

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038980.D
 Acq On : 21 Nov 2023 13:32
 Operator : JC/MD
 Sample : 05431-10 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113

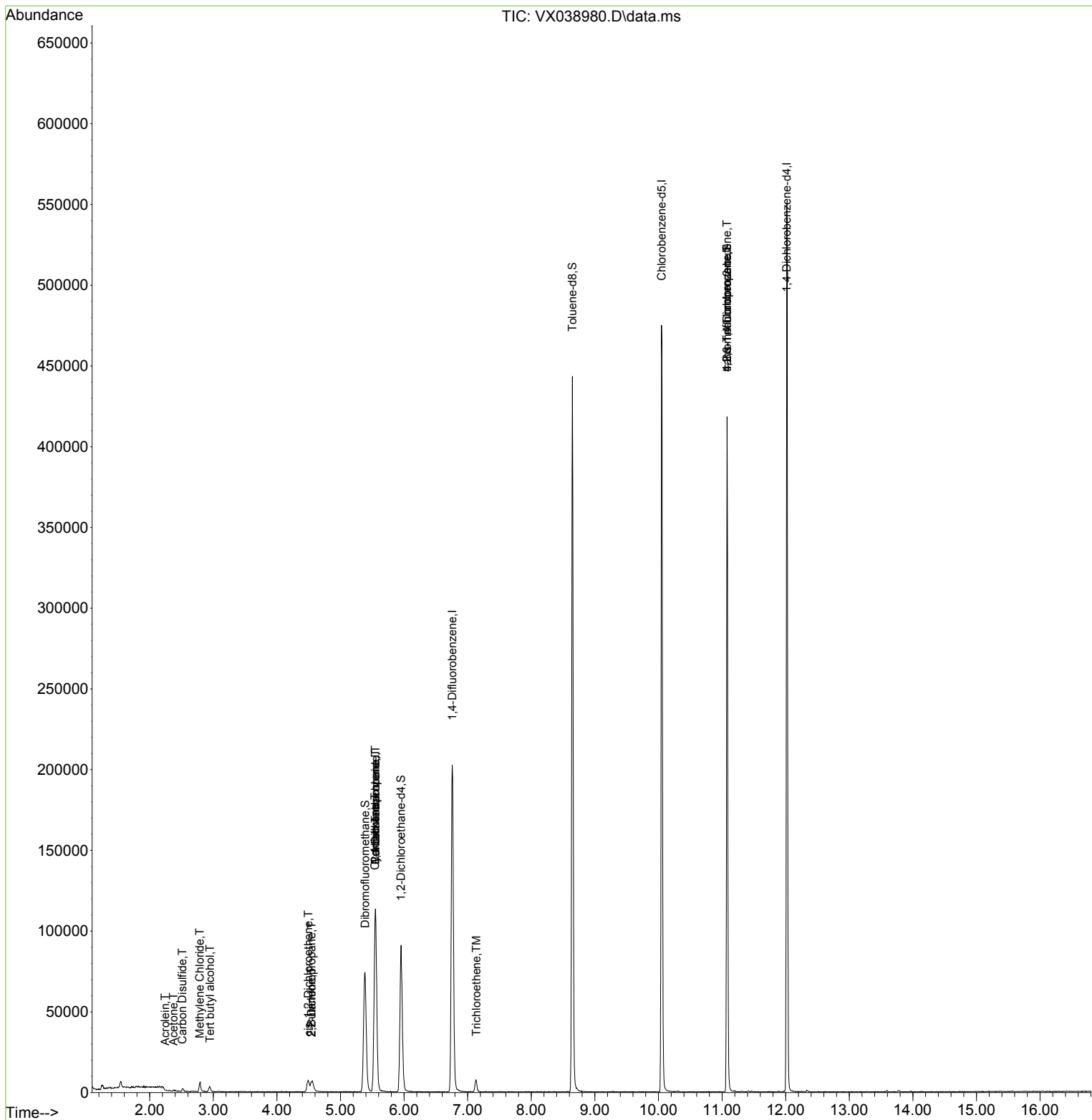
Quant Time: Nov 22 03:19:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

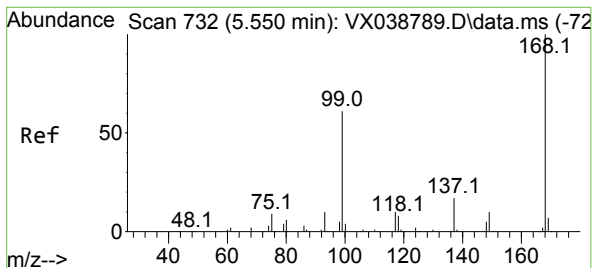
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	100332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82668	51.134	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.260%			
35) Dibromofluoromethane	5.385	113	65279	44.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.060%			
50) Toluene-d8	8.647	98	264786	46.684	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.360%			
62) 4-Bromofluorobenzene	11.079	95	112713	49.642	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.280%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	1931	4.294	ug/l #	78
13) Acrolein	2.239	56	73	0.307	ug/l #	14
16) Acetone	2.373	43	899	1.045	ug/l #	76
17) Carbon Disulfide	2.514	76	838	0.216	ug/l	99
20) Methylene Chloride	2.788	84	2649	1.707	ug/l #	83
25) 2-Butanone	4.544	43	553	0.396	ug/l #	51
26) 2,2-Dichloropropane	4.544	77	576	0.259	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	4509	2.803	ug/l	88
31) Cyclohexane	5.544	56	2836	1.229	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9247	4.352	ug/l #	52
38) Carbon Tetrachloride	5.550	117	11164	5.685	ug/l #	15
44) Trichloroethene	7.135	130	2725	1.781	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	60607	22.613	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	60607	50.157	ug/l #	5

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

Quant Time: Nov 22 03:19:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX038980.D

