

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030777.D
 Acq On : 21 Apr 2023 20:43
 Operator : SY/MD
 Sample : 02215-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Quant Time: Apr 22 00:49:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	225217	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	219440	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	109780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	69422	42.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.100%
7) Chloroethane-d5	1.539	69	61250	44.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.540%
11) 1,1-Dichloroethene-d2	2.066	65	34533	44.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.220%
21) 2-Butanone-d5	3.802	46	77142	85.067	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.070%
24) Chloroform-d	4.259	84	129611	43.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.640%
26) 1,2-Dichloroethane-d4	4.950	65	91772	47.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
32) Benzene-d6	4.970	84	237169	45.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.420%
36) 1,2-Dichloropropane-d6	5.998	67	72246	44.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.660%
41) Toluene-d8	7.249	98	207728	42.644	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.280%
43) trans-1,3-Dichloroprop...	7.561	79	34344	42.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.560%
47) 2-Hexanone-d5	8.034	63	51141	80.554	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.550%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	98652	42.186	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.380%
66) 1,2-Dichlorobenzene-d4	11.571	152	87137	49.938	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	4710	2.432	ug/L	98
3) Chloromethane	1.220	50	7261	2.859	ug/L	98
5) Vinyl chloride	1.288	62	5365	2.620	ug/L #	75
6) Bromomethane	1.494	94	2217	2.730	ug/L	89
8) Chloroethane	1.555	64	3471	2.471	ug/L	99
9) Trichlorofluoromethane	1.719	101	8869	2.672	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	5361	3.073	ug/L #	87
12) 1,1-Dichloroethene	2.076	96	4923	3.122	ug/L #	1
13) Acetone	2.127	43	5019	3.577	ug/L	91
14) Carbon disulfide	2.246	76	9325	2.094	ug/L	99
16) Methylene chloride	2.455	84	5320	2.948	ug/L	95
17) trans-1,2-Dichloroethene	2.706	96	3768	2.367	ug/L	87
18) Methyl tert-butyl Ether	2.712	73	12383	2.428	ug/L #	85
19) 1,1-Dichloroethane	3.124	63	7200	2.218	ug/L	89
20) cis-1,2-Dichloroethene	3.828	96	4151	2.397	ug/L	94
23) Bromochloromethane	4.159	128	1398	1.445	ug/L #	75
25) Chloroform	4.288	83	9216	2.743	ug/L	93
27) 1,2-Dichloroethane	5.060	62	7193	2.529	ug/L #	93
29) Cyclohexane	4.597	56	5845	2.220	ug/L	96

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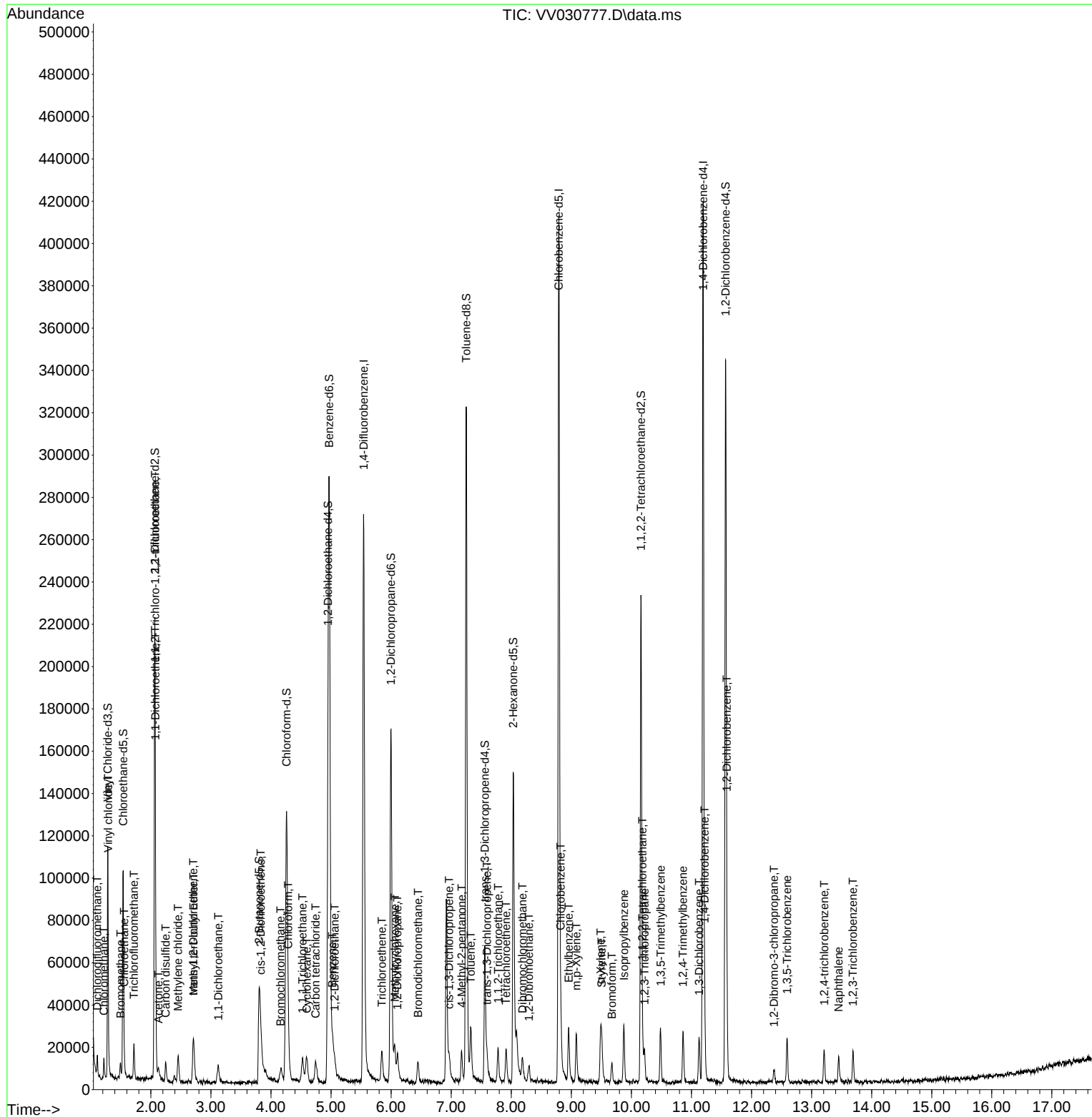
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.526	97	7491	2.429	ug/L	92
31) Carbon tetrachloride	4.744	117	6717	2.436	ug/L	96
33) Benzene	5.021	78	14272	2.142	ug/L	100
34) Trichloroethene	5.847	95	4427	2.554	ug/L	97
35) Methylcyclohexane	6.063	83	5636	2.075	ug/L	91
37) 1,2-Dichloropropane	6.105	63	3409	1.901	ug/L #	97
38) Bromodichloromethane	6.449	83	6418	2.547	ug/L #	91
39) cis-1,3-Dichloropropene	6.966	75	5217	1.938	ug/L	98
40) 4-Methyl-2-pentanone	7.175	43	9169	3.660	ug/L #	96
42) Toluene	7.326	91	16440	2.303	ug/L	99
44) trans-1,3-Dichloropropene	7.596	75	6353	2.402	ug/L	100
45) 1,1,2-Trichloroethane	7.780	97	4465	2.483	ug/L	95
46) Tetrachloroethene	7.915	164	3752	2.473	ug/L	91
49) Dibromochloromethane	8.188	129	4810	2.425	ug/L	97
50) 1,2-Dibromoethane	8.294	107	4258	2.285	ug/L #	98
51) Chlorobenzene	8.821	112	13297	2.813	ug/L	98
52) Ethylbenzene	8.957	91	17221	2.179	ug/L	98
53) m,p-Xylene	9.085	106	6325	2.119	ug/L	90
54) o-Xylene	9.487	106	6458	2.212	ug/L	81
55) Styrene	9.506	104	10131	1.975	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	7146	2.420	ug/L #	98
59) Bromoform	9.674	173	3765	2.739	ug/L #	91
60) Isopropylbenzene	9.876	105	15530	2.268	ug/L	93
61) 1,2,3-Trichloropropane	10.220	75	5129	2.609	ug/L	96
62) 1,3,5-Trimethylbenzene	10.487	105	12501	2.218	ug/L	91
63) 1,2,4-Trimethylbenzene	10.860	105	11970	2.127	ug/L	93
64) 1,3-Dichlorobenzene	11.130	146	8796	2.566	ug/L	98
65) 1,4-Dichlorobenzene	11.220	146	10472	2.897	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	10968	3.172	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	1795	3.081	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.590	180	5884	2.272	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	4544	2.067	ug/L	94
71) Naphthalene	13.451	128	9937	1.652	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	4338	1.990	ug/L	92

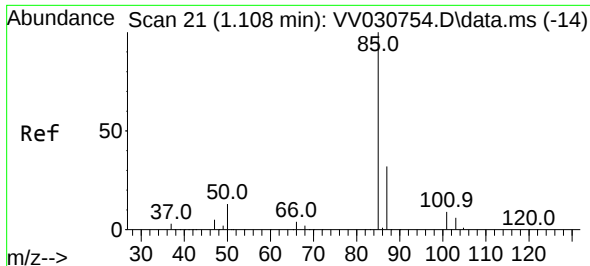
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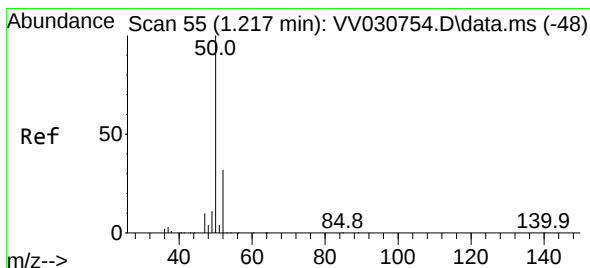
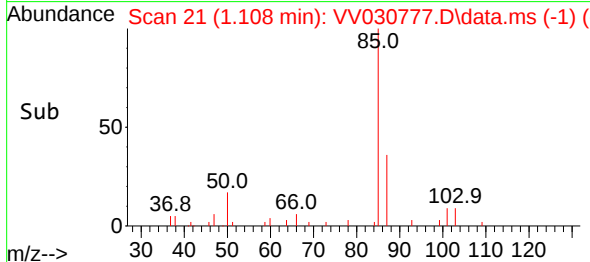
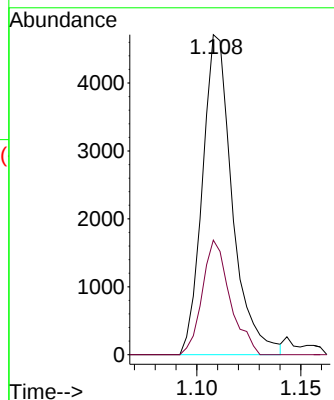
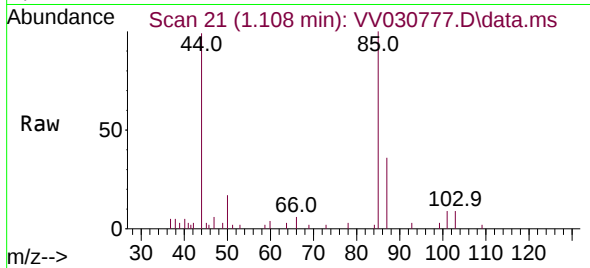




#2
 Dichlorodifluoromethane
 Concen: 2.432 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030777.D
 Acq: 21 Apr 2023 20:43

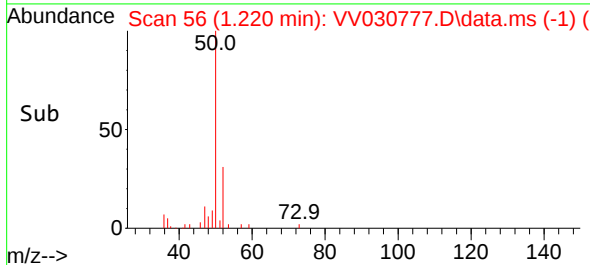
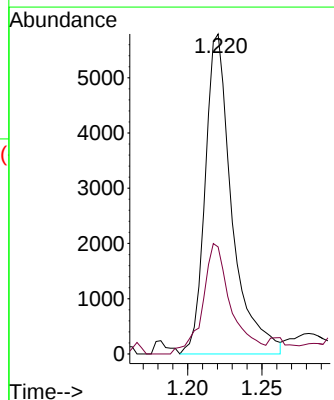
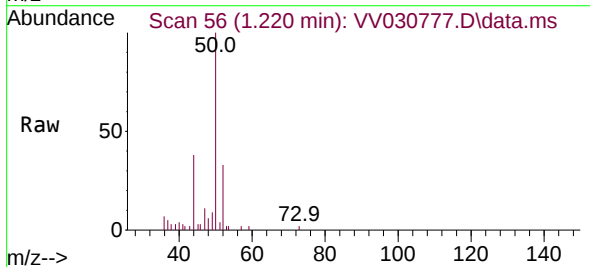
Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2023-04

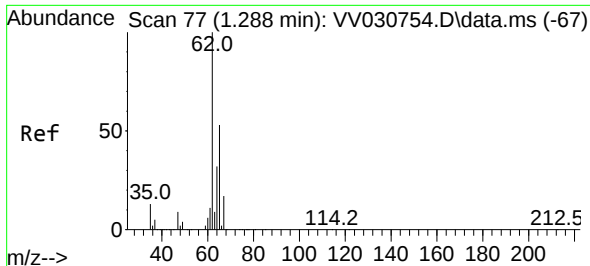
Tgt Ion: 85 Resp: 4710
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.6 38.4



#3
 Chloromethane
 Concen: 2.859 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VV030777.D
 Acq: 21 Apr 2023 20:43

Tgt Ion: 50 Resp: 7261
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.5 41.9

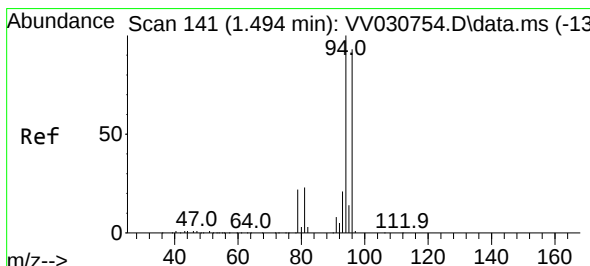
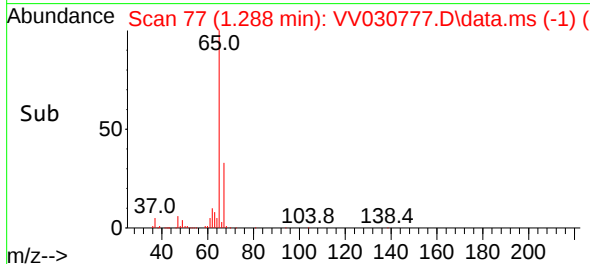
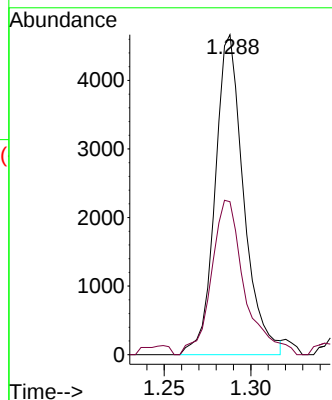
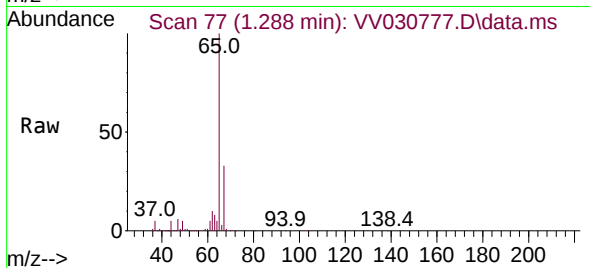




#5
 Vinyl chloride
 Concen: 2.620 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV030777.D
 Acq: 21 Apr 2023 20:43

