

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038964.D
 Acq On : 20 Nov 2023 17:23
 Operator : JC/MD
 Sample : 05431-08 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 8BR-20231113

Quant Time: Nov 21 00:23:35 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)

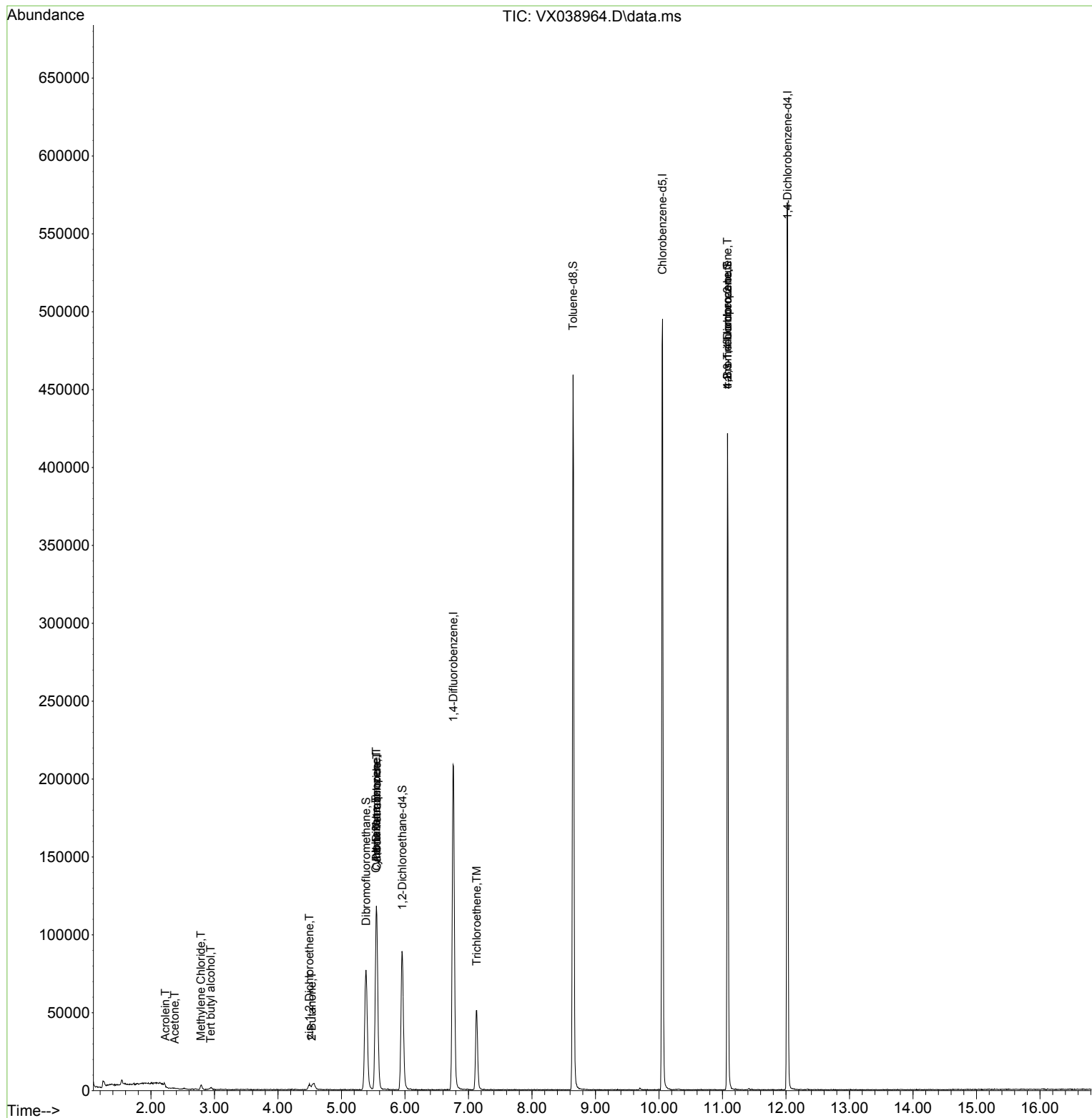
Internal Standards						
1) Pentafluorobenzene	5.550	168	103614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86330	51.708	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.420%			
35) Dibromofluoromethane	5.385	113	69015	44.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.020%			
50) Toluene-d8	8.647	98	271255	45.721	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.440%#			
62) 4-Bromofluorobenzene	11.079	95	115311	48.553	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.100%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	850	1.830	ug/l #	89
13) Acrolein	2.227	56	88	0.358	ug/l #	1
16) Acetone	2.374	43	1102	1.240	ug/l #	87
20) Methylene Chloride	2.788	84	1321	0.825	ug/l	92
25) 2-Butanone	4.532	43	296	0.205	ug/l #	51
27) cis-1,2-Dichloroethene	4.495	96	1924	1.158	ug/l	85
31) Cyclohexane	5.544	56	2922	1.226	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9587	4.314	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12066	5.874	ug/l #	14
44) Trichloroethene	7.129	130	19247	12.029	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	62740	23.039	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62740	51.103	ug/l #	5