Acq: 21 Nov 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

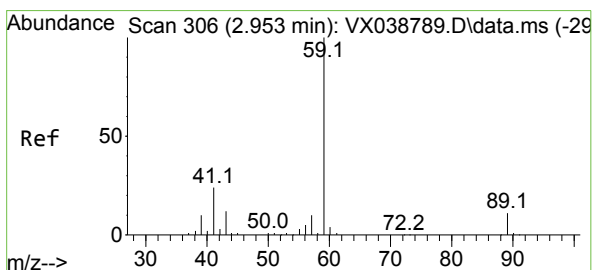
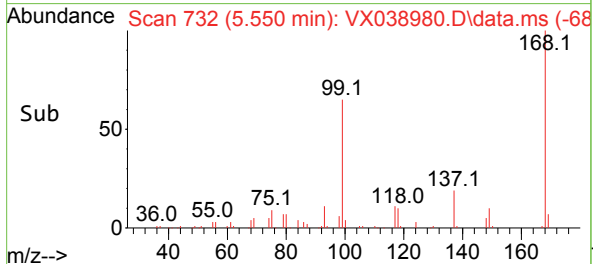
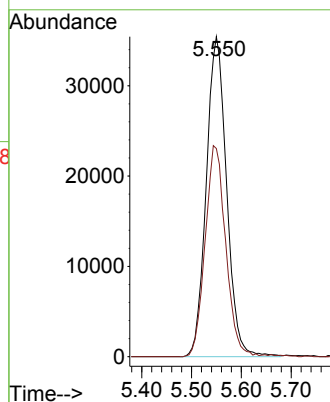
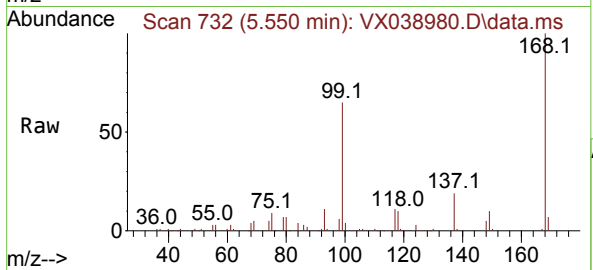
22BR-20231113

Tgt Ion:168 Resp: 100332

Ion Ratio Lower Upper

168 100

99 65.1 56.6 85.0



#11

Tert butyl alcohol

Concen: 4.294 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX038980.D

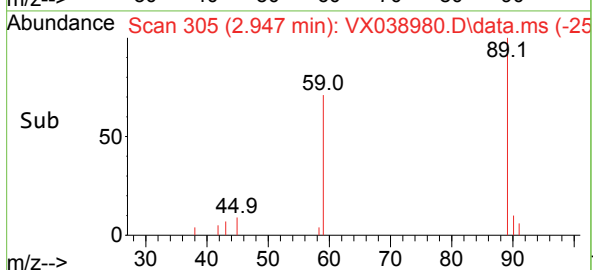
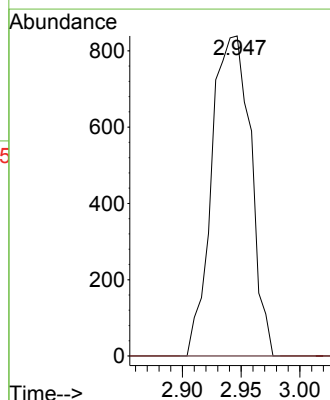
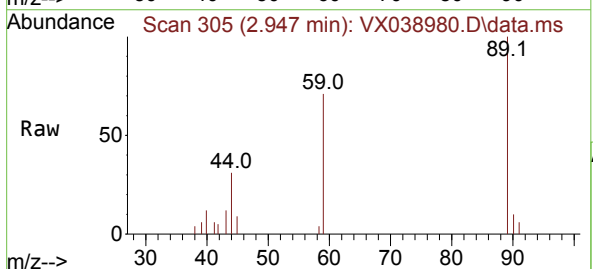
Acq: 21 Nov 2023 13:32

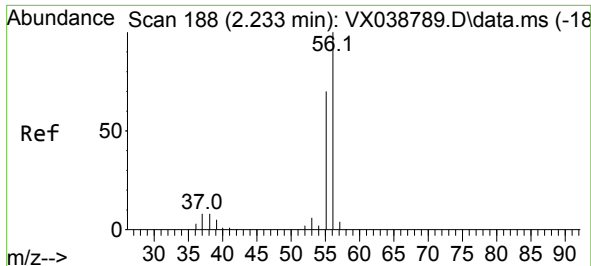
Tgt Ion: 59 Resp: 1931

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

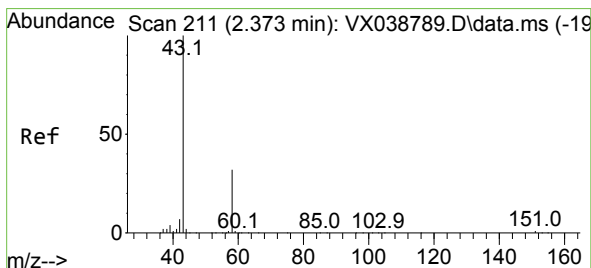
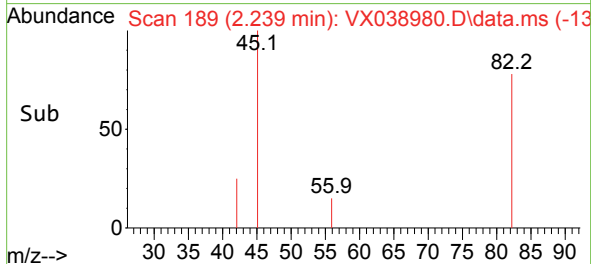
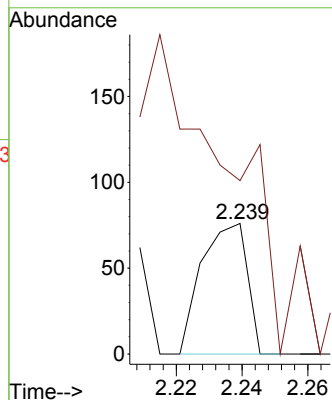
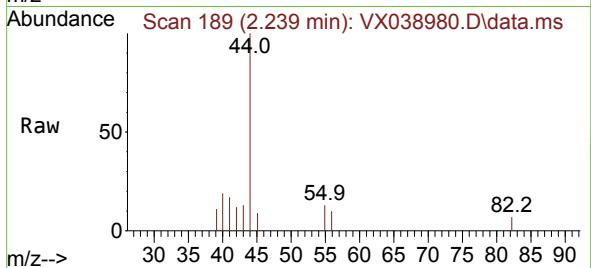




#13
Acrolein
Concen: 0.307 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

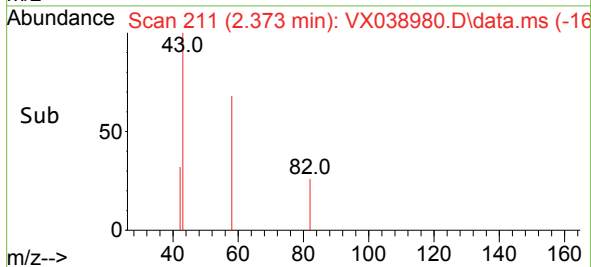
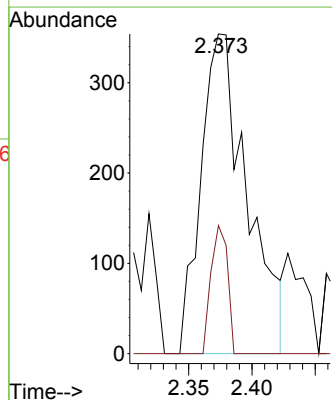
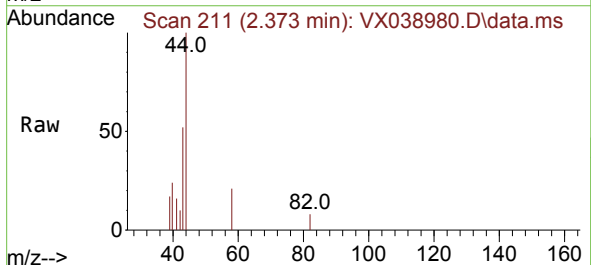
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

