

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038985.D
 Acq On : 21 Nov 2023 15:27
 Operator : JC/MD
 Sample : 05431-10 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113

Quant Time: Nov 22 03:21:10 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)

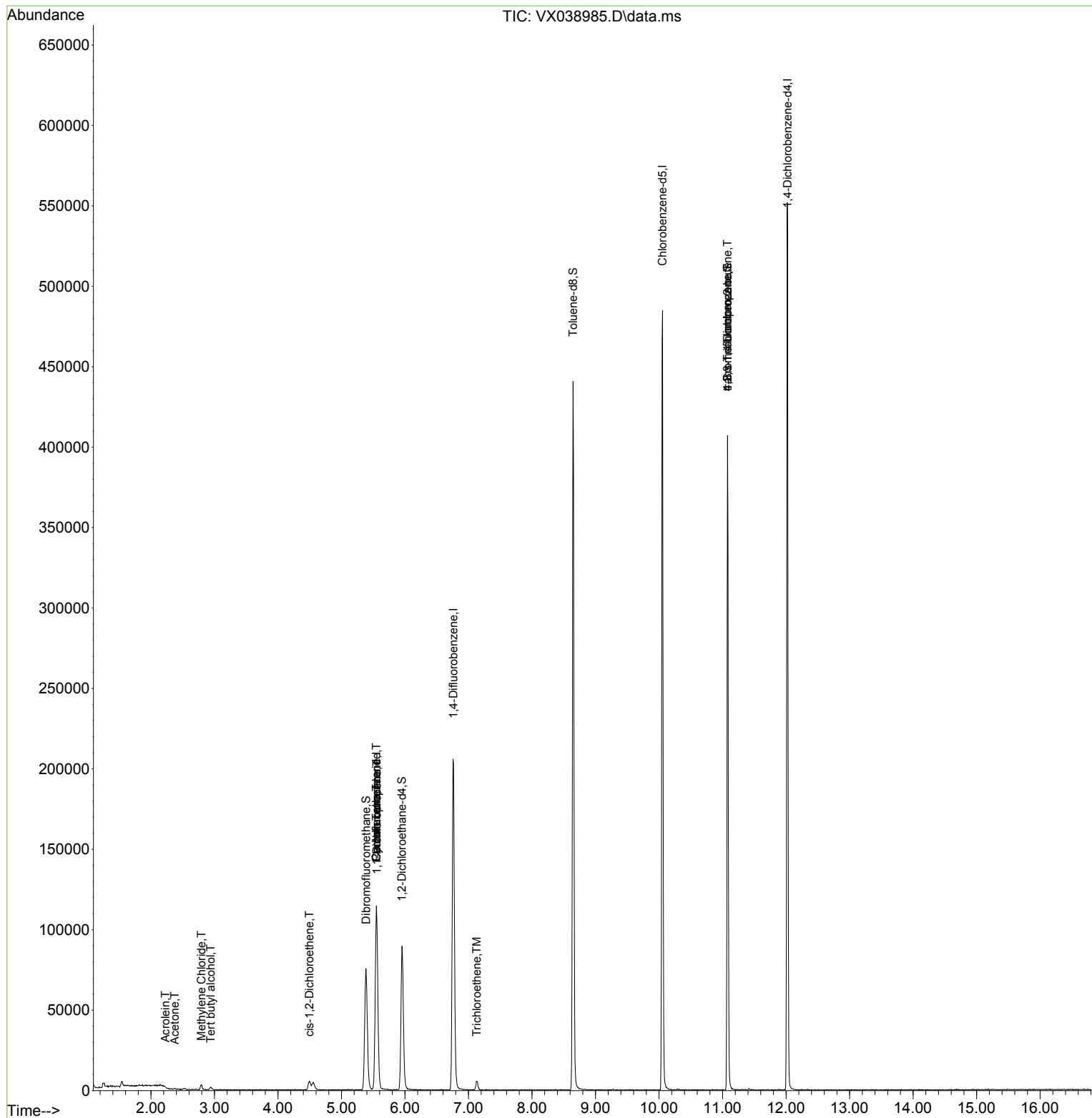
Internal Standards						
1) Pentafluorobenzene	5.550	168	99803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83021	51.624	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 103.240%		
35) Dibromofluoromethane	5.385	113	66486	44.626	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 89.260%		
50) Toluene-d8	8.647	98	263384	46.206	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 92.420%		
62) 4-Bromofluorobenzene	11.079	95	114108	50.007	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 100.020%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1236	2.763	ug/l #	78
13) Acrolein	2.227	56	56	0.237	ug/l #	14
16) Acetone	2.373	43	899	1.050	ug/l	93
20) Methylene Chloride	2.794	84	1381	0.895	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	3367	2.105	ug/l	97
31) Cyclohexane	5.550	56	2898	1.262	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	9684	4.535	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11406	5.780	ug/l #	14
44) Trichloroethene	7.129	130	2126	1.383	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	61102	22.690	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61102	50.328	ug/l #	5

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

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22BR-20231113

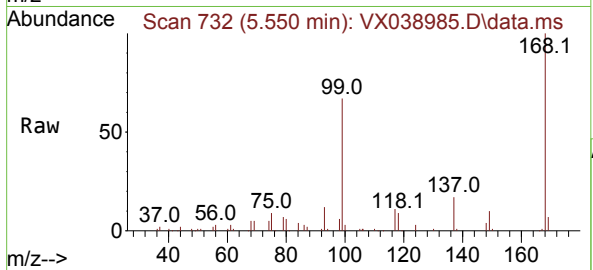
Quant Time: Nov 22 03:21:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