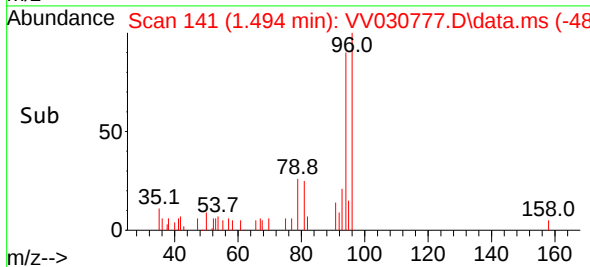
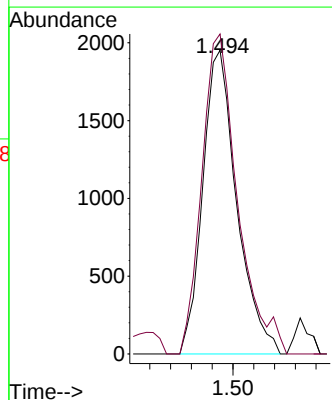
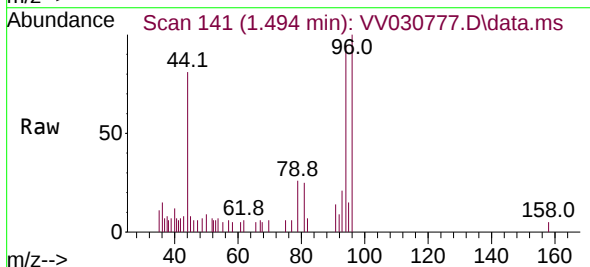
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 MDL-WATER-QT2-2023-04

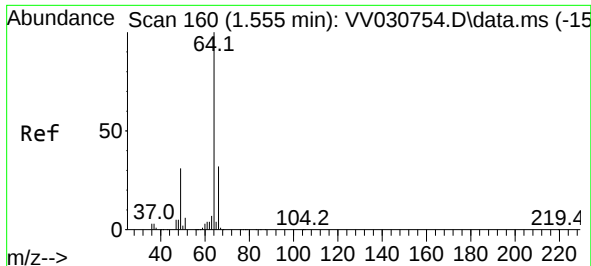
Tgt Ion: 62 Resp: 5365
 Ion Ratio Lower Upper
 62 100
 64 47.8 23.4 43.4#



#6
 Bromomethane
 Concen: 2.730 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VV030777.D
 Acq: 21 Apr 2023 20:43

Tgt Ion: 94 Resp: 2217
 Ion Ratio Lower Upper
 94 100
 96 105.4 66.3 123.1

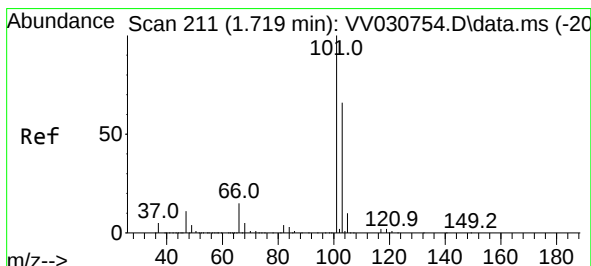
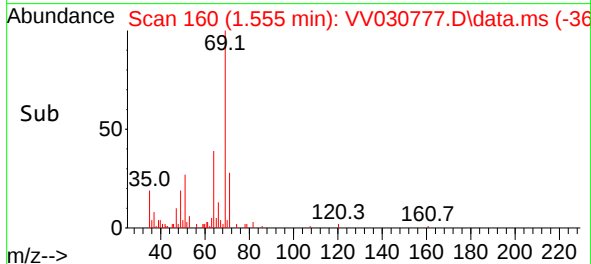
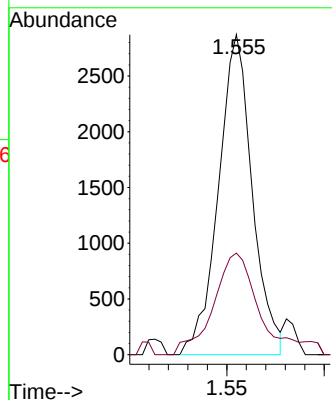
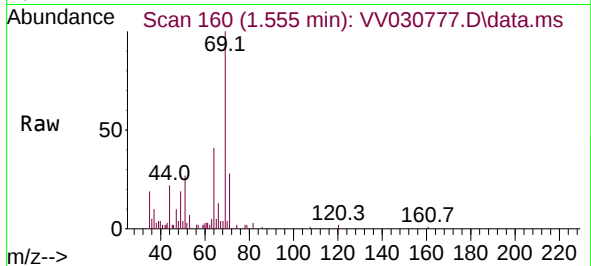




#8
Chloroethane
Concen: 2.471 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

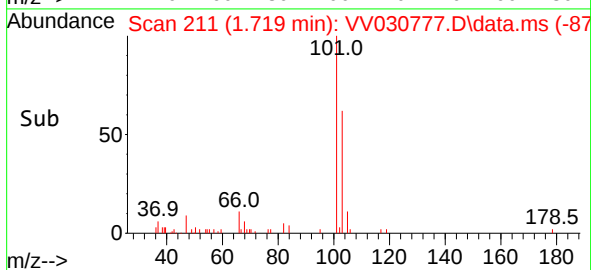
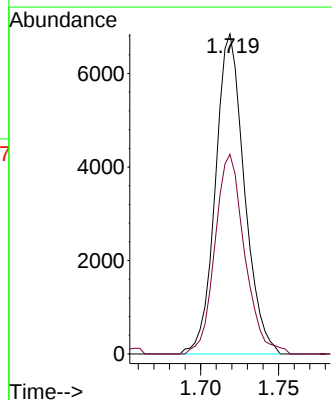
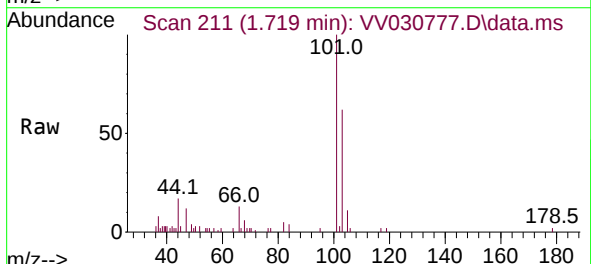
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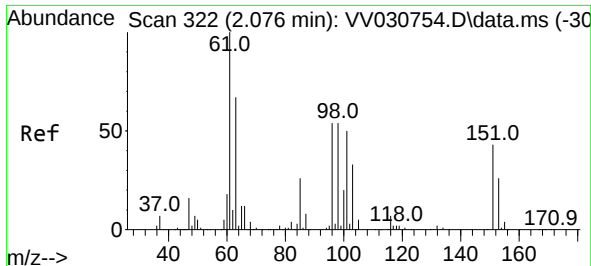
Tgt Ion: 64 Resp: 3471
Ion Ratio Lower Upper
64 100
66 31.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 2.672 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion:101 Resp: 8869
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

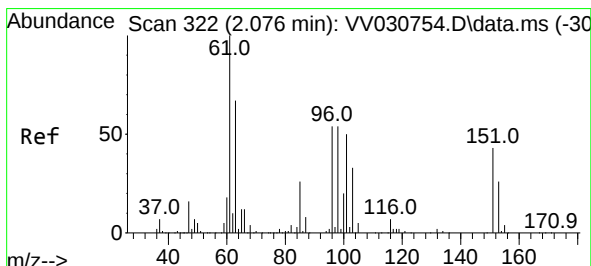
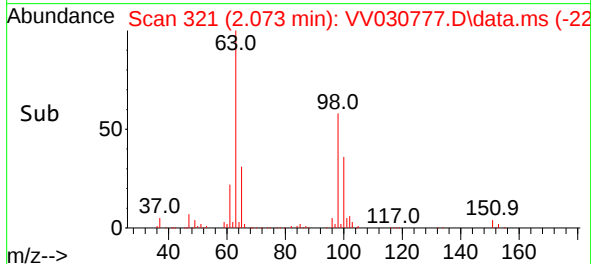
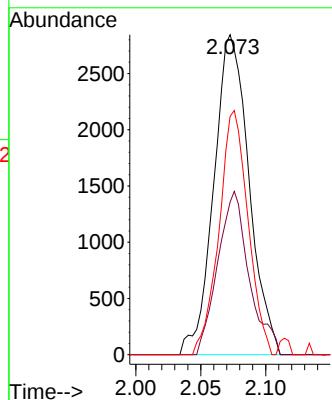
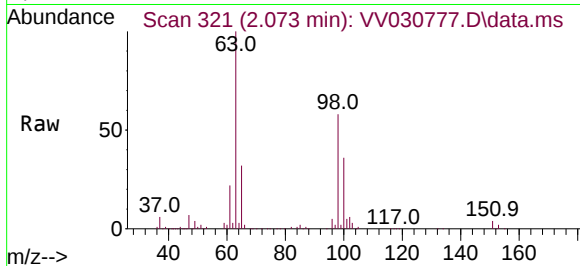




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.073 ug/L
 RT: 2.073 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV030777.D
 Acq: 21 Apr 2023 20:43

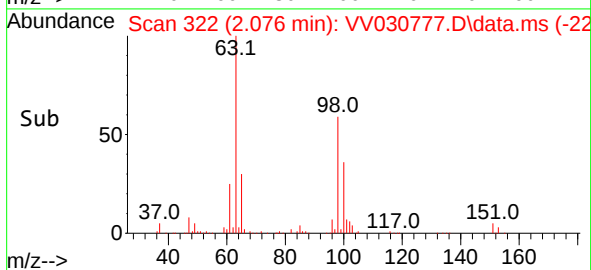
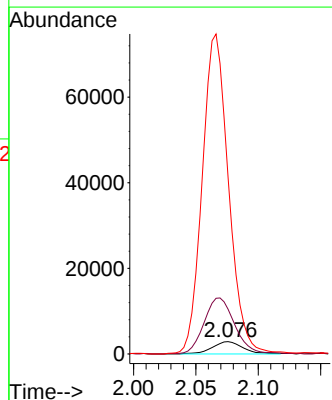
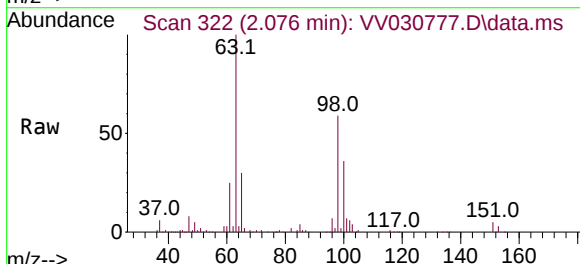
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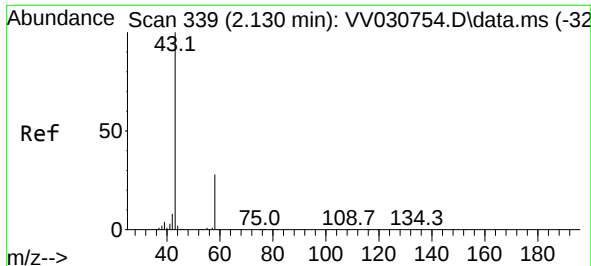
Tgt Ion: 101 Resp: 5361
 Ion Ratio Lower Upper
 101 100
 85 45.5 37.5 56.3
 151 63.0 63.5 95.3#



#12
 1,1-Dichloroethene
 Concen: 3.122 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030777.D
 Acq: 21 Apr 2023 20:43

Tgt Ion: 96 Resp: 4923
 Ion Ratio Lower Upper
 96 100
 61 364.1 131.9 245.0#
 63 1438.5 99.8 185.3#





#13

Acetone

Concen: 3.577 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

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MSVOA_V

ClientSampleId :

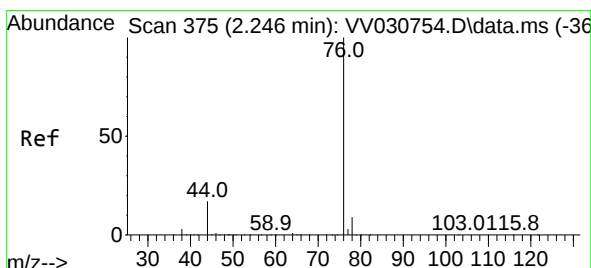
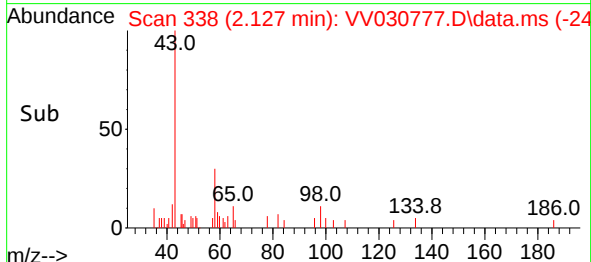
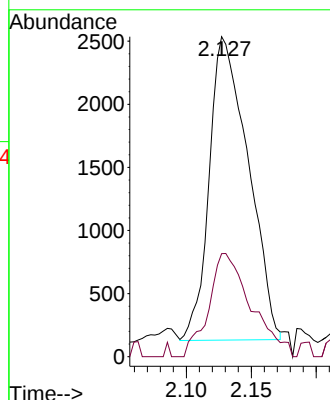
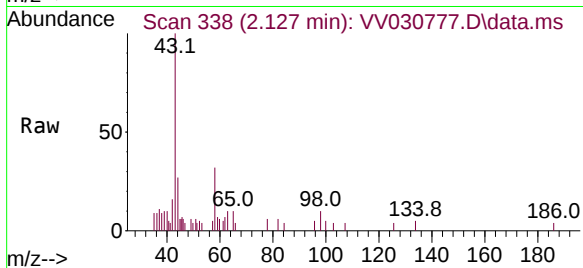
MDL-WATER-QT2-2023-04

Tgt Ion: 43 Resp: 5019

Ion Ratio Lower Upper

43 100

58 31.1 0.0 52.8



#14

Carbon disulfide

Concen: 2.094 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

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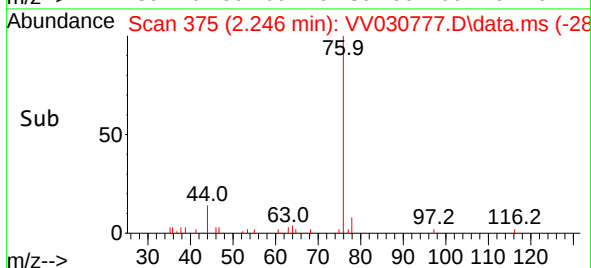
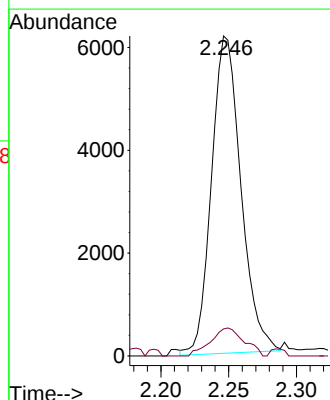
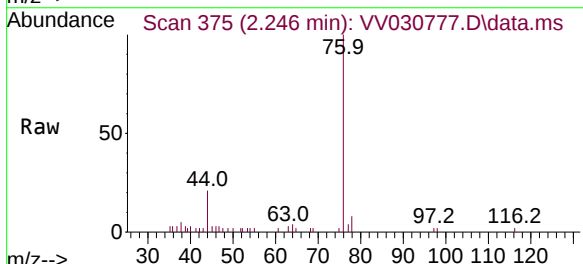
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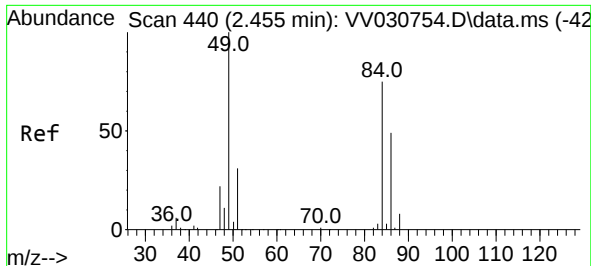
Tgt Ion: 76 Resp: 9325