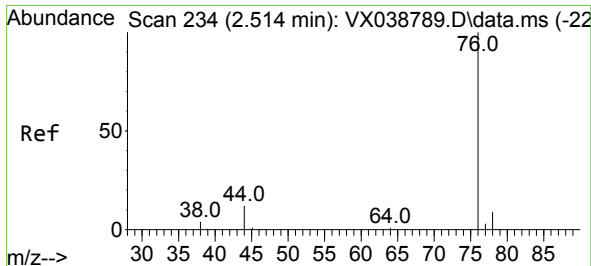
Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.045 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 40.1 21.9 32.9#

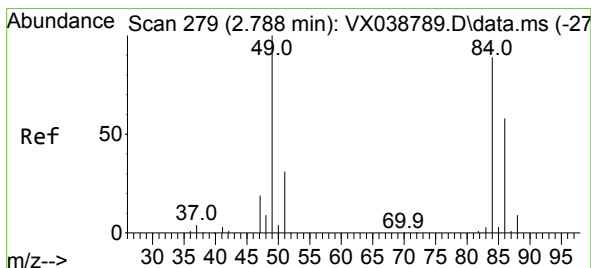
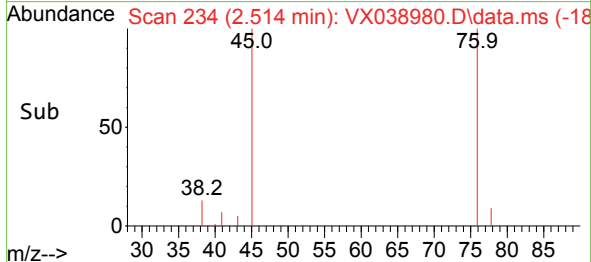
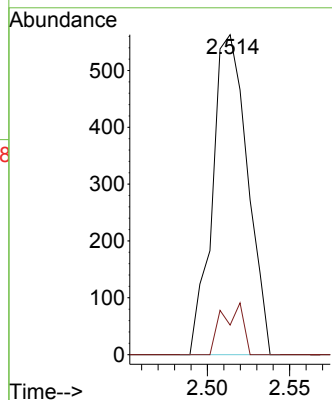
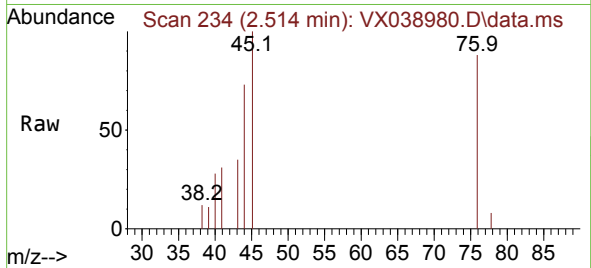




#17
Carbon Disulfide
Concen: 0.216 ug/l
RT: 2.514 min Scan# 217
Delta R.T. 0.000 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

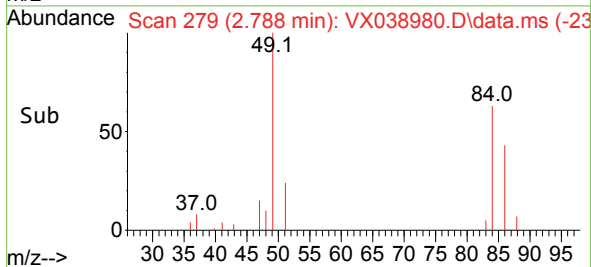
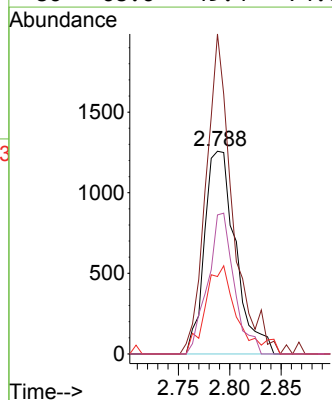
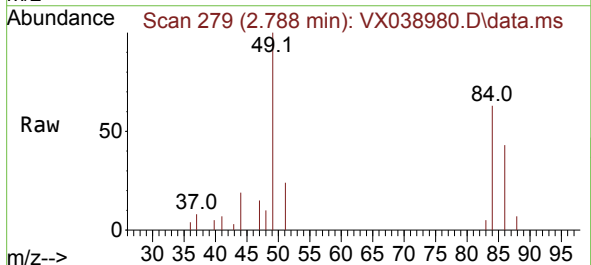
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

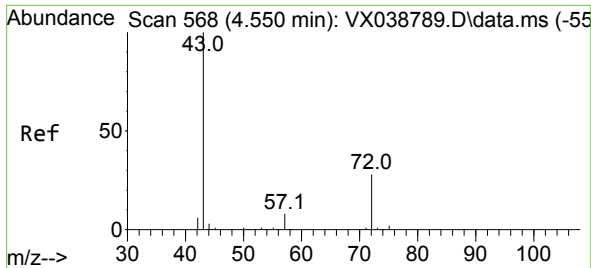
Tgt Ion: 76 Resp: 838
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#20
Methylene Chloride
Concen: 1.707 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

Tgt Ion: 84 Resp: 2649
Ion Ratio Lower Upper
84 100
49 157.9 103.6 155.4#
51 38.2 33.8 50.6
86 68.6 49.4 74.0