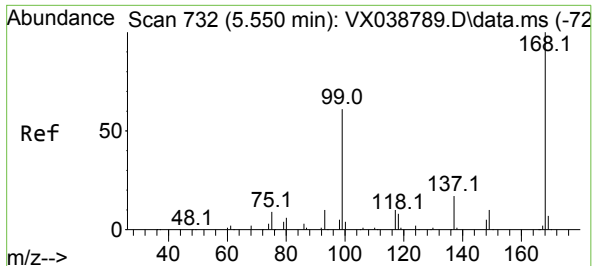
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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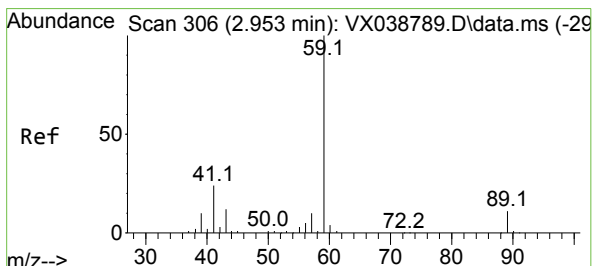
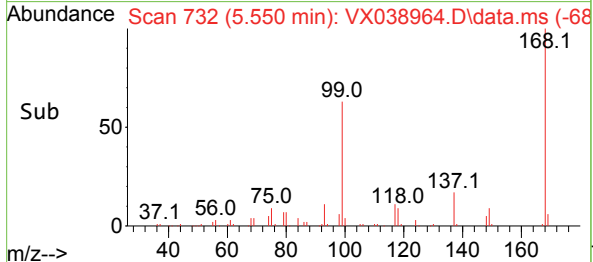
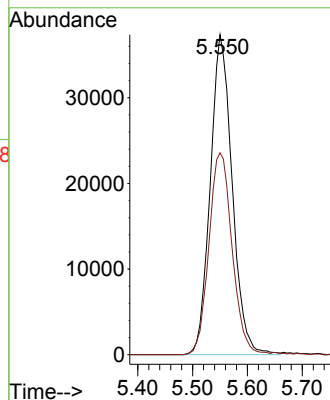
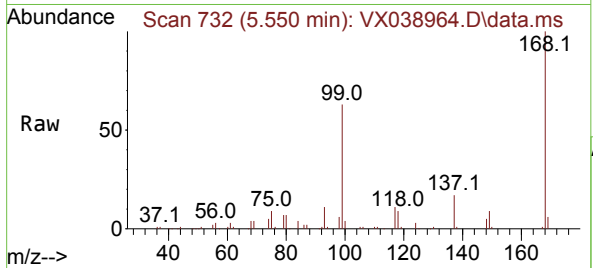




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

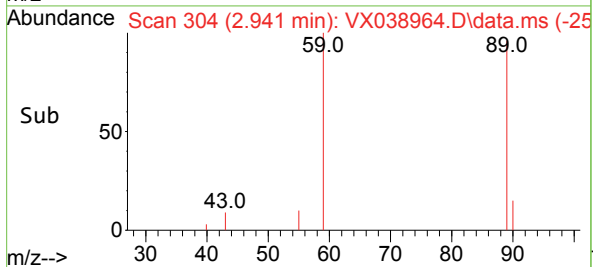
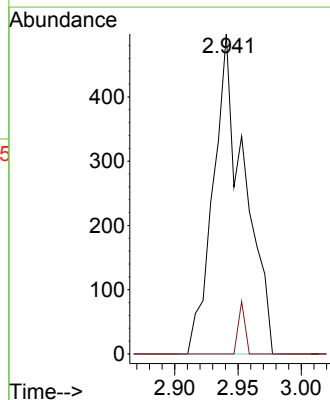
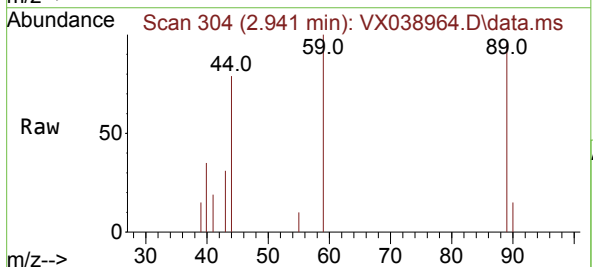
Instrument :
MSVOA_X
ClientSampleId :
8BR-20231113

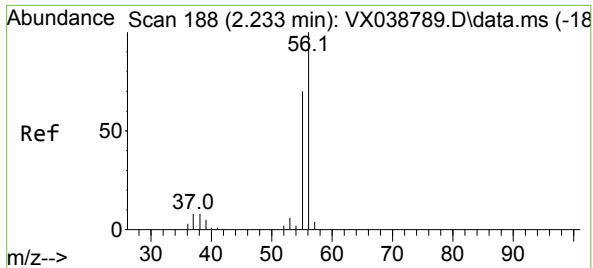
Tgt Ion:168 Resp: 103614
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.830 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

Tgt Ion: 59 Resp: 850
Ion Ratio Lower Upper
59 100
57 3.5 6.0 9.0#

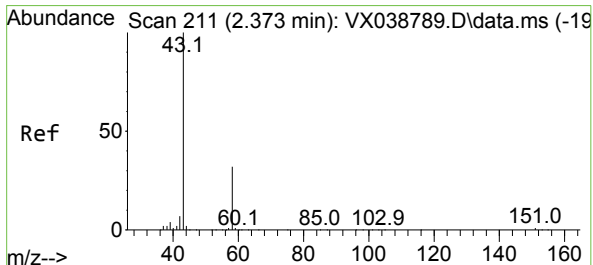
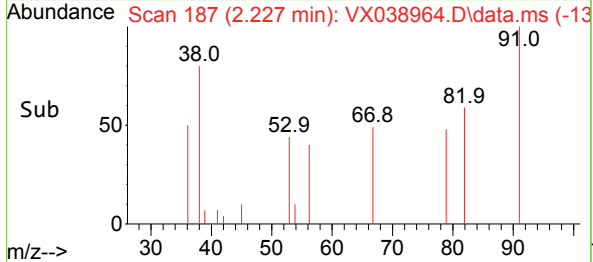
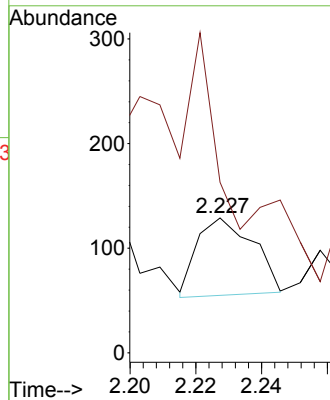
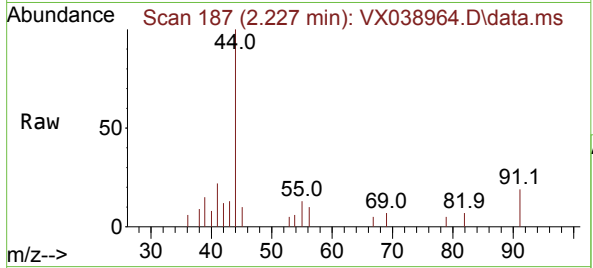