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4

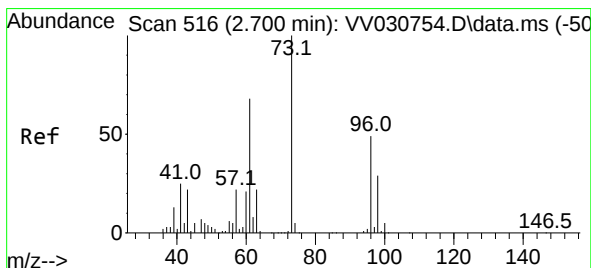
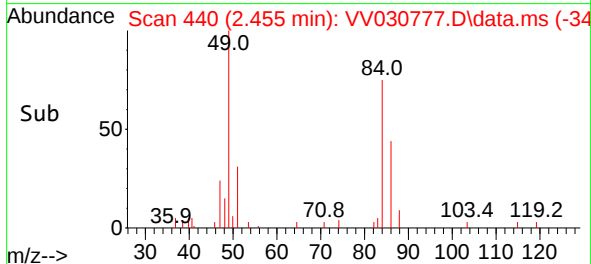
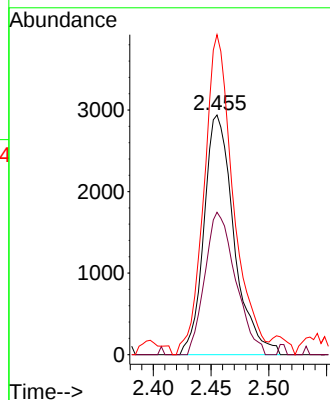
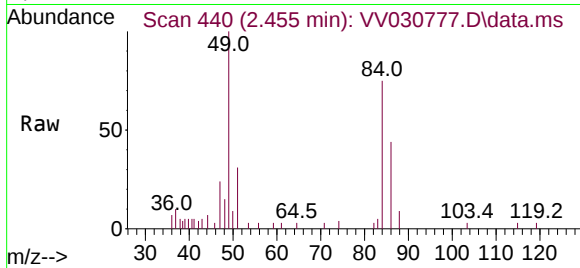




#16
Methylene chloride
Concen: 2.948 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

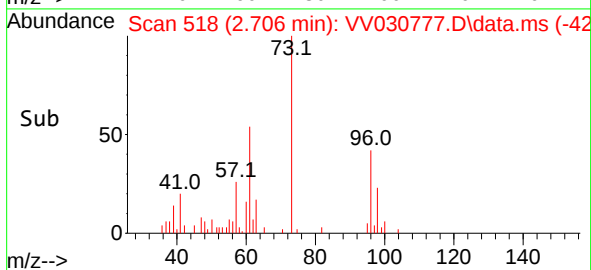
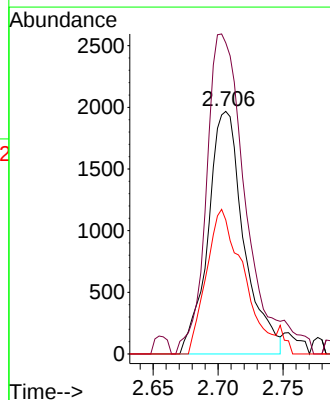
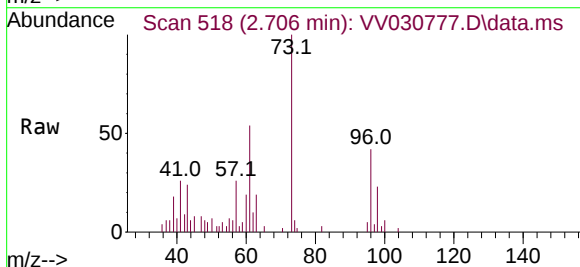
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

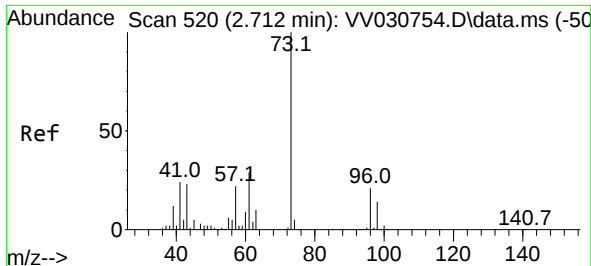
Tgt Ion:	84	Resp:	5320
Ion	Ratio	Lower	Upper
84	100		
86	59.4	45.4	84.2
49	133.5	90.4	168.0



#17
trans-1,2-Dichloroethene
Concen: 2.367 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion:	96	Resp:	3768
Ion	Ratio	Lower	Upper
96	100		
61	128.3	101.0	187.6
98	55.2	45.4	84.2

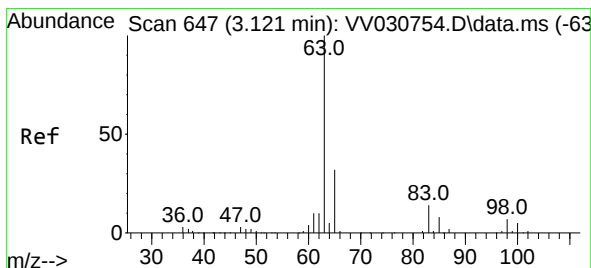
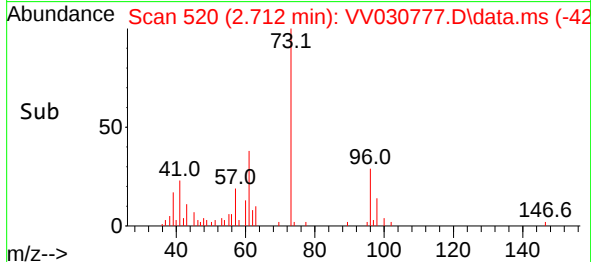
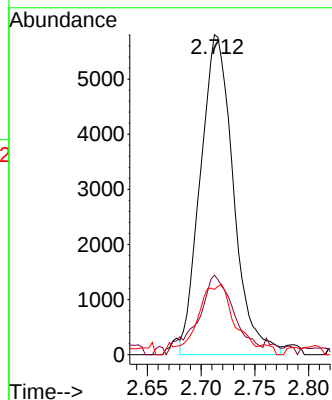
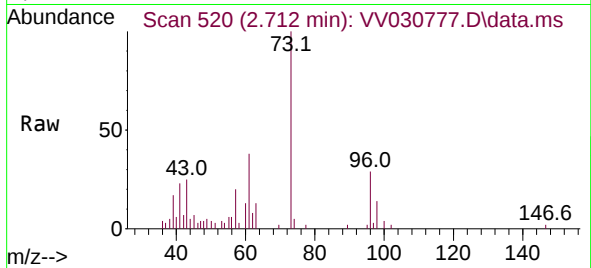




#18
Methyl tert-butyl Ether
Concen: 2.428 ug/L
RT: 2.712 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

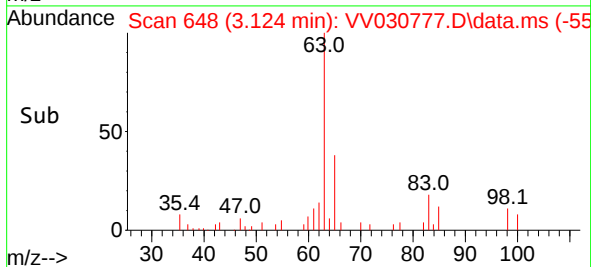
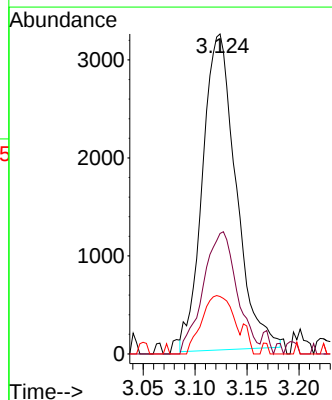
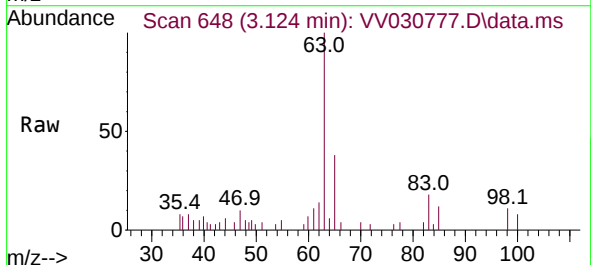
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

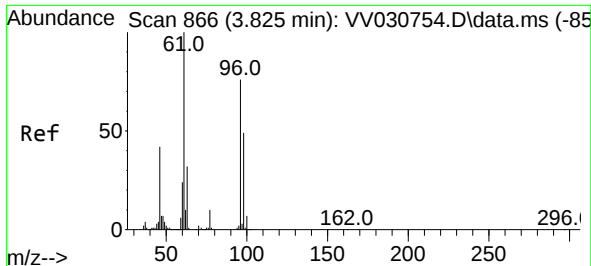
Tgt Ion: 73 Resp: 12383
Ion Ratio Lower Upper
73 100
43 21.4 17.6 26.4
57 9.3 18.2 27.2#



#19
1,1-Dichloroethane
Concen: 2.218 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.003 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion: 63 Resp: 7200
Ion Ratio Lower Upper
63 100
65 37.6 21.8 40.6
83 17.9 10.2 19.0

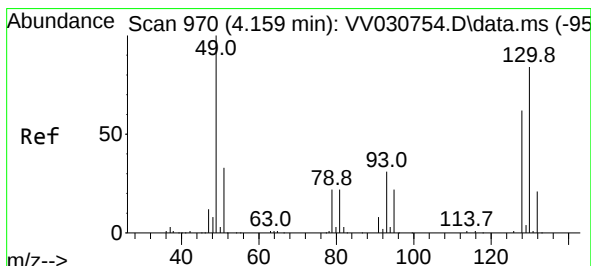
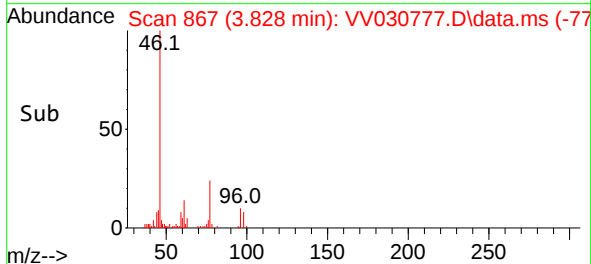
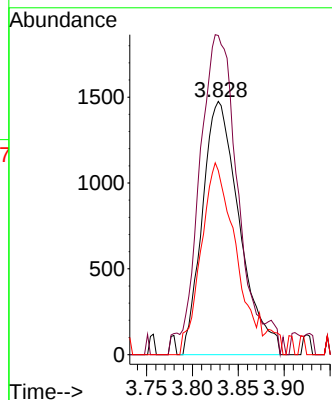
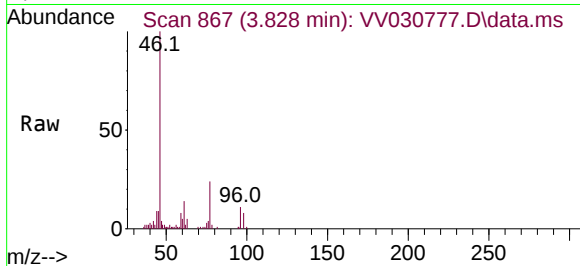




#20
cis-1,2-Dichloroethene
Concen: 2.397 ug/L
RT: 3.828 min Scan# 866
Delta R.T. 0.003 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

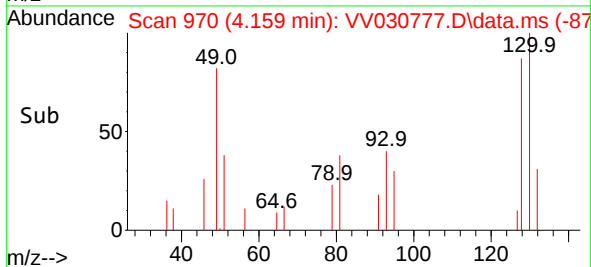
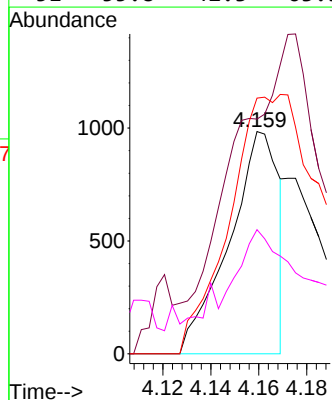
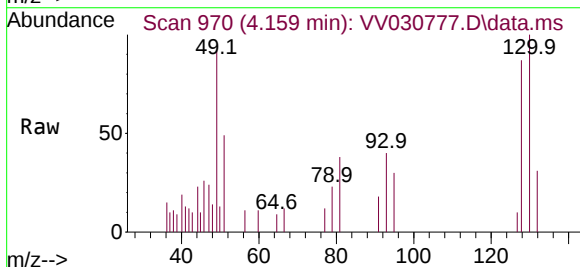
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

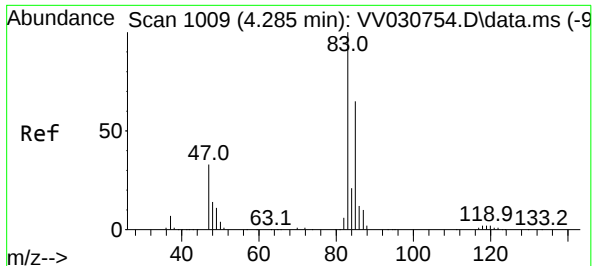
Tgt Ion: 96 Resp: 4151
Ion Ratio Lower Upper
96 100
61 126.0 92.3 171.3
98 72.7 45.9 85.3



#23
Bromochloromethane
Concen: 1.445 ug/L
RT: 4.159 min Scan# 970
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion: 128 Resp: 1398
Ion Ratio Lower Upper
128 100
49 105.6 114.7 213.1#
130 115.0 89.0 165.2
51 55.8 42.3 63.5





#25

Chloroform

Concen: 2.743 ug/L

RT: 4.288 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

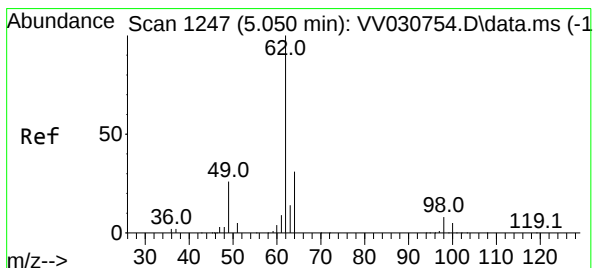
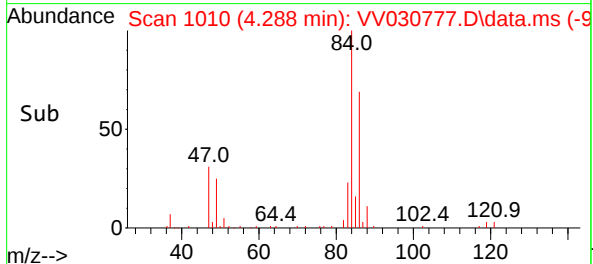
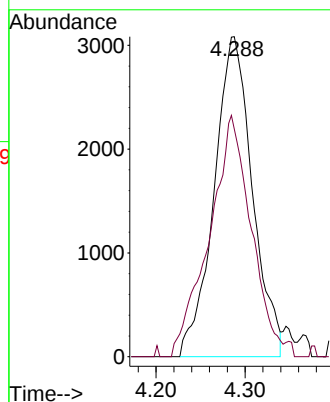
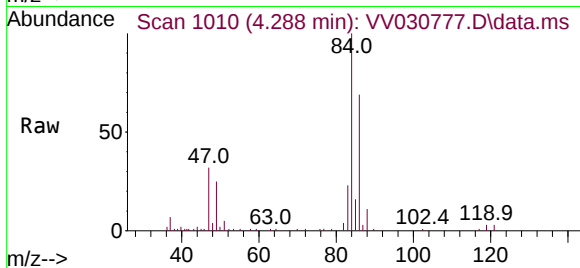
MDL-WATER-QT2-2023-04