#25

2-Butanone

Concen: 0.396 ug/l

RT: 4.544 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX038980.D

Acq: 21 Nov 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

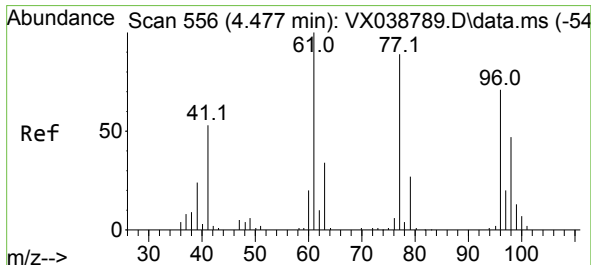
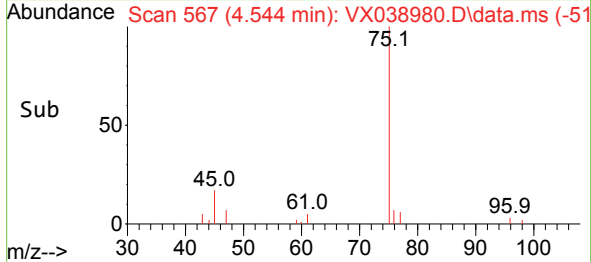
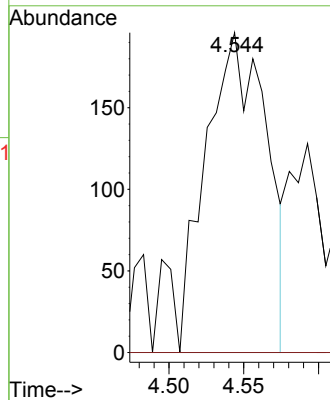
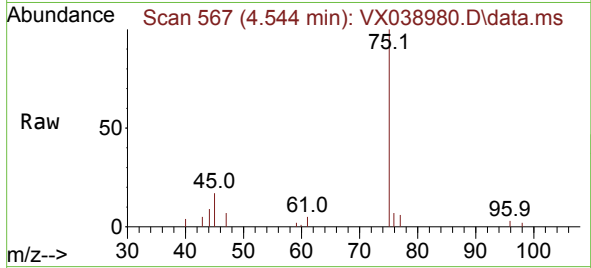
22BR-20231113

Tgt Ion: 43 Resp: 553

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.259 ug/l

RT: 4.544 min Scan# 567

Delta R.T. 0.067 min

Lab File: VX038980.D

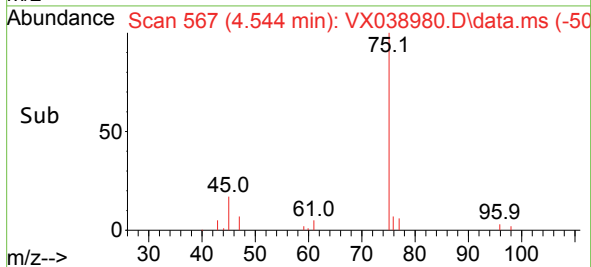
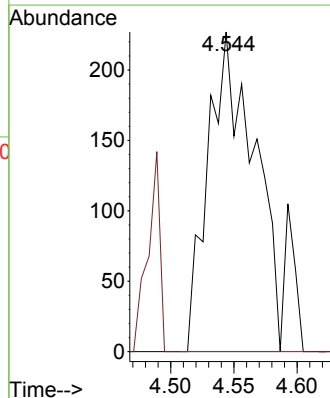
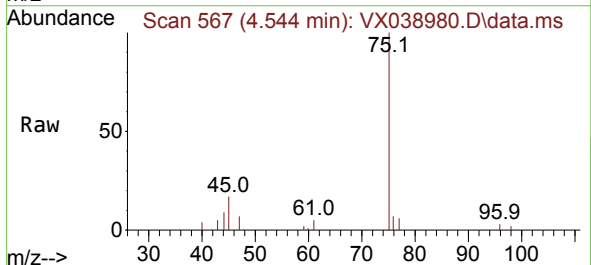
Acq: 21 Nov 2023 13:32

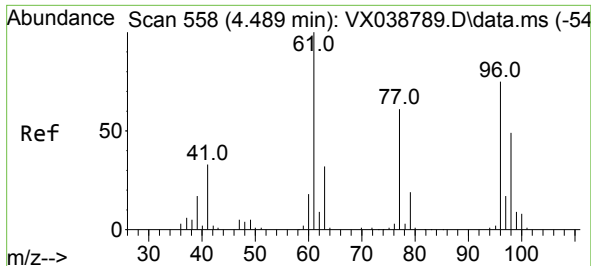
Tgt Ion: 77 Resp: 576

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#

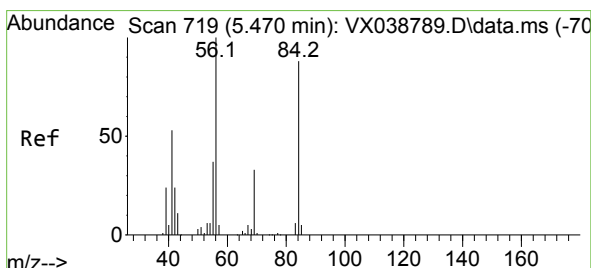
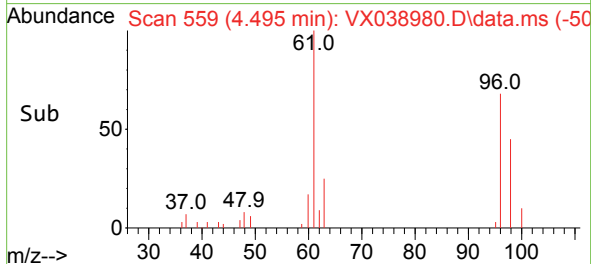
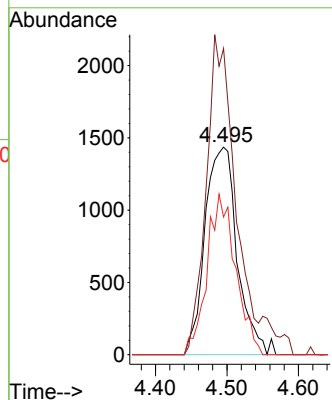
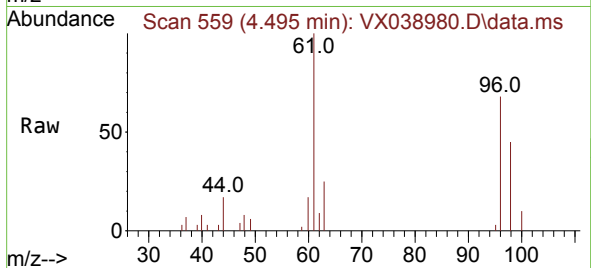




#27
cis-1,2-Dichloroethene
Concen: 2.803 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