#13
Acrolein
Concen: 0.358 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

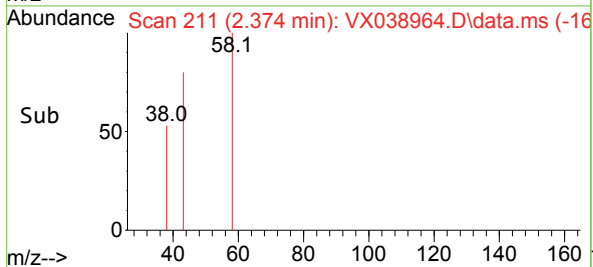
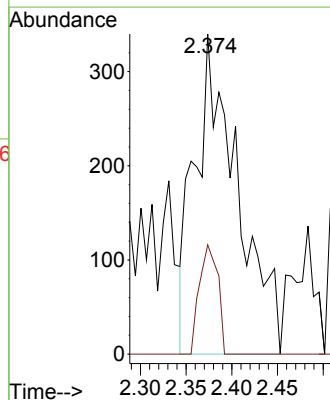
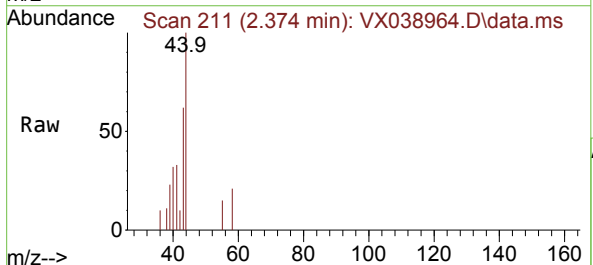
Instrument : MSVOA_X
ClientSampleId : 8BR-20231113

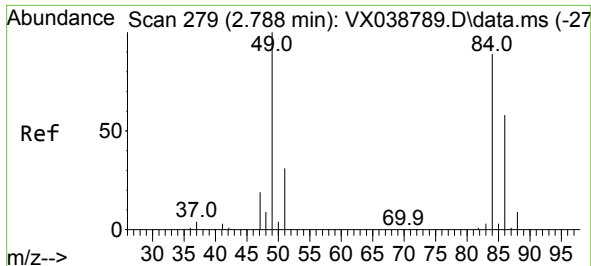
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 489.8 57.1 85.7#



#16
Acetone
Concen: 1.240 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#



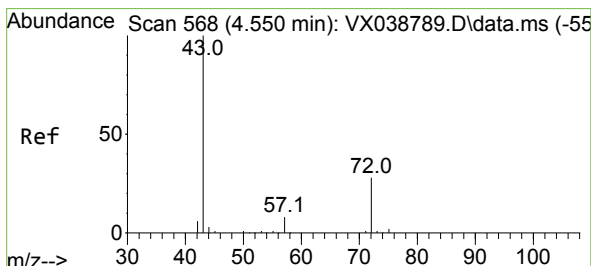
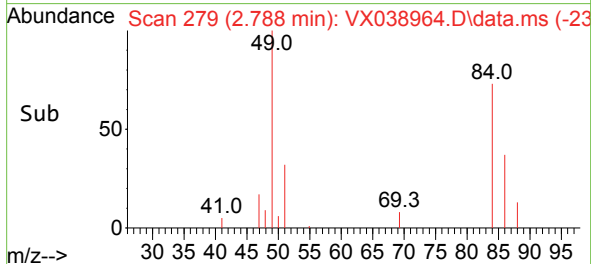
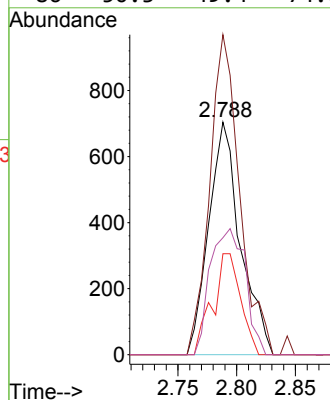
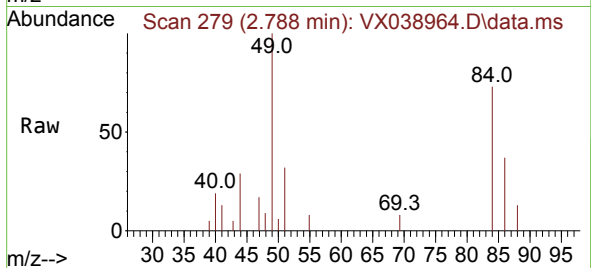


#20
Methylene Chloride
Concen: 0.825 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

Instrument :
MSVOA_X
ClientSampleId :
8BR-20231113

Tgt Ion: 84 Resp: 1321

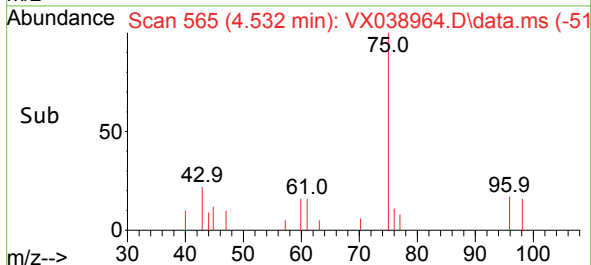
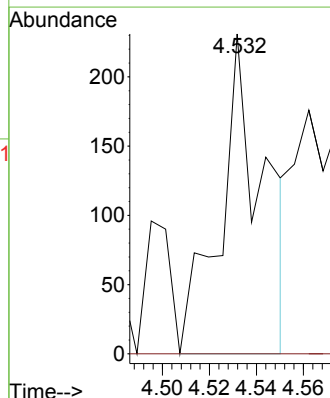
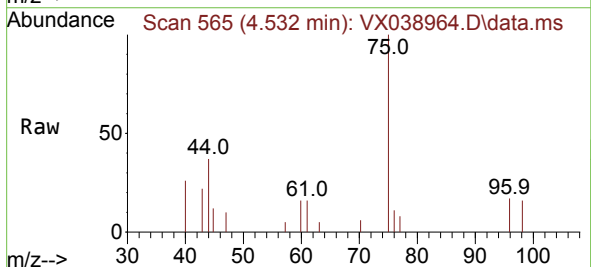
Ion	Ratio	Lower	Upper
84	100		
49	137.6	103.6	155.4
51	43.5	33.8	50.6
86	50.3	49.4	74.0

