

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029096.D
 Acq On : 31 May 2022 23:56
 Operator : JC/MD
 Sample : N3022-12 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20220525

Quant Time: Jun 01 05:03:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

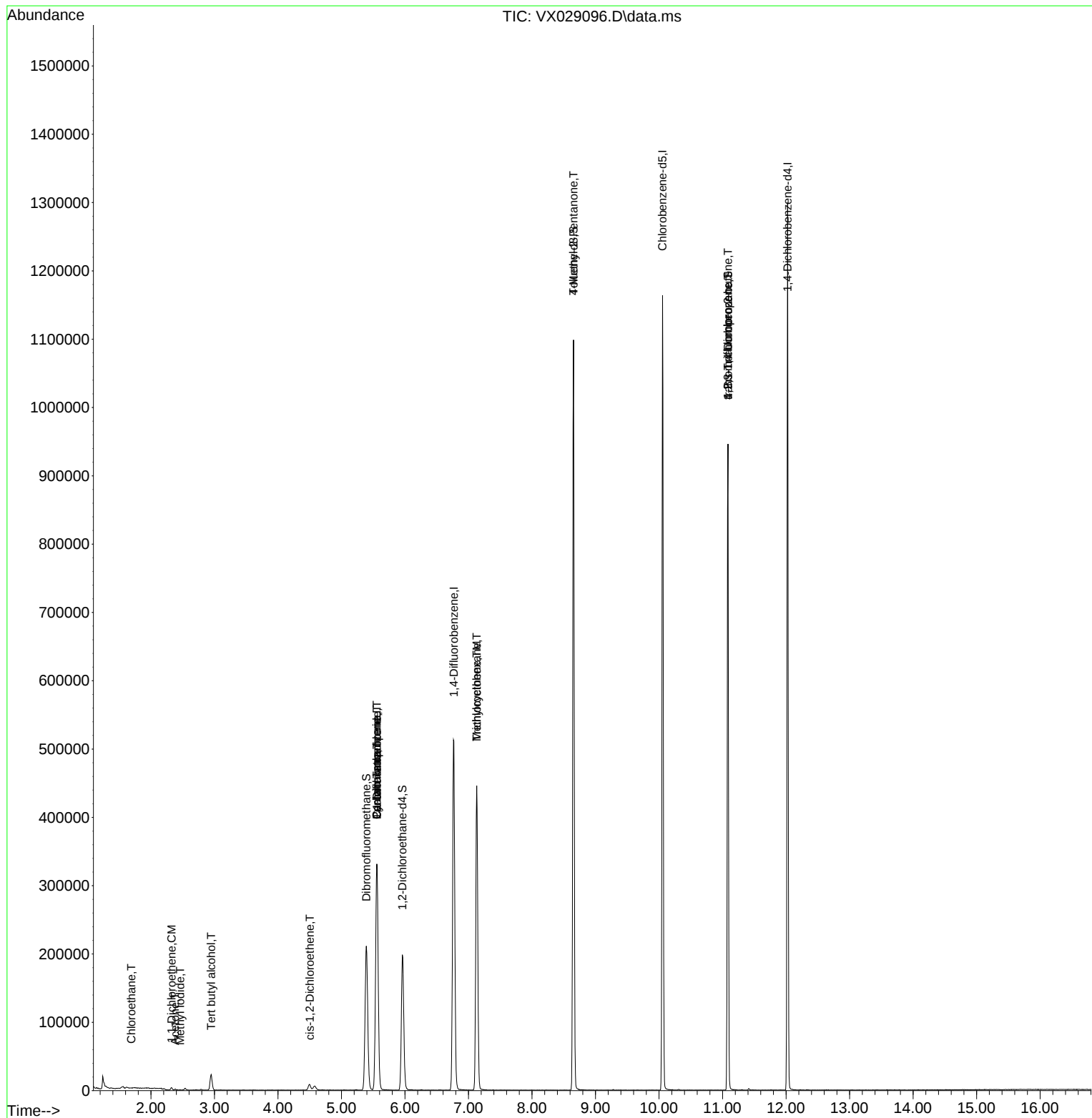
Internal Standards						
1) Pentafluorobenzene	5.556	168	334023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	566145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	561274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191771	50.914	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.820%			
35) Dibromofluoromethane	5.391	113	190530	50.667	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.340%			
50) Toluene-d8	8.653	98	668209	48.584	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.160%			
62) 4-Bromofluorobenzene	11.085	95	263649	49.591	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.180%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	802	Below Cal	#	75
6) Chloroethane	1.690	64	269	1.494	ug/l #	43
10) Methyl Iodide	2.459	142	392	4.322	ug/l #	54
11) Tert butyl alcohol	2.946	59	12998	14.897	ug/l #	74
12) 1,1-Dichloroethene	2.325	96	993	0.330	ug/l	94
16) Acetone	2.379	43	1199	0.808	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	5947	1.468	ug/l	92
31) Cyclohexane	5.556	56	5495	1.122	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22196	4.587	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32243	5.831	ug/l #	16
39) Methylcyclohexane	7.129	83	1912	0.320	ug/l #	1
44) Trichloroethene	7.129	130	188262	44.232	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	2450	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	123438	22.451	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	123438	65.866	ug/l #	15

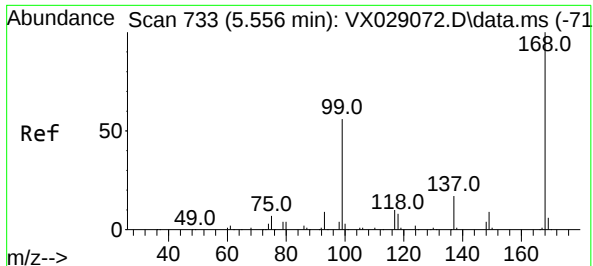
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
Data File : VX029096.D
Acq On : 31 May 2022 23:56
Operator : JC/MD
Sample : N3022-12 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