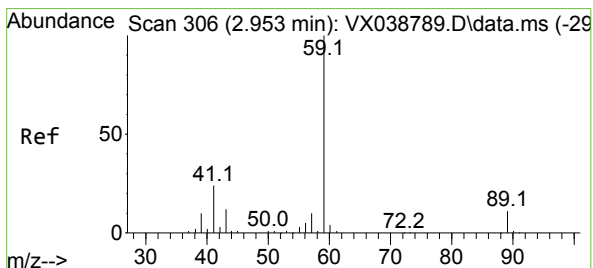
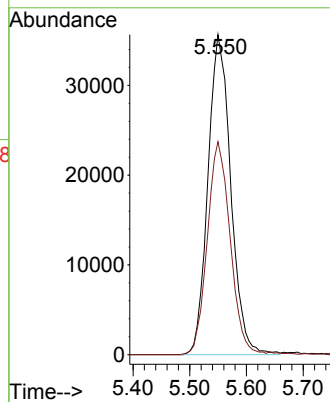
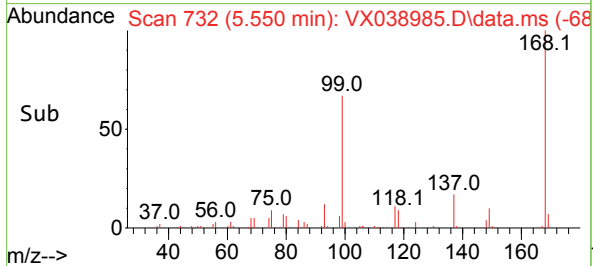


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

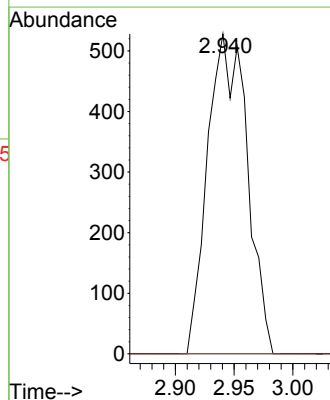
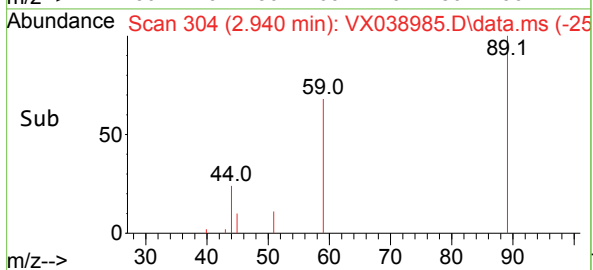
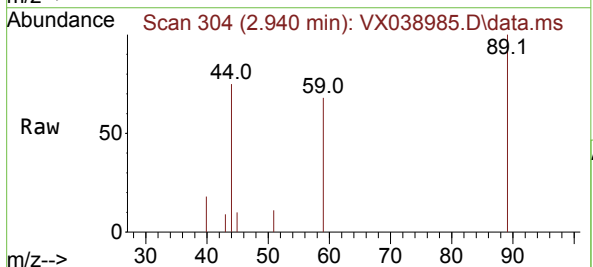


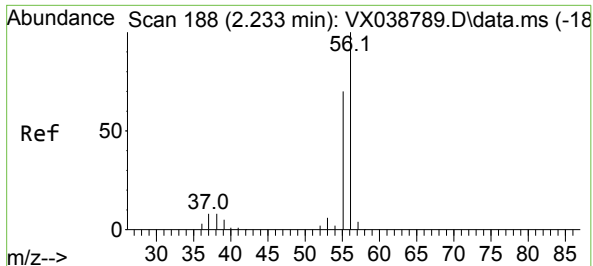
Tgt Ion:168 Resp: 99803
Ion Ratio Lower Upper
168 100
99 66.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.763 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion: 59 Resp: 1236
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

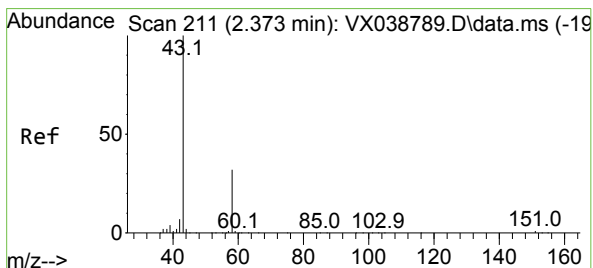
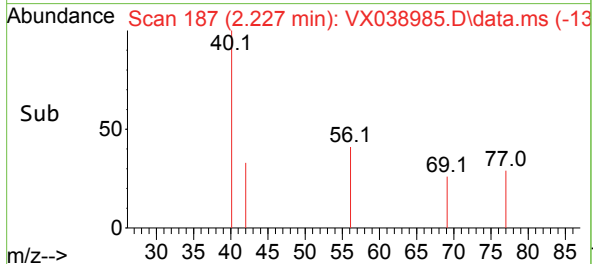
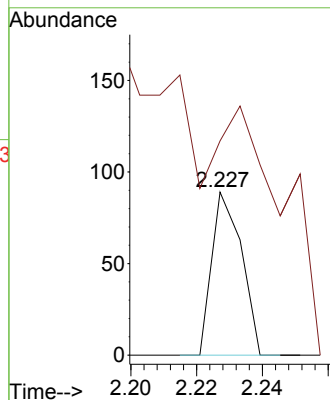
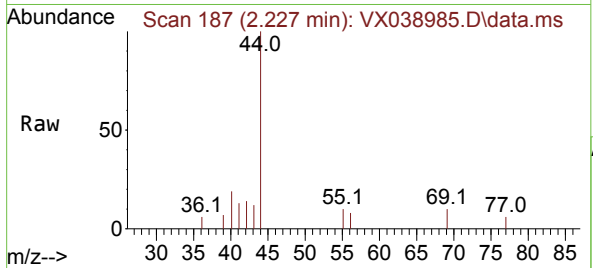




