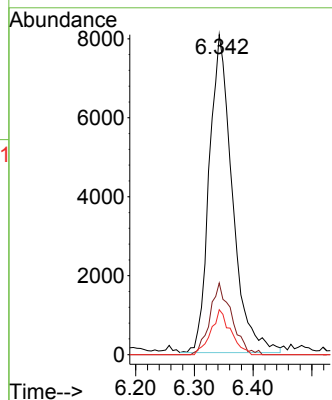
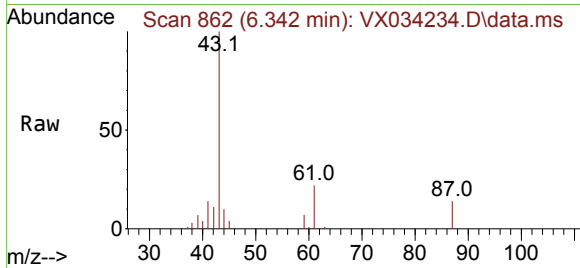
Tgt Ion: 43 Resp: 21984

Ion Ratio Lower Upper

43 100

61 21.2 15.7 23.5

87 12.1 10.6 15.8



#44

Trichloroethene

Concen: 2.647 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX034234.D

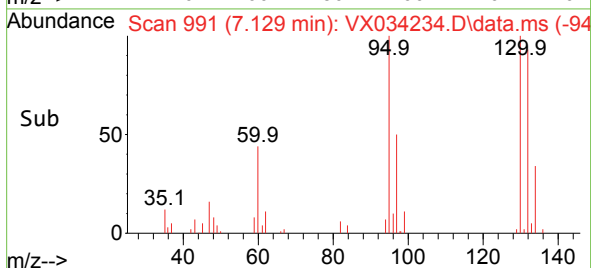
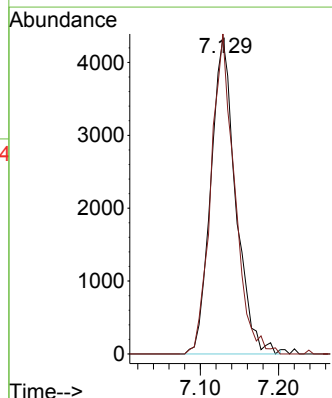
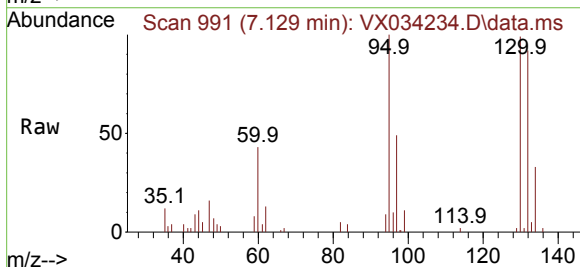
Acq: 22 Feb 2023 17:18

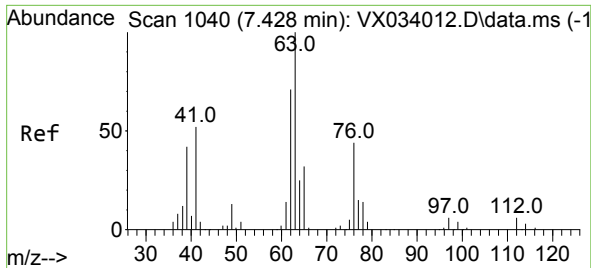
Tgt Ion:130 Resp: 9558

Ion Ratio Lower Upper

130 100

95 101.4 0.0 182.6

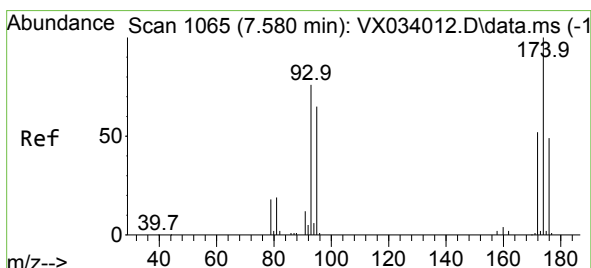
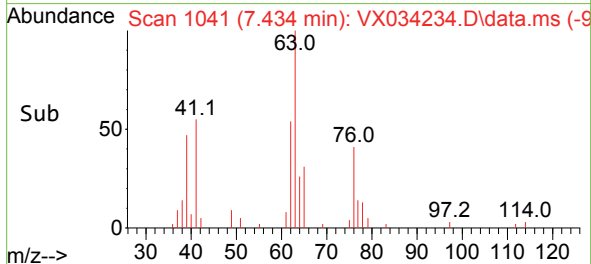
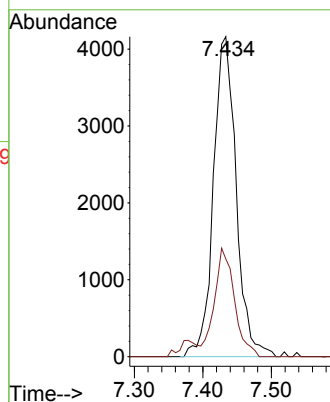
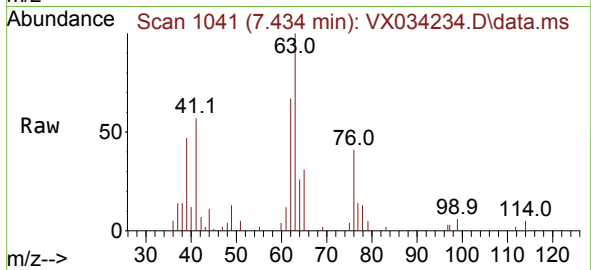




#45
1,2-Dichloropropane
Concen: 2.554 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

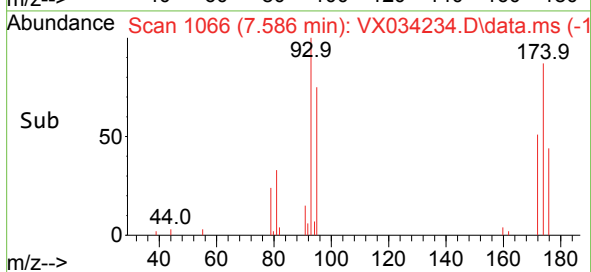
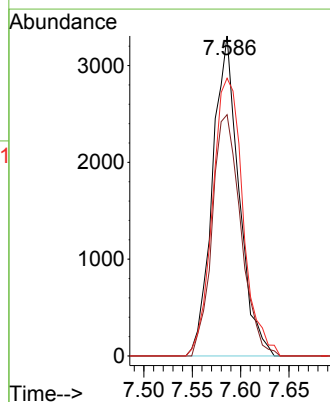
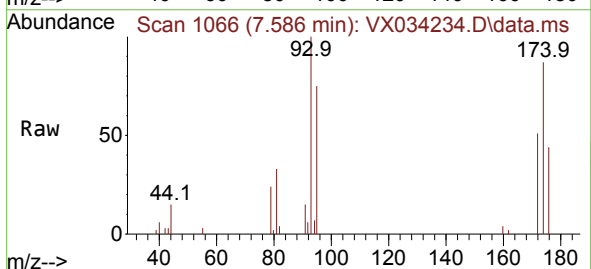
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

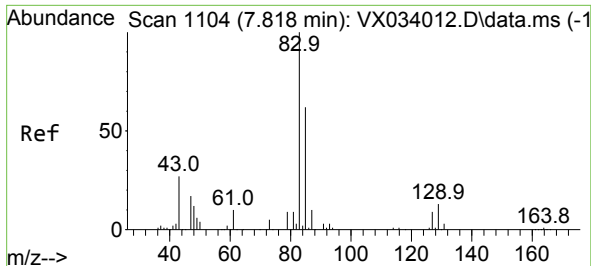
Tgt Ion: 63 Resp: 9569
Ion Ratio Lower Upper
63 100
65 30.5 24.2 36.2



#46
Dibromomethane
Concen: 2.540 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 93 Resp: 6261
Ion Ratio Lower Upper
93 100
95 82.0 67.6 101.4
174 99.9 97.4 146.0

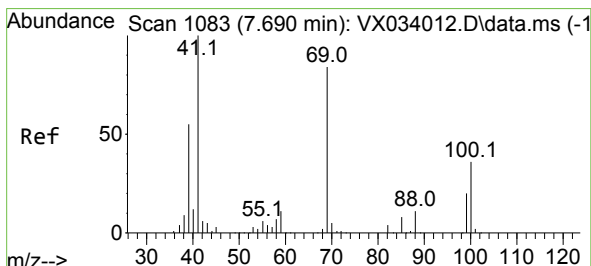
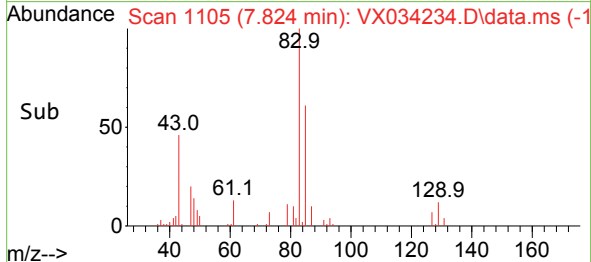
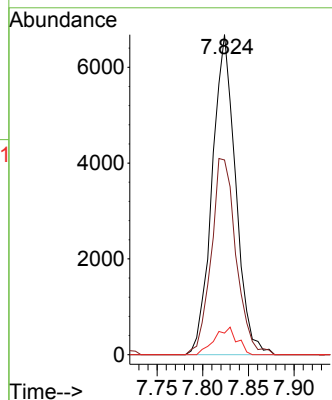
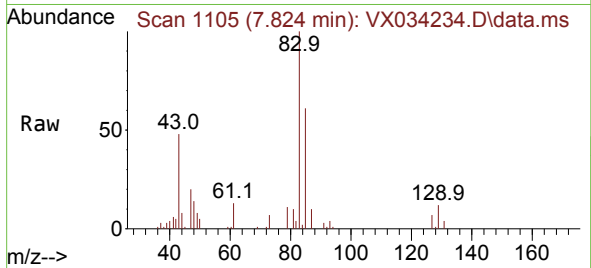




#47
Bromodichloromethane
Concen: 2.361 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

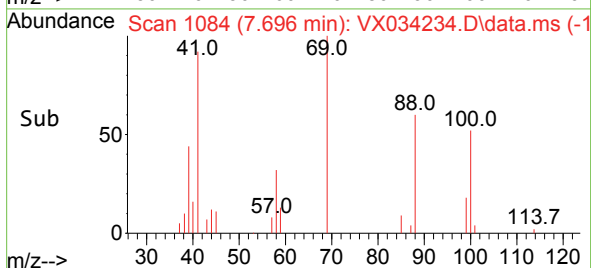
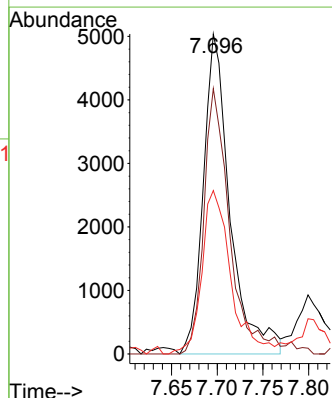
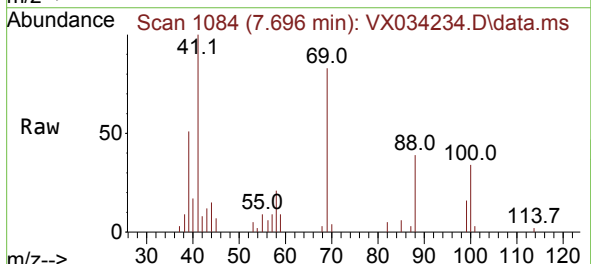
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

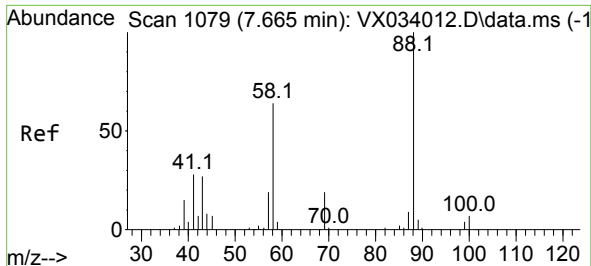
Tgt Ion: 83 Resp: 11943
Ion Ratio Lower Upper
83 100
85 60.8 49.8 74.6
127 6.8 7.0 10.4#



#48
Methyl methacrylate
Concen: 2.298 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 41 Resp: 10215
Ion Ratio Lower Upper
41 100
69 80.5 63.1 94.7
39 55.2 43.2 64.8





#49

1,4-Dioxane

Concen: 51.965 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.043 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

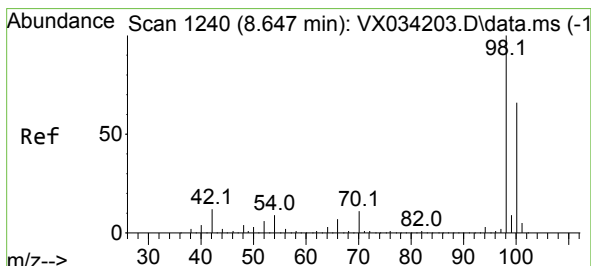
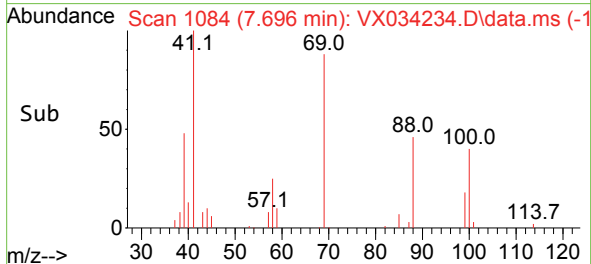
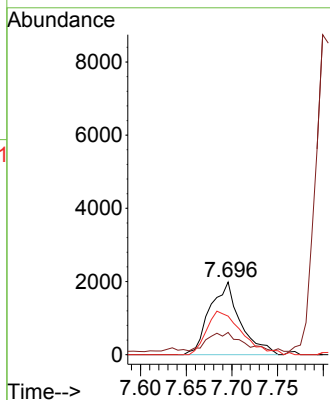
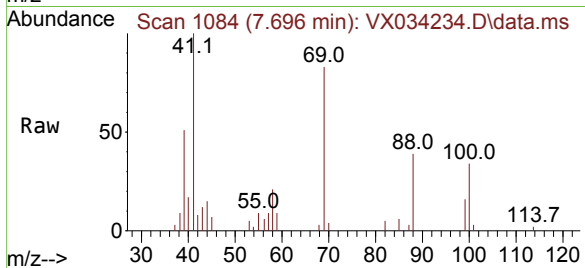
Tgt Ion: 88 Resp: 4607