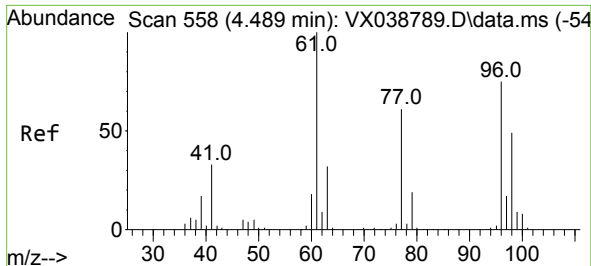


#25
2-Butanone
Concen: 0.205 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.018 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

Tgt Ion: 43 Resp: 296

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#27

cis-1,2-Dichloroethene

Concen: 1.158 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038964.D

Acq: 20 Nov 2023 17:23

Instrument :

MSVOA_X

ClientSampleId :

8BR-20231113

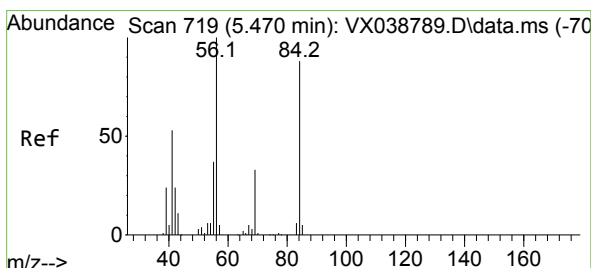
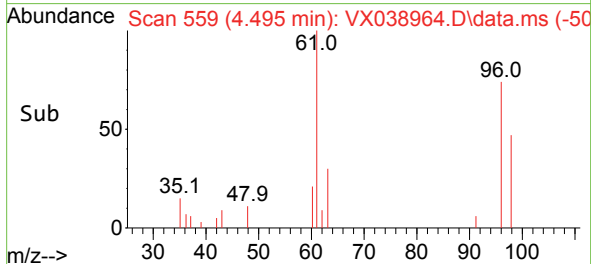
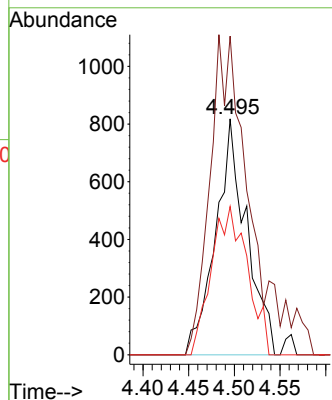
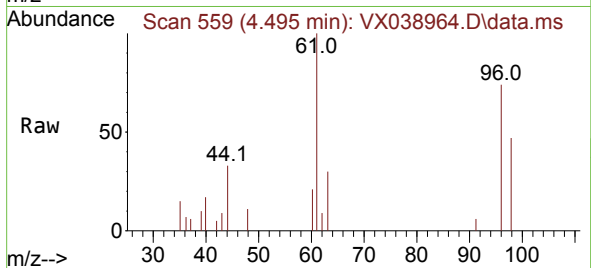
Tgt Ion: 96 Resp: 1924

Ion Ratio Lower Upper

96 100

61 177.3 0.0 312.2

98 73.2 0.0 129.0



#31

Cyclohexane

Concen: 1.226 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX038964.D

Acq: 20 Nov 2023 17:23

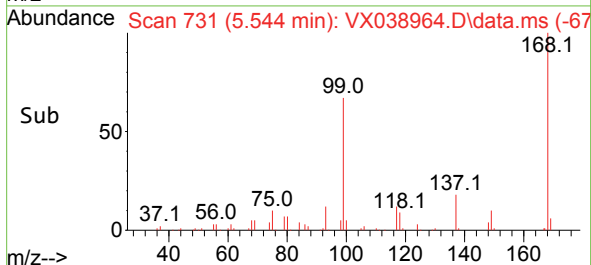
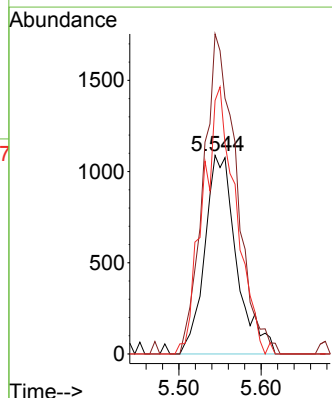
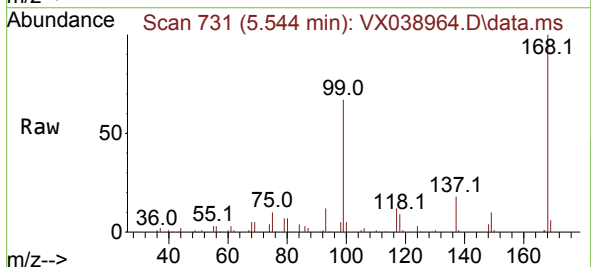
Tgt Ion: 56 Resp: 2922