Quant Time: Jun 01 05:03:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

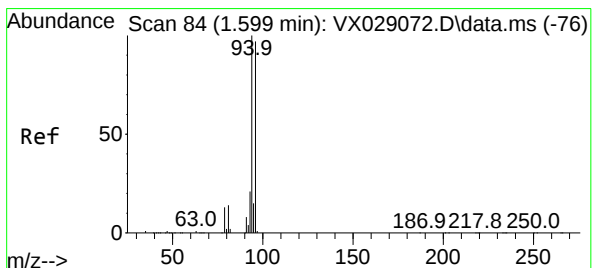
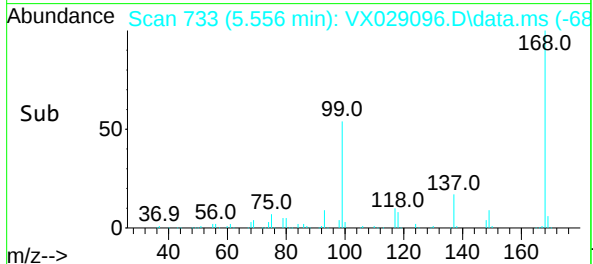
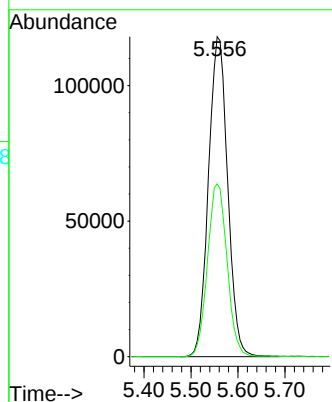
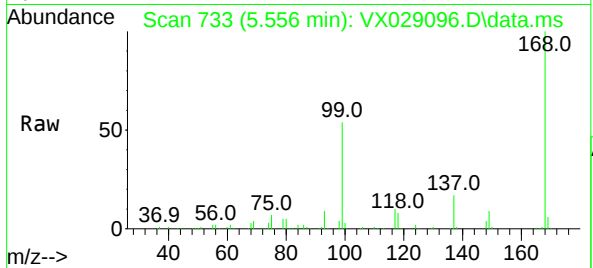




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

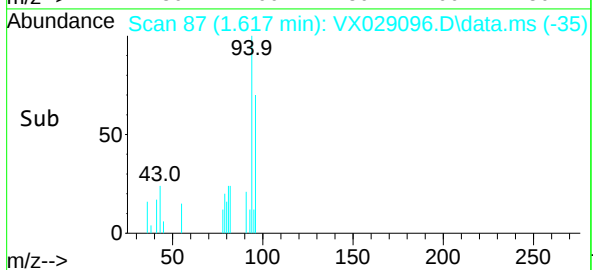
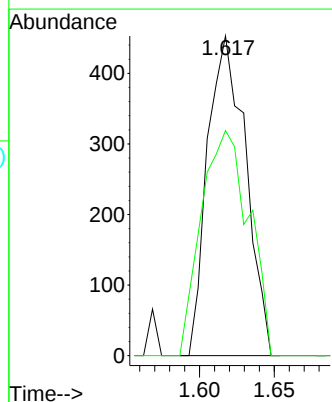
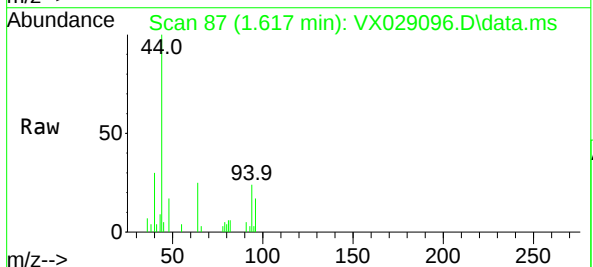
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

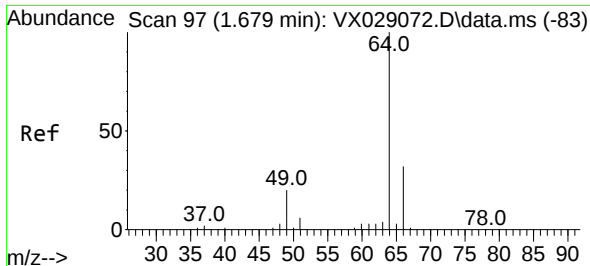
Tgt Ion:168 Resp: 334023
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

Tgt Ion: 94 Resp: 802
Ion Ratio Lower Upper
94 100
96 70.4 75.3 112.9#

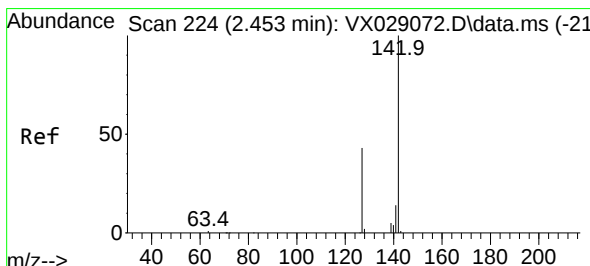
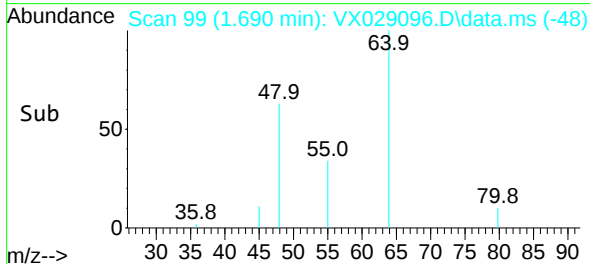
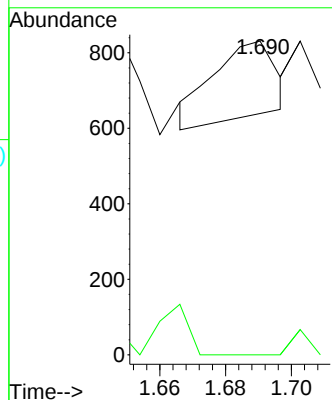
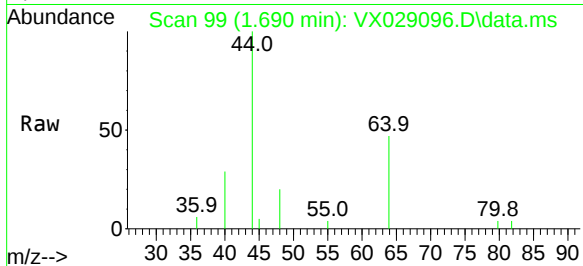