Tgt Ion: 83 Resp: 9216

Ion Ratio Lower Upper

83 100

85 71.1 45.8 85.2



#27

1,2-Dichloroethane

Concen: 2.529 ug/L

RT: 5.060 min Scan# 1250

Delta R.T. 0.010 min

Lab File: VV030777.D

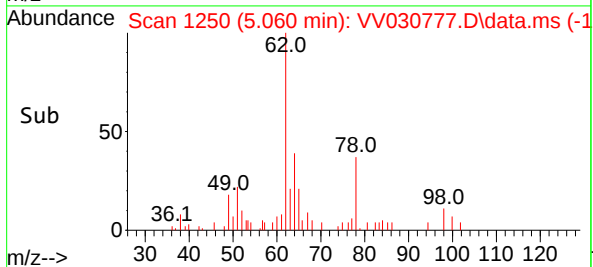
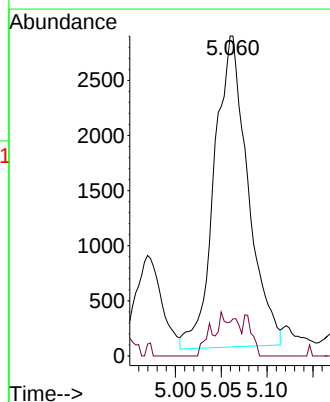
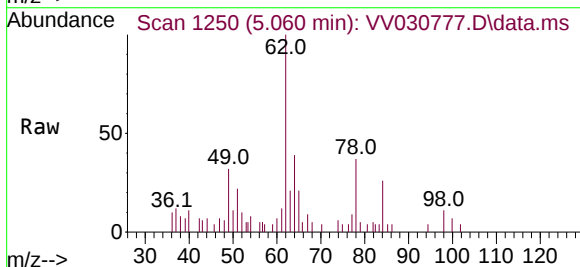
Acq: 21 Apr 2023 20:43

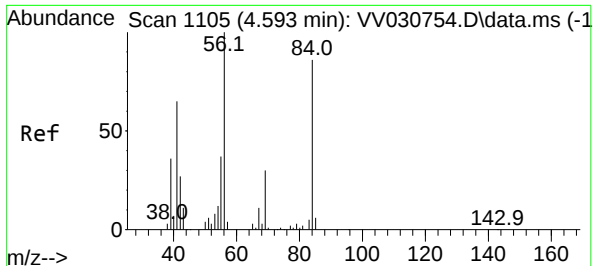
Tgt Ion: 62 Resp: 7193

Ion Ratio Lower Upper

62 100

98 10.6 6.4 9.6#





#29

Cyclohexane

Concen: 2.220 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

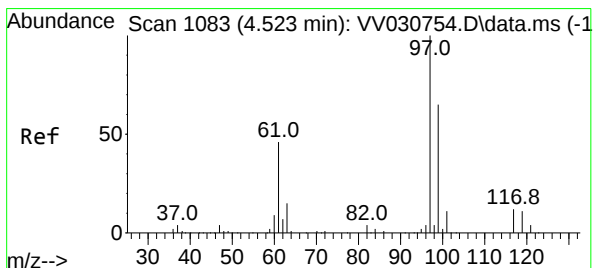
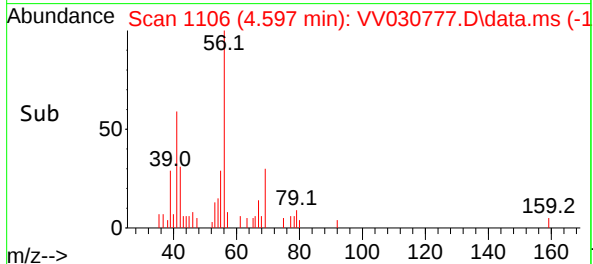
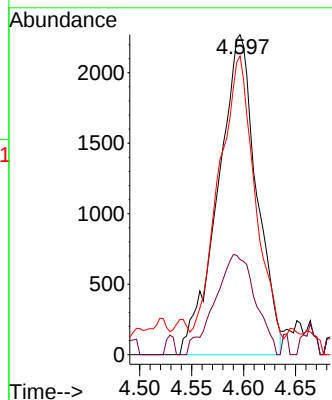
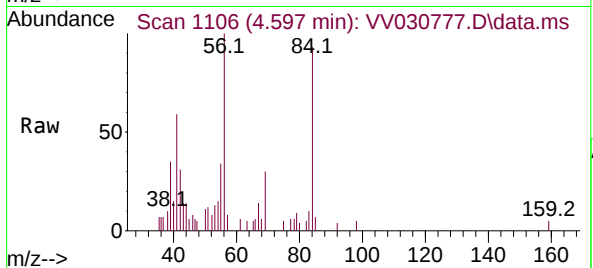
Tgt Ion: 56 Resp: 5845

Ion Ratio Lower Upper

56 100

69 31.3 24.0 36.0

84 81.5 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 2.429 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

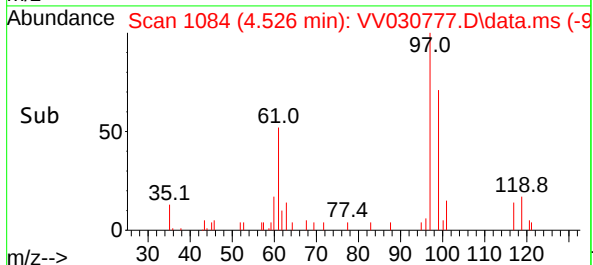
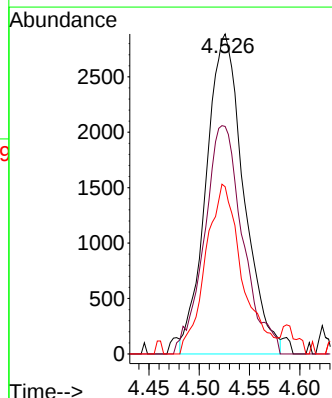
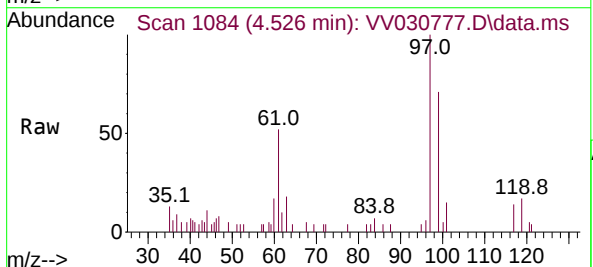
Tgt Ion: 97 Resp: 7491

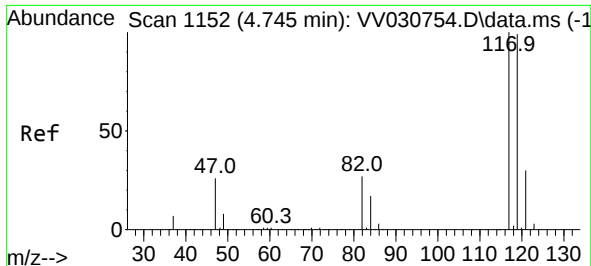
Ion Ratio Lower Upper

97 100

99 70.2 51.4 77.0

61 51.5 37.0 55.6

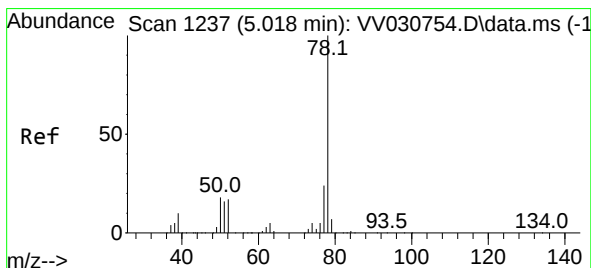
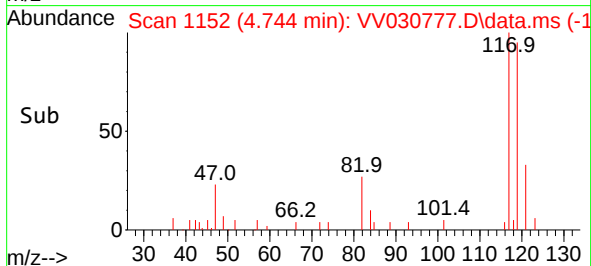
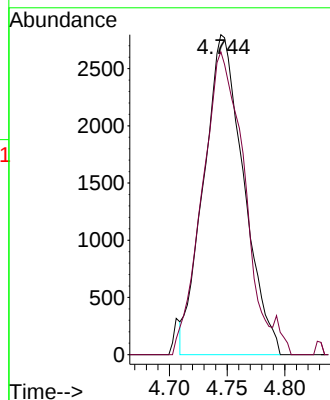
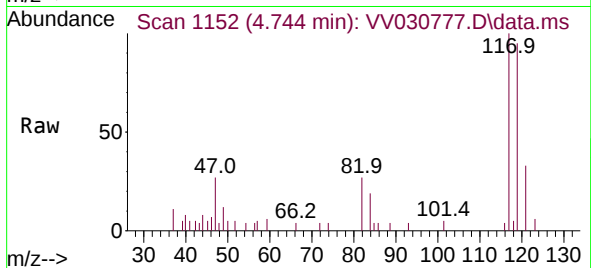




#31
Carbon tetrachloride
Concen: 2.436 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

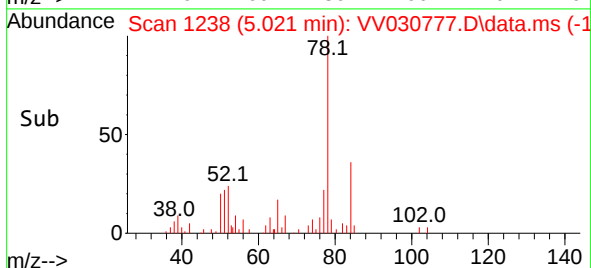
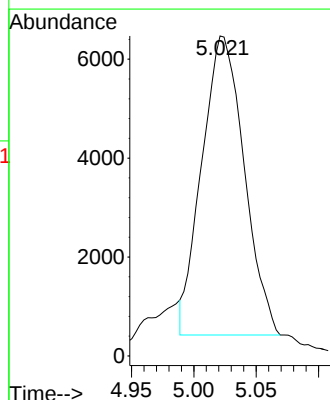
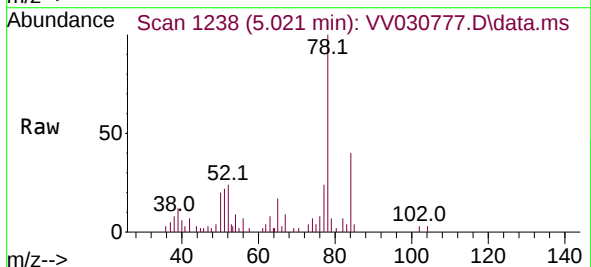
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-04

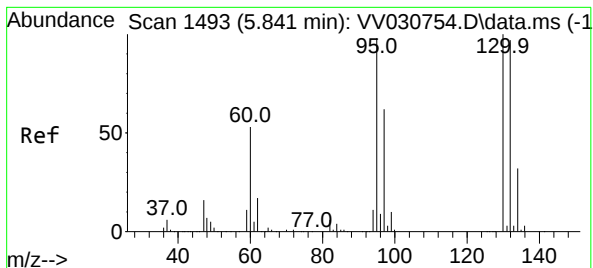
Tgt Ion:117 Resp: 6717
Ion Ratio Lower Upper
117 100
119 98.3 75.9 113.9



#33
Benzene
Concen: 2.142 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion: 78 Resp: 14272





#34

Trichloroethene

Concen: 2.554 ug/L

RT: 5.847 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion: 95 Resp: 4427

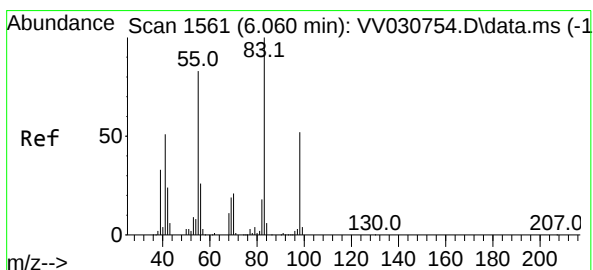
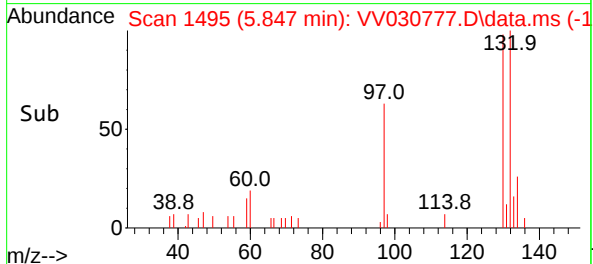
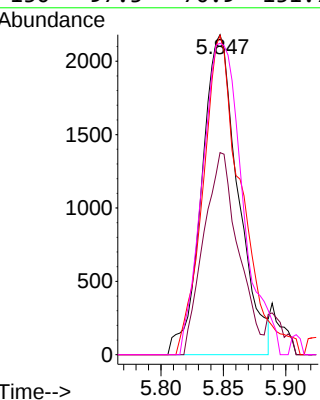
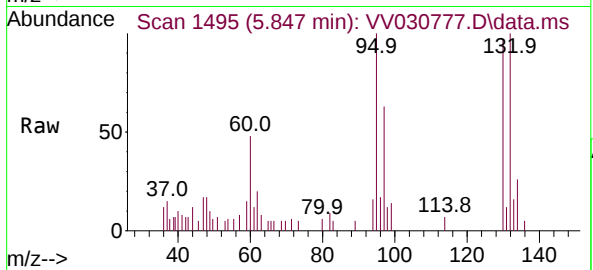
Ion Ratio Lower Upper

95 100

97 63.1 45.8 85.2

132 99.8 70.6 131.2

130 97.3 70.9 131.7



#35

Methylcyclohexane

Concen: 2.075 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

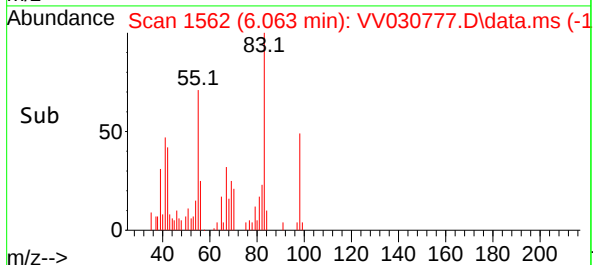
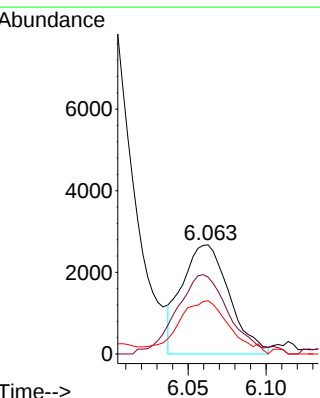
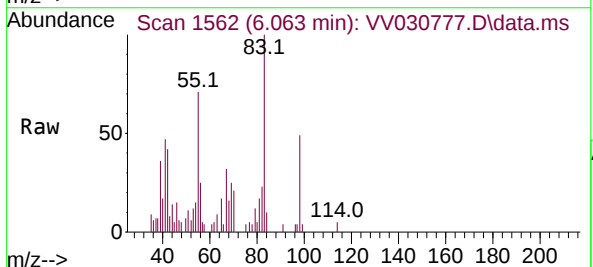
Tgt Ion: 83 Resp: 5636