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 68.7 56.5 84.7



#50

Toluene-d8

Concen: 49.458 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034234.D

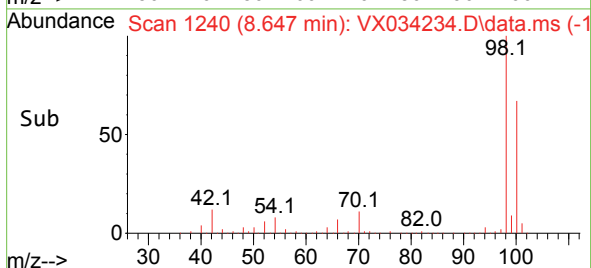
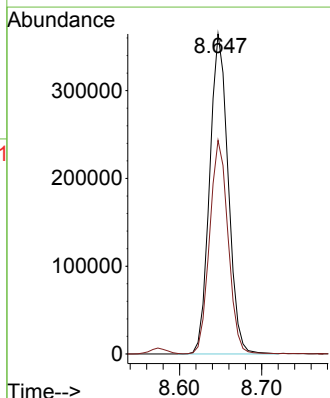
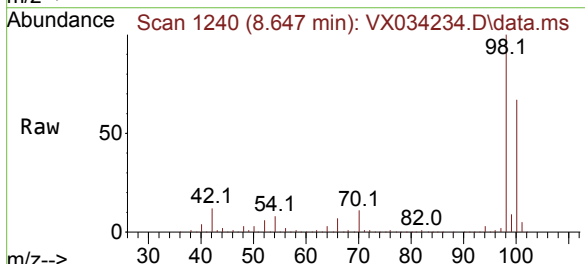
Acq: 22 Feb 2023 17:18

Tgt Ion: 98 Resp: 570142

Ion Ratio Lower Upper

98 100

100 66.4 53.6 80.4

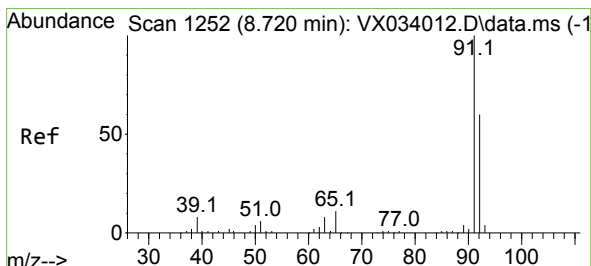
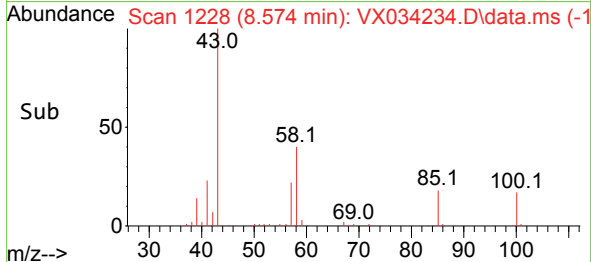
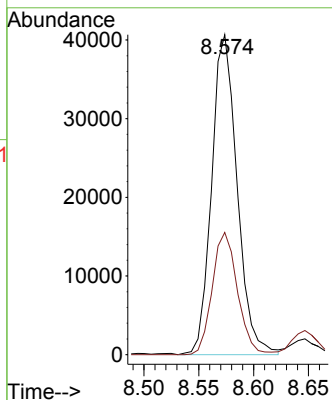
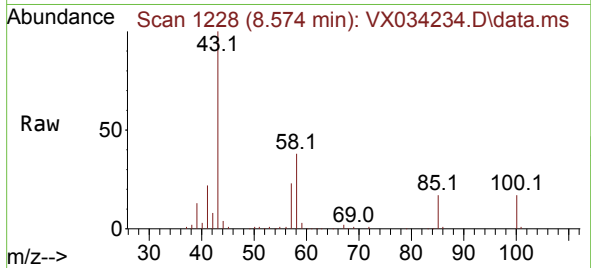




#51
4-Methyl-2-Pentanone
Concen: 12.766 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

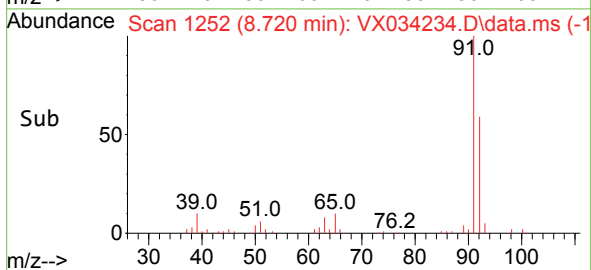
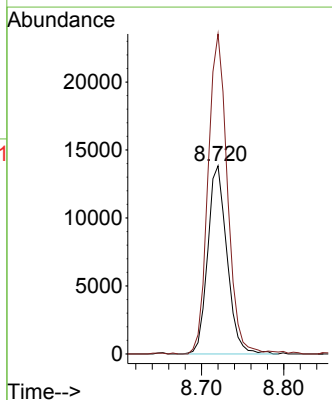
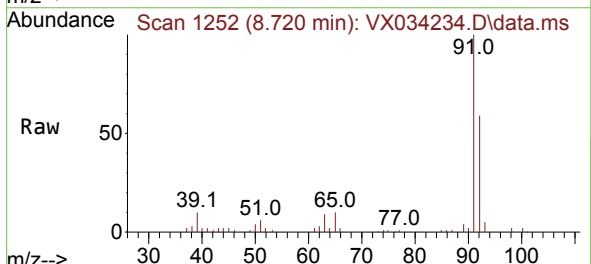
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

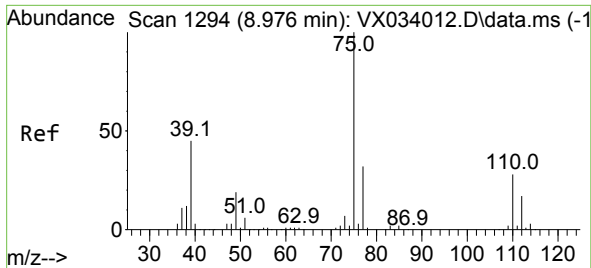
Tgt Ion: 43 Resp: 65773
Ion Ratio Lower Upper
43 100
58 37.8 31.2 46.8



#52
Toluene
Concen: 2.640 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 92 Resp: 22513
Ion Ratio Lower Upper
92 100
91 171.6 135.5 203.3

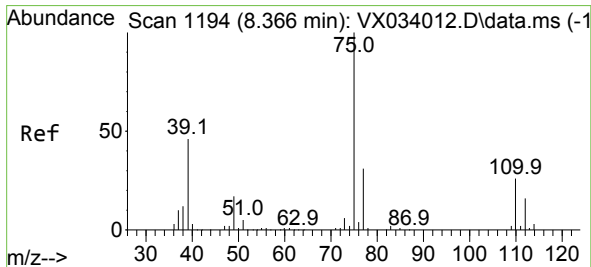
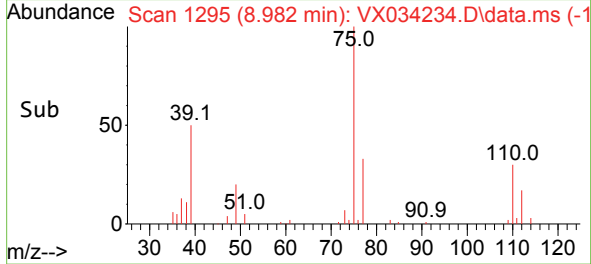
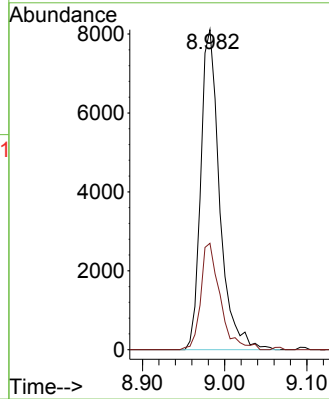
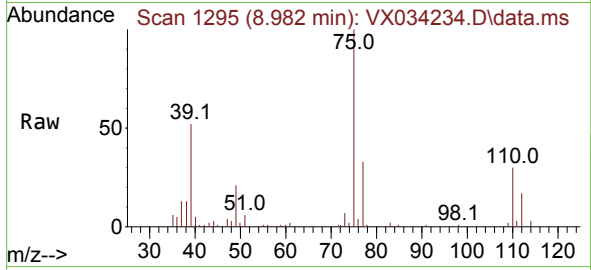




#53
 t-1,3-Dichloropropene
 Concen: 2.222 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX034234.D
 Acq: 22 Feb 2023 17:18

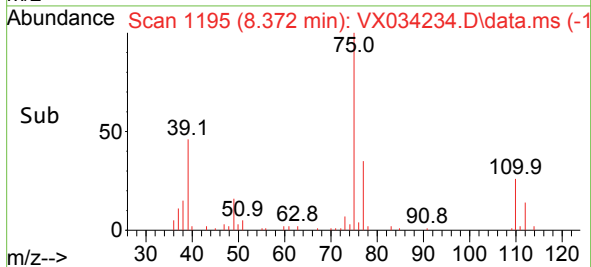
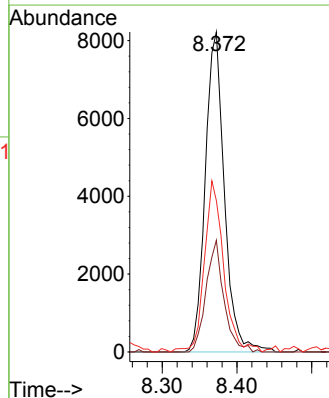
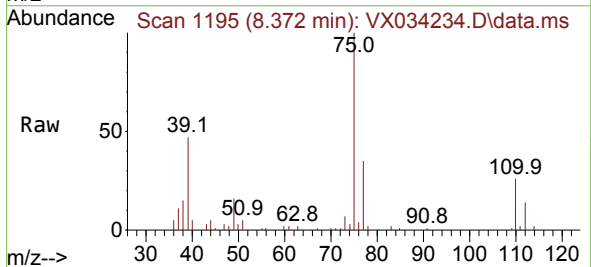
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2023

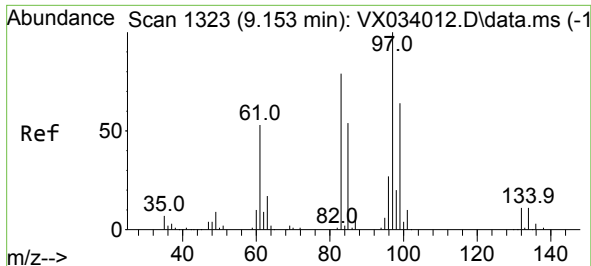
Tgt Ion: 75 Resp: 12941
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 2.346 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX034234.D
 Acq: 22 Feb 2023 17:18

Tgt Ion: 75 Resp: 14629
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.0 37.6
 39 47.3 38.6 58.0

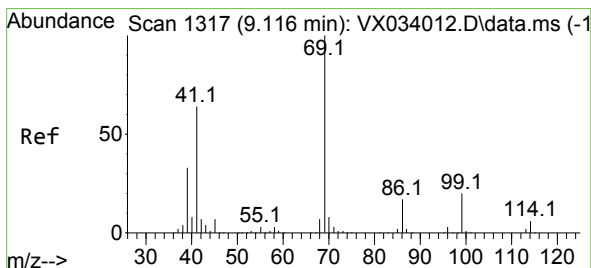
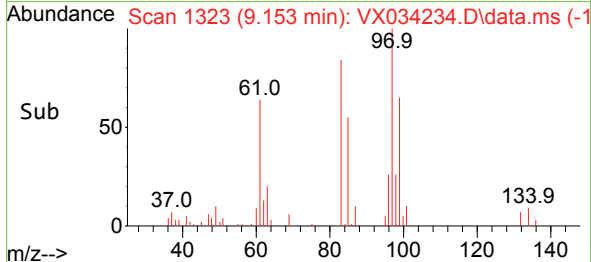
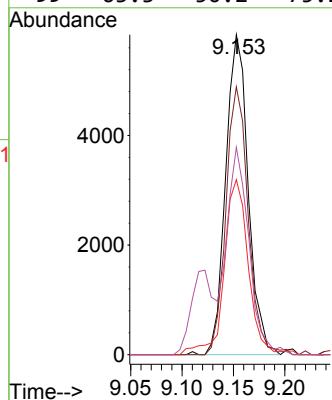
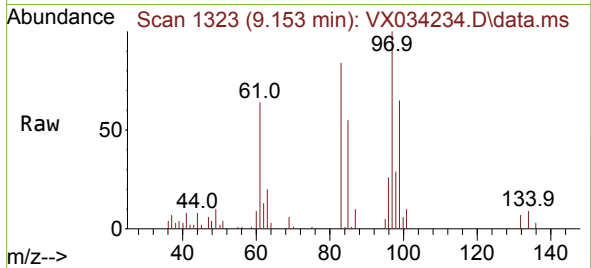




#55
1,1,2-Trichloroethane
Concen: 2.587 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

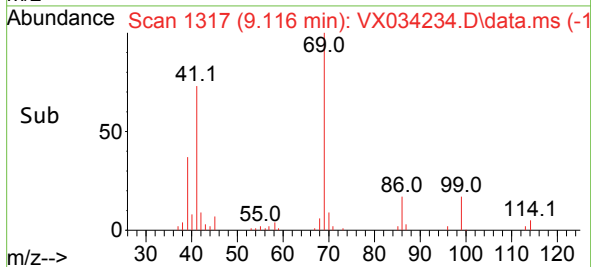
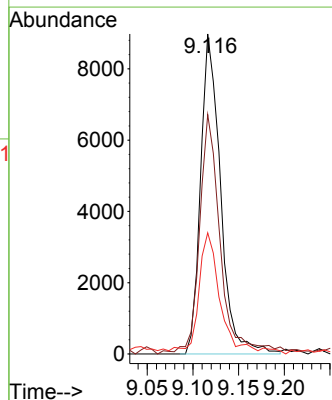
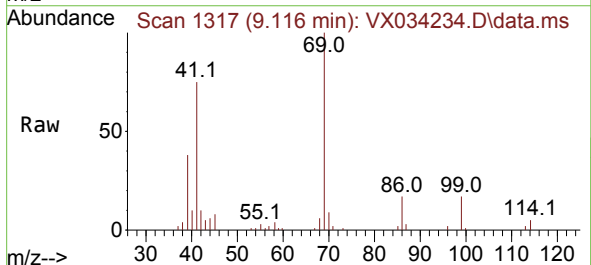
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