#13
Acrolein
Concen: 0.237 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

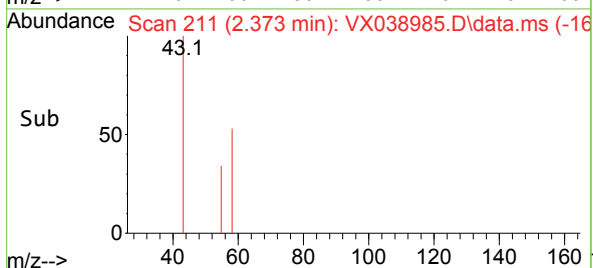
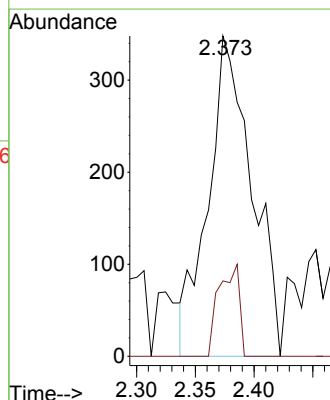
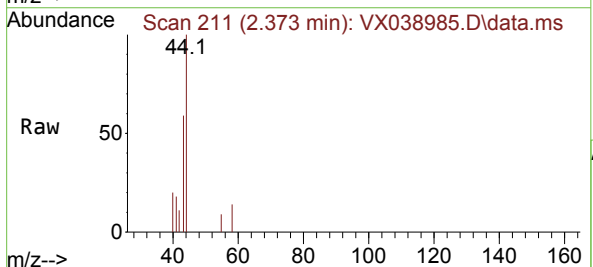
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

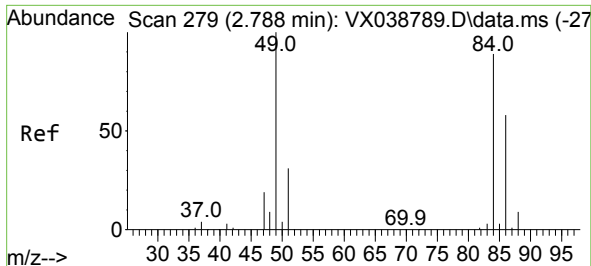
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.050 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 23.6 21.9 32.9



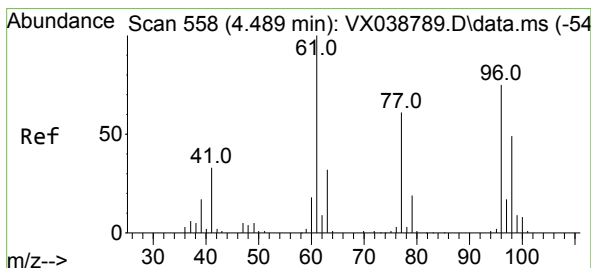
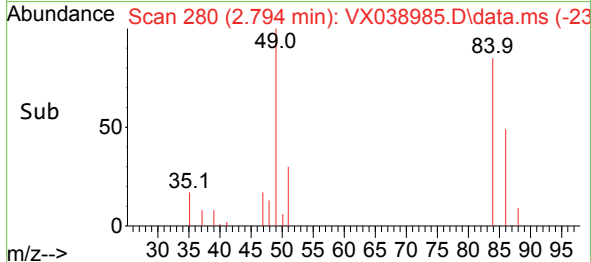
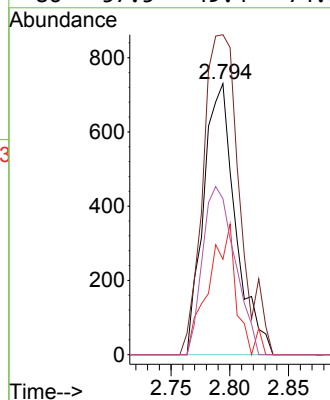
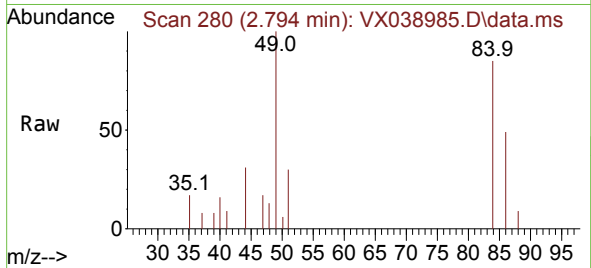


#20
Methylene Chloride
Concen: 0.895 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

Tgt Ion: 84 Resp: 1381

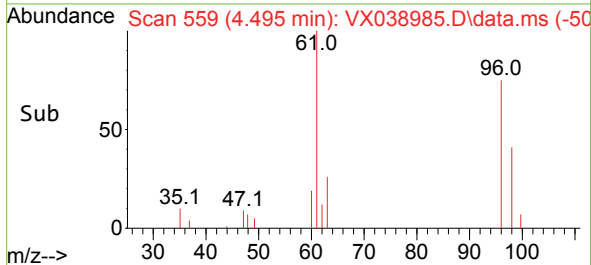
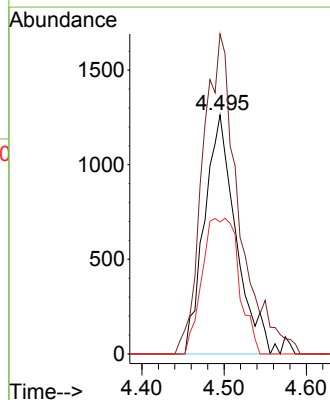
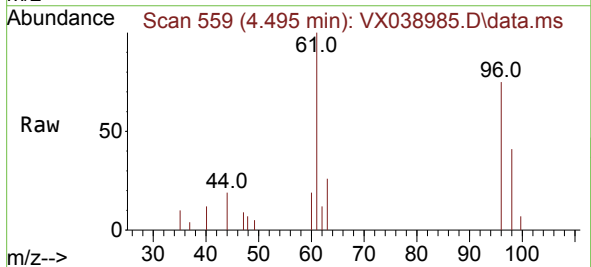
Ion	Ratio	Lower	Upper
84	100		
49	118.1	103.6	155.4
51	35.2	33.8	50.6
86	57.5	49.4	74.0