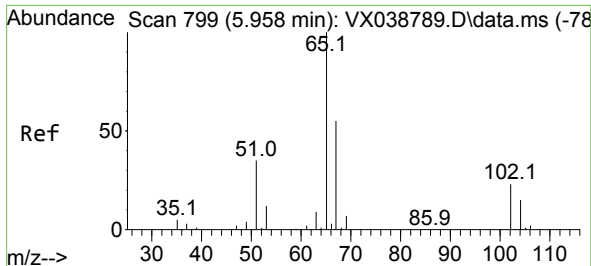
Ion Ratio Lower Upper

56 100

69 161.2 23.4 35.2#

84 127.7 65.9 98.9#

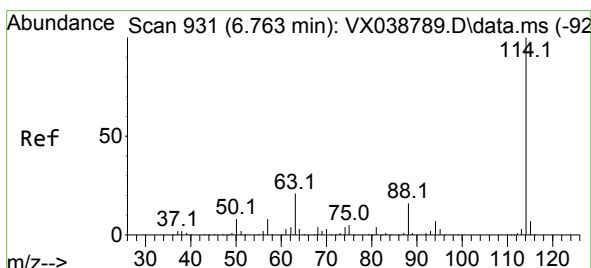
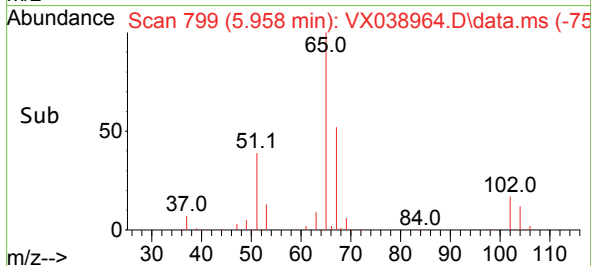
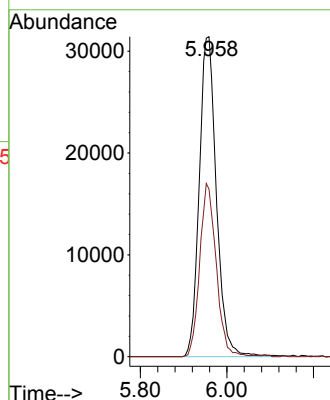
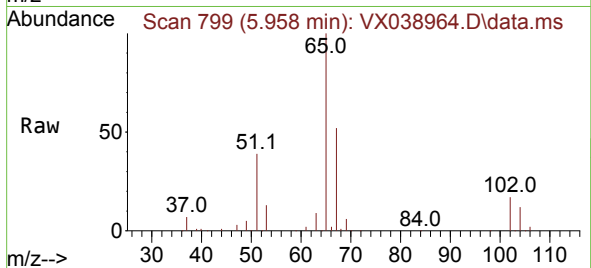




#33
1,2-Dichloroethane-d4
Concen: 51.708 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

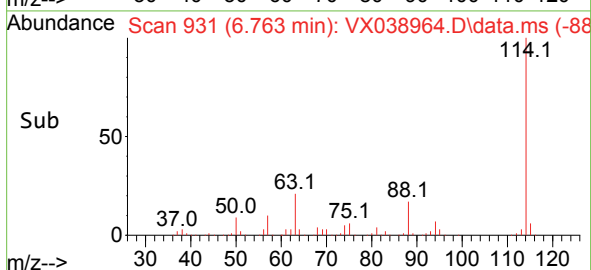
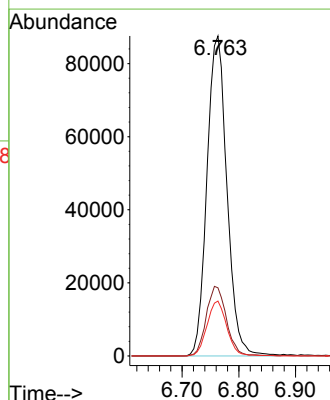
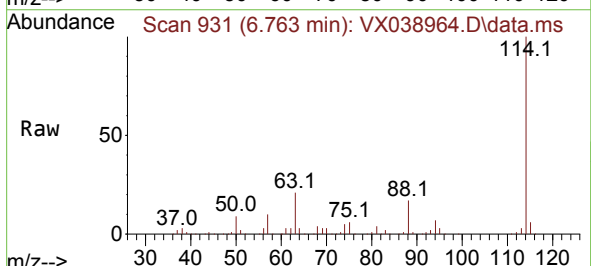
Instrument :
MSVOA_X
ClientSampleId :
8BR-20231113

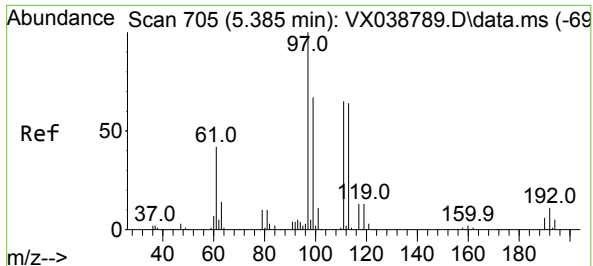
Tgt Ion: 65 Resp: 86330
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

Tgt Ion:114 Resp: 214704
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 17.2 0.0 36.6

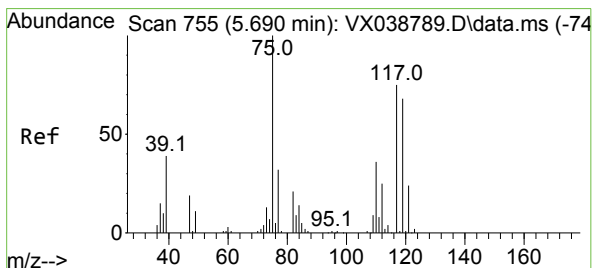
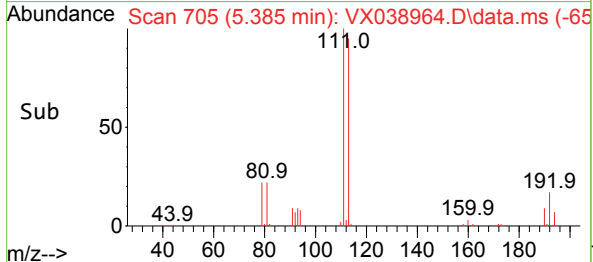
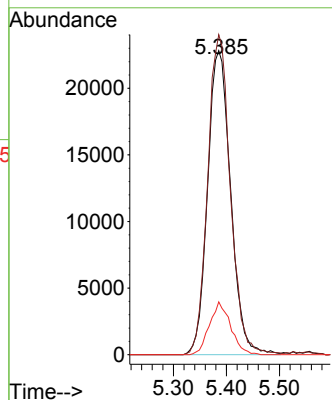
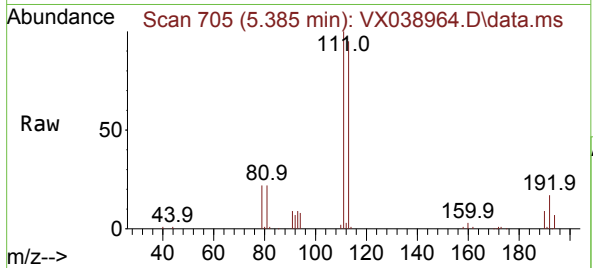