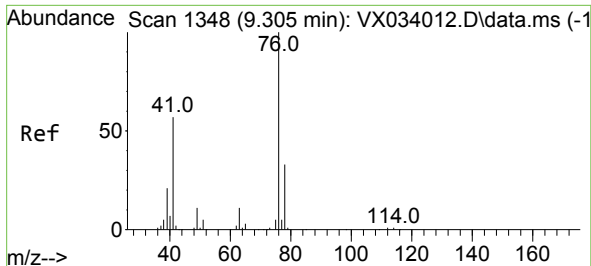
Tgt Ion:	97	Resp:	8902
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.0
85	54.7	43.2	64.8
99	63.3	50.2	75.2



#56
Ethyl methacrylate
Concen: 2.334 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion:	69	Resp:	13589
Ion	Ratio	Lower	Upper
69	100		
41	79.9	55.1	82.7
39	36.6	28.5	42.7





#57

1,3-Dichloropropane

Concen: 2.634 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

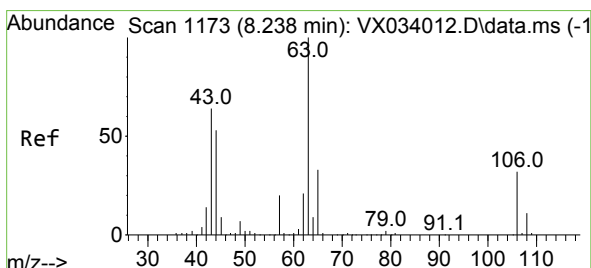
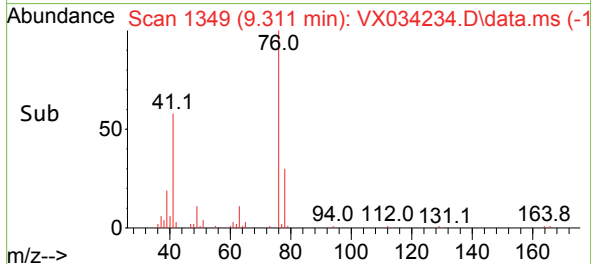
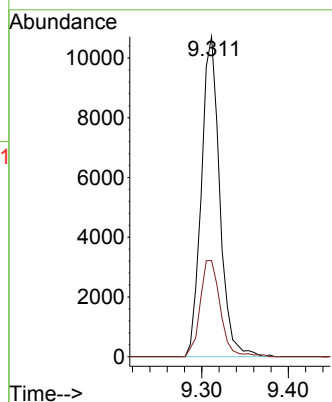
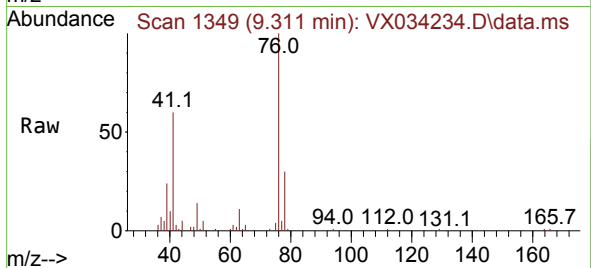
MDL-WATER-03-QT1-2023

Tgt Ion: 76 Resp: 15771

Ion Ratio Lower Upper

76 100

78 33.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 12.496 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034234.D

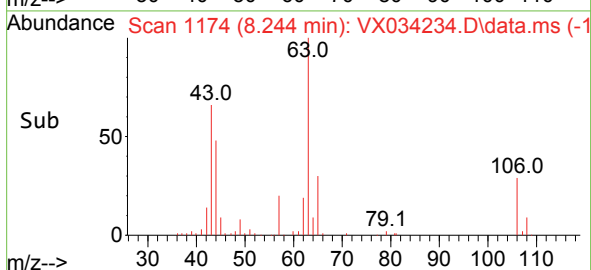
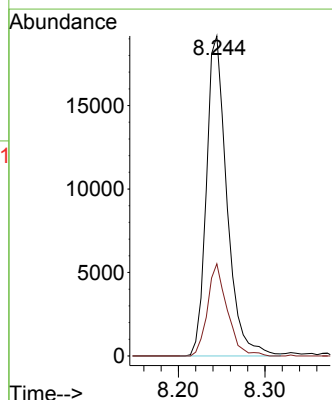
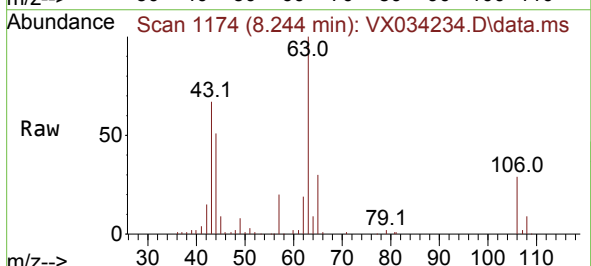
Acq: 22 Feb 2023 17:18

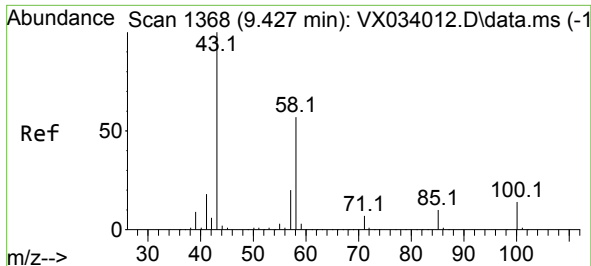
Tgt Ion: 63 Resp: 31515

Ion Ratio Lower Upper

63 100

106 27.8 24.5 36.7

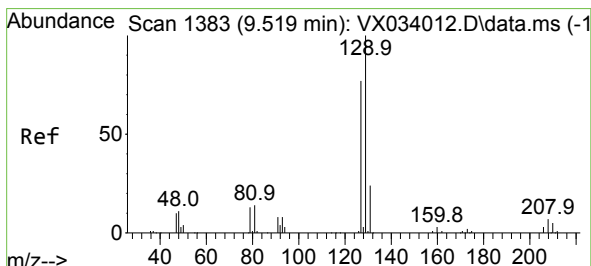
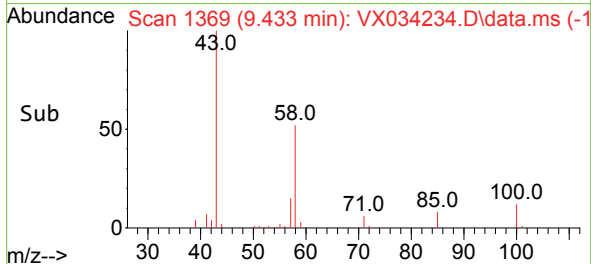
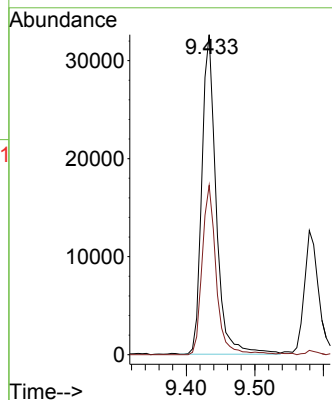
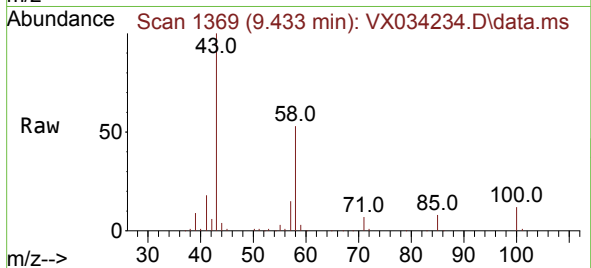




#59
2-Hexanone
Concen: 12.084 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

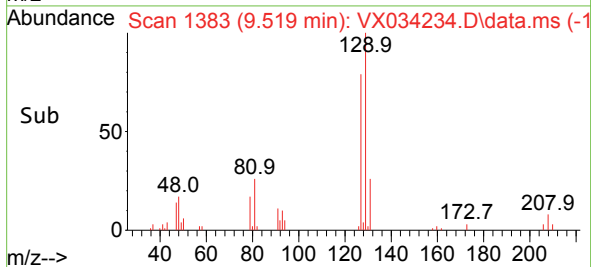
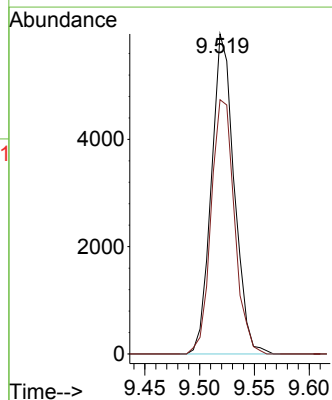
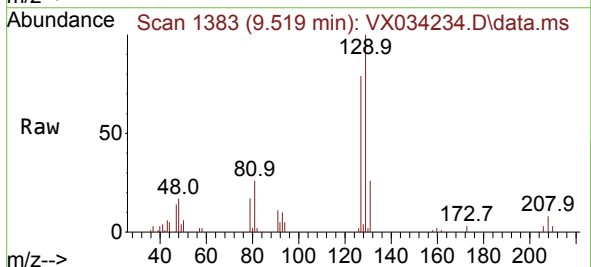
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

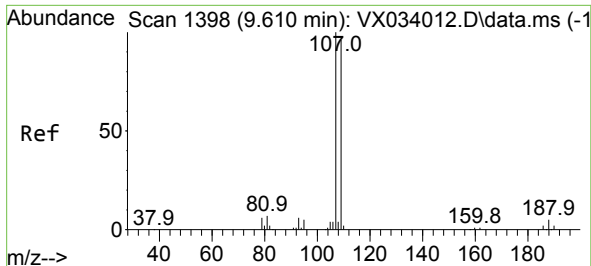
Tgt Ion: 43 Resp: 47449
Ion Ratio Lower Upper
43 100
58 52.2 27.4 82.0



#60
Dibromochloromethane
Concen: 2.271 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 129 Resp: 8637
Ion Ratio Lower Upper
129 100
127 81.2 38.8 116.3

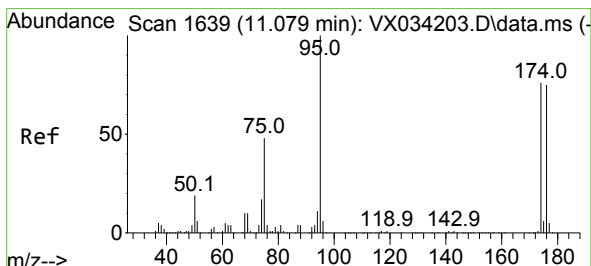
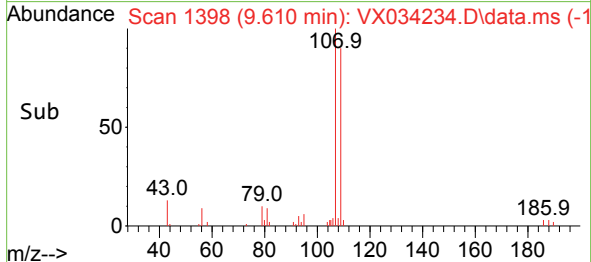
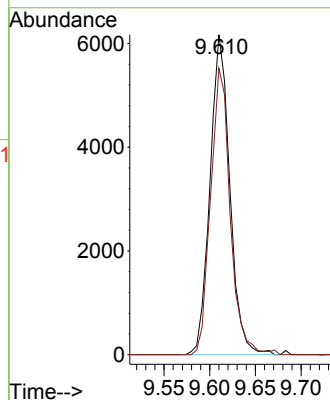
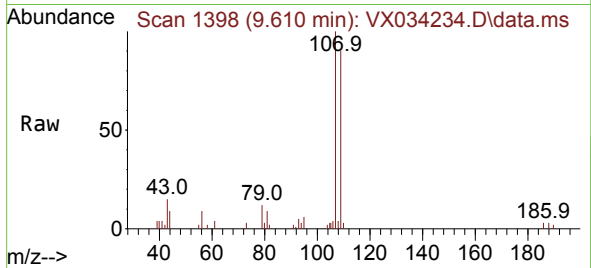




#61
1,2-Dibromoethane
Concen: 2.547 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

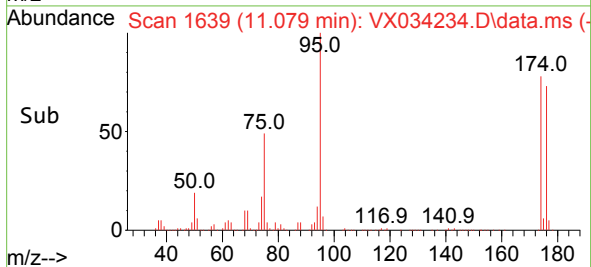
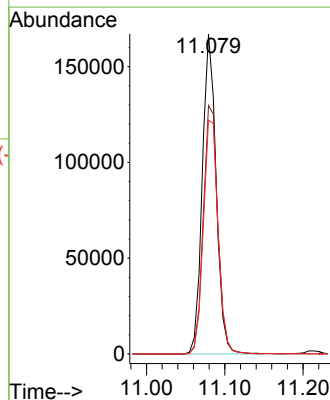
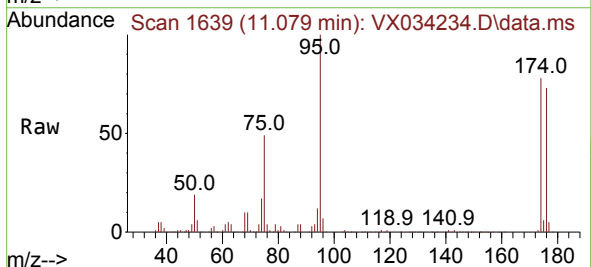
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2023

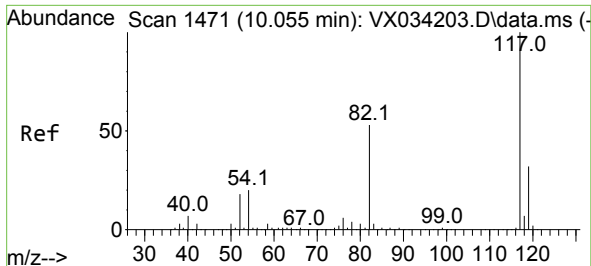
Tgt Ion:107 Resp: 9272
Ion Ratio Lower Upper
107 100
109 88.7 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 46.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 95 Resp: 204465
Ion Ratio Lower Upper
95 100
174 82.1 0.0 184.4
176 78.1 0.0 178.8