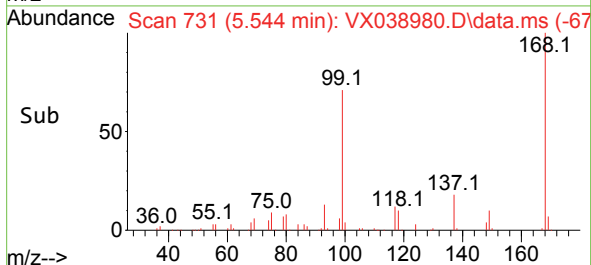
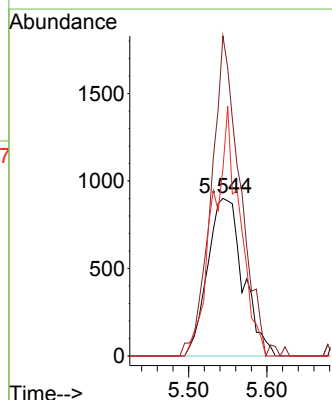
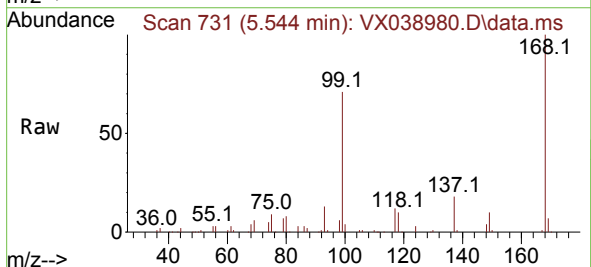
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

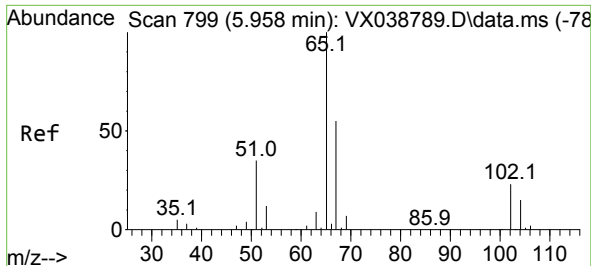
Tgt Ion: 96 Resp: 4509
Ion Ratio Lower Upper
96 100
61 136.3 0.0 312.2
98 68.7 0.0 129.0



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

Tgt Ion: 56 Resp: 2836
Ion Ratio Lower Upper
56 100
69 203.0 23.4 35.2#
84 118.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 51.134 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038980.D

Acq: 21 Nov 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

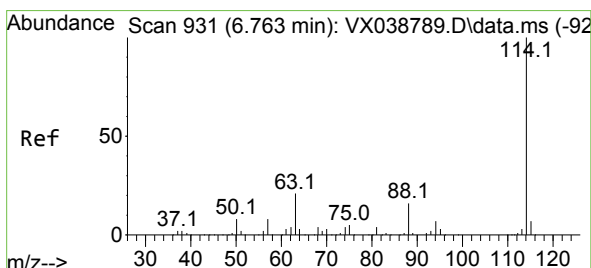
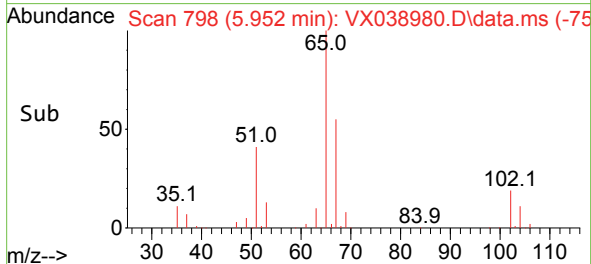
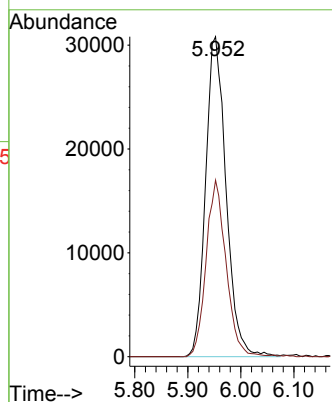
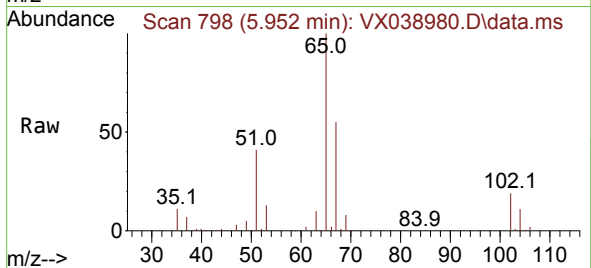
22BR-20231113

Tgt Ion: 65 Resp: 82668

Ion Ratio Lower Upper

65 100

67 53.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038980.D

Acq: 21 Nov 2023 13:32

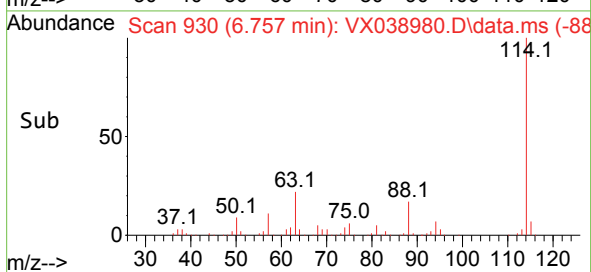
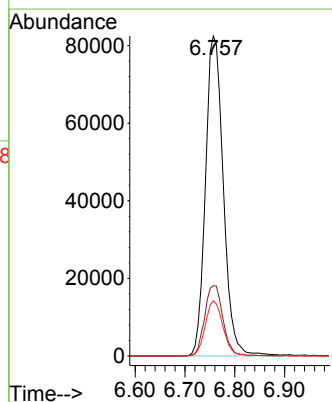
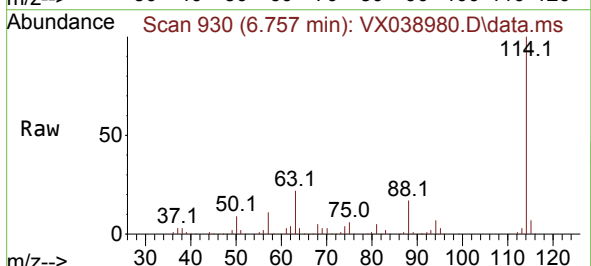
Tgt Ion:114 Resp: 205262

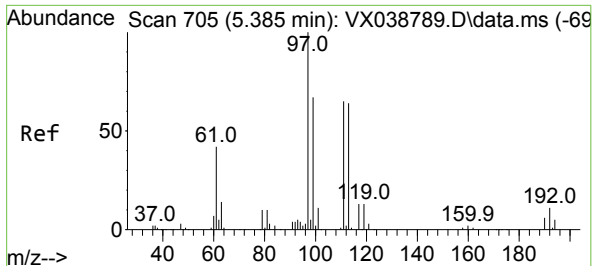
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