#35
Dibromofluoromethane
Concen: 44.507 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

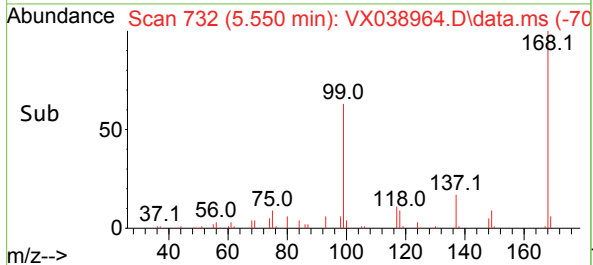
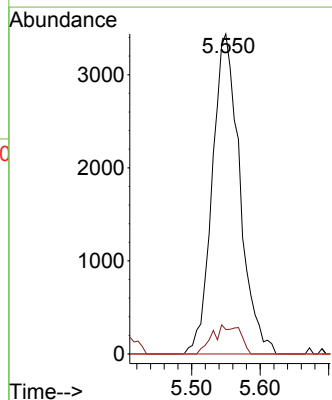
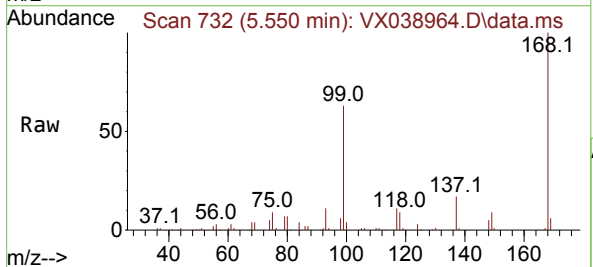
Instrument :
MSVOA_X
ClientSampleId :
8BR-20231113

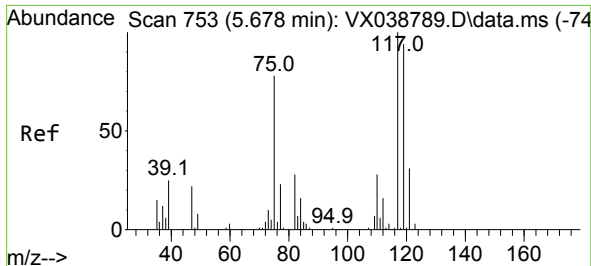
Tgt Ion:113 Resp: 69015
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.314 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

Tgt Ion: 75 Resp: 9587
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#

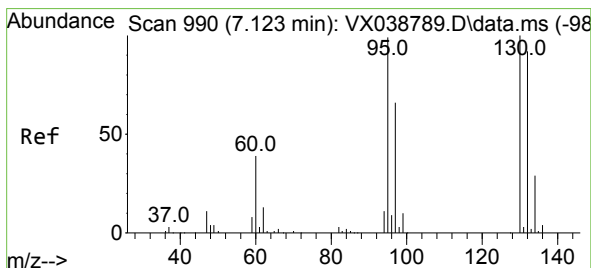
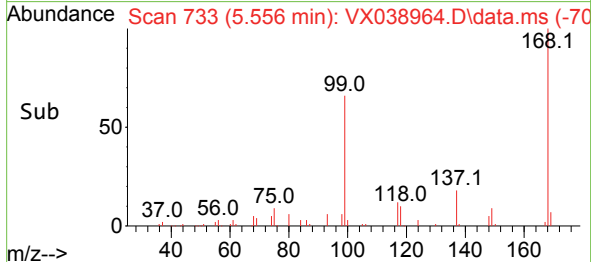
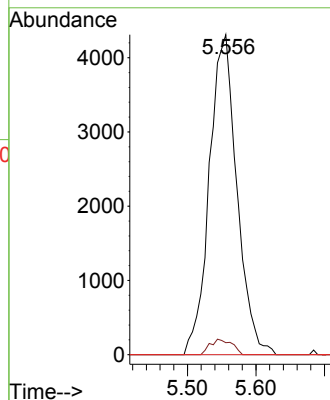
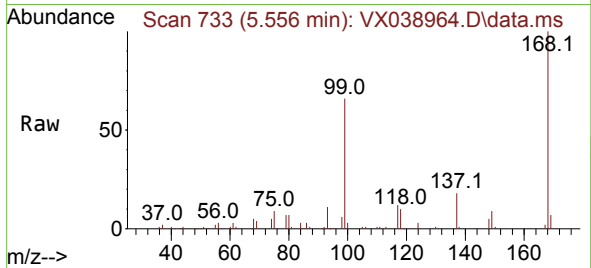




#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

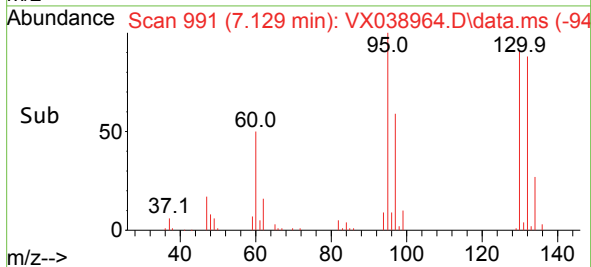
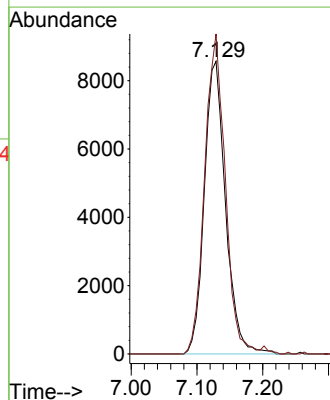
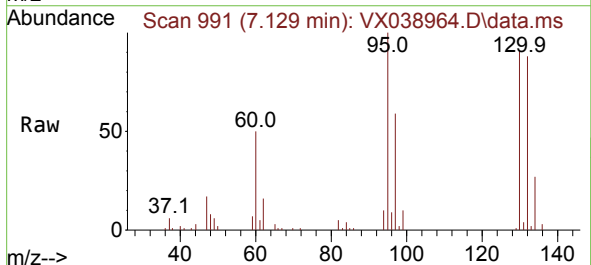
Instrument :
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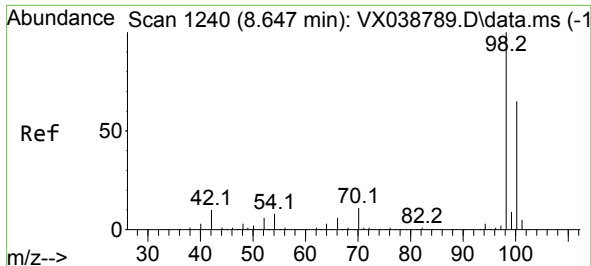
Tgt Ion:117 Resp: 12066
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 12.029 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