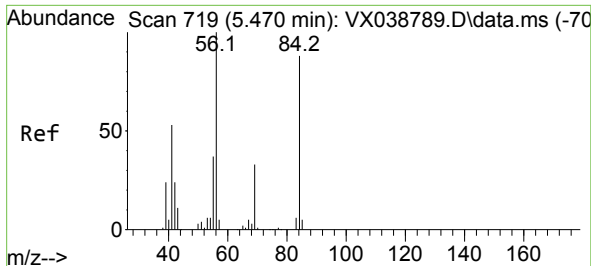


#27
cis-1,2-Dichloroethene
Concen: 2.105 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion: 96 Resp: 3367

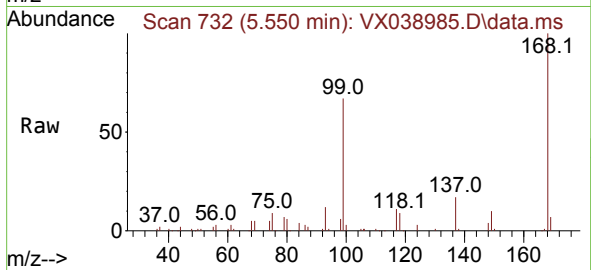
Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	312.2
98	66.1	0.0	129.0



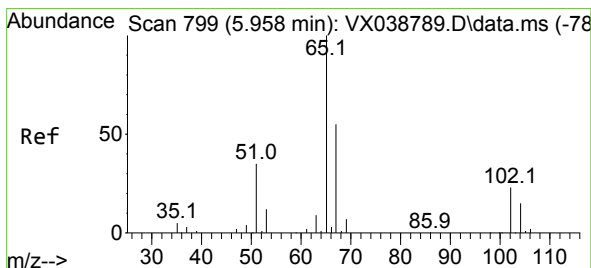
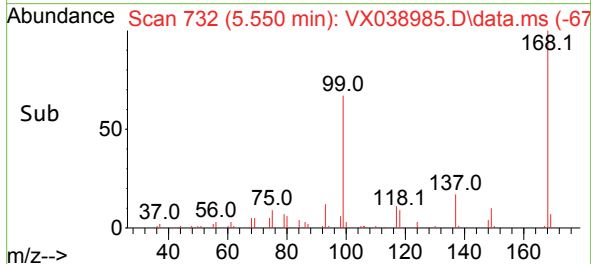
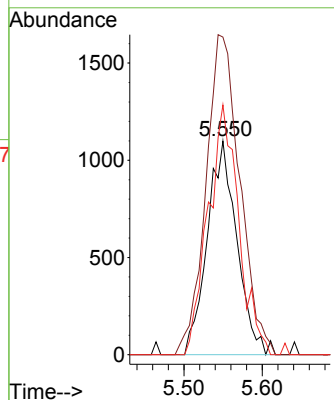


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

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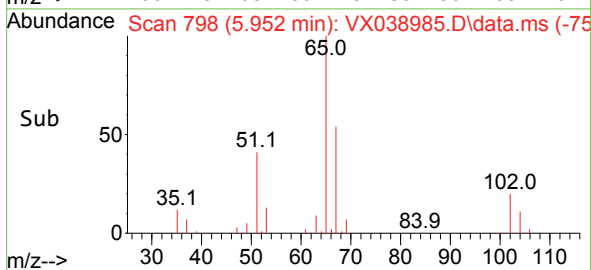
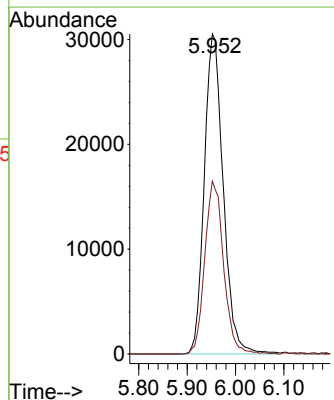
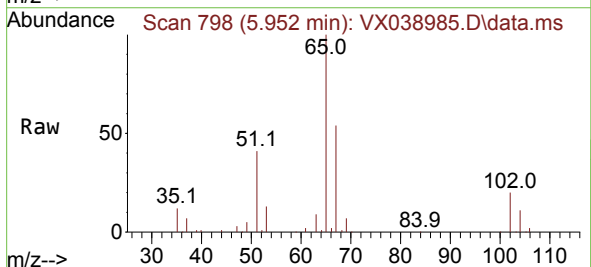


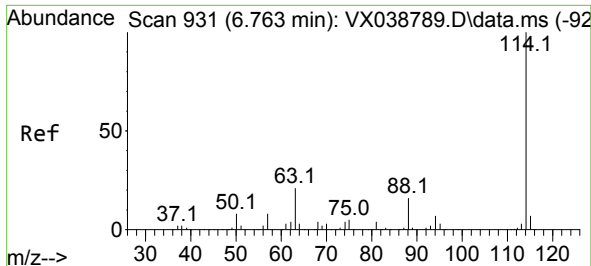
Tgt Ion: 56 Resp: 2898
Ion Ratio Lower Upper
56 100
69 148.7 23.4 35.2#
84 116.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.624 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion: 65 Resp: 83021
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.2