#6
Chloroethane
Concen: 1.494 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.011 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

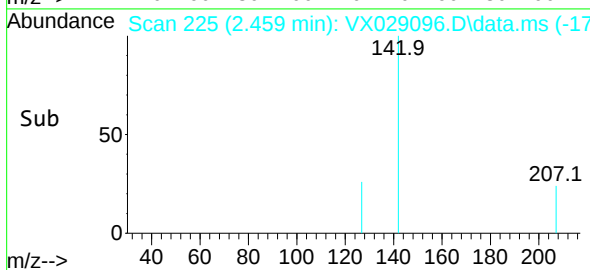
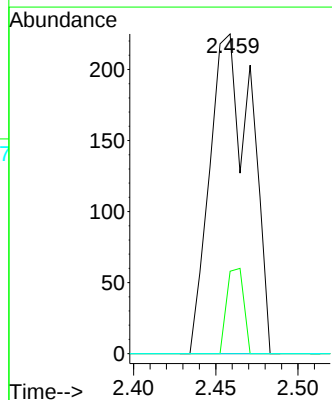
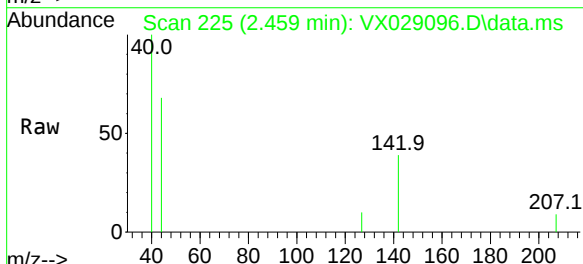
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

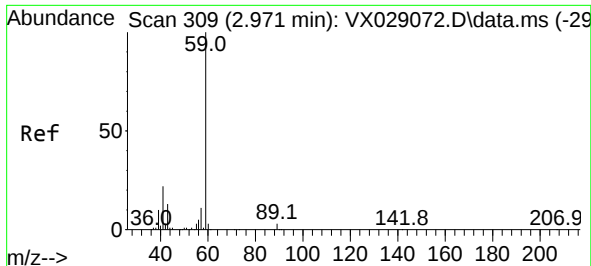
Tgt Ion: 64 Resp: 269
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.322 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

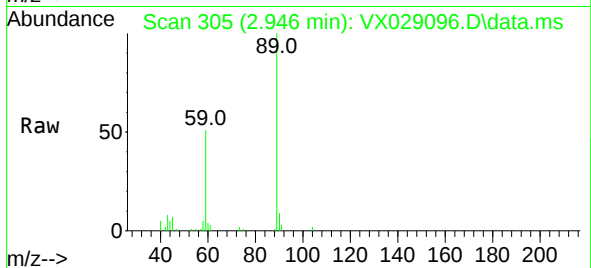
Tgt Ion: 142 Resp: 392
Ion Ratio Lower Upper
142 100
127 11.0 33.9 50.9#
141 0.0 11.4 17.2#



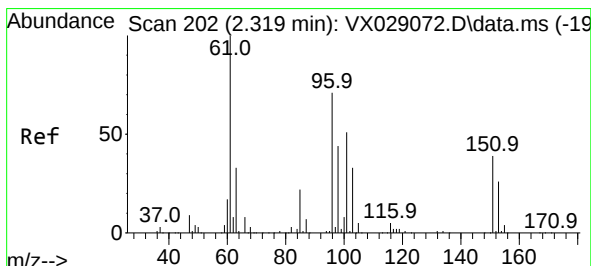
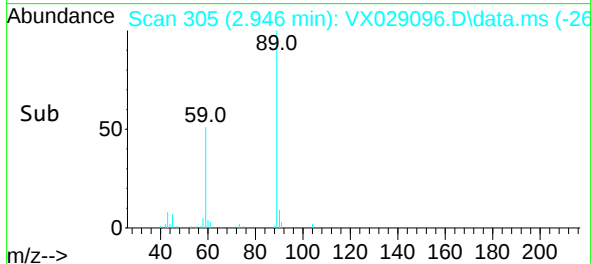
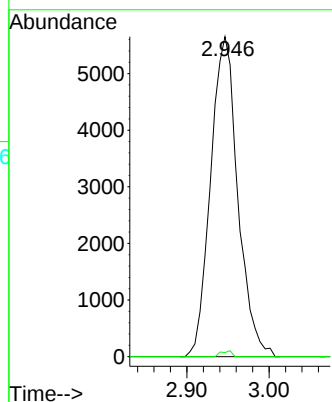


#11
Tert butyl alcohol
Concen: 14.897 ug/l
RT: 2.946 min Scan# 309
Delta R.T. -0.025 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

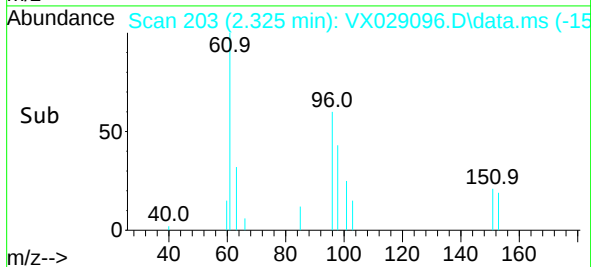
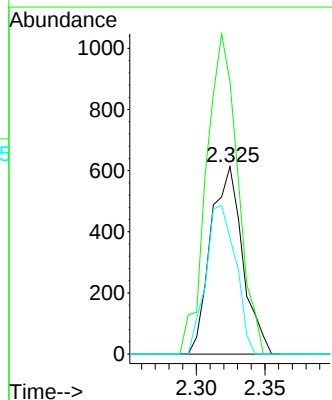
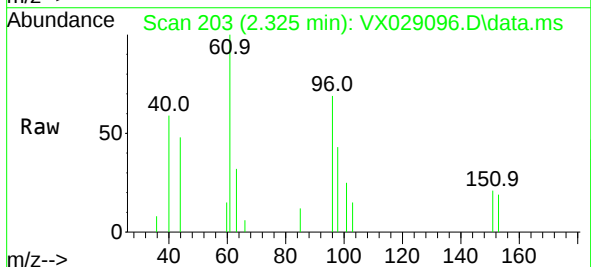