Tgt Ion:130 Resp: 19247
Ion Ratio Lower Upper
130 100
95 109.4 0.0 204.4

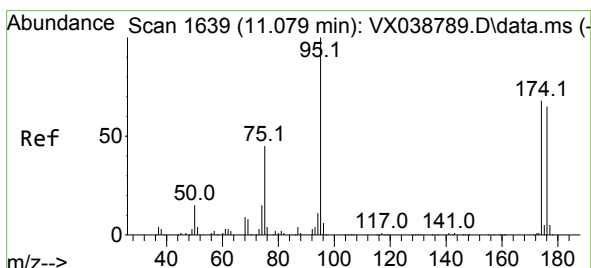
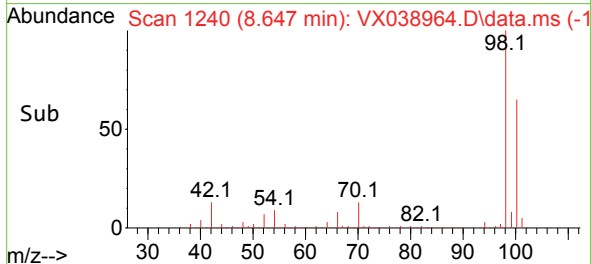
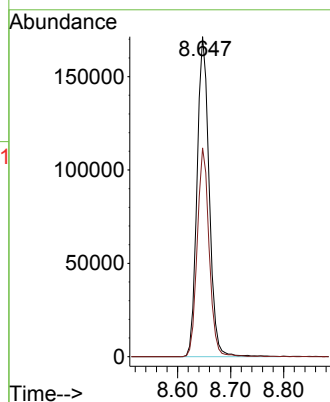
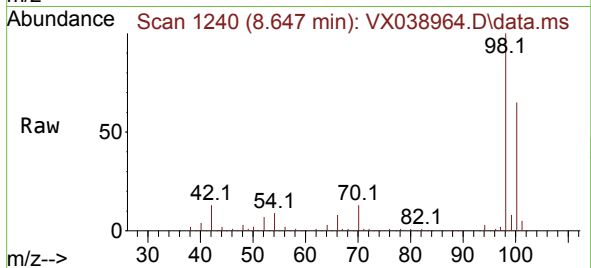




#50
Toluene-d8
Concen: 45.721 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

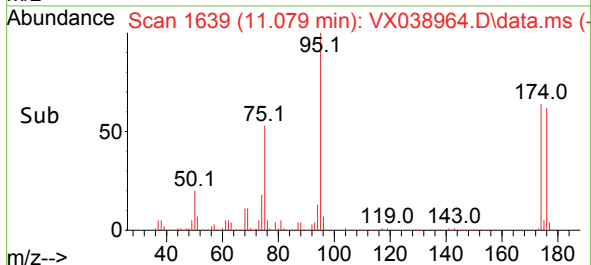
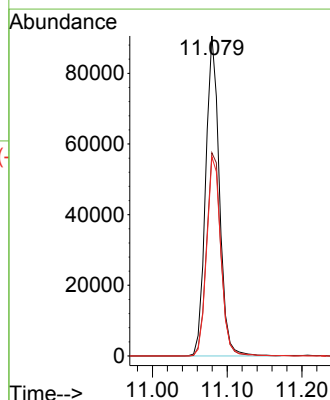
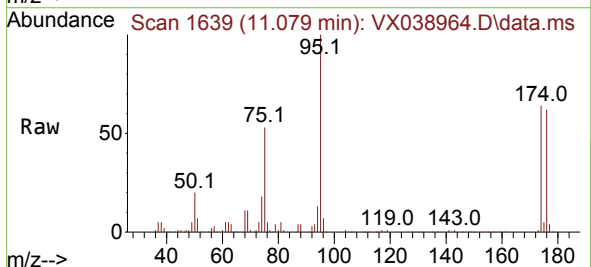
Instrument :
MSVOA_X
ClientSampleId :
8BR-20231113

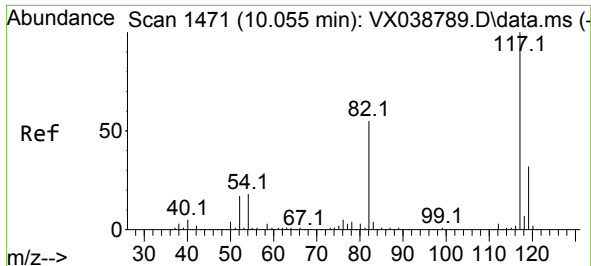
Tgt Ion: 98 Resp: 271255
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

Tgt Ion: 95 Resp: 115311
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.6
176 64.3 0.0 131.0