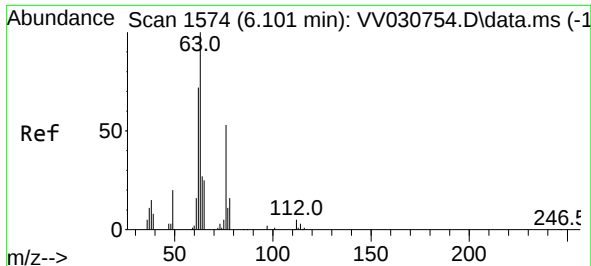
Ion Ratio Lower Upper

83 100

55 72.7 65.5 98.3

98 52.2 38.7 58.1





#37

1,2-Dichloropropane

Concen: 1.901 ug/L

RT: 6.105 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

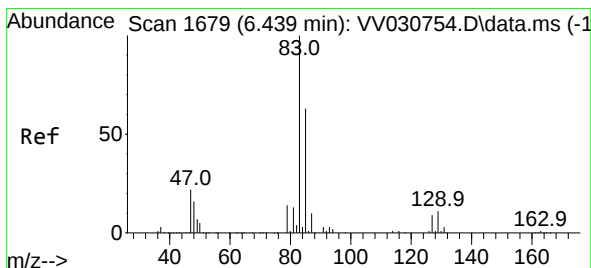
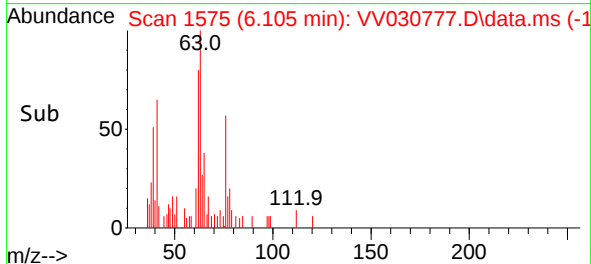
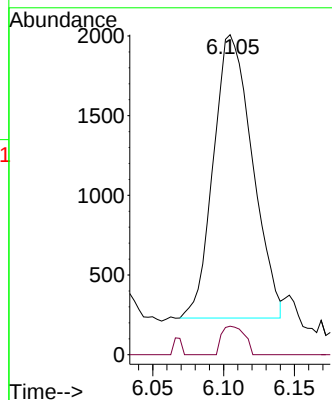
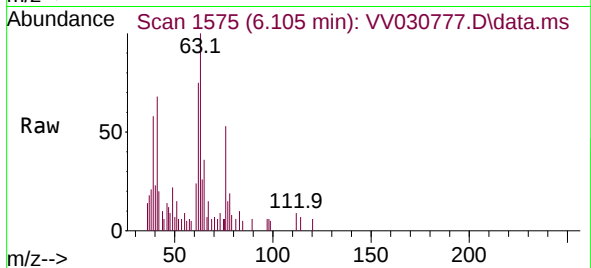
MDL-WATER-QT2-2023-04

Tgt Ion: 63 Resp: 3409

Ion Ratio Lower Upper

63 100

112 5.9 3.8 5.8#



#38

Bromodichloromethane

Concen: 2.547 ug/L

RT: 6.449 min Scan# 1682

Delta R.T. 0.010 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

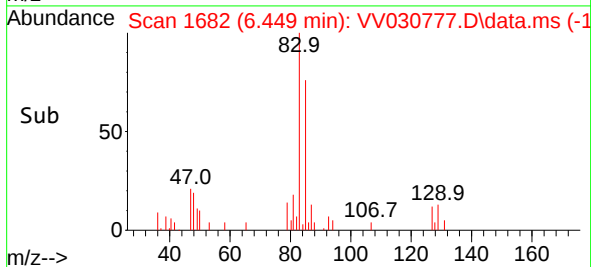
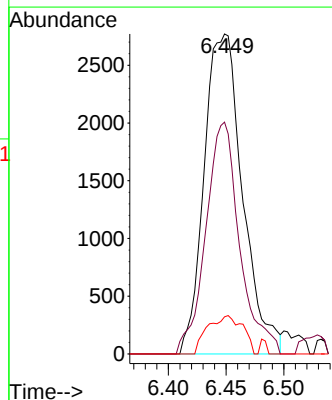
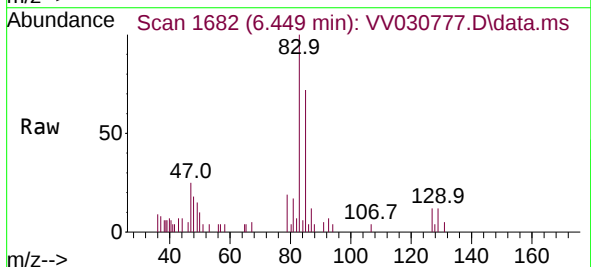
Tgt Ion: 83 Resp: 6418

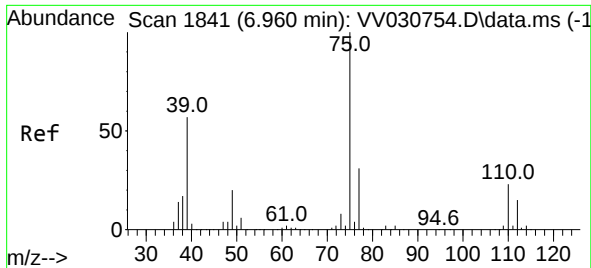
Ion Ratio Lower Upper

83 100

85 72.4 45.4 84.4

127 11.6 7.0 10.4#





#39

cis-1,3-Dichloropropene

Concen: 1.938 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

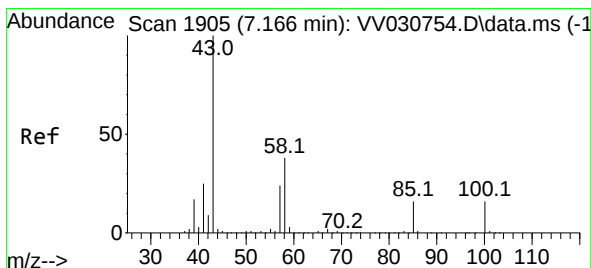
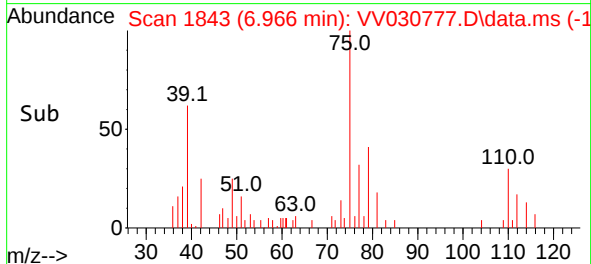
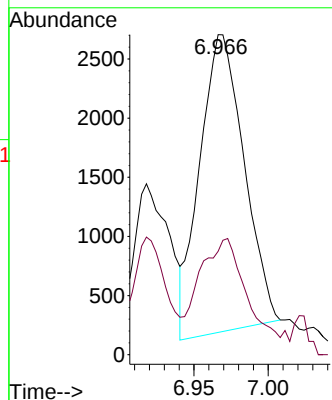
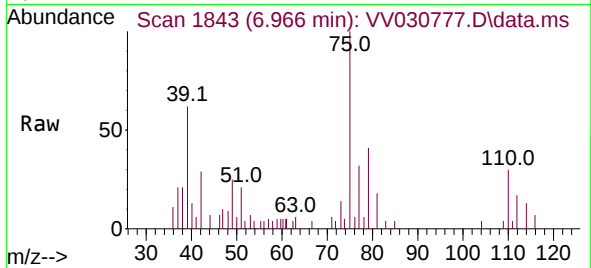
MDL-WATER-QT2-2023-04

Tgt Ion: 75 Resp: 5217

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 3.660 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.010 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

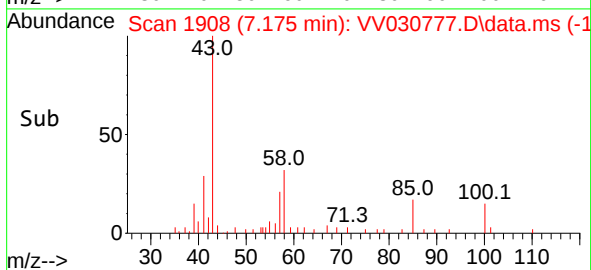
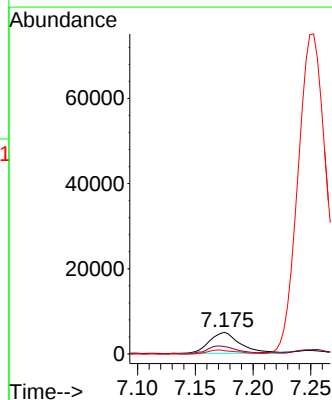
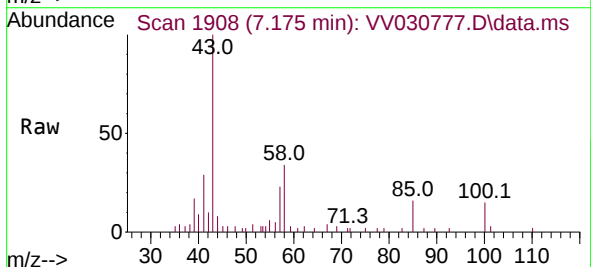
Tgt Ion: 43 Resp: 9169

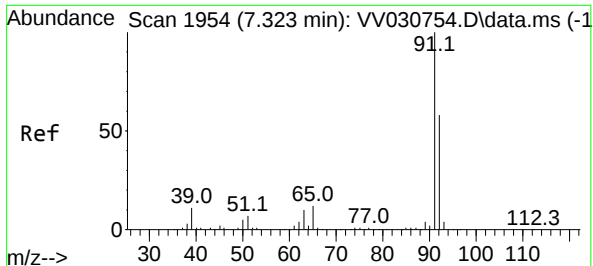
Ion Ratio Lower Upper

43 100

58 37.2 29.2 43.8

100 18.0 11.3 16.9





#42

Toluene

Concen: 2.303 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

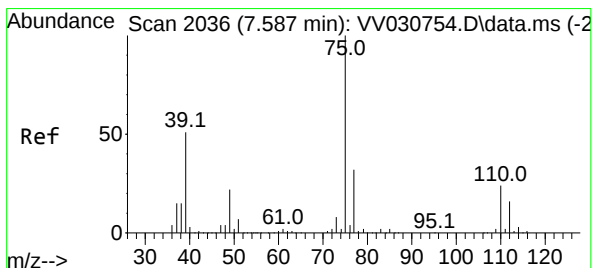
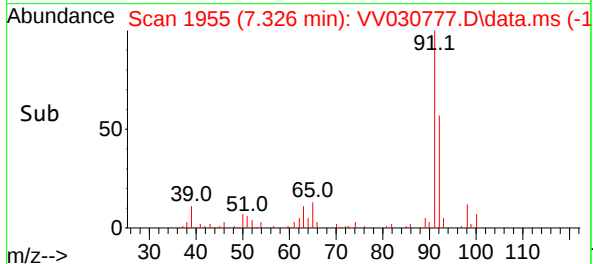
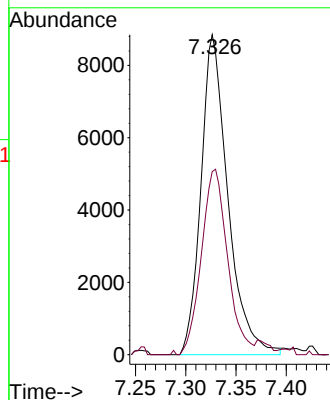
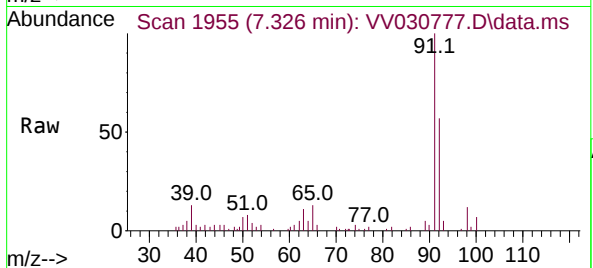
MDL-WATER-QT2-2023-04

Tgt Ion: 91 Resp: 16440

Ion Ratio Lower Upper

91 100

92 57.2 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 2.402 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.010 min

Lab File: VV030777.D

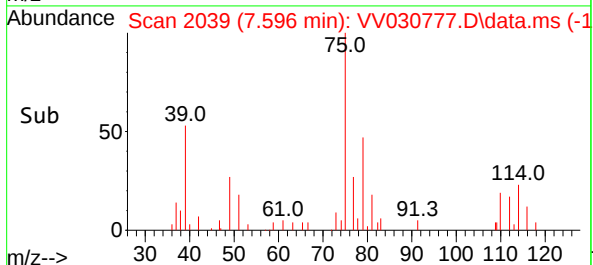
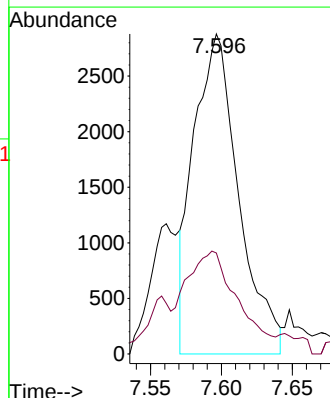
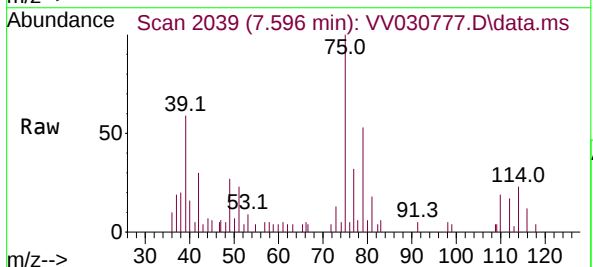
Acq: 21 Apr 2023 20:43

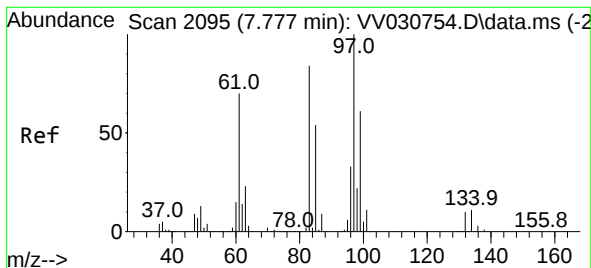
Tgt Ion: 75 Resp: 6353

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 2.483 ug/L

RT: 7.780 min Scan# 2095

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion: 97 Resp: 4465

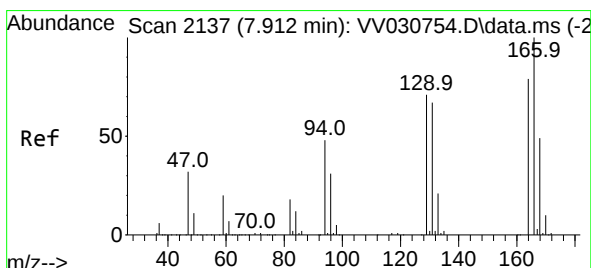
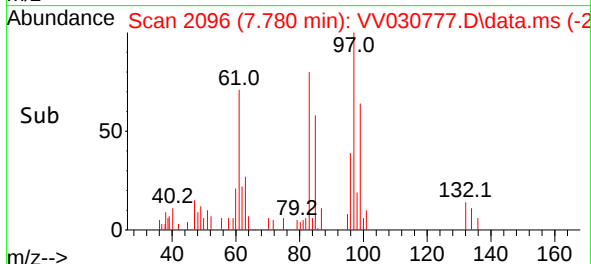
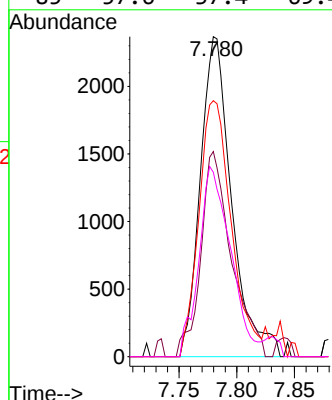
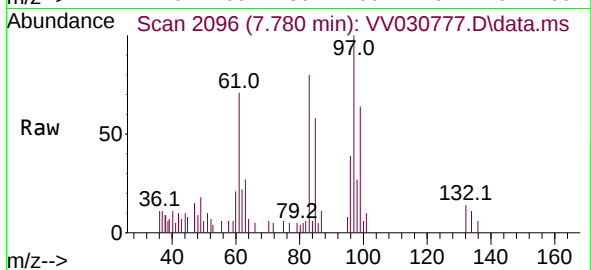
Ion Ratio Lower Upper

97 100

99 64.1 43.8 81.4

83 80.0 59.6 110.6

85 57.6 37.4 69.4



#46

Tetrachloroethene

Concen: 2.473 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Tgt Ion:164 Resp: 3752