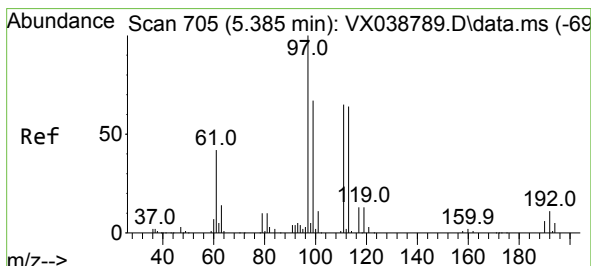
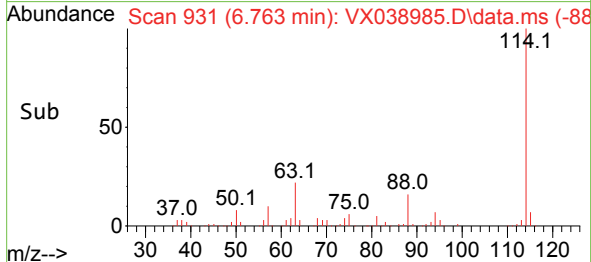
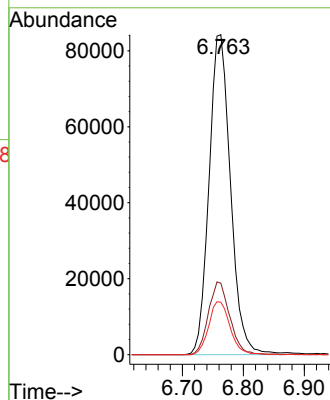
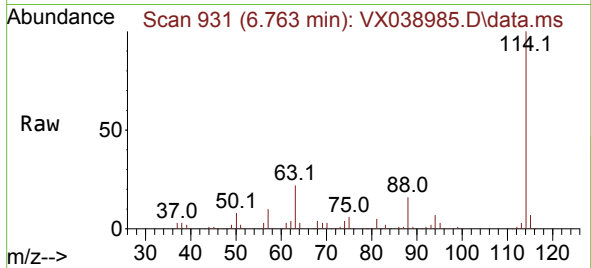




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

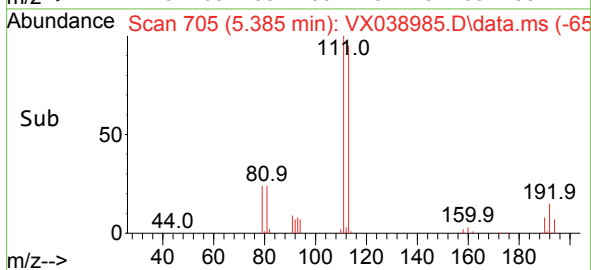
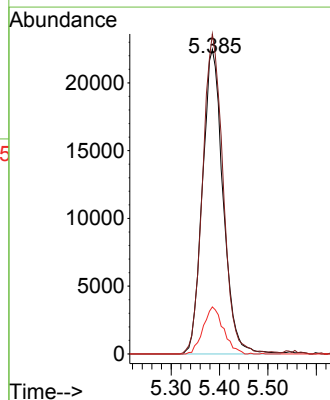
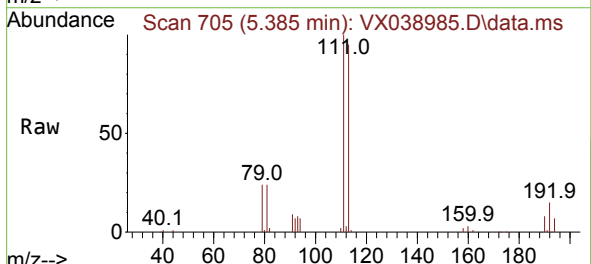
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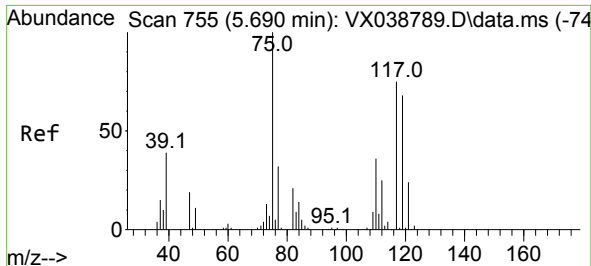
Tgt Ion:114 Resp: 206285
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.626 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion:113 Resp: 66486
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 15.2 13.3 19.9