88 17.2 0.0 36.6

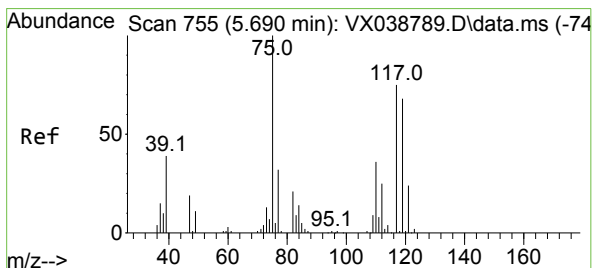
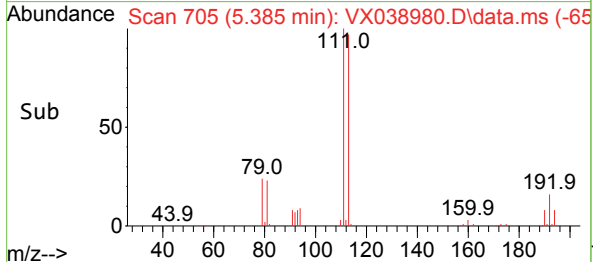
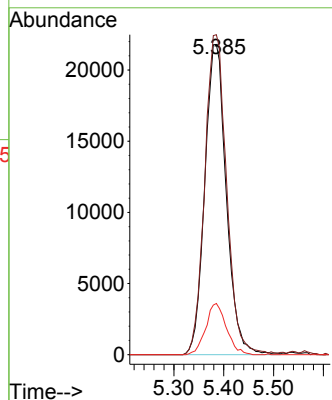
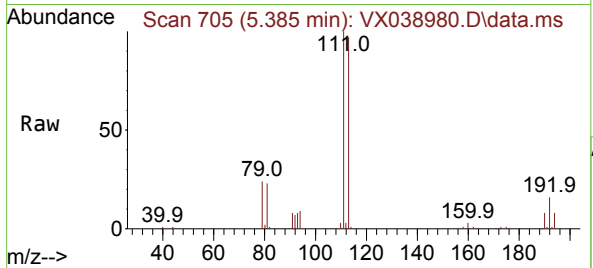




#35
Dibromofluoromethane
Concen: 44.034 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

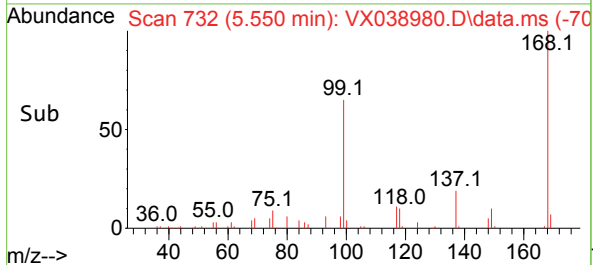
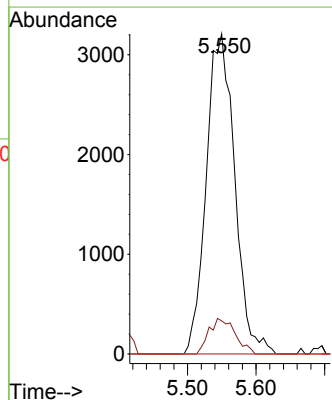
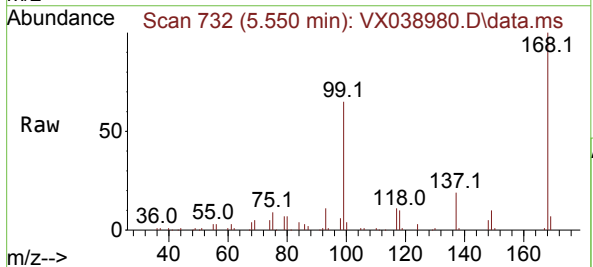
Instrument :
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22BR-20231113

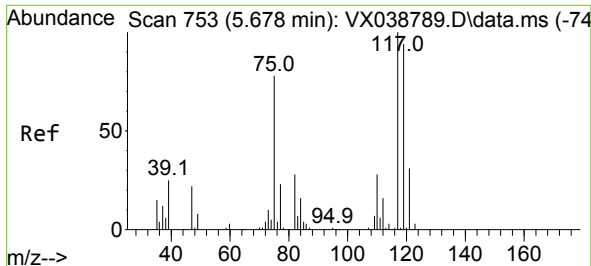
Tgt Ion:113 Resp: 65279
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 15.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.352 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

Tgt Ion: 75 Resp: 9247
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#

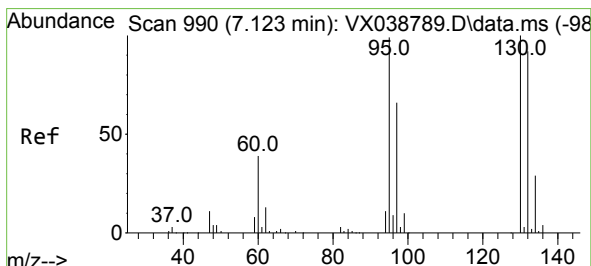
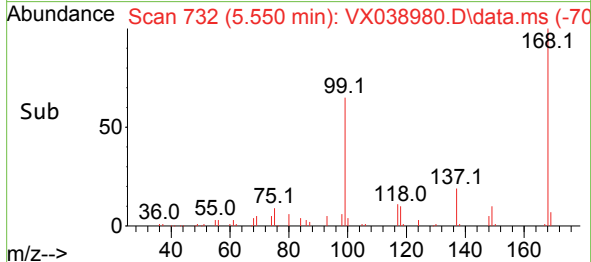
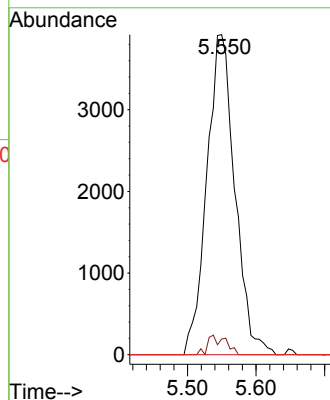
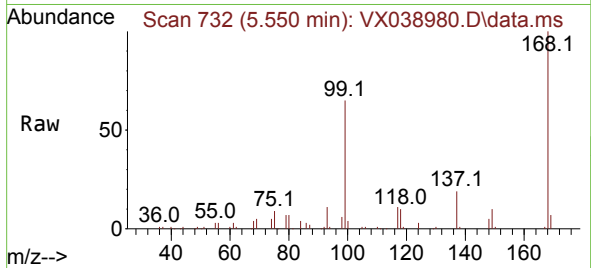