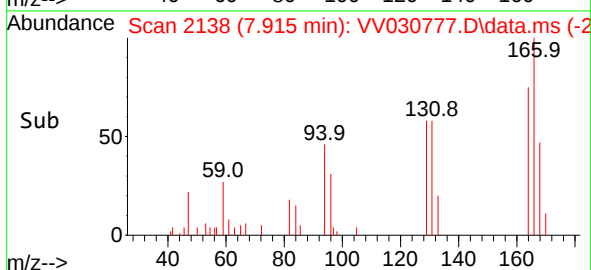
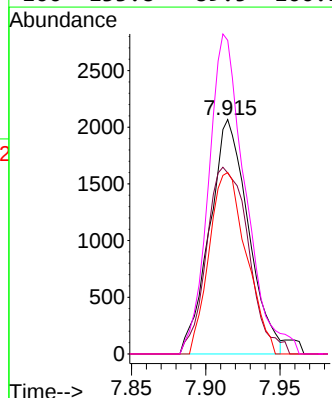
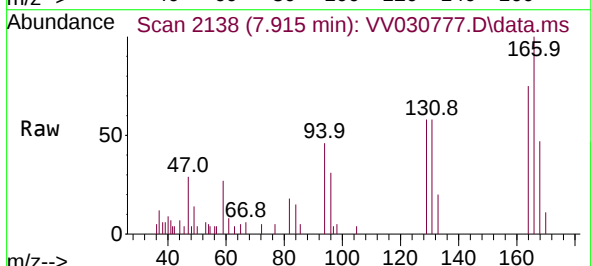
Ion Ratio Lower Upper

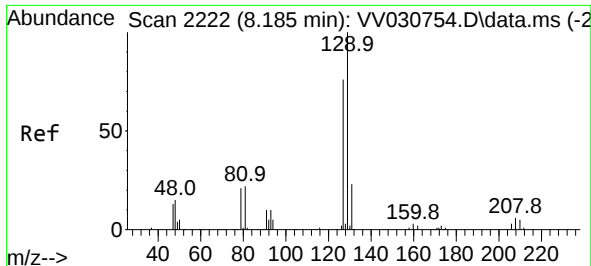
164 100

129 77.2 63.8 118.6

131 77.4 60.3 111.9

166 133.8 89.5 166.1





#49

Dibromochloromethane

Concen: 2.425 ug/L

RT: 8.188 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

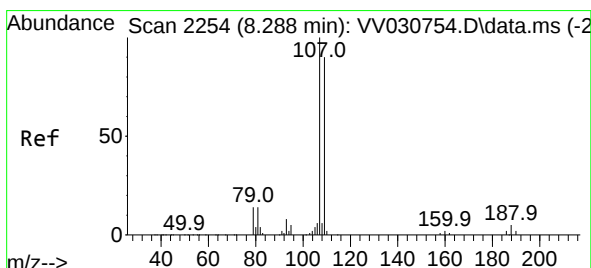
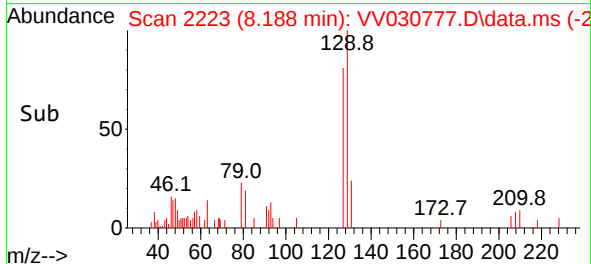
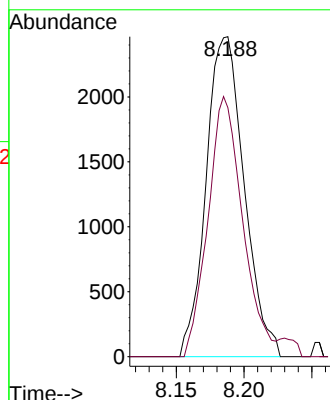
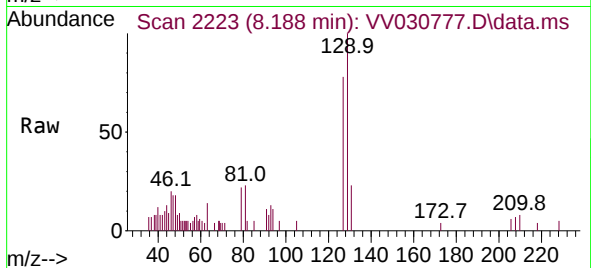
MDL-WATER-QT2-2023-04

Tgt Ion:129 Resp: 4810

Ion Ratio Lower Upper

129 100

127 77.8 52.8 98.2



#50

1,2-Dibromoethane

Concen: 2.285 ug/L

RT: 8.294 min Scan# 2256

Delta R.T. 0.006 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

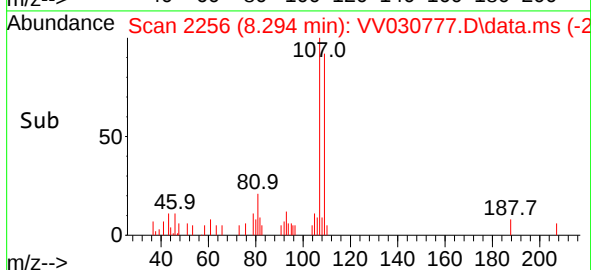
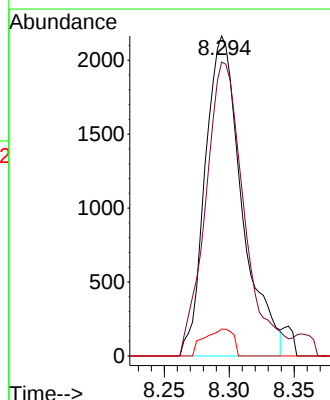
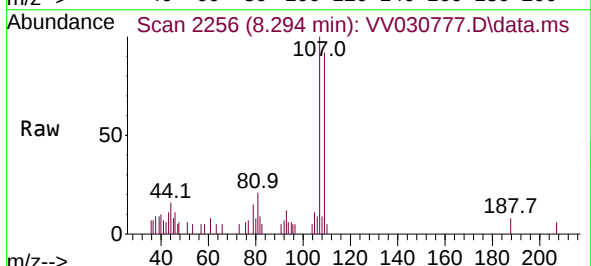
Tgt Ion:107 Resp: 4258

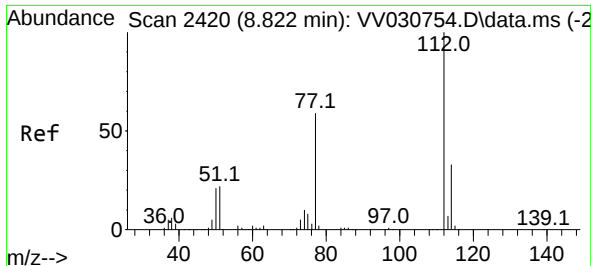
Ion Ratio Lower Upper

107 100

109 91.9 65.7 121.9

188 8.4 3.2 4.8#

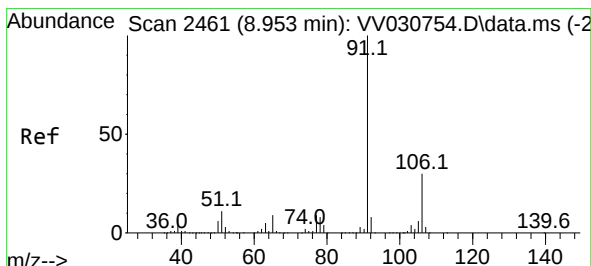
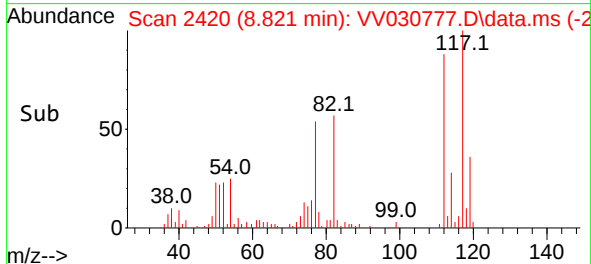
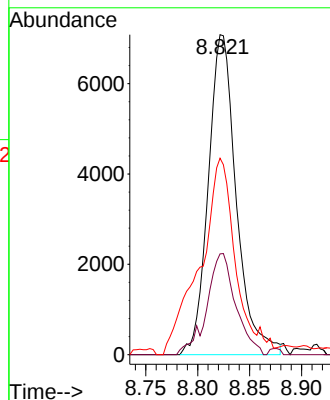
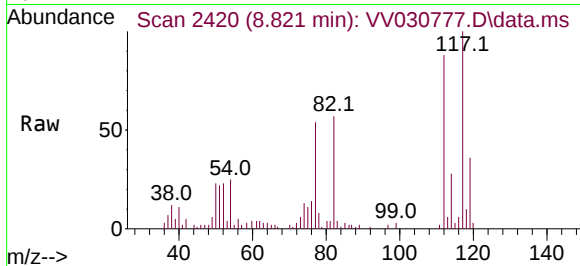




#51
Chlorobenzene
Concen: 2.813 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

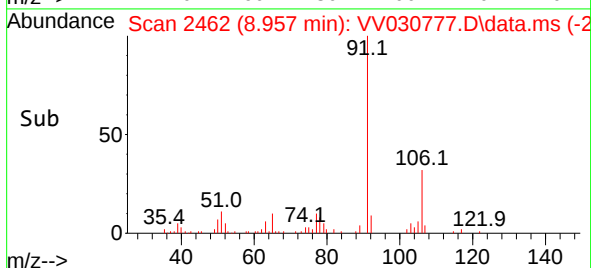
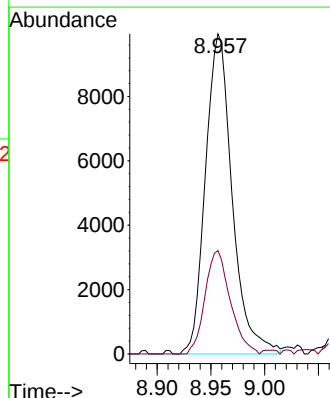
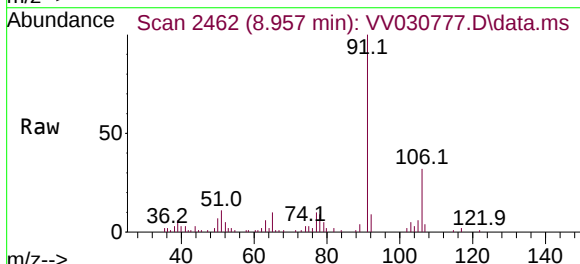
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT2-2023-04

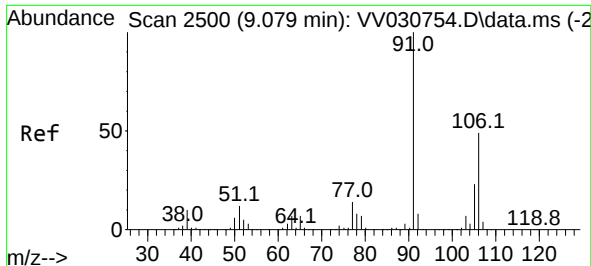
Tgt Ion:112 Resp: 13297
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 61.4 47.4 71.0



#52
Ethylbenzene
Concen: 2.179 ug/L
RT: 8.957 min Scan# 2462
Delta R.T. 0.003 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion: 91 Resp: 17221
Ion Ratio Lower Upper
91 100
106 32.3 21.8 40.4

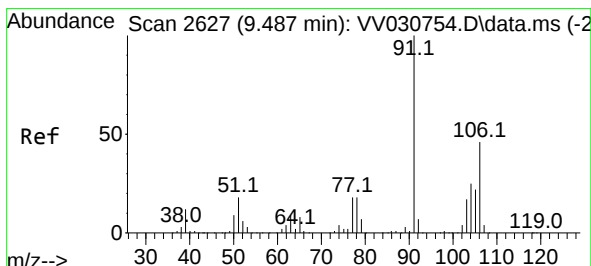
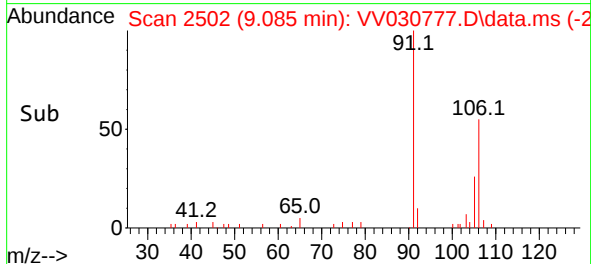
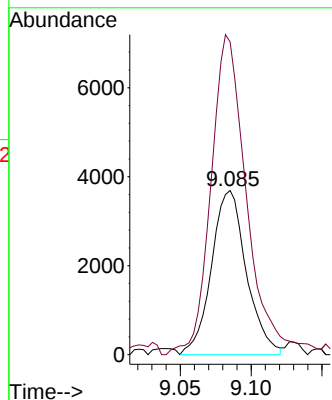
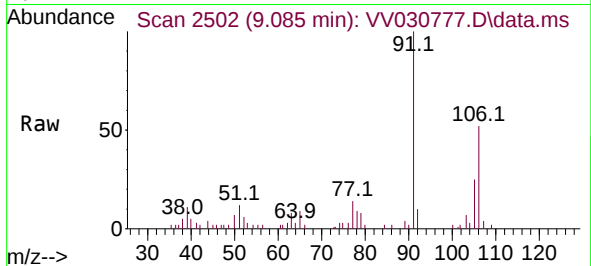




#53
m,p-Xylene
Concen: 2.119 ug/L
RT: 9.085 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

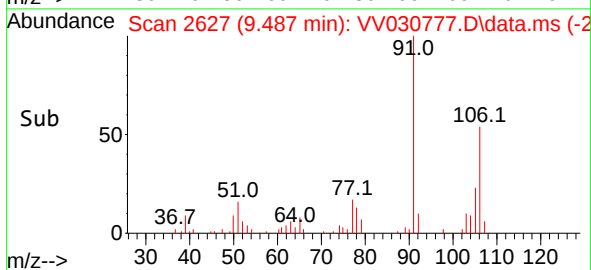
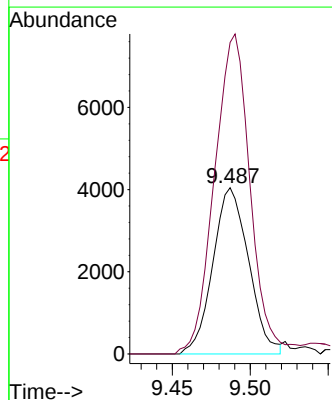
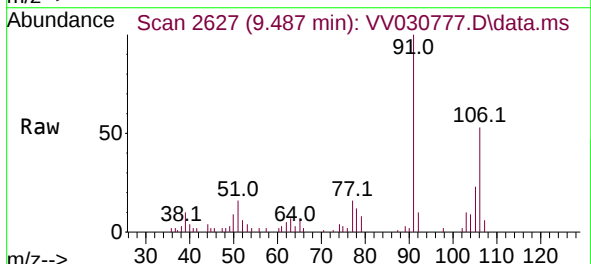
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

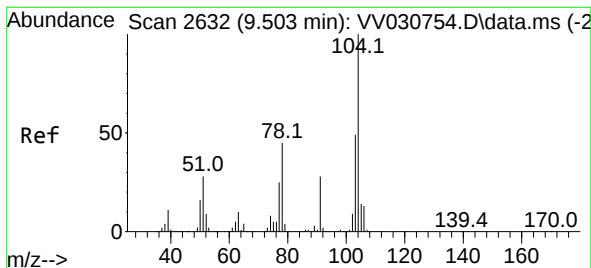
Tgt Ion:106 Resp: 6325
Ion Ratio Lower Upper
106 100
91 190.5 144.7 268.7



#54
o-Xylene
Concen: 2.212 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion:106 Resp: 6458
Ion Ratio Lower Upper
106 100
91 187.4 152.6 283.4