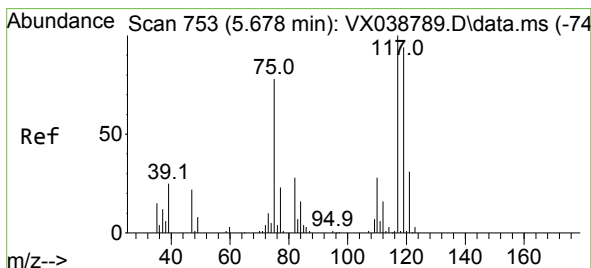
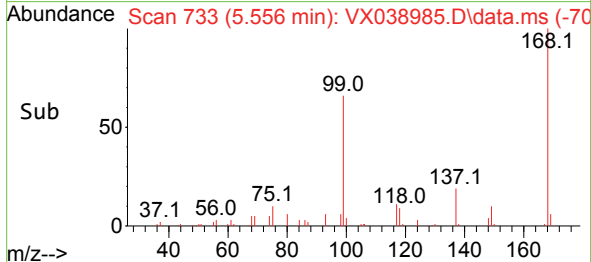
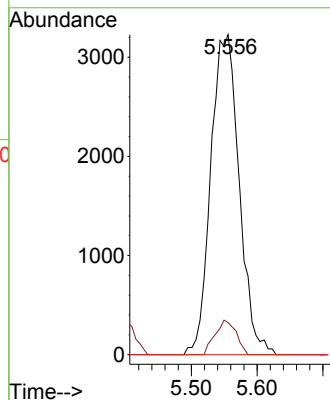
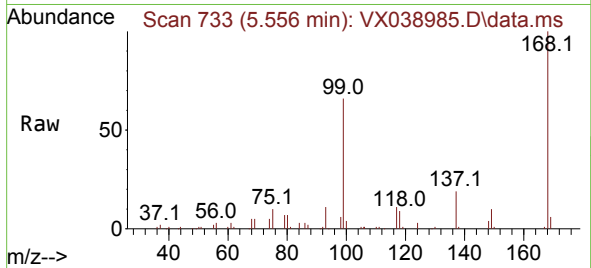




#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

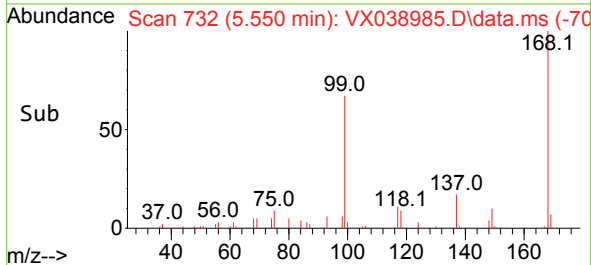
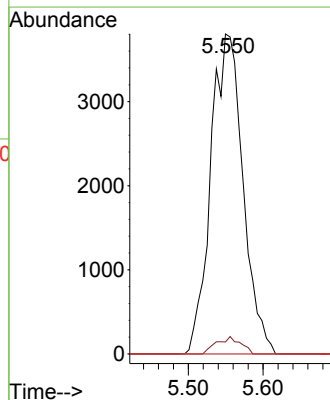
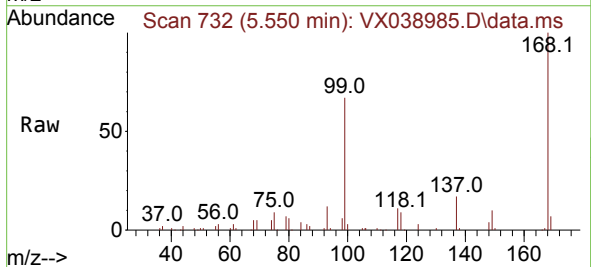
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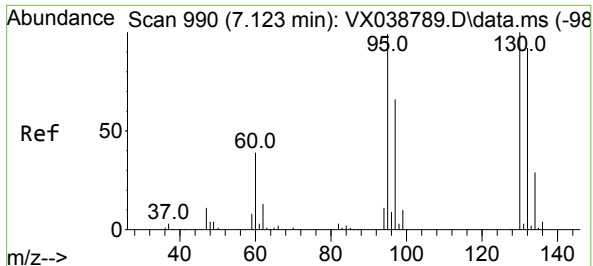
Tgt Ion: 75 Resp: 9684
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion: 117 Resp: 11406
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

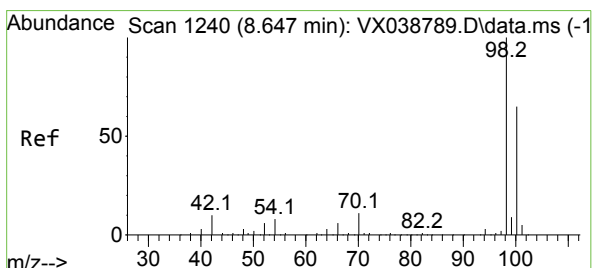
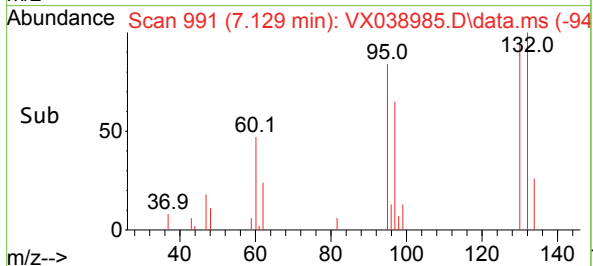
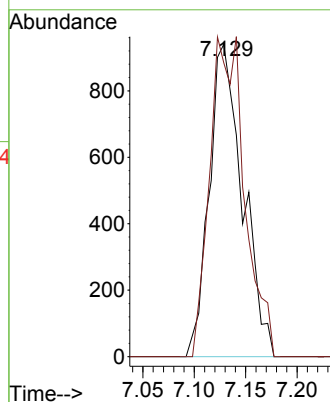
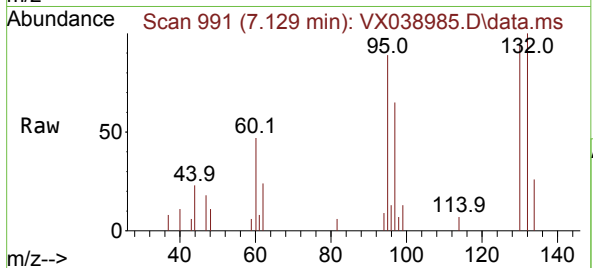




#44
Trichloroethene
Concen: 1.383 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