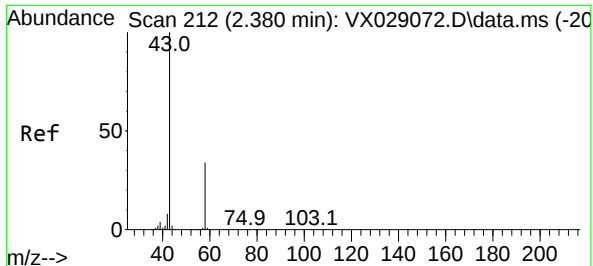
Tgt Ion: 59 Resp: 12998
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.330 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

Tgt Ion: 96 Resp: 993
Ion Ratio Lower Upper
96 100
61 145.4 124.6 187.0
98 61.8 51.0 76.4

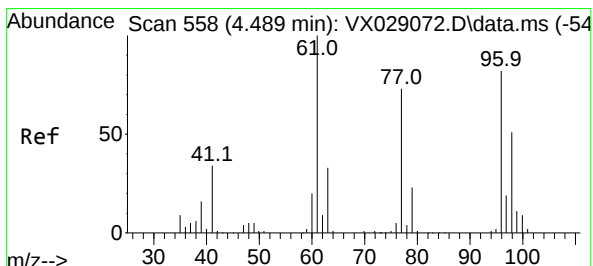
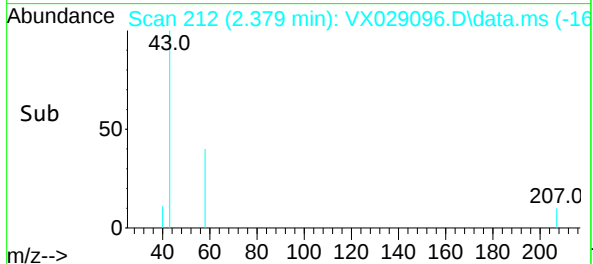
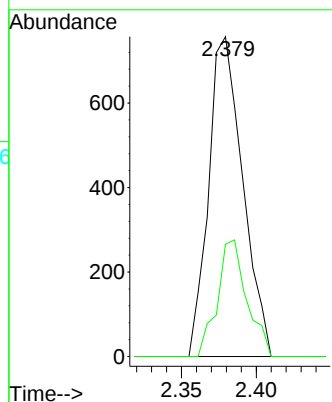
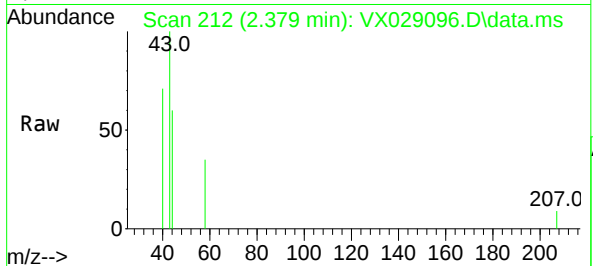




#16
Acetone
Concen: 0.808 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

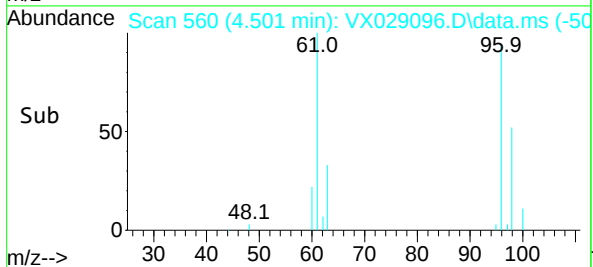
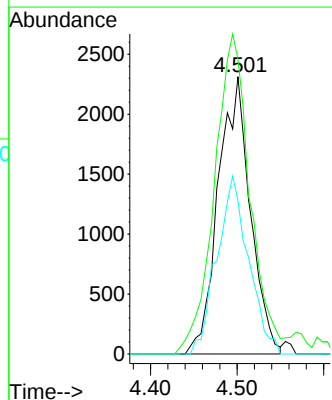
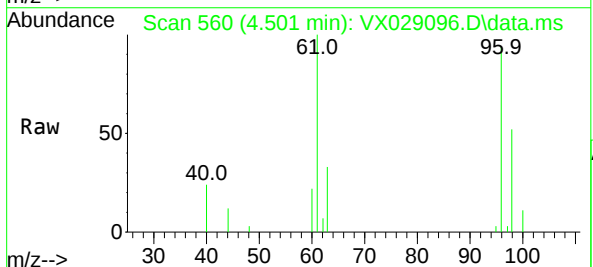
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

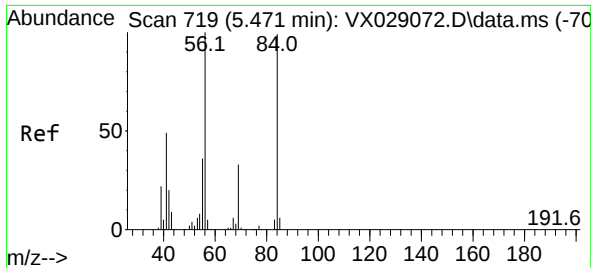
Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
58 35.1 28.8 43.2



#27
cis-1,2-Dichloroethene
Concen: 1.468 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

Tgt Ion: 96 Resp: 5947
Ion Ratio Lower Upper
96 100
61 127.9 0.0 283.8
98 63.6 0.0 129.8