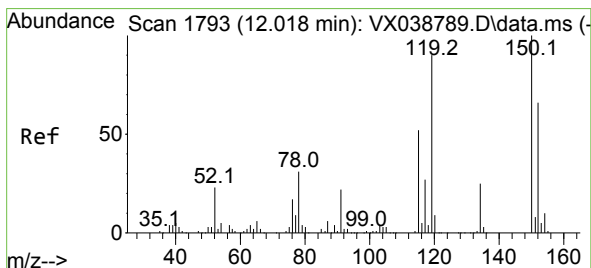
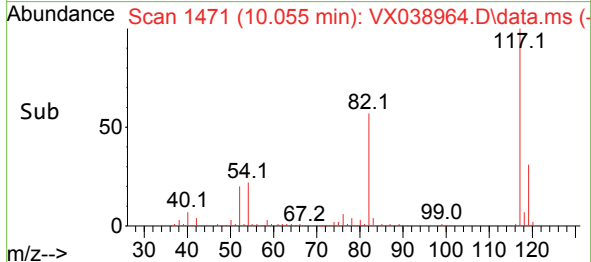
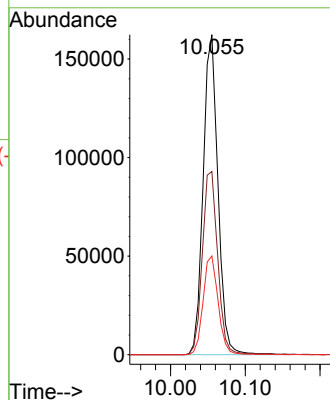
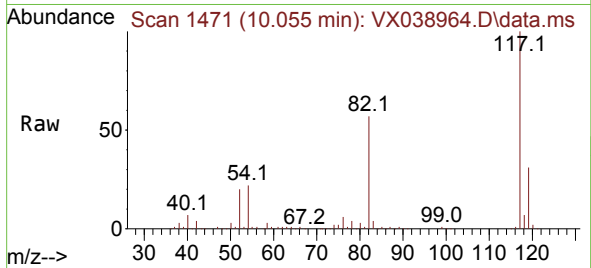




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

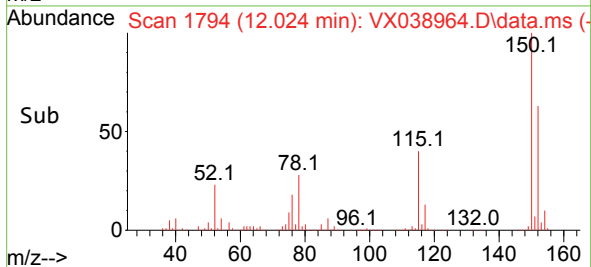
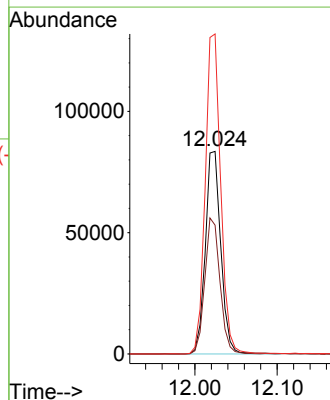
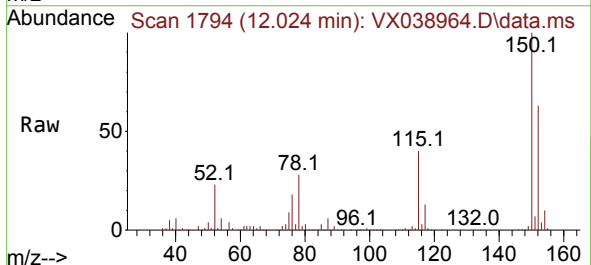
Instrument :
MSVOA_X
ClientSampleId :
8BR-20231113

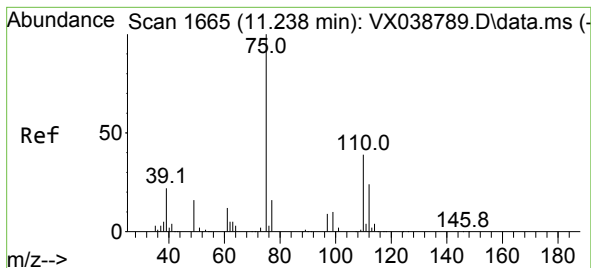
Tgt Ion:117 Resp: 223107
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038964.D
Acq: 20 Nov 2023 17:23

Tgt Ion:152 Resp: 109147
Ion Ratio Lower Upper
152 100
115 65.7 43.3 129.9
150 157.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.039 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038964.D

Acq: 20 Nov 2023 17:23

Instrument :

MSVOA_X

ClientSampleId :

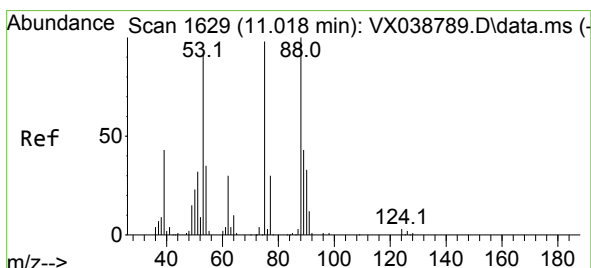
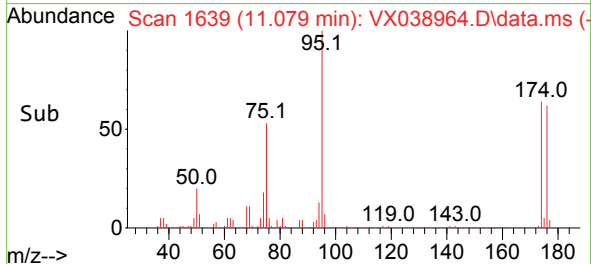
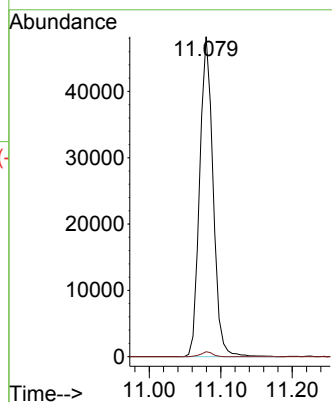
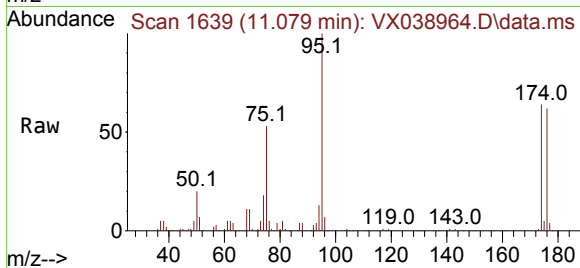
8BR-20231113

Tgt Ion: 75 Resp: 62740

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.103 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038964.D

Acq: 20 Nov 2023 17:23

Tgt Ion: 75 Resp: 62740

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