#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

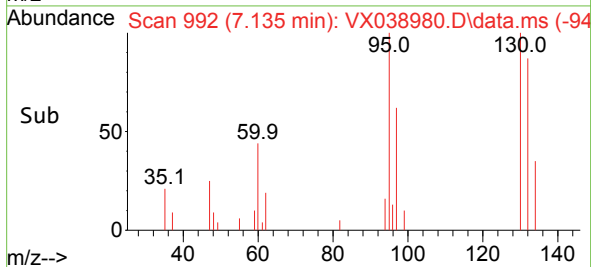
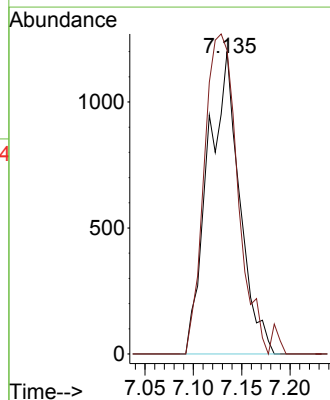
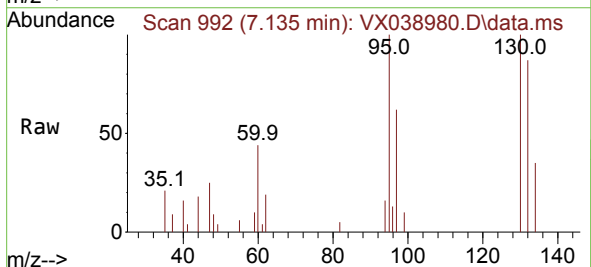
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

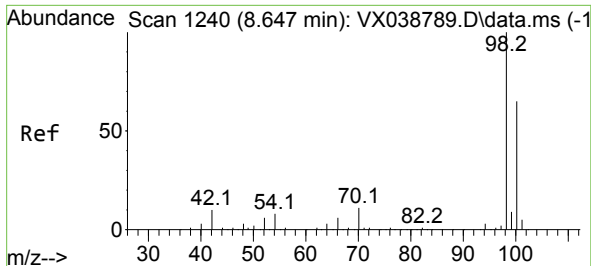
Tgt Ion:117 Resp: 11164
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.781 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

Tgt Ion:130 Resp: 2725
Ion Ratio Lower Upper
130 100
95 100.3 0.0 204.4

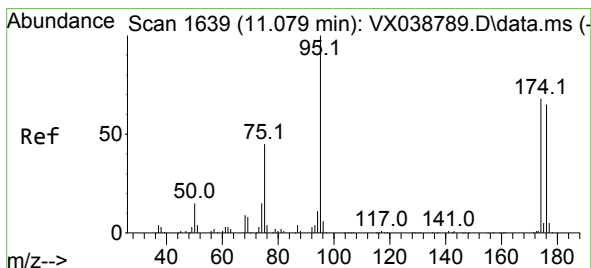
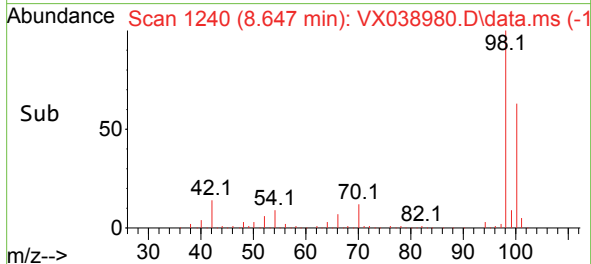
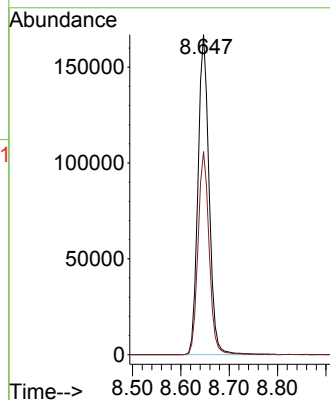
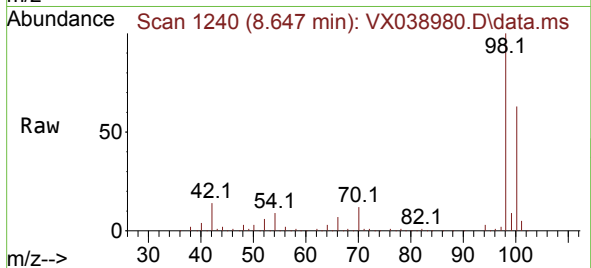




#50
Toluene-d8
Concen: 46.684 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

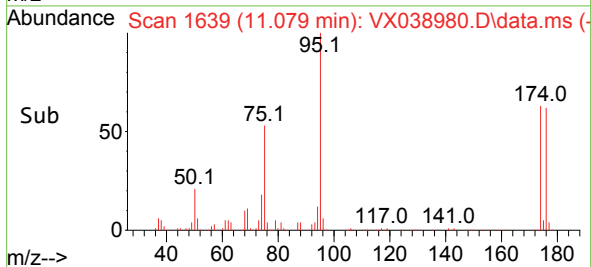
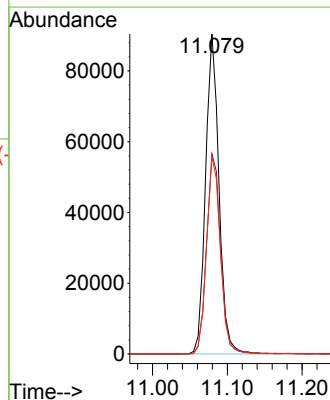
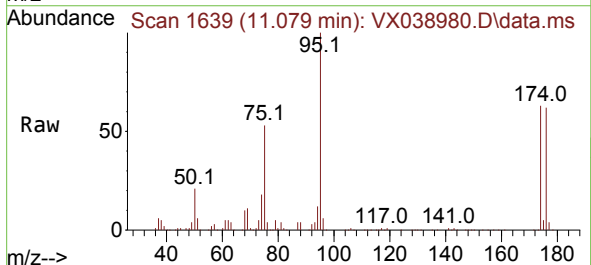
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

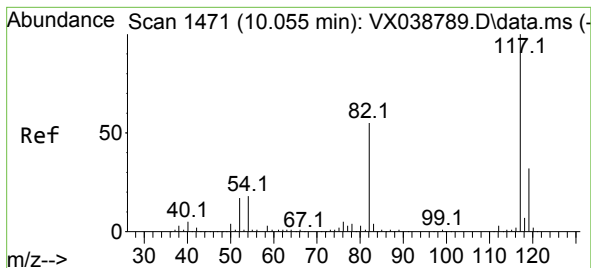
Tgt Ion: 98 Resp: 264786
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.642 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

Tgt Ion: 95 Resp: 112713
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.6
176 63.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX038980.D