#55

Styrene

Concen: 1.975 ug/L

RT: 9.506 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

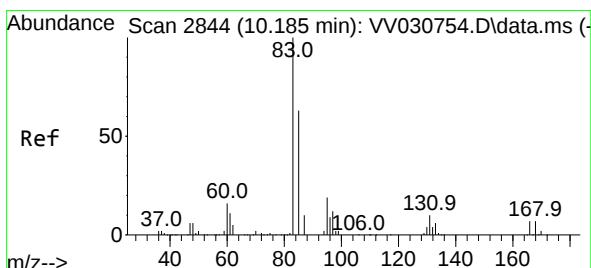
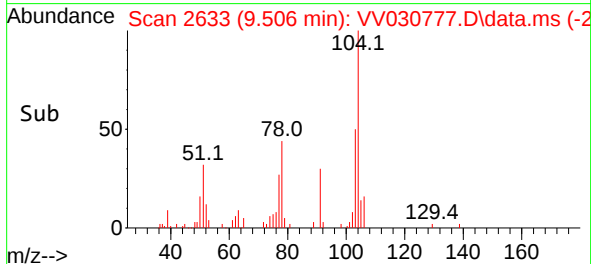
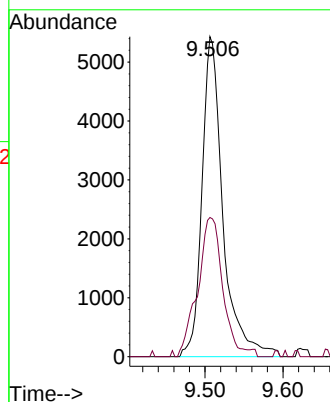
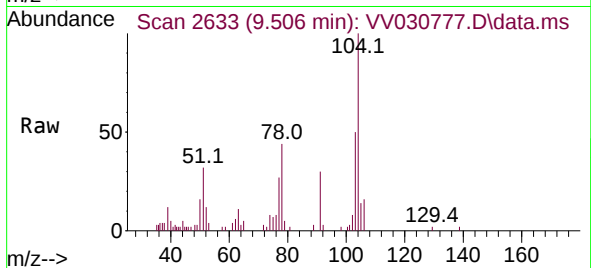
MDL-WATER-QT2-2023-04

Tgt Ion:104 Resp: 10131

Ion Ratio Lower Upper

104 100

78 43.5 32.3 59.9



#57

1,1,2,2-Tetrachloroethane

Concen: 2.420 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

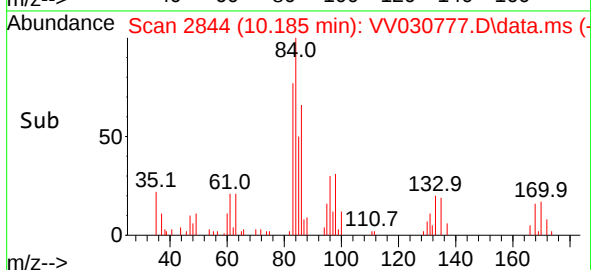
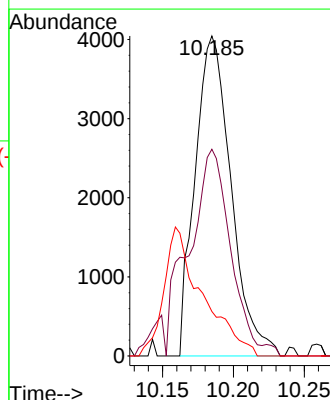
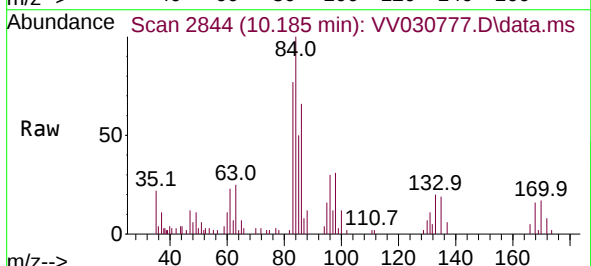
Tgt Ion: 83 Resp: 7146

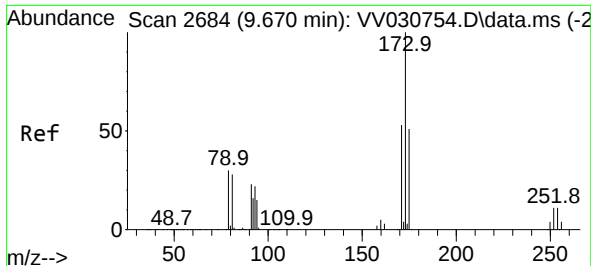
Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7

131 13.9 8.0 12.0#





#59

Bromoform

Concen: 2.739 ug/L

RT: 9.674 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

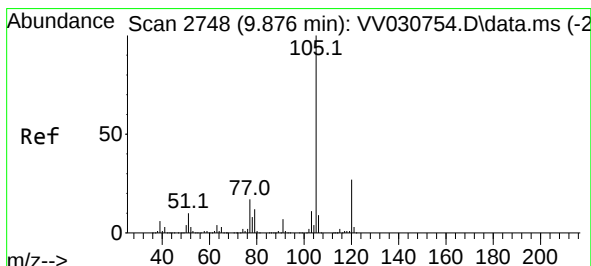
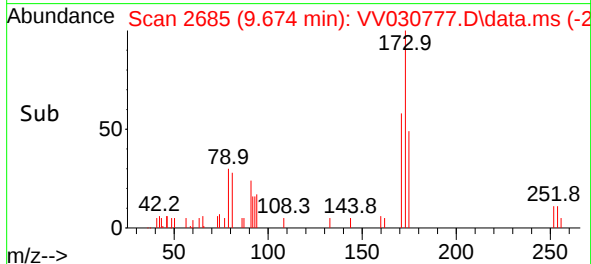
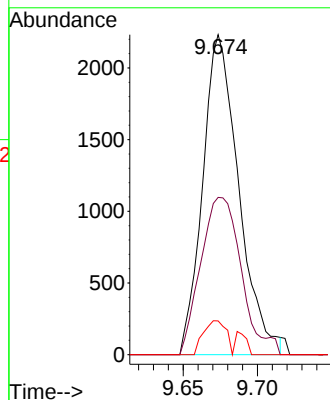
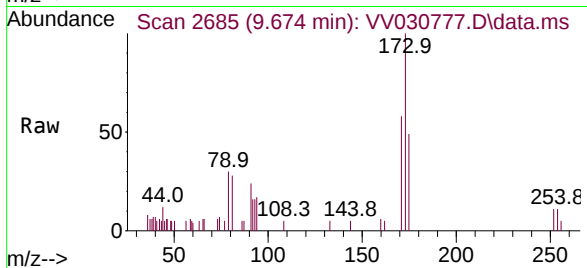
Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion:173	Resp:	3765
Ion Ratio	Lower	Upper
173	100	
175	54.2	38.8 58.2
254	6.7	8.2 12.4#



#60

Isopropylbenzene

Concen: 2.268 ug/L

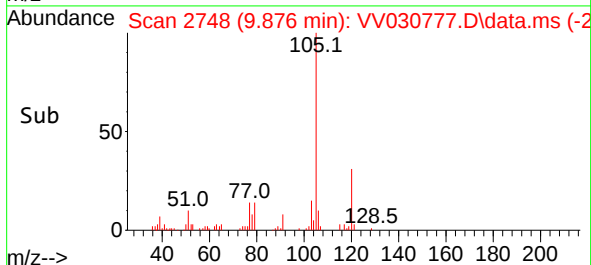
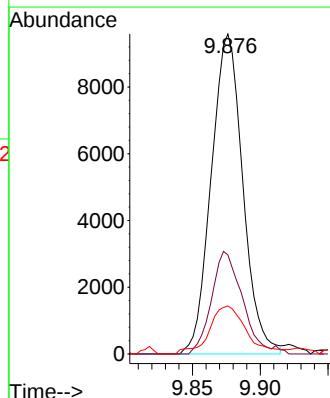
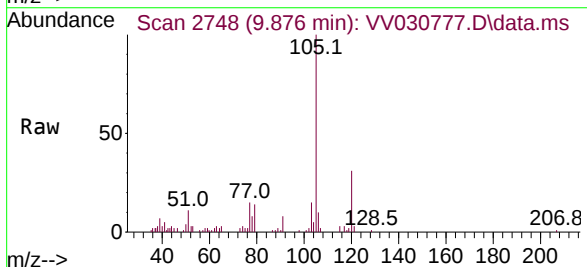
RT: 9.876 min Scan# 2748

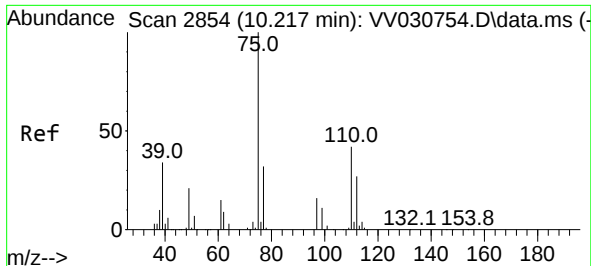
Delta R.T. -0.000 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Tgt Ion:105	Resp:	15530
Ion Ratio	Lower	Upper
105	100	
120	31.0	20.9 31.3
77	17.4	13.0 19.6

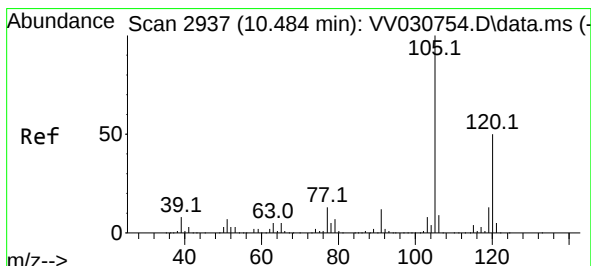
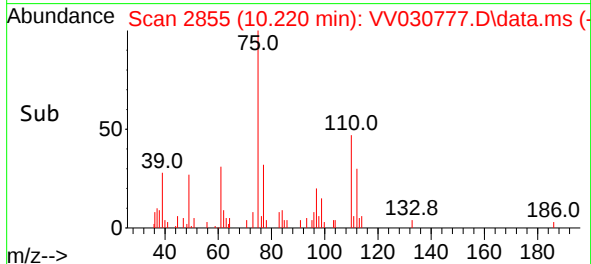
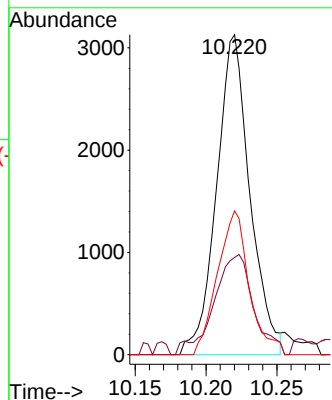
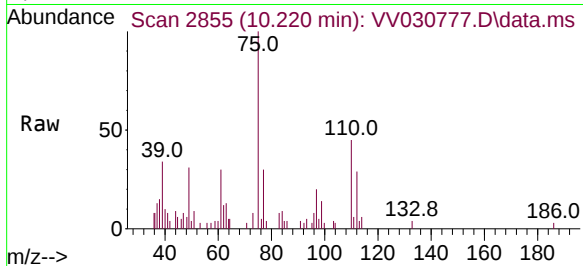




#61
1,2,3-Trichloropropane
Concen: 2.609 ug/L
RT: 10.220 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

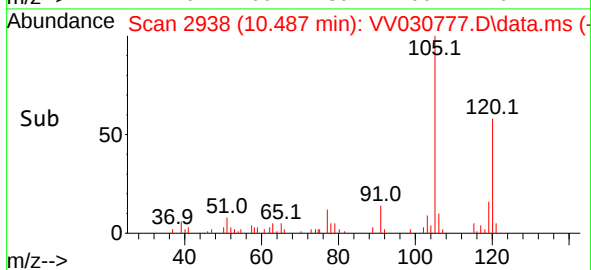
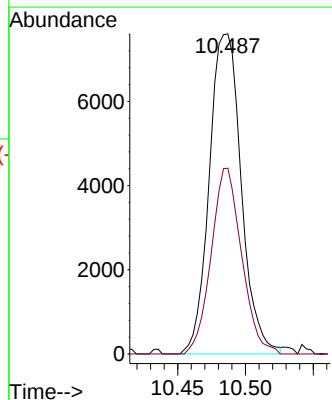
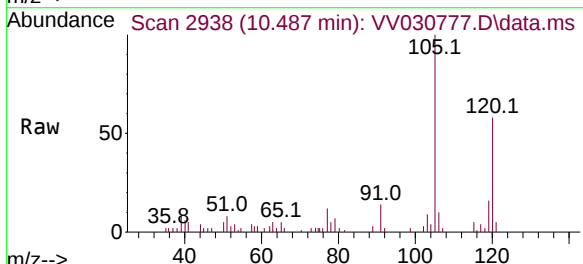
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

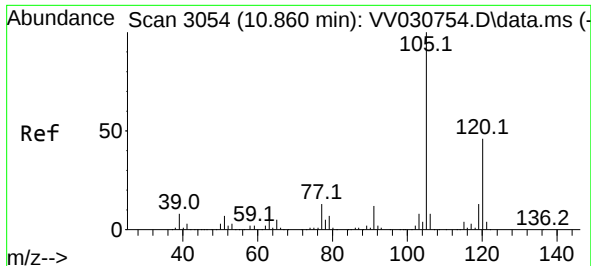
Tgt Ion:	75	Resp:	5129
Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.7	38.5
110	42.7	32.8	49.2



#62
1,3,5-Trimethylbenzene
Concen: 2.218 ug/L
RT: 10.487 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion:	105	Resp:	12501
Ion	Ratio	Lower	Upper
105	100		
120	55.2	39.2	58.8

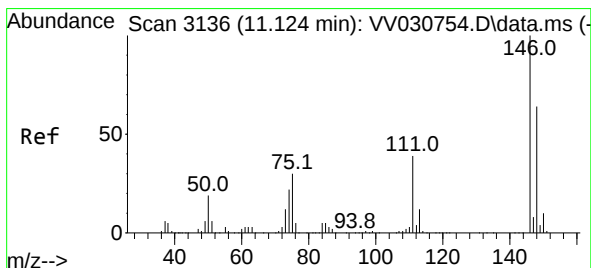
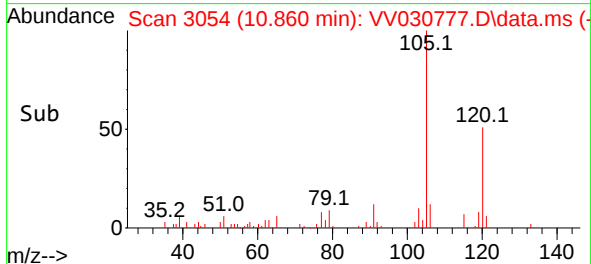
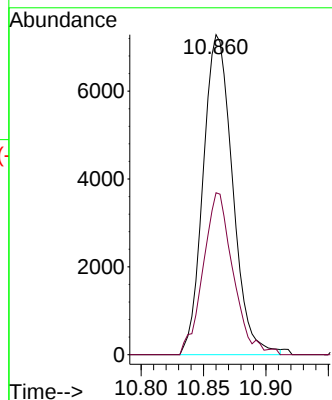
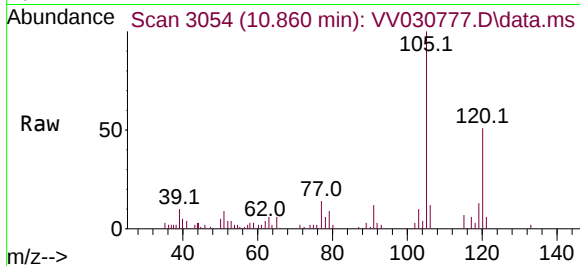




#63
1,2,4-Trimethylbenzene
Concen: 2.127 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

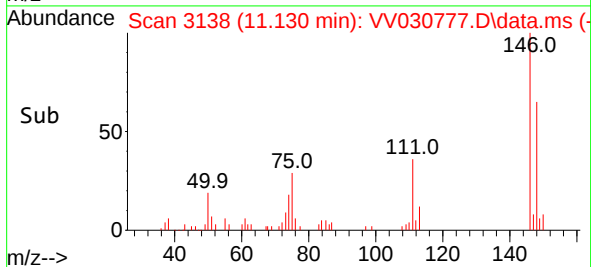
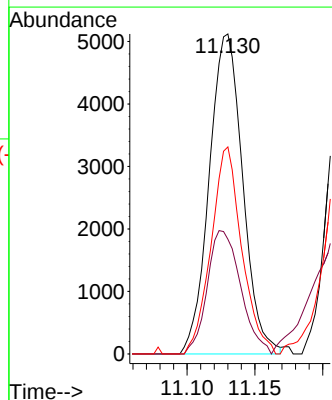
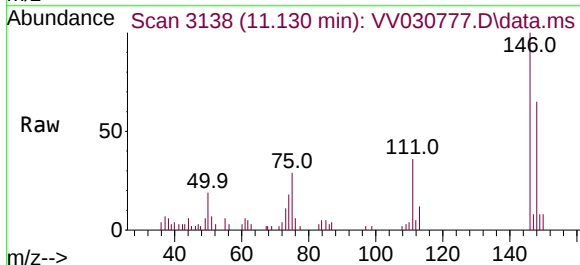
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