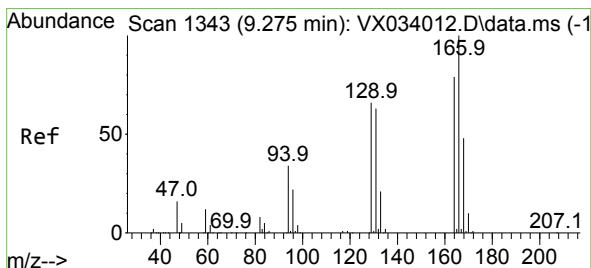
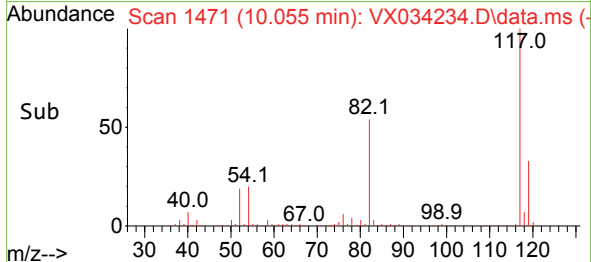
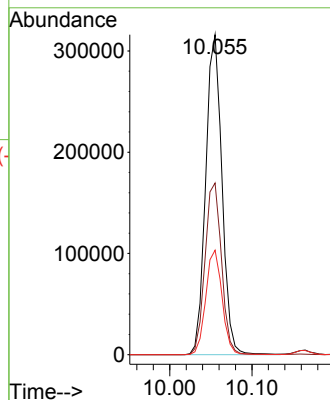
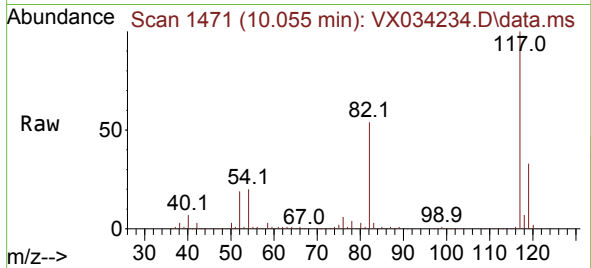




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

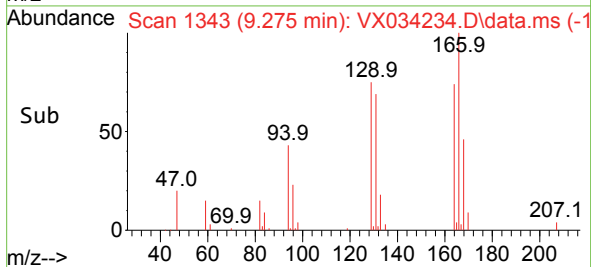
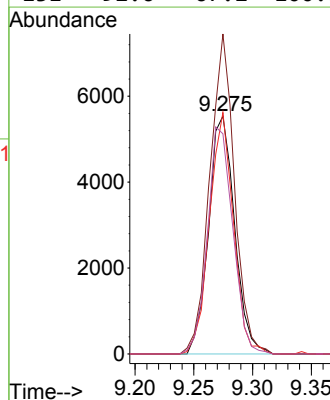
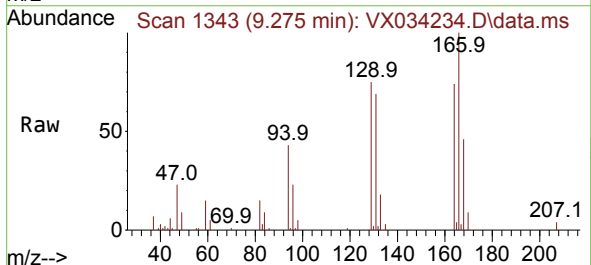
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

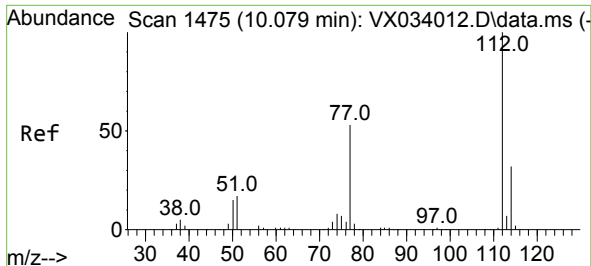
Tgt Ion:117 Resp: 435108
Ion Ratio Lower Upper
117 100
82 53.7 40.6 60.8
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 2.772 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion:164 Resp: 8514
Ion Ratio Lower Upper
164 100
166 134.5 100.2 150.2
129 101.5 69.2 103.8
131 92.6 67.2 100.8

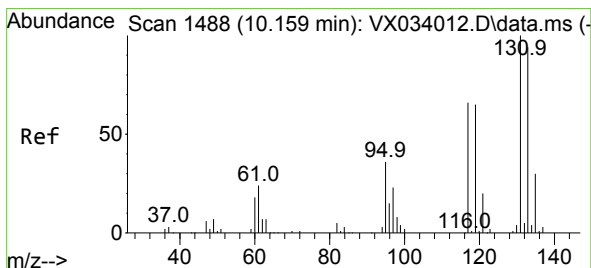
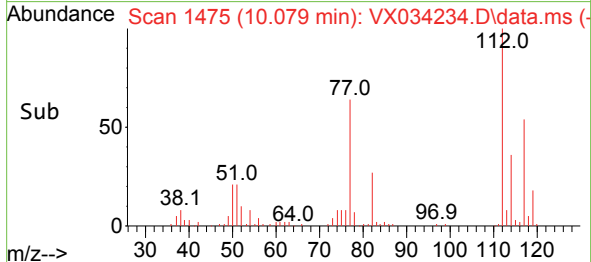
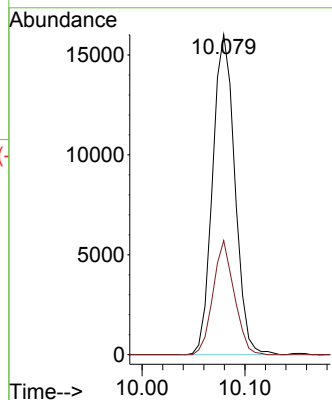
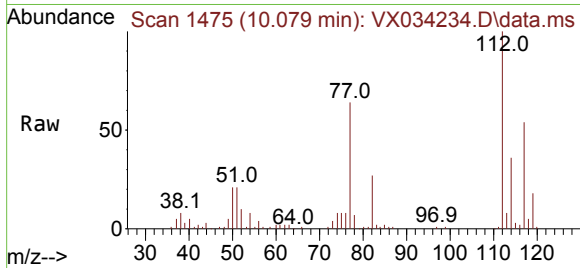




#65
Chlorobenzene
Concen: 2.657 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

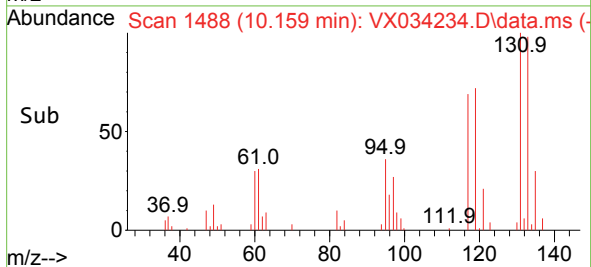
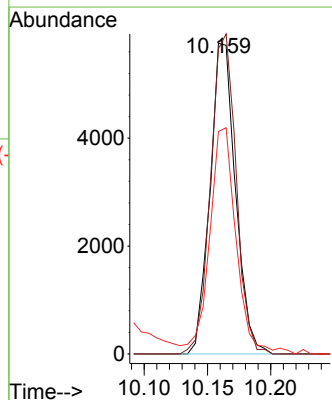
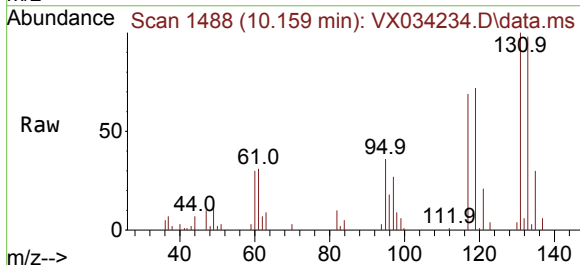
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

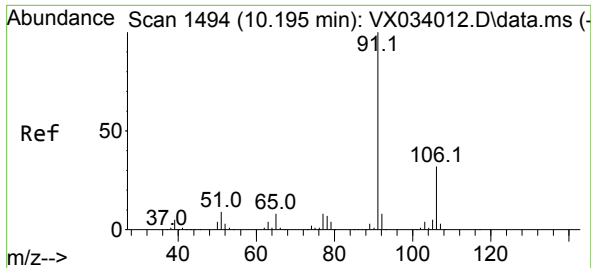
Tgt Ion:112 Resp: 24096
Ion Ratio Lower Upper
112 100
114 35.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.305 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion:131 Resp: 8093
Ion Ratio Lower Upper
131 100
133 102.6 48.4 145.0
119 75.5 31.9 95.7

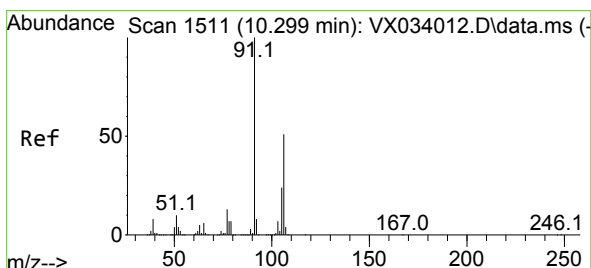
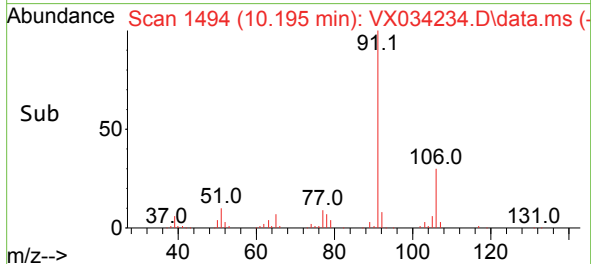
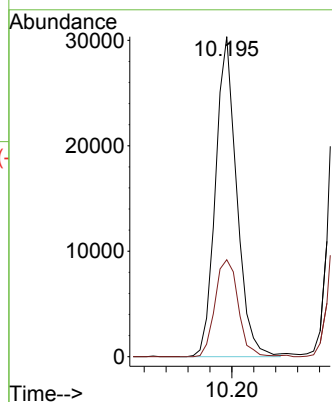
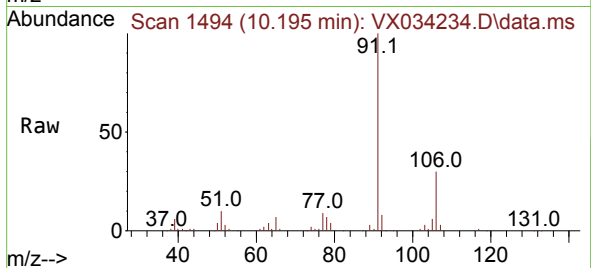




#67
Ethyl Benzene
Concen: 2.501 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

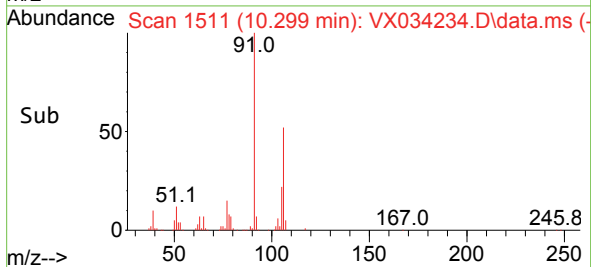
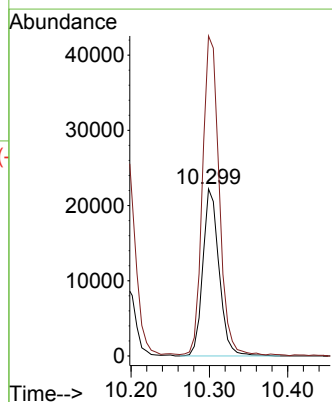
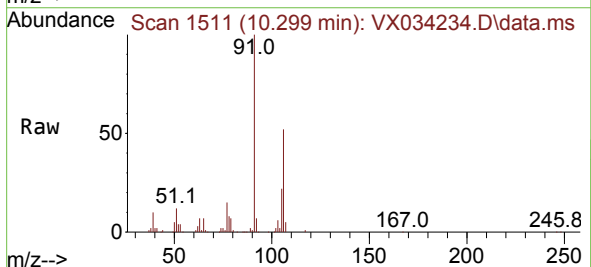
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

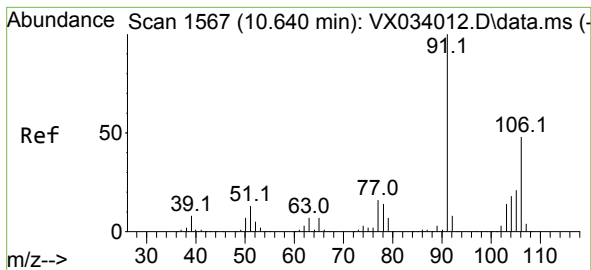
Tgt Ion: 91 Resp: 40759
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.8



#68
m/p-Xylenes
Concen: 5.127 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 106 Resp: 31971
Ion Ratio Lower Upper
106 100
91 195.5 156.4 234.6





#69

o-Xylene

Concen: 2.535 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

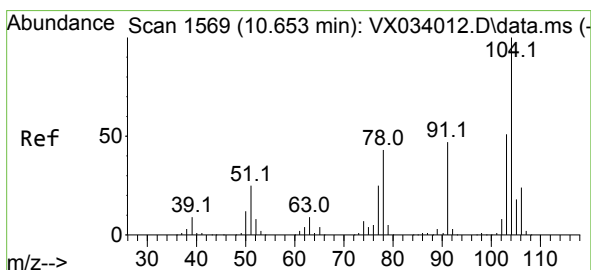
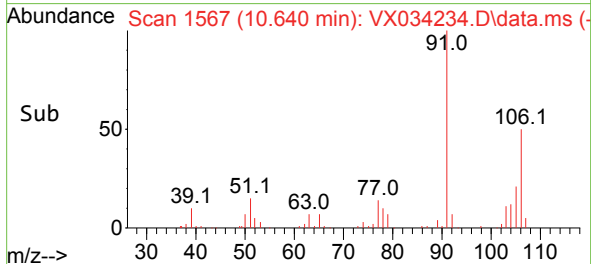
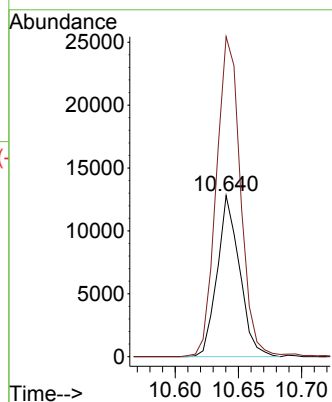
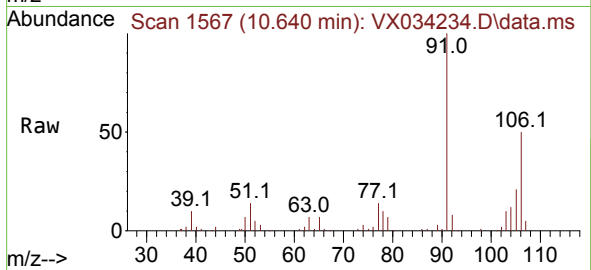
MDL-WATER-03-QT1-2023