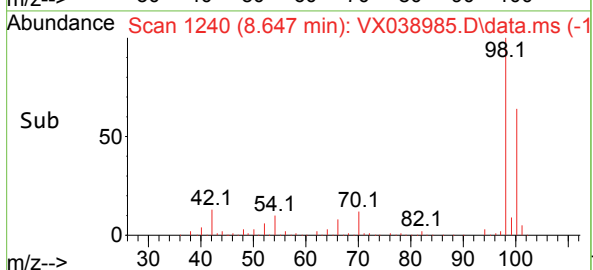
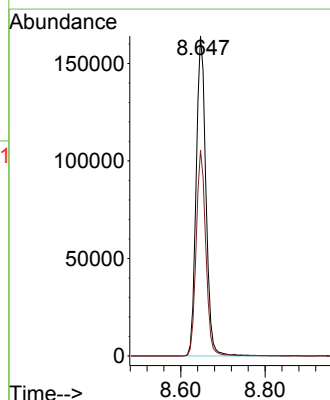
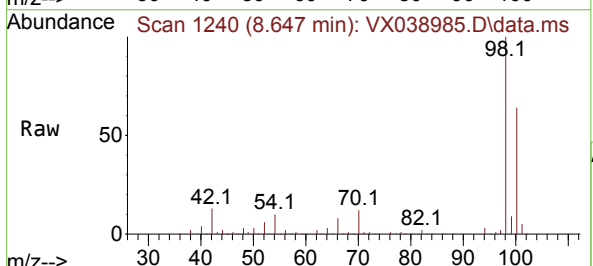
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

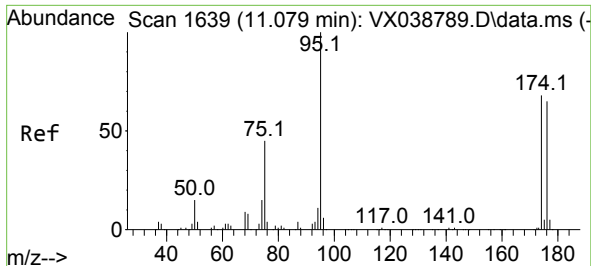
Tgt Ion:130 Resp: 2126
Ion Ratio Lower Upper
130 100
95 94.1 0.0 204.4



#50
Toluene-d8
Concen: 46.206 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion: 98 Resp: 263384
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

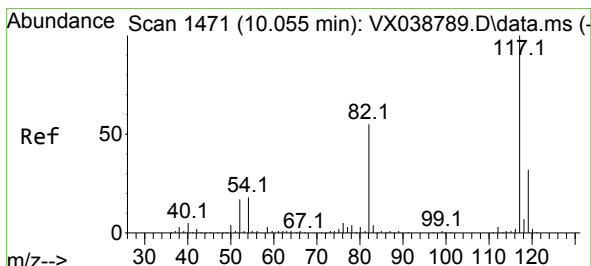
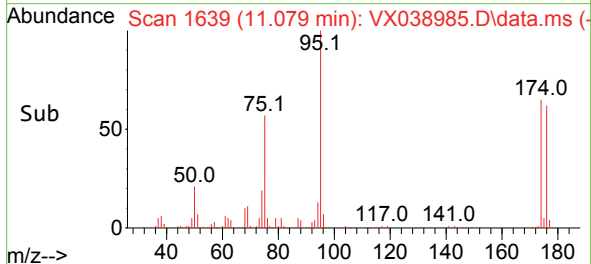
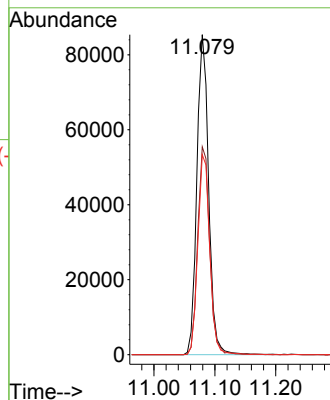
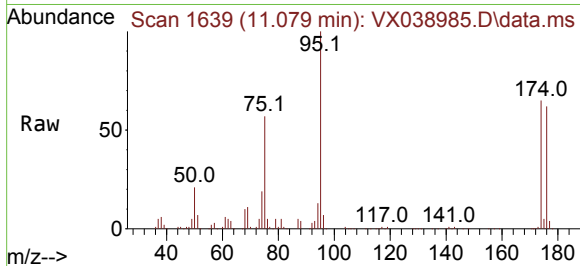




#62
4-Bromofluorobenzene
Concen: 50.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

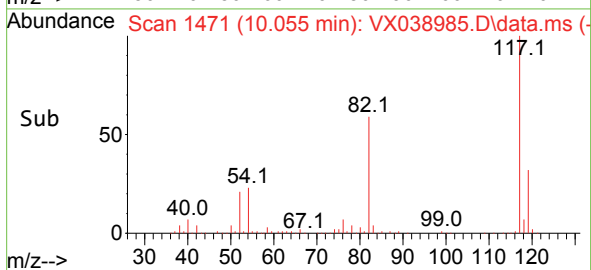
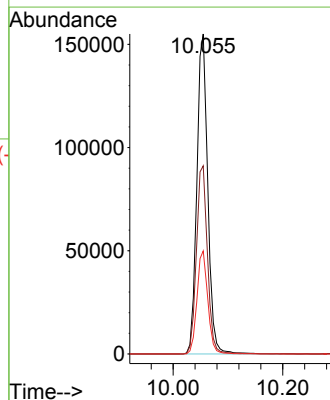
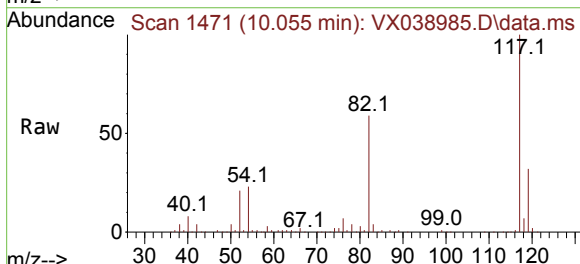
Instrument :
MSVOA_X
ClientSampleId :
22BR-20231113