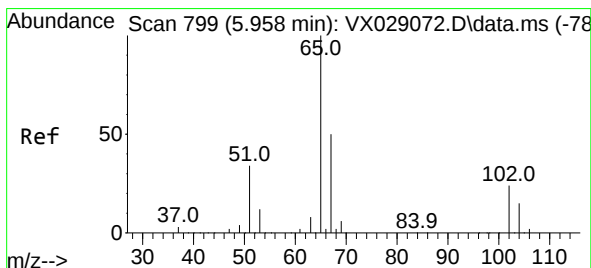
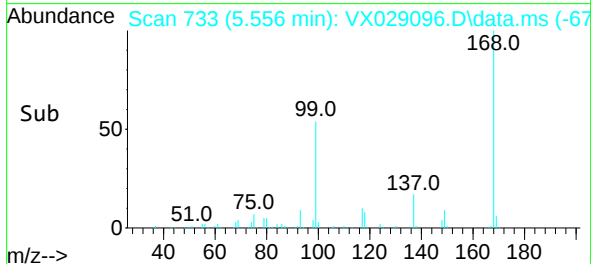
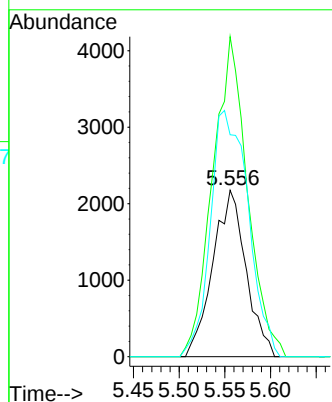
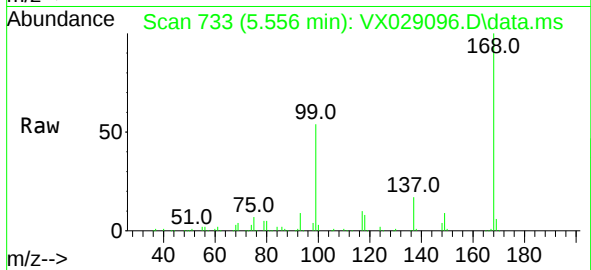




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

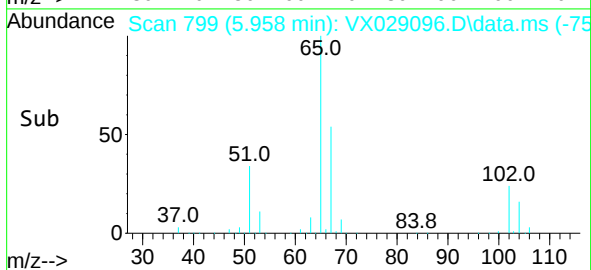
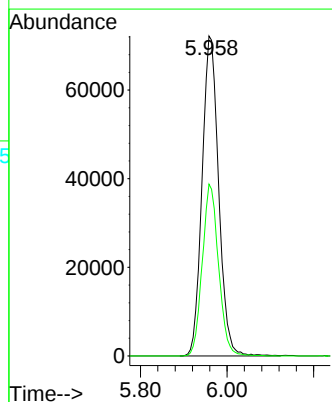
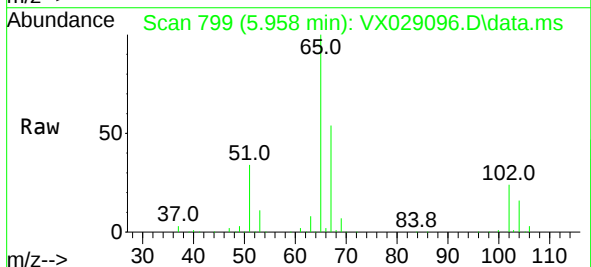
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

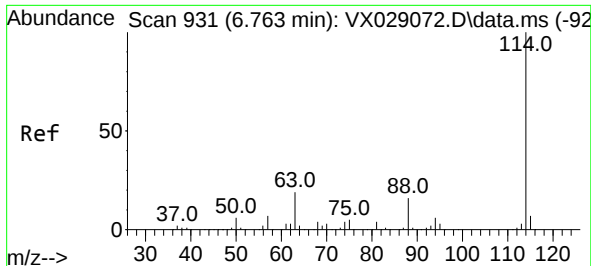
Tgt Ion: 56 Resp: 5495
Ion Ratio Lower Upper
56 100
69 192.2 26.7 40.1#
84 133.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.914 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

Tgt Ion: 65 Resp: 191771
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

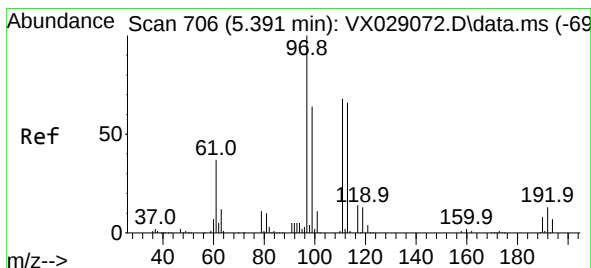
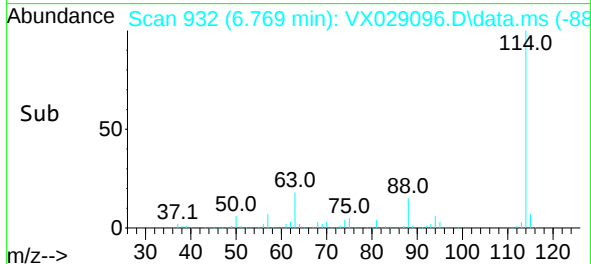
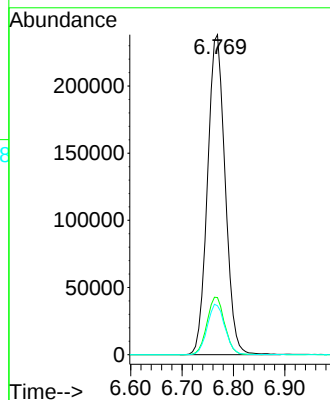
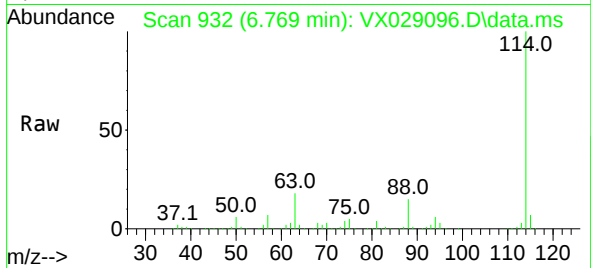