Tgt Ion:106 Resp: 15734

Ion Ratio Lower Upper

106 100

91 215.6 103.1 309.3



#70

Styrene

Concen: 2.485 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

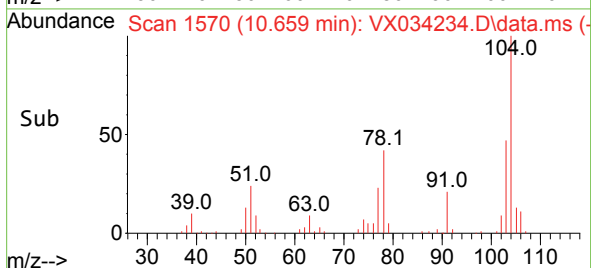
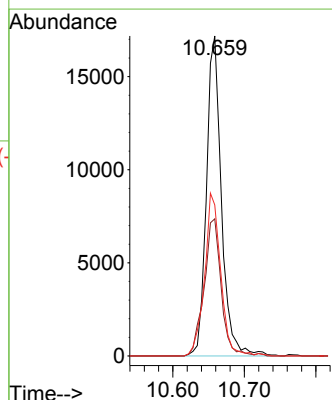
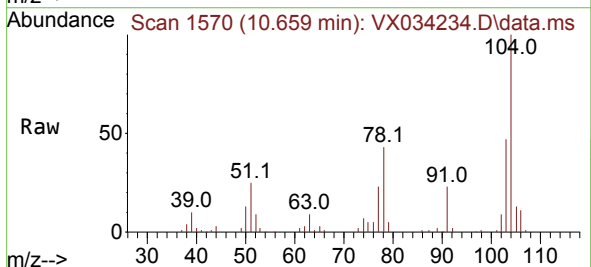
Tgt Ion:104 Resp: 25085

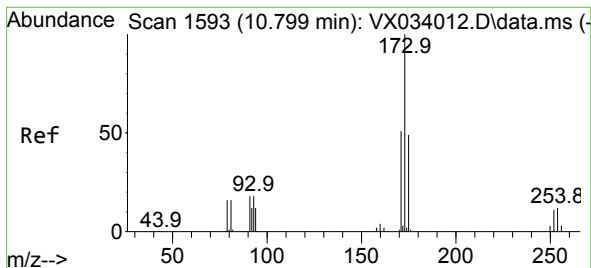
Ion Ratio Lower Upper

104 100

78 48.6 37.5 56.3

103 54.9 43.3 64.9





#71

Bromoform

Concen: 2.194 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

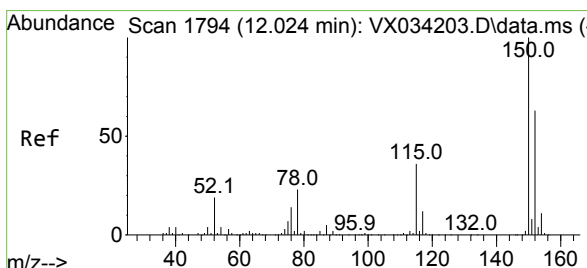
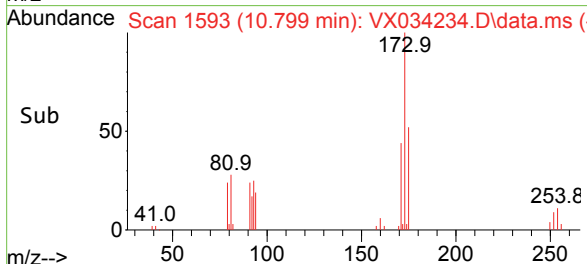
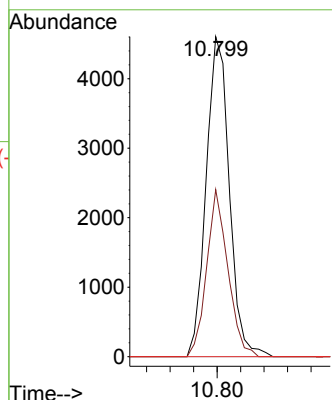
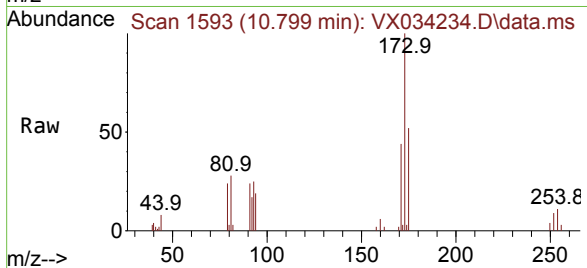
Tgt Ion:173 Resp: 6288

Ion Ratio Lower Upper

173 100

175 47.9 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: VX034234.D

Acq: 22 Feb 2023 17:18

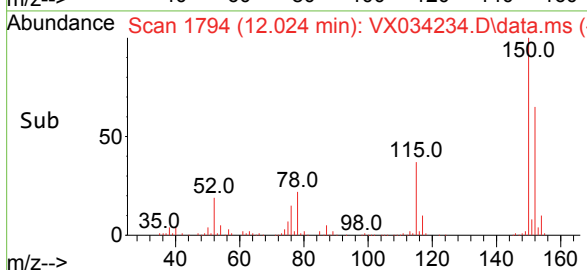
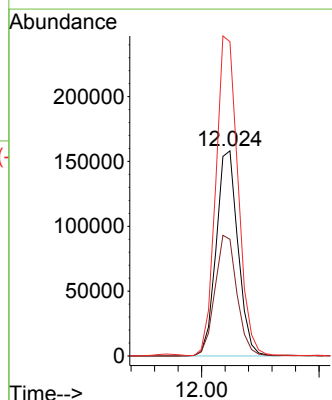
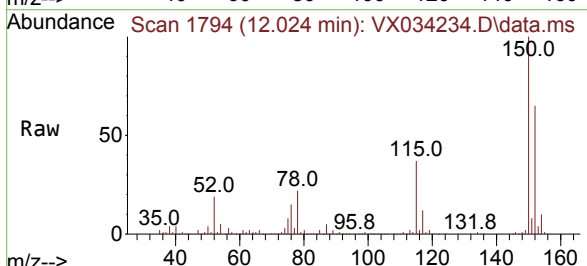
Tgt Ion:152 Resp: 203916

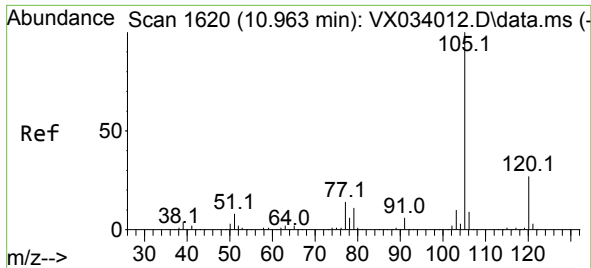
Ion Ratio Lower Upper

152 100

115 59.6 38.7 116.1

150 158.9 0.0 348.2

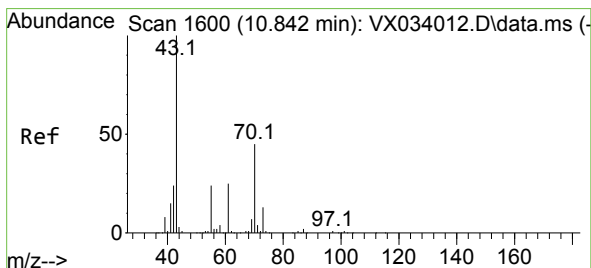
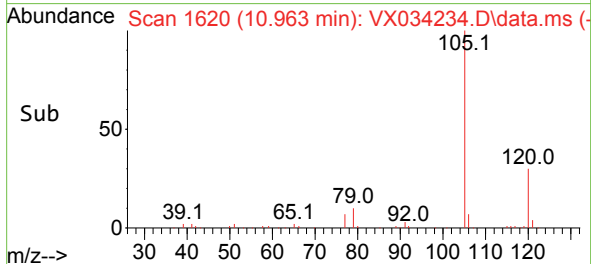
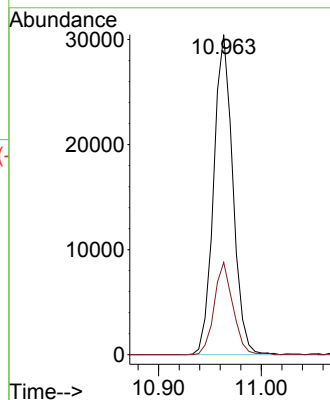
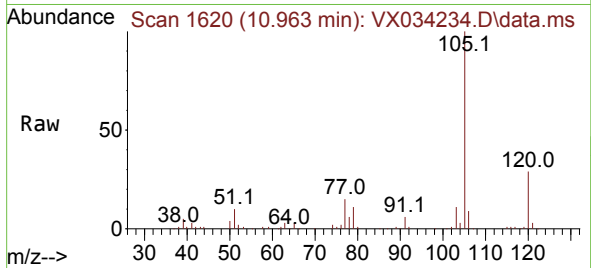




#73
Isopropylbenzene
Concen: 2.529 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

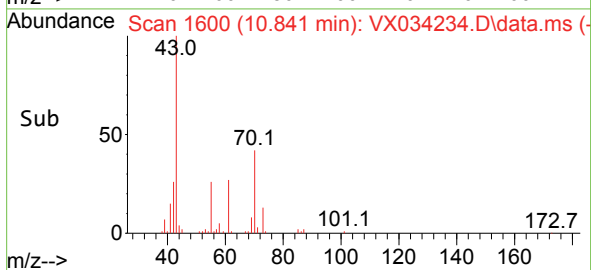
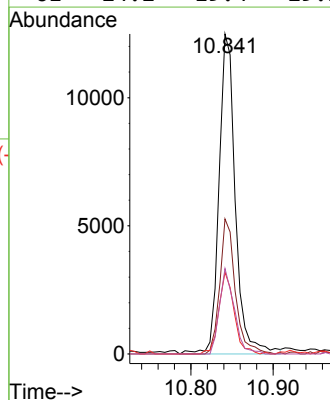
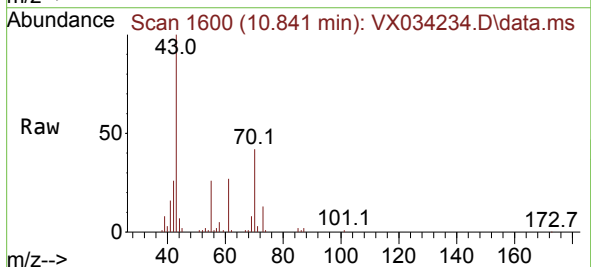
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

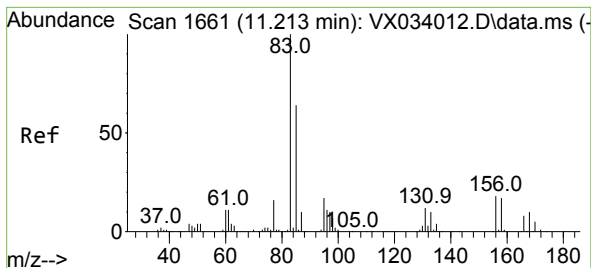
Tgt Ion:105 Resp: 39310
Ion Ratio Lower Upper
105 100
120 28.2 13.6 40.8



#74
N-ethyl acetate
Concen: 2.206 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 43 Resp: 17225
Ion Ratio Lower Upper
43 100
70 40.2 34.8 52.2
55 24.0 19.4 29.0
61 24.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.530 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

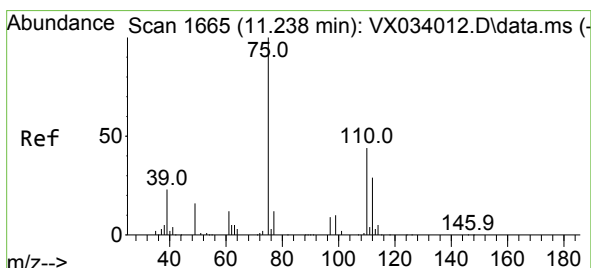
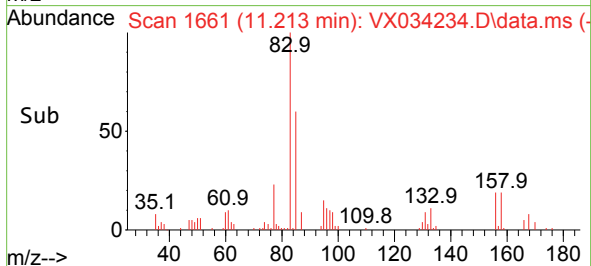
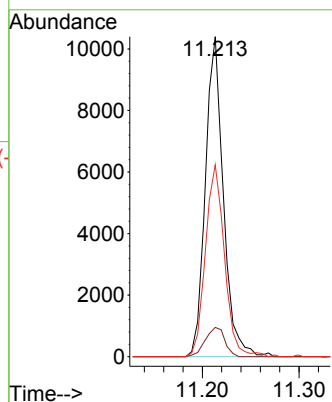
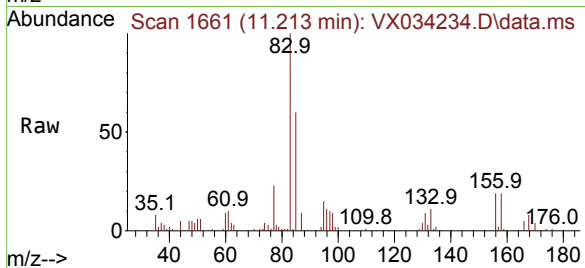
Tgt Ion: 83 Resp: 13446

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.7

85 63.6 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 2.613 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX034234.D