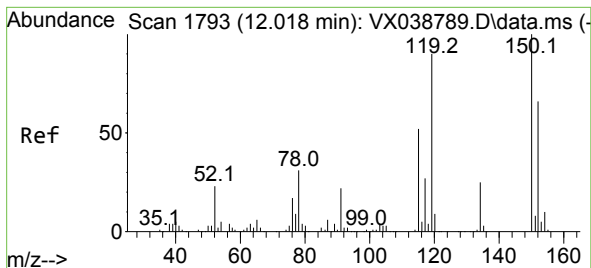
Tgt Ion: 95 Resp: 114108
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 63.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038985.D
Acq: 21 Nov 2023 15:27

Tgt Ion: 117 Resp: 215270
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038985.D

Acq: 21 Nov 2023 15:27

Instrument :

MSVOA_X

ClientSampleId :

22BR-20231113

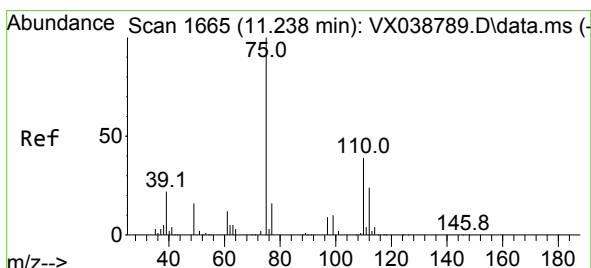
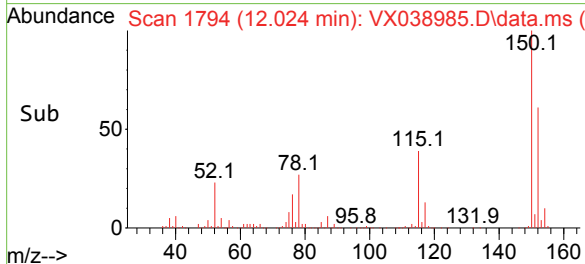
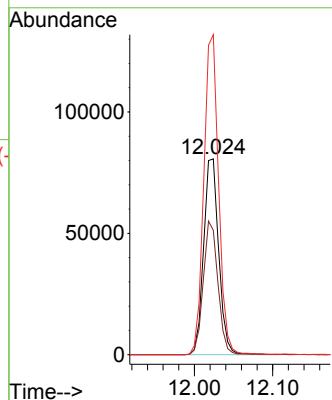
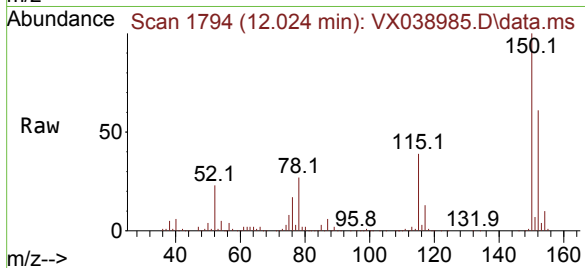
Tgt Ion:152 Resp: 107935

Ion Ratio Lower Upper

152 100

115 66.3 43.3 129.9

150 160.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.690 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038985.D

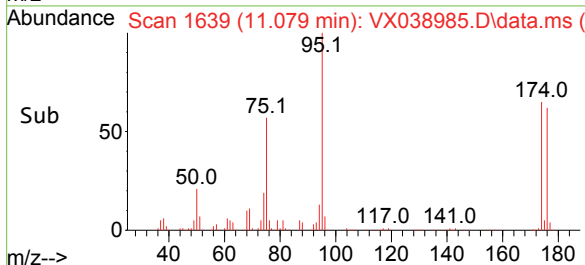
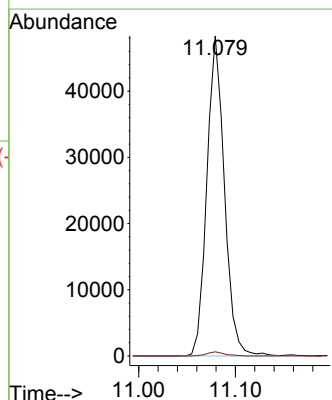
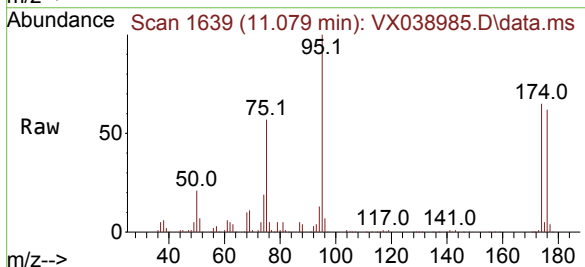
Acq: 21 Nov 2023 15:27

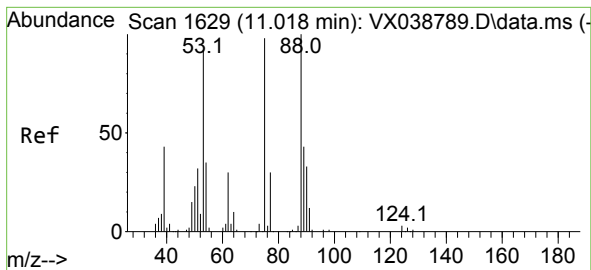
Tgt Ion: 75 Resp: 61102

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.328 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038985.D
 Acq: 21 Nov 2023 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 22BR-20231113

Tgt Ion: 75 Resp: 61102
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