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

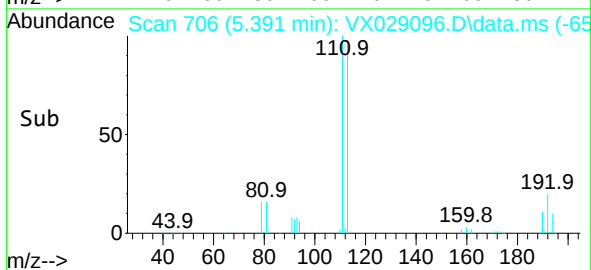
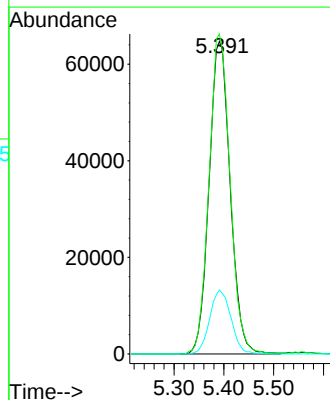
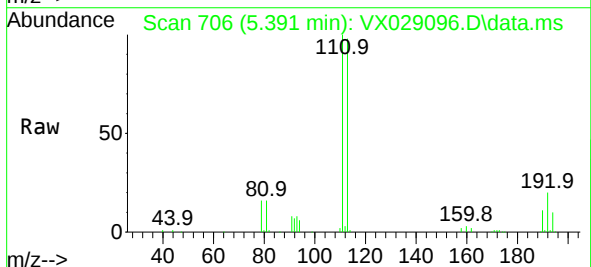
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

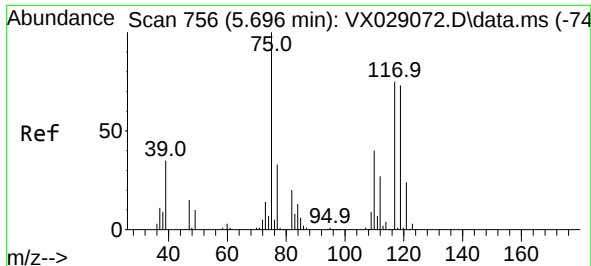
Tgt Ion:114 Resp: 566145
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.667 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

Tgt Ion:113 Resp: 190530
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 20.6 16.9 25.3

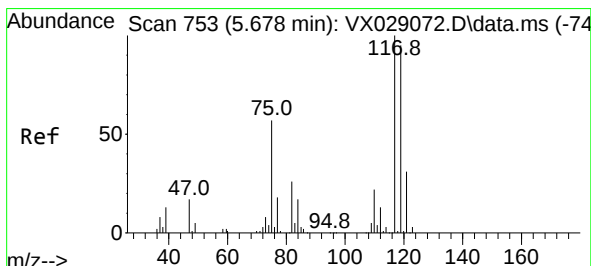
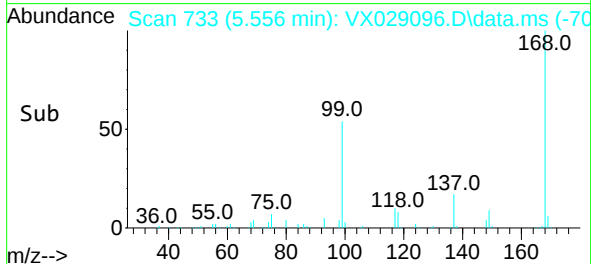
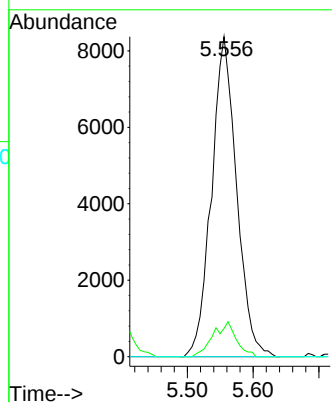
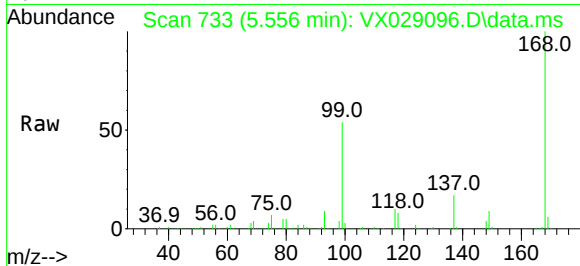




#36
1,1-Dichloropropene
Concen: 4.587 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

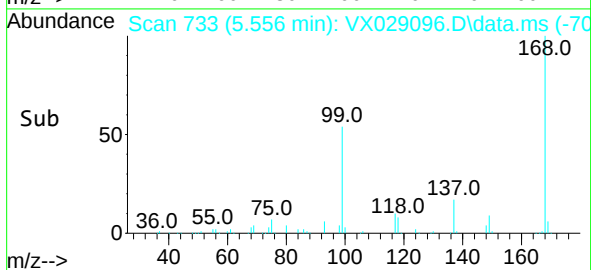
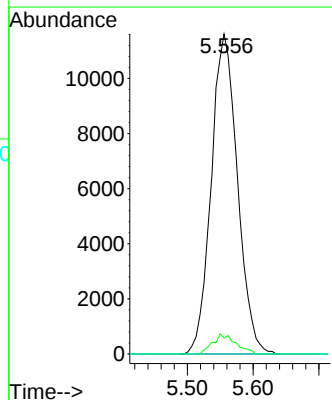
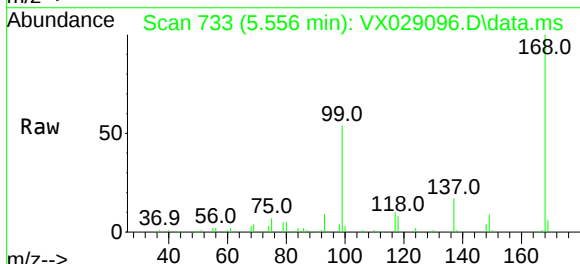
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

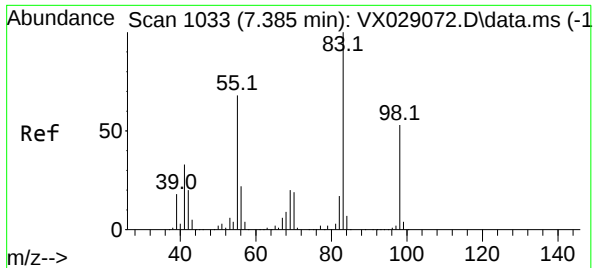
Tgt Ion: 75 Resp: 22196
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