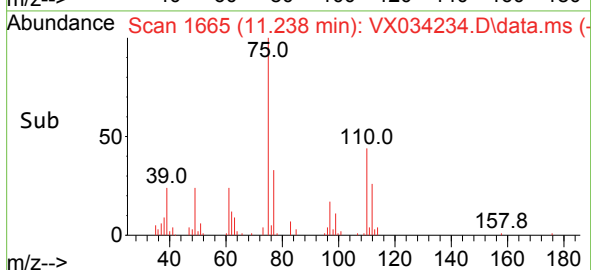
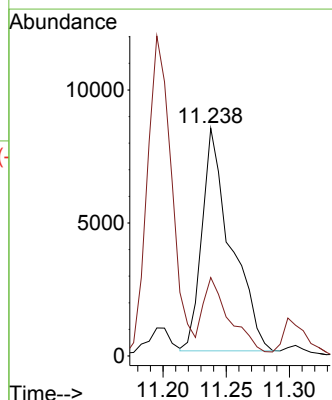
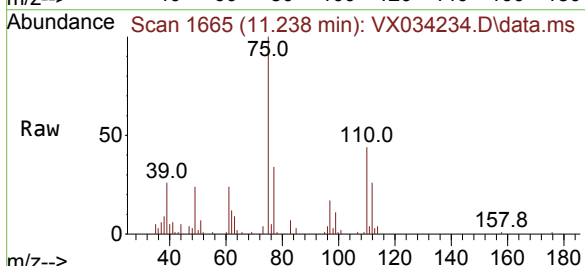
Acq: 22 Feb 2023 17:18

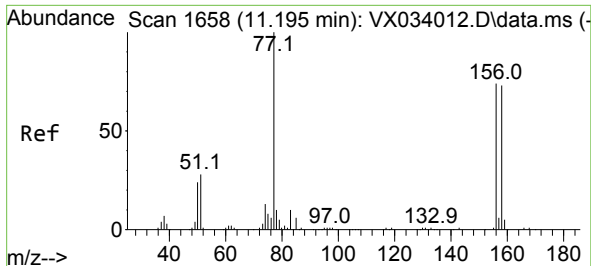
Tgt Ion: 75 Resp: 13410

Ion Ratio Lower Upper

75 100

77 33.6 21.8 65.4

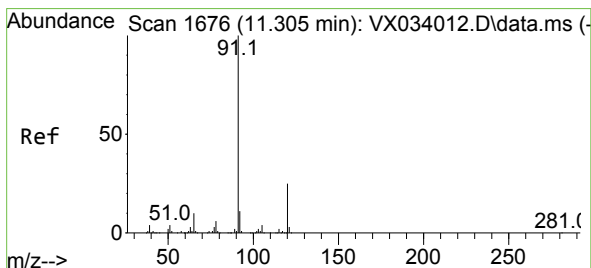
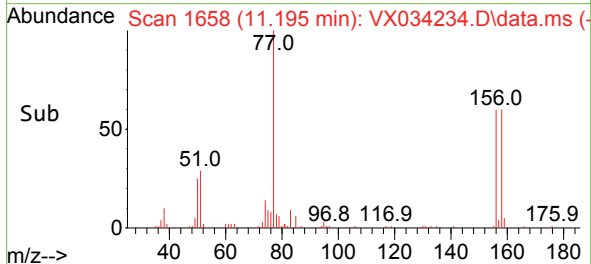
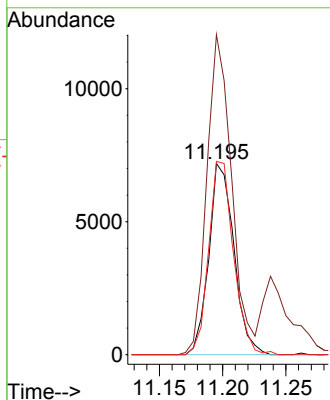
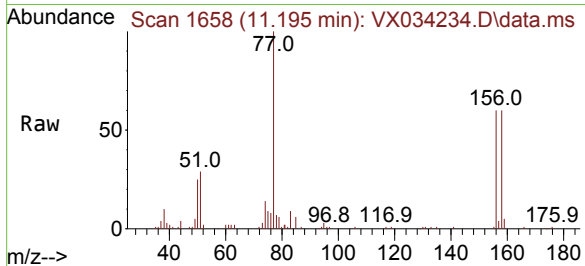




#77
Bromobenzene
Concen: 2.655 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

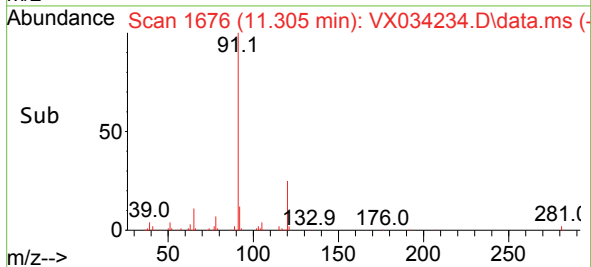
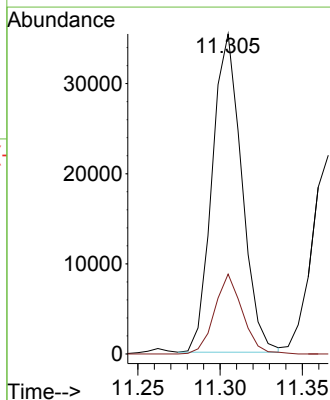
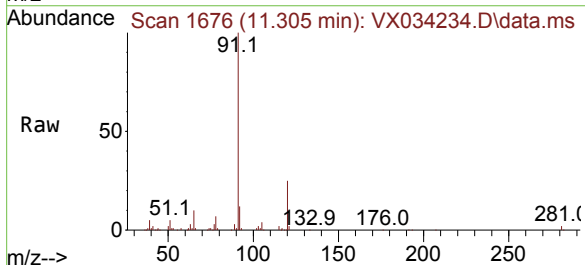
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

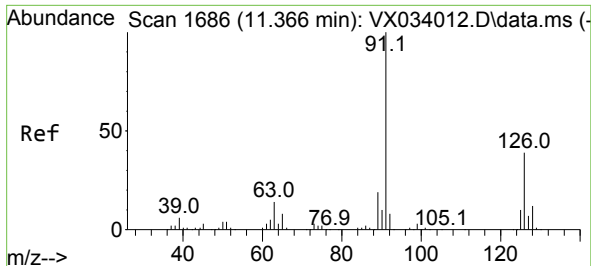
Tgt Ion:156 Resp: 9928
Ion Ratio Lower Upper
156 100
77 164.9 68.1 204.3
158 100.1 48.0 144.2



#78
n-propylbenzene
Concen: 2.449 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 91 Resp: 44273
Ion Ratio Lower Upper
91 100
120 23.5 12.3 36.8





#79

2-Chlorotoluene

Concen: 2.501 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

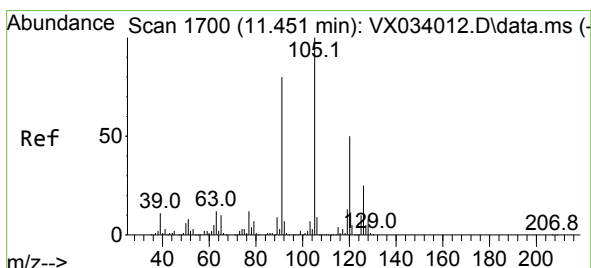
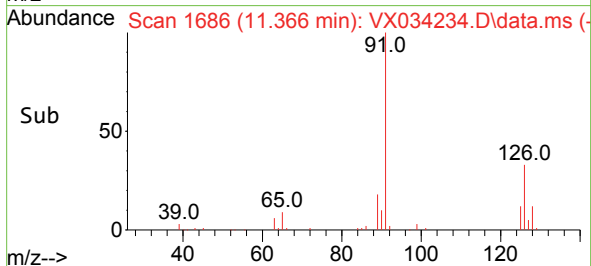
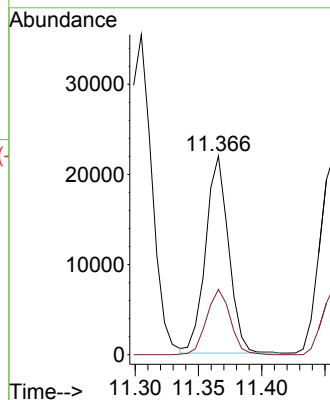
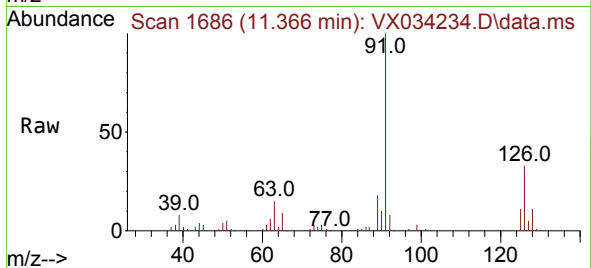
MDL-WATER-03-QT1-2023

Tgt Ion: 91 Resp: 27723

Ion Ratio Lower Upper

91 100

126 34.2 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 2.531 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034234.D

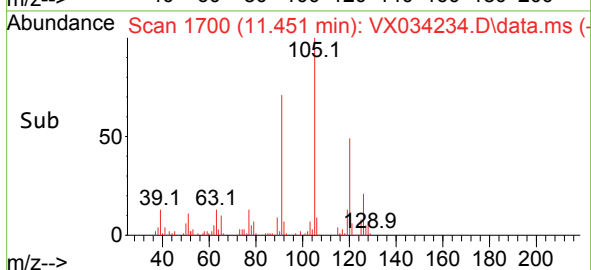
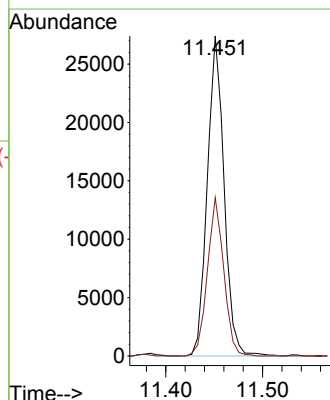
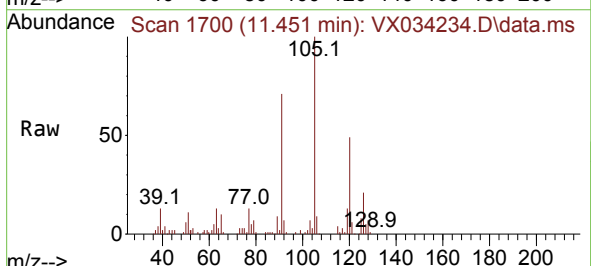
Acq: 22 Feb 2023 17:18

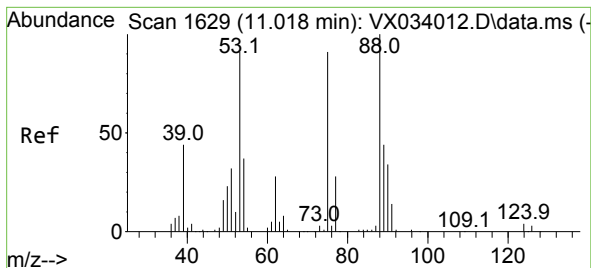
Tgt Ion: 105 Resp: 33074

Ion Ratio Lower Upper

105 100

120 48.4 25.6 76.8

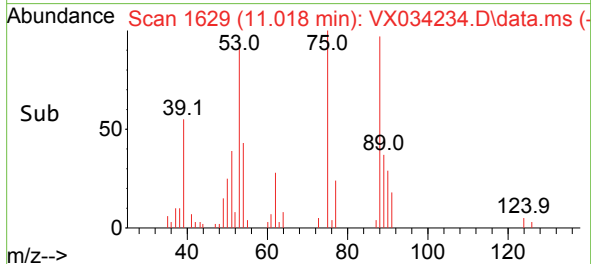
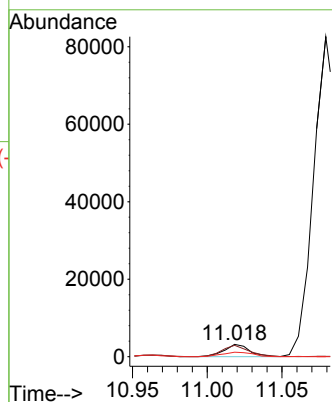
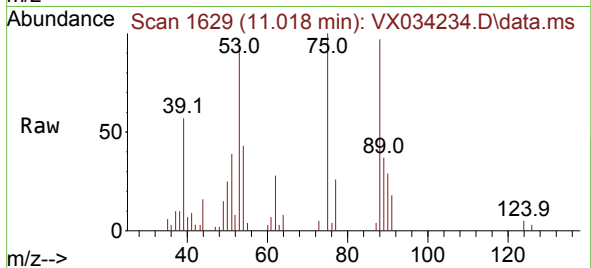




#81
trans-1,4-Dichloro-2-butene
Concen: 1.879 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

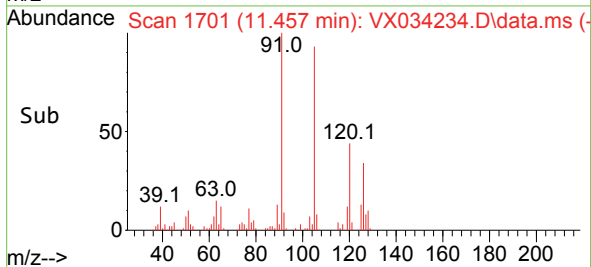
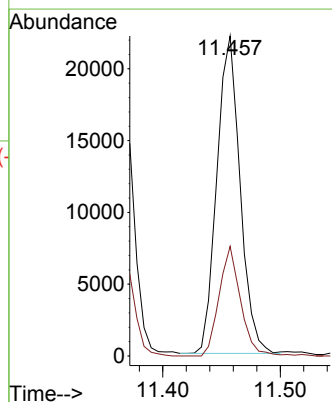
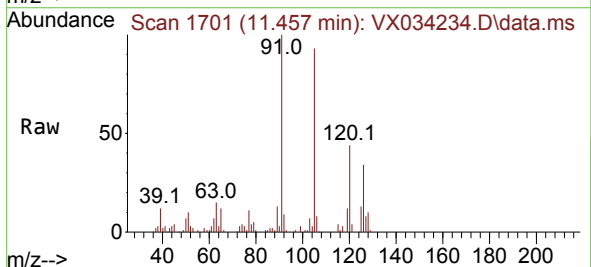
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion: 75 Resp: 3754
Ion Ratio Lower Upper
75 100
53 98.9 83.0 124.6
89 43.8 37.7 56.5



#82
4-Chlorotoluene
Concen: 2.411 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034234.D
Acq: 22 Feb 2023 17:18