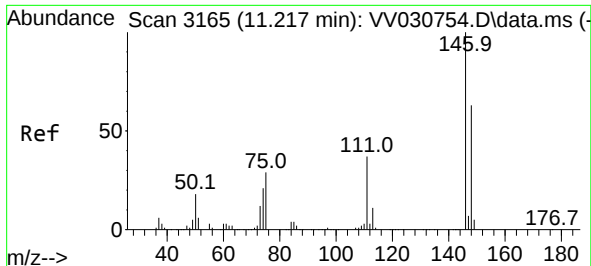
Tgt Ion:105 Resp: 11970
Ion Ratio Lower Upper
105 100
120 49.7 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 2.566 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.006 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion:146 Resp: 8796
Ion Ratio Lower Upper
146 100
111 35.8 27.0 50.2
148 64.7 44.8 83.2

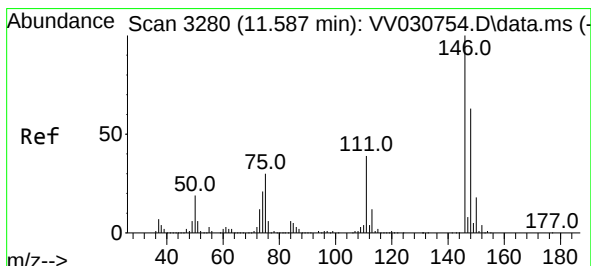
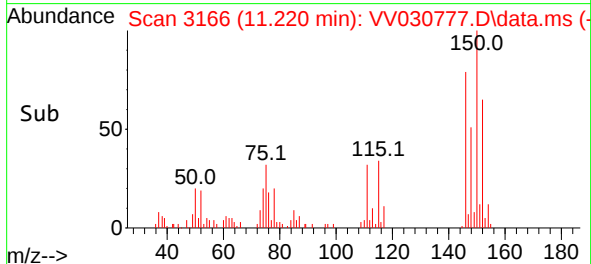
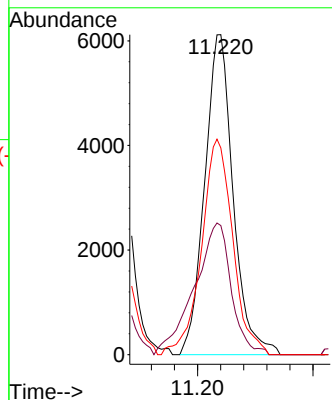
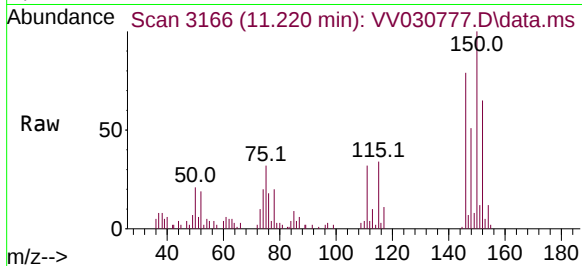




#65
1,4-Dichlorobenzene
Concen: 2.897 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

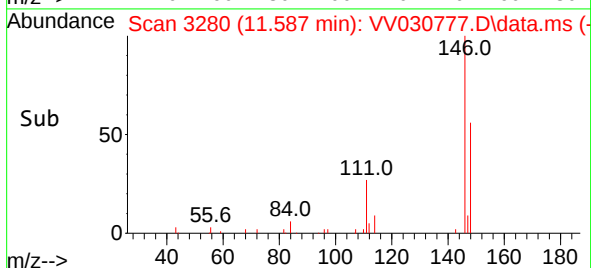
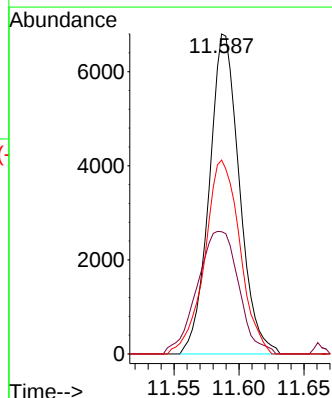
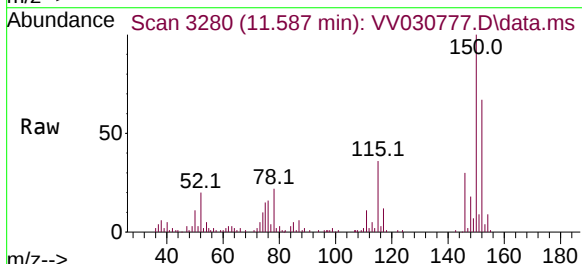
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

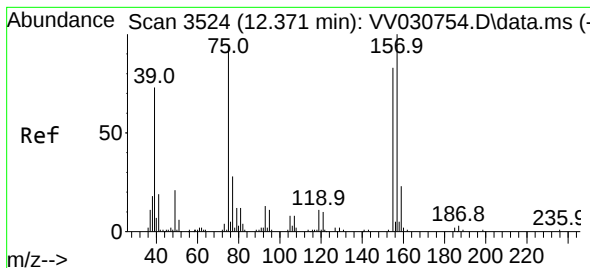
Tgt Ion:146 Resp: 10472
Ion Ratio Lower Upper
146 100
111 40.3 26.5 49.1
148 64.6 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 3.172 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

Tgt Ion:146 Resp: 10968
Ion Ratio Lower Upper
146 100
111 38.2 32.0 48.0
148 60.6 50.6 76.0





#68

1,2-Dibromo-3-chloropropane

Concen: 3.081 ug/L

RT: 12.374 min Scan# 3524

Delta R.T. 0.003 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04

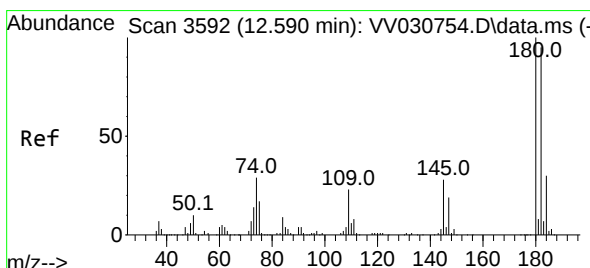
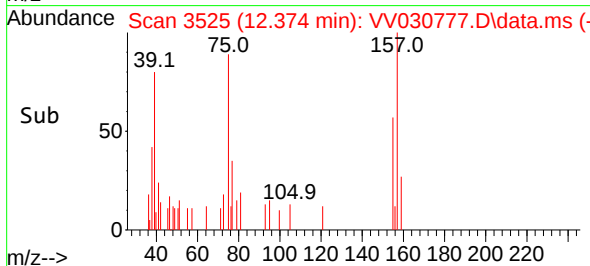
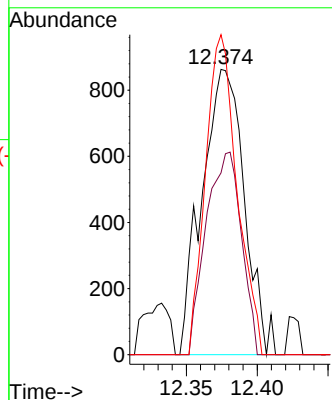
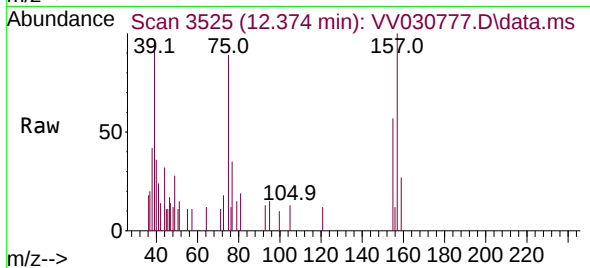
Tgt Ion: 75 Resp: 1795

Ion Ratio Lower Upper

75 100

155 63.7 65.0 97.6#

157 112.2 84.4 126.6



#69

1,3,5-Trichlorobenzene

Concen: 2.272 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. -0.000 min

Lab File: VV030777.D

Acq: 21 Apr 2023 20:43

Tgt Ion: 180 Resp: 5884

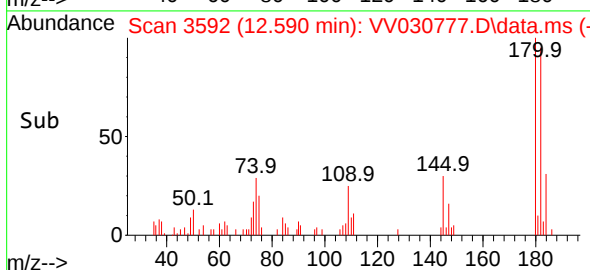
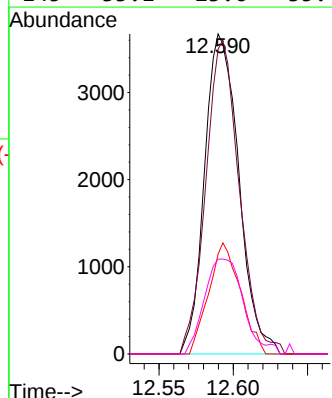
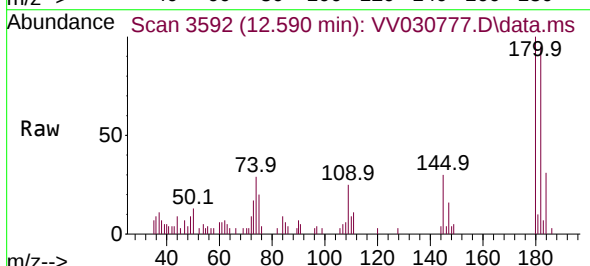
Ion Ratio Lower Upper

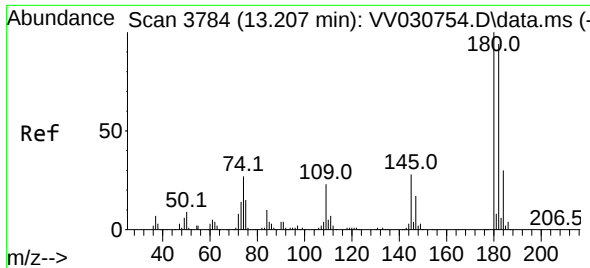
180 100

182 96.1 76.4 114.6

184 32.1 24.1 36.1

145 33.1 23.6 35.4

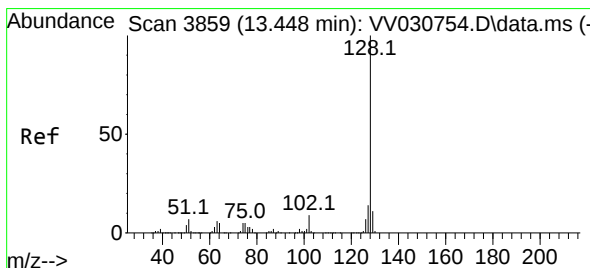
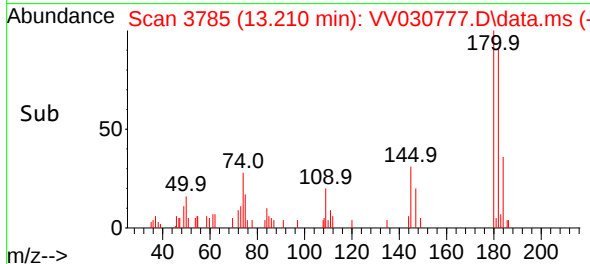
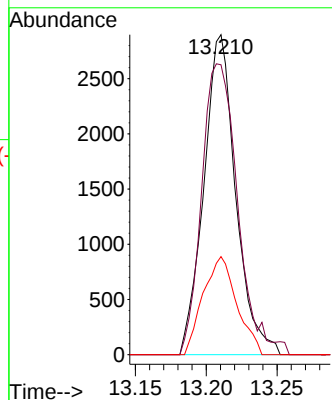
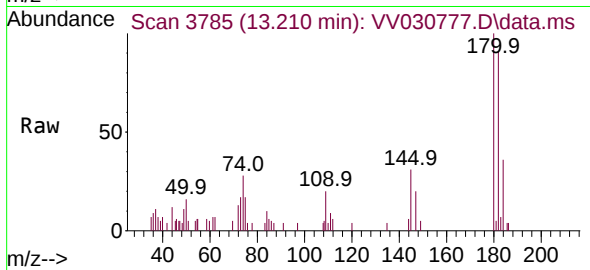




#70
1,2,4-trichlorobenzene
Concen: 2.067 ug/L
RT: 13.210 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

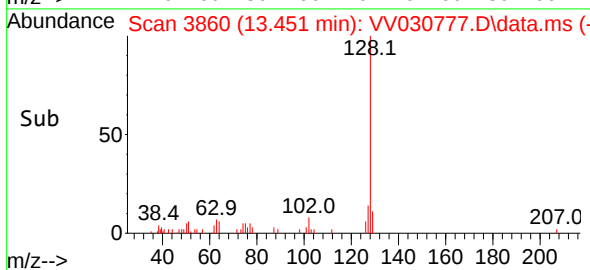
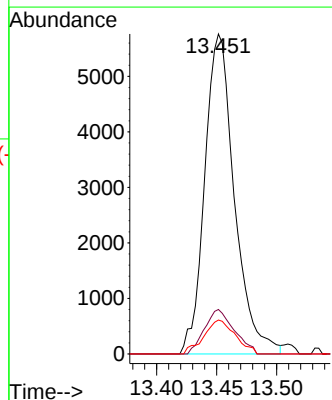
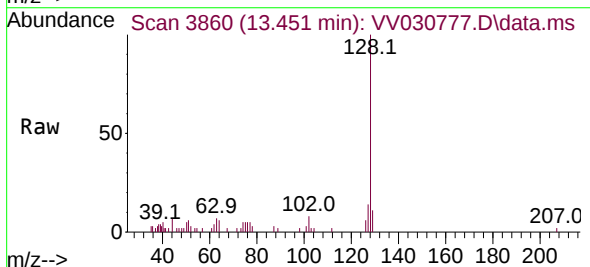
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2023-04

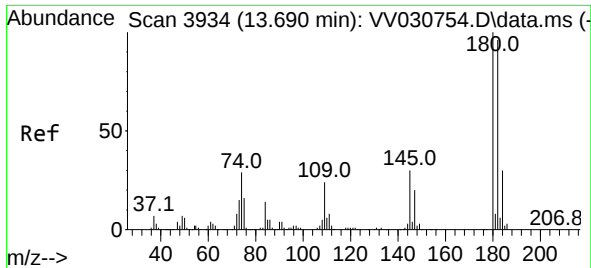
Tgt Ion:180 Resp: 4544
Ion Ratio Lower Upper
180 100
182 101.0 75.9 113.9
145 32.3 23.4 35.2



#71
Naphthalene
Concen: 1.652 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030777.D
Acq: 21 Apr 2023 20:43

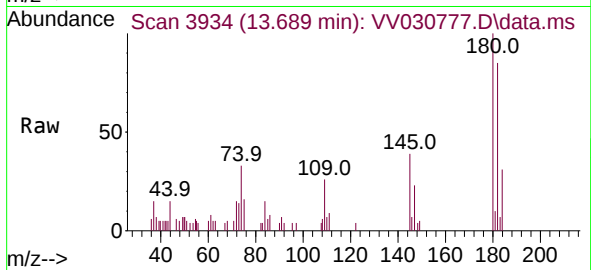
Tgt Ion:128 Resp: 9937
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 11.2 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 1.990 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030777.D
 Acq: 21 Apr 2023 20:43

Instrument : MSVOA_V
 ClientSampleId : MDL-WATER-QT2-2023-04



Tgt Ion:	180	Resp:	4338
Ion	Ratio	Lower	Upper
180	100		
182	87.0	76.2	114.4
145	34.6	25.1	37.7