Tgt Ion: 117 Resp: 32243
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#

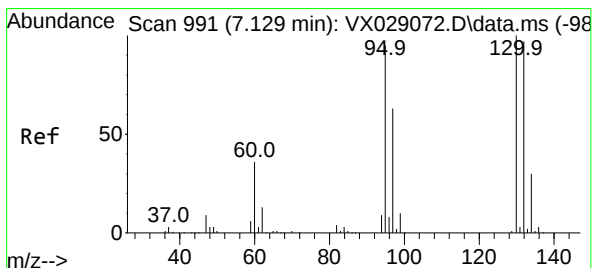
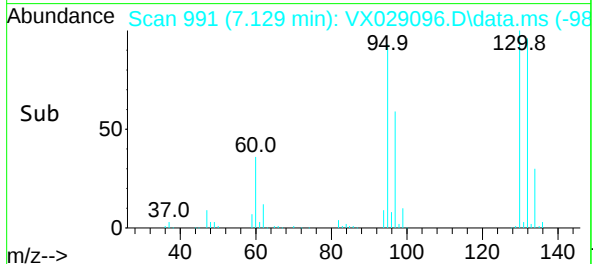
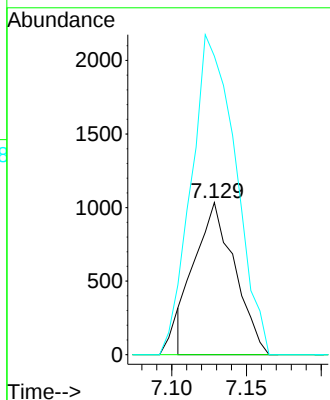
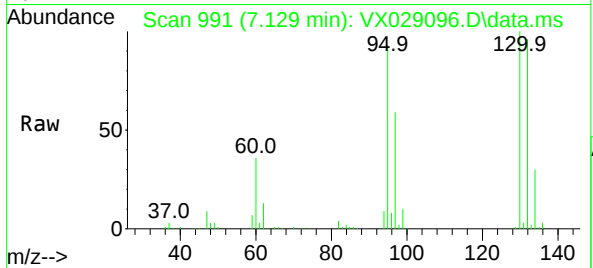




#39
Methylcyclohexane
Concen: 0.320 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

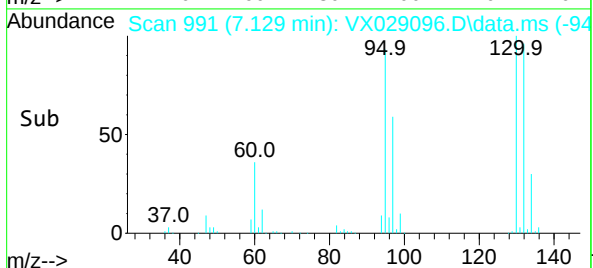
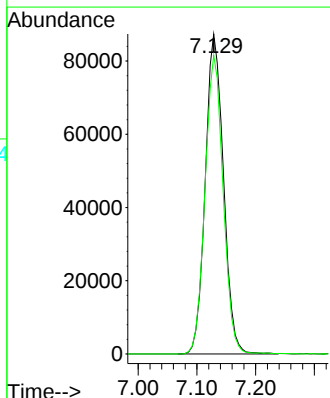
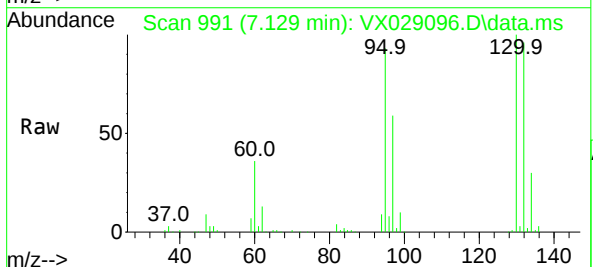
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

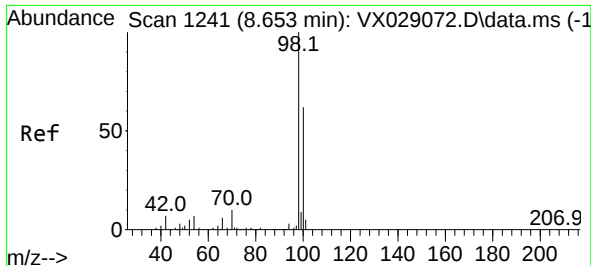
Tgt Ion: 83 Resp: 1912
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 196.2 37.4 56.2#



#44
Trichloroethene
Concen: 44.232 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

Tgt Ion:130 Resp: 188262
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.8

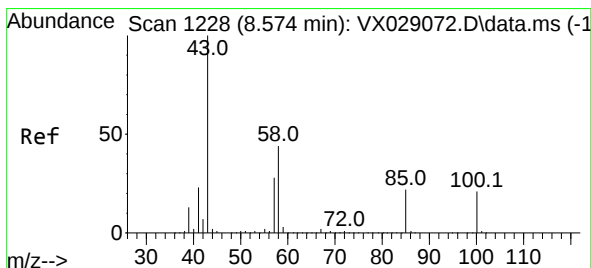
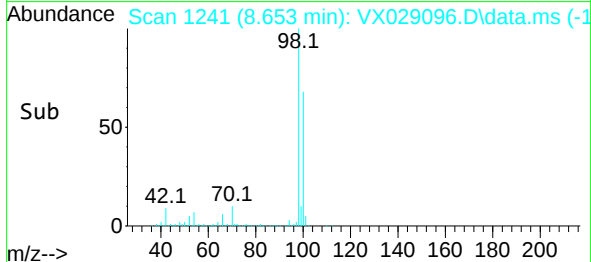
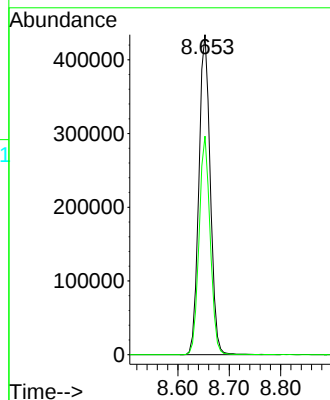
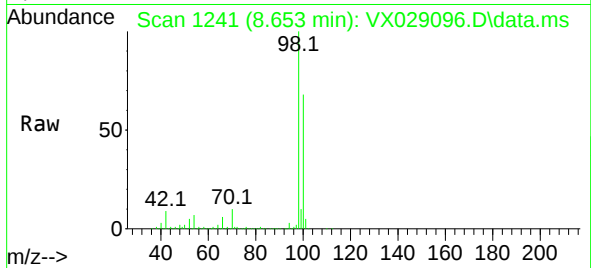