Tgt Ion: 91 Resp: 30432
Ion Ratio Lower Upper
91 100
126 32.0 15.8 47.4





#83

tert-Butylbenzene

Concen: 2.528 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

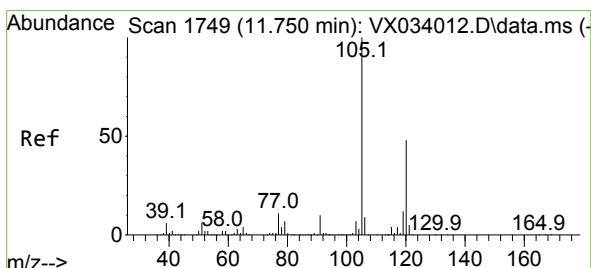
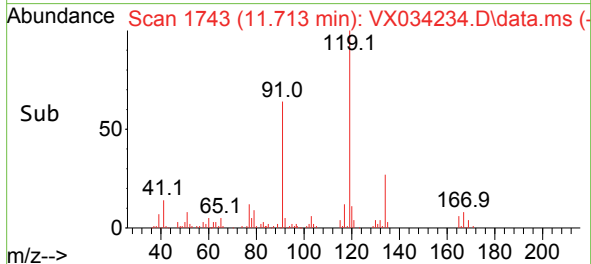
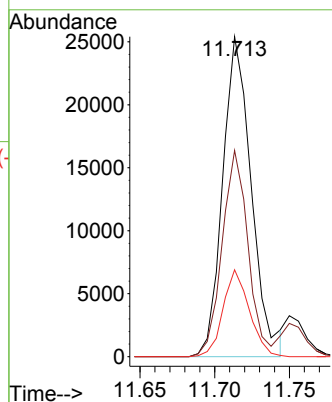
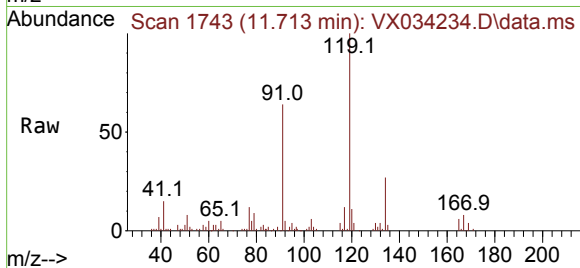
Tgt Ion:119 Resp: 33835

Ion Ratio Lower Upper

119 100

91 58.4 26.9 80.7

134 25.0 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 2.435 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034234.D

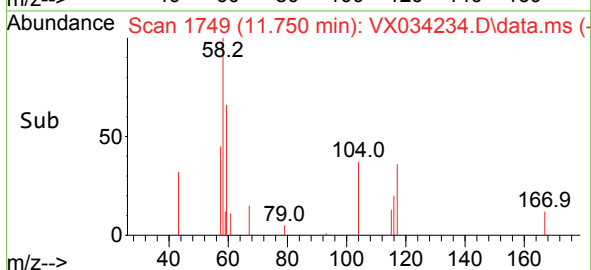
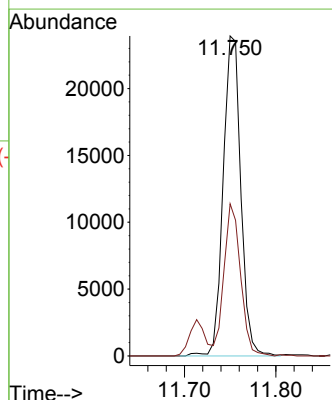
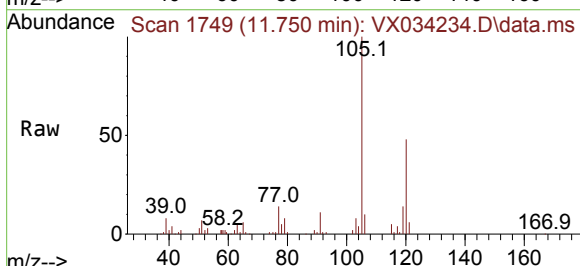
Acq: 22 Feb 2023 17:18

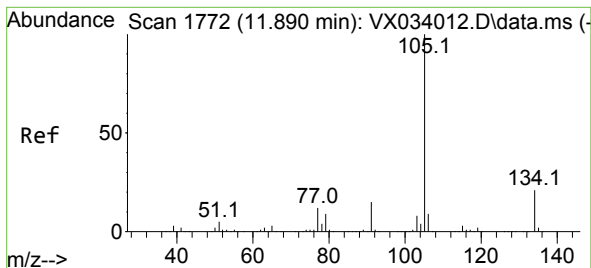
Tgt Ion:105 Resp: 32169

Ion Ratio Lower Upper

105 100

120 44.5 23.4 70.2





#85

sec-Butylbenzene

Concen: 2.491 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

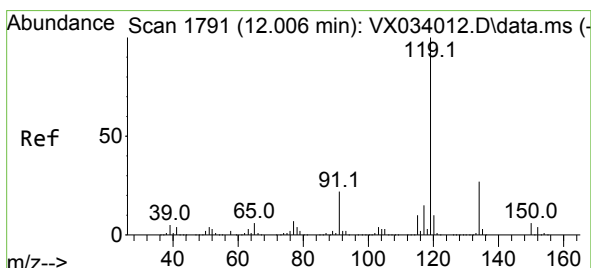
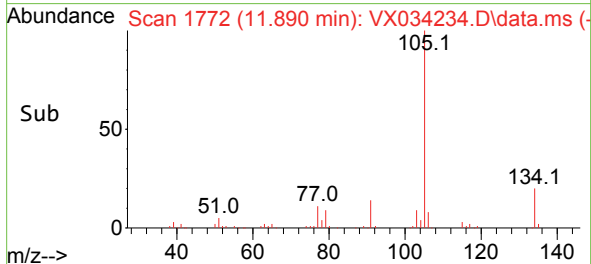
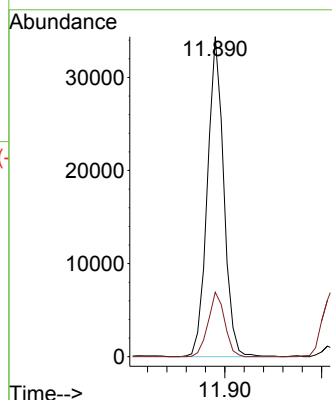
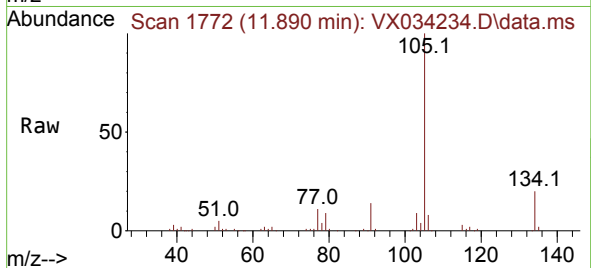
MDL-WATER-03-QT1-2023

Tgt Ion:105 Resp: 40476

Ion Ratio Lower Upper

105 100

134 20.4 10.8 32.3



#86

p-Isopropyltoluene

Concen: 2.431 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

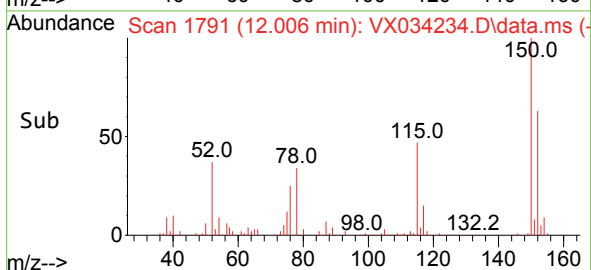
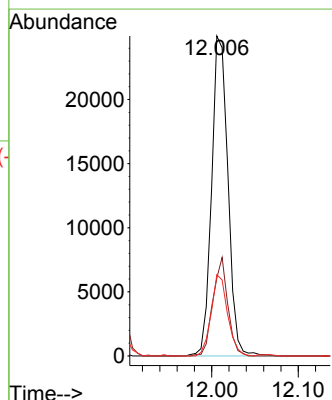
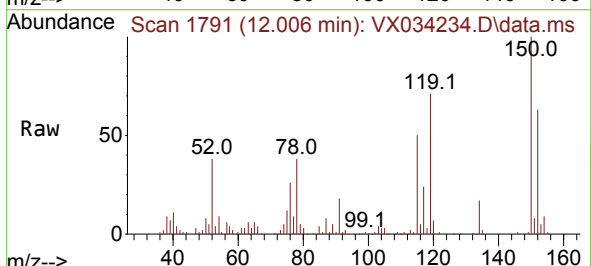
Tgt Ion:119 Resp: 32691

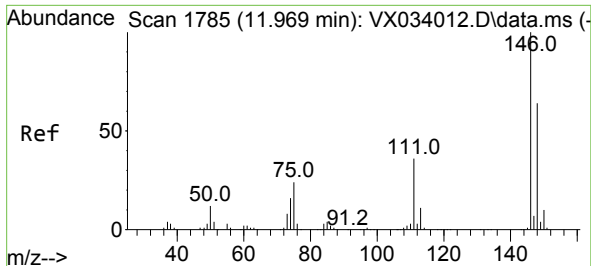
Ion Ratio Lower Upper

119 100

134 28.1 13.6 40.8

91 25.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 2.716 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

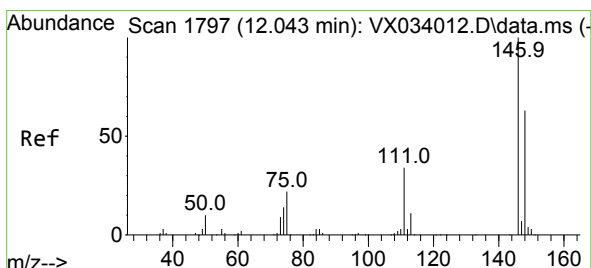
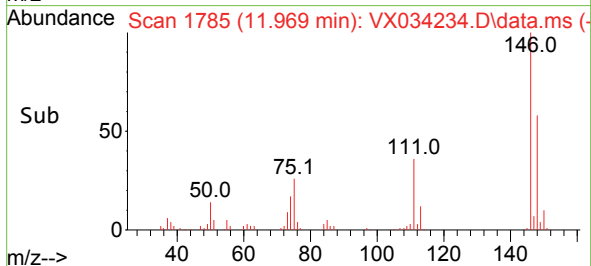
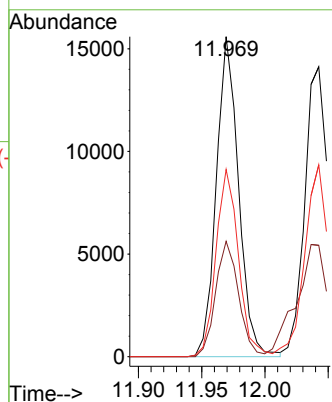
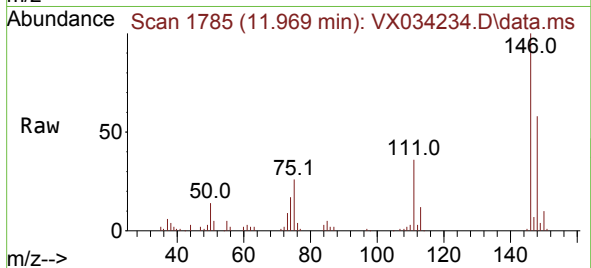
Tgt Ion:146 Resp: 19052

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.6

148 59.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 2.659 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

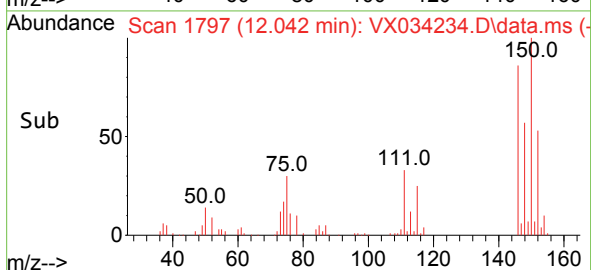
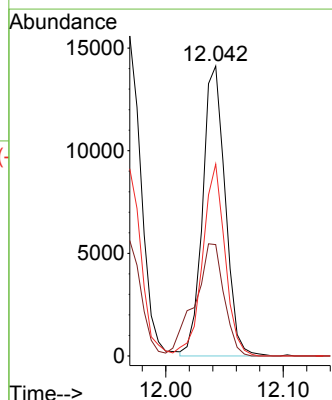
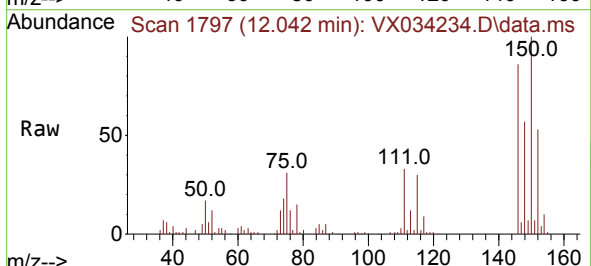
Tgt Ion:146 Resp: 18811

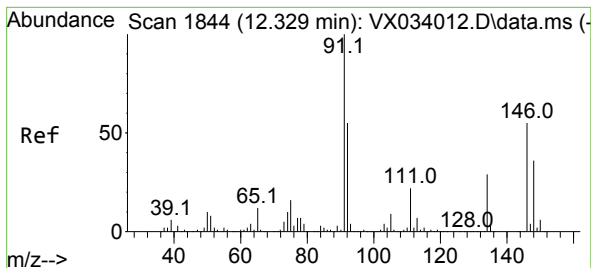
Ion Ratio Lower Upper

146 100

111 50.2 17.8 53.4

148 65.8 32.1 96.3





#89

n-Butylbenzene

Concen: 2.214 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

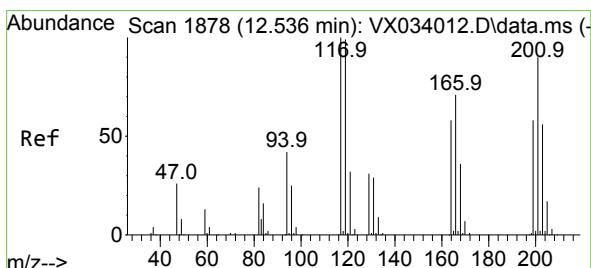
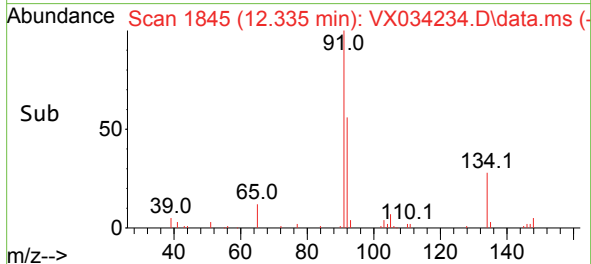
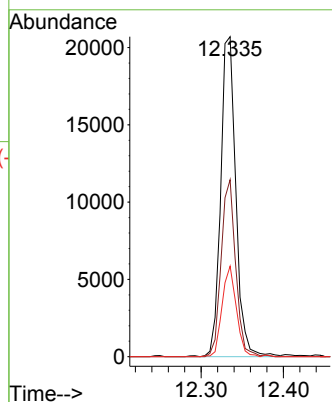
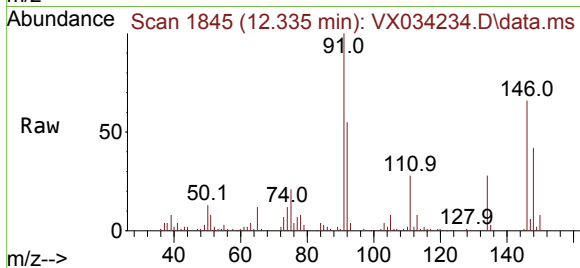
Tgt Ion: 91 Resp: 26519