Acq: 21 Nov 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

22BR-20231113

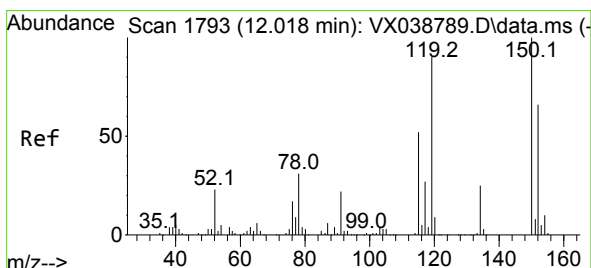
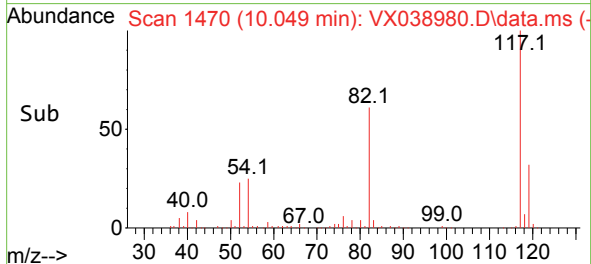
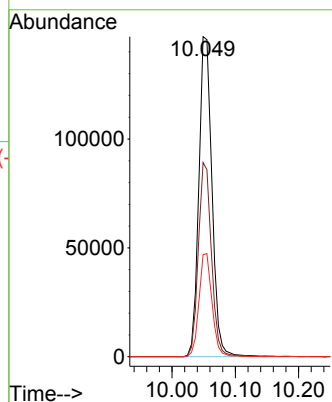
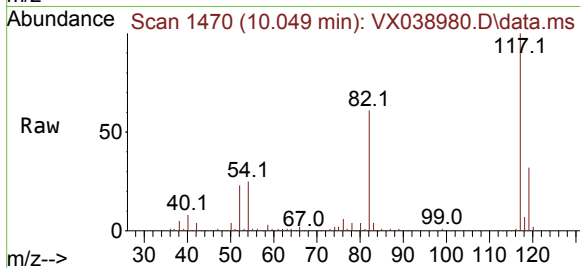
Tgt Ion:117 Resp: 212838

Ion Ratio Lower Upper

117 100

82 60.7 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX038980.D

Acq: 21 Nov 2023 13:32

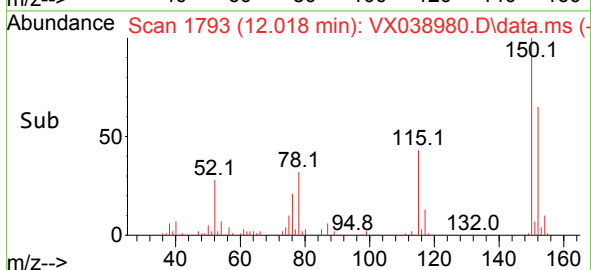
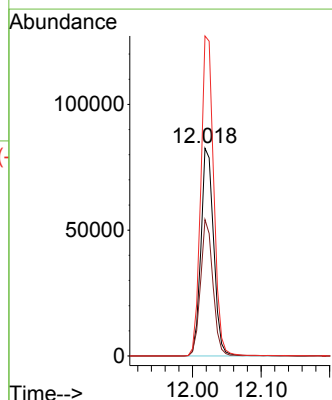
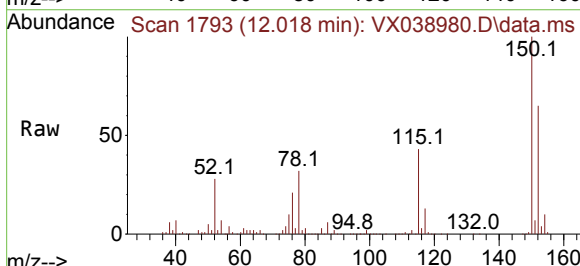
Tgt Ion:152 Resp: 107425

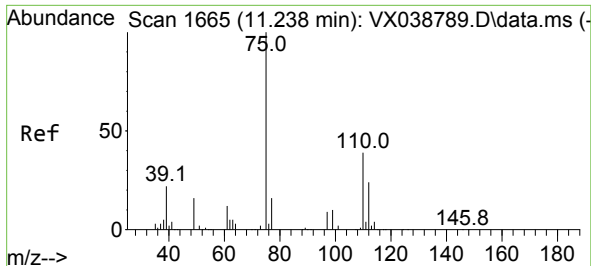
Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 155.9 0.0 345.0

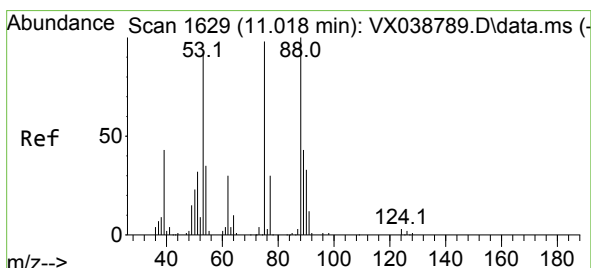
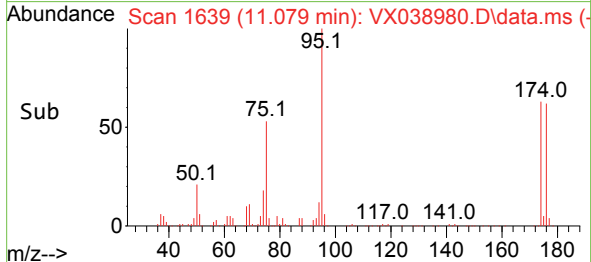
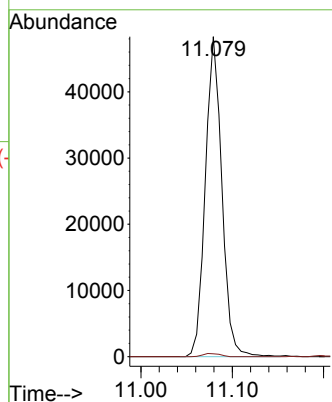
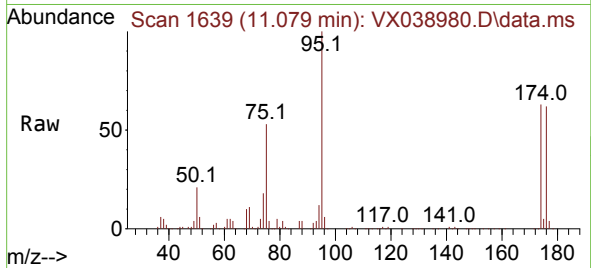




#76
1,2,3-Trichloropropane
Concen: 22.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

Tgt Ion: 75 Resp: 60607
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038980.D
Acq: 21 Nov 2023 13:32

Tgt Ion: 75 Resp: 60607
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