Ion Ratio Lower Upper

91 100

92 53.0 27.5 82.5

134 26.6 14.3 42.9



#90

Hexachloroethane

Concen: 2.102 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034234.D

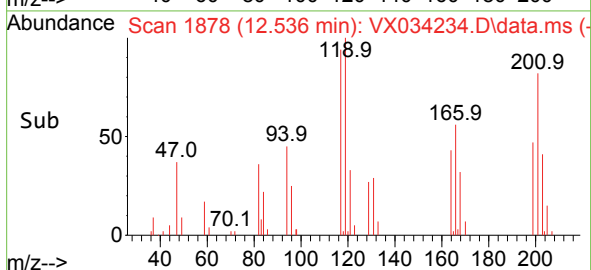
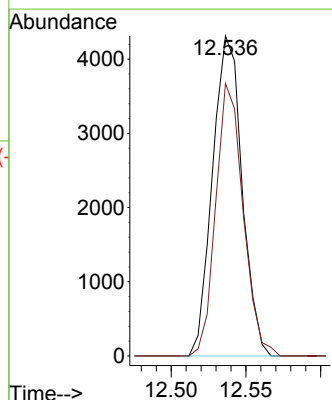
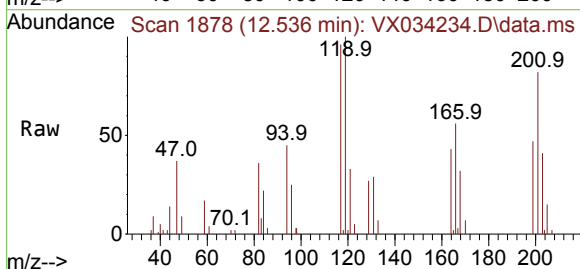
Acq: 22 Feb 2023 17:18

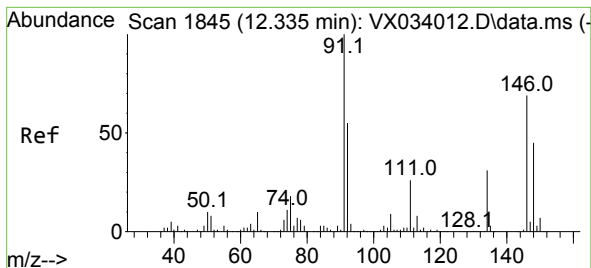
Tgt Ion: 117 Resp: 5911

Ion Ratio Lower Upper

117 100

201 78.9 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 2.628 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

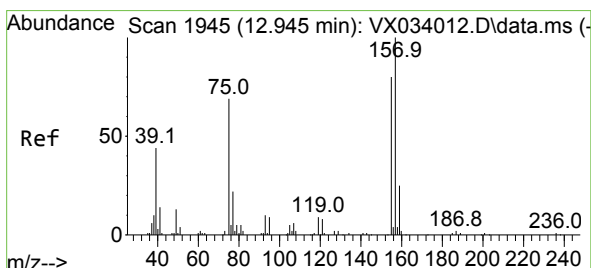
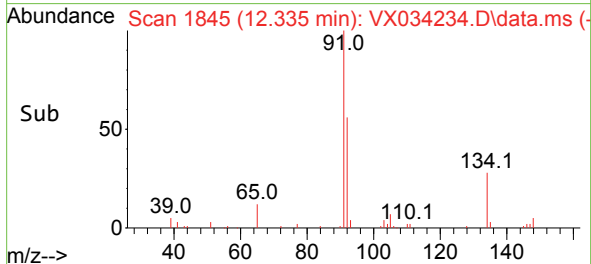
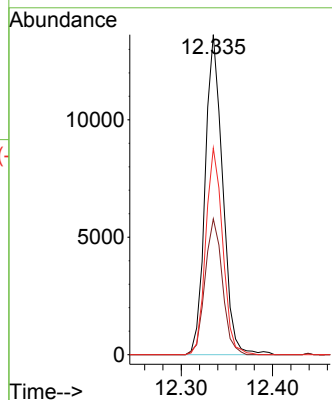
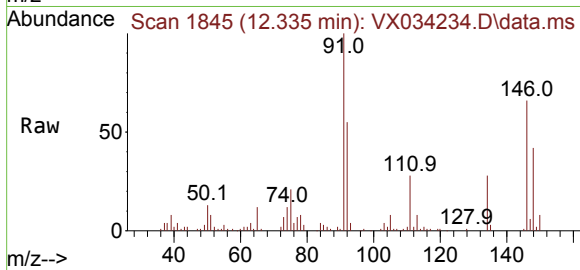
Tgt Ion:146 Resp: 18032

Ion Ratio Lower Upper

146 100

111 42.2 19.3 57.8

148 62.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.949 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

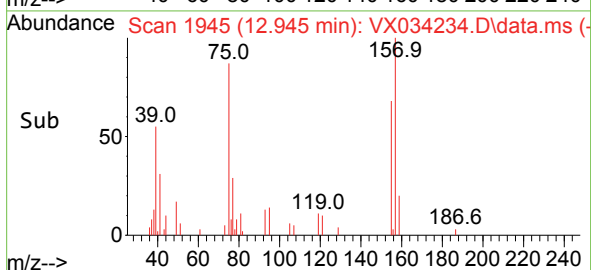
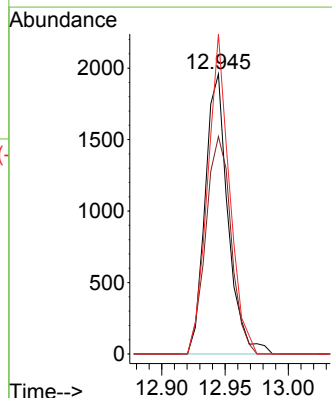
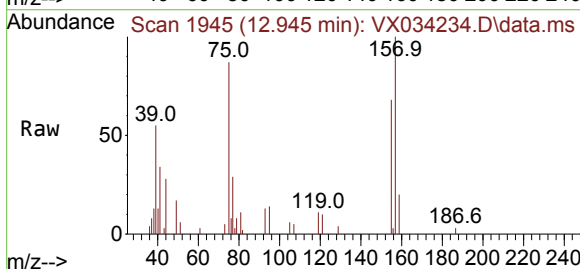
Tgt Ion: 75 Resp: 2470

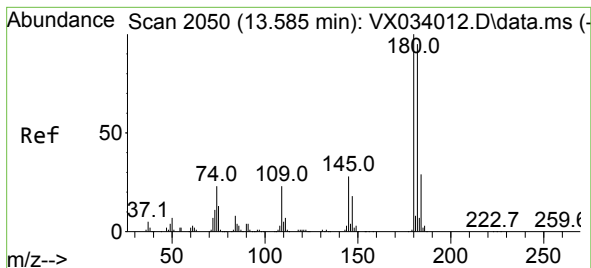
Ion Ratio Lower Upper

75 100

155 85.7 51.7 155.1

157 109.1 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 2.266 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

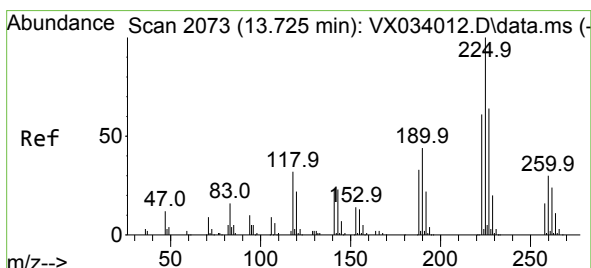
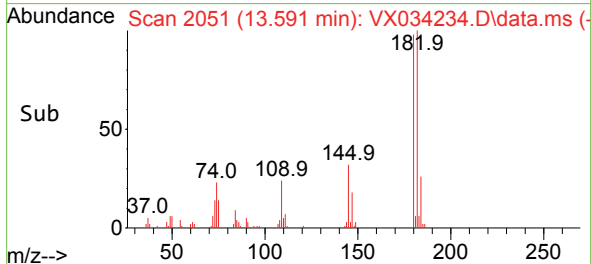
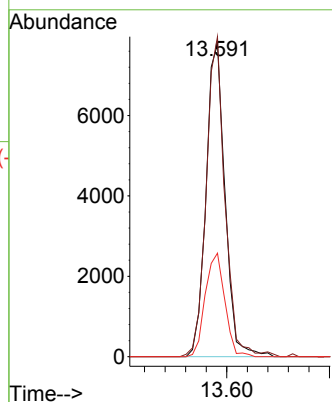
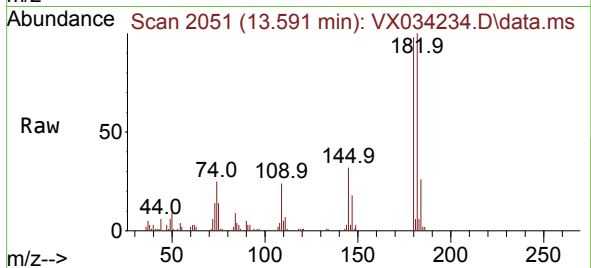
Tgt Ion:180 Resp: 9985

Ion Ratio Lower Upper

180 100

182 100.7 47.9 143.6

145 34.0 14.1 42.2



#94

Hexachlorobutadiene

Concen: 2.410 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

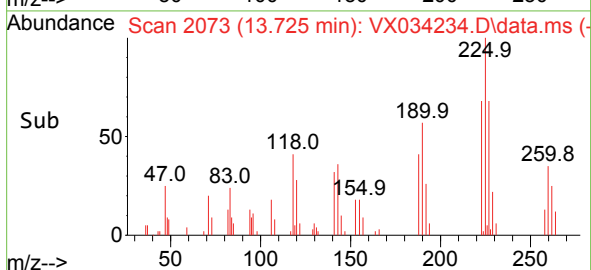
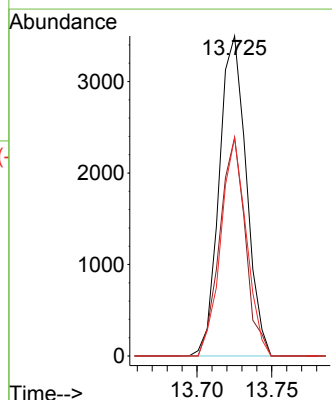
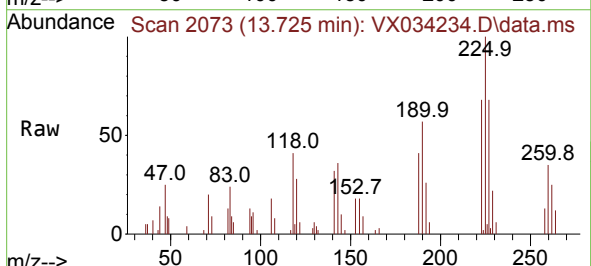
Tgt Ion:225 Resp: 4401

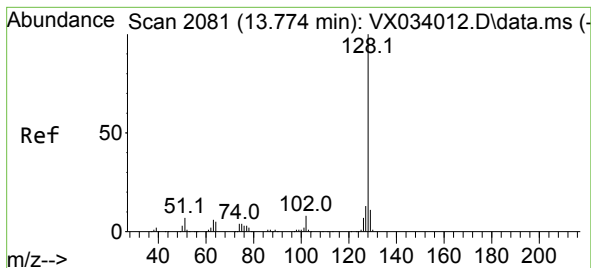
Ion Ratio Lower Upper

225 100

223 64.4 31.3 93.9

227 64.3 32.3 96.9





#95

Naphthalene

Concen: 2.375 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

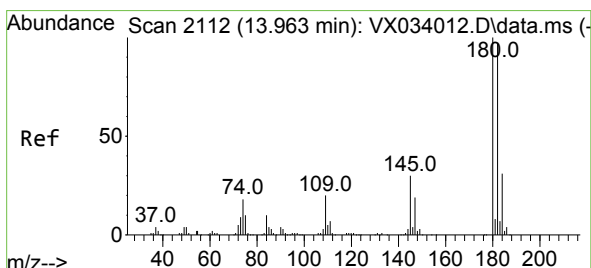
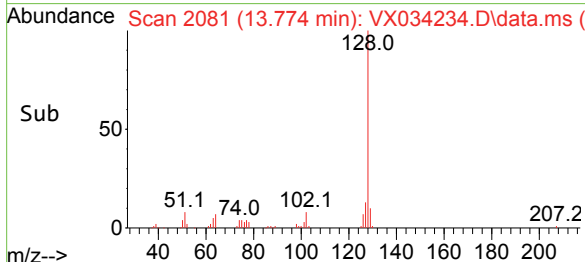
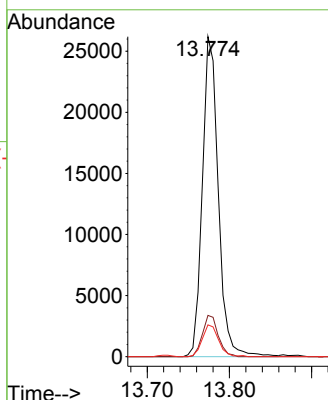
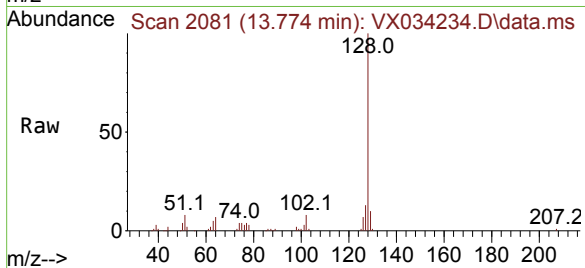
Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:	128	Resp:	35244
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.2	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.450 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034234.D

Acq: 22 Feb 2023 17:18

Tgt Ion:	180	Resp:	10716
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.9
145	32.7	15.1	45.3