#50
Toluene-d8
Concen: 48.584 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

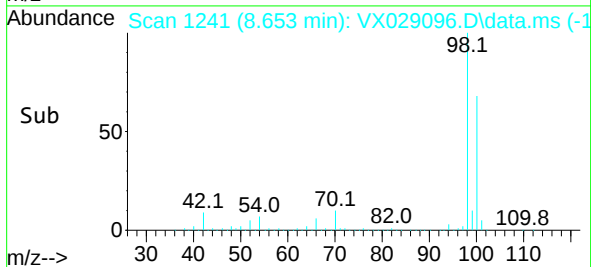
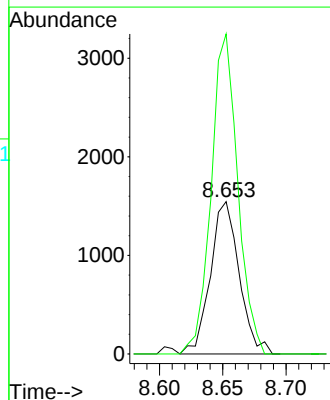
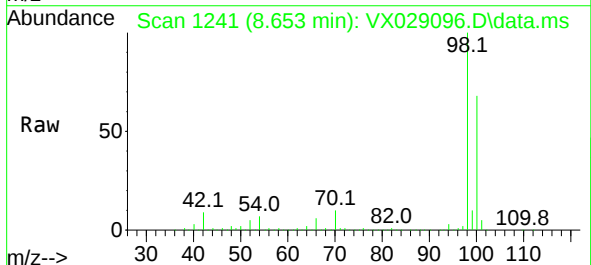
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

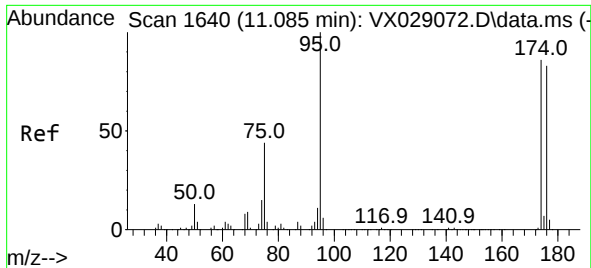
Tgt Ion: 98 Resp: 668209
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
58 193.7 36.1 54.1#

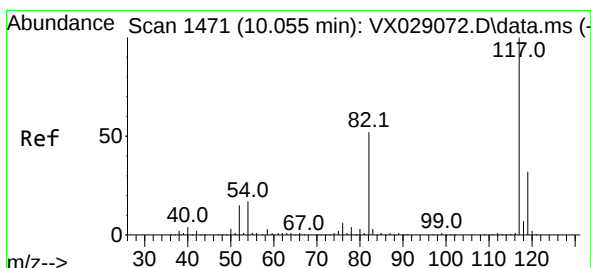
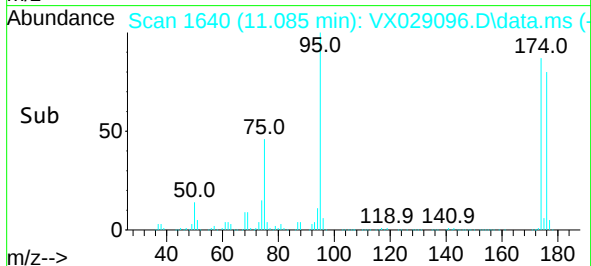
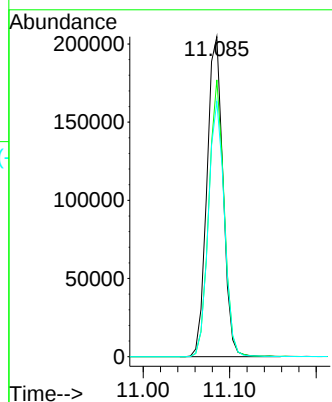
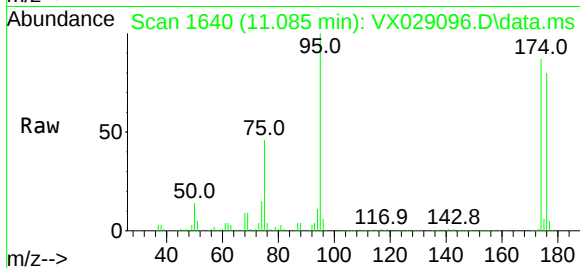




#62
4-Bromofluorobenzene
Concen: 49.591 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

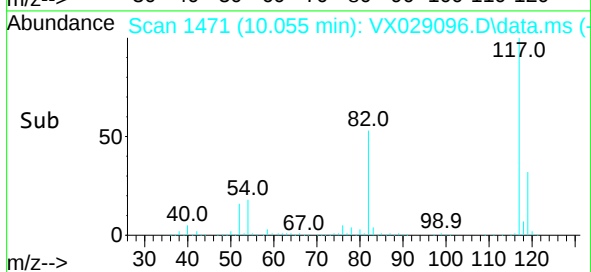
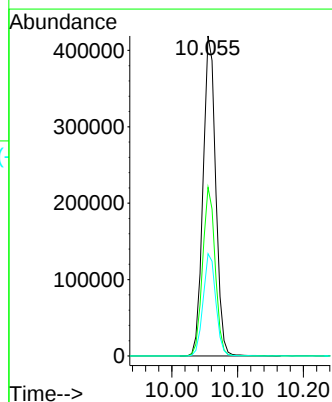
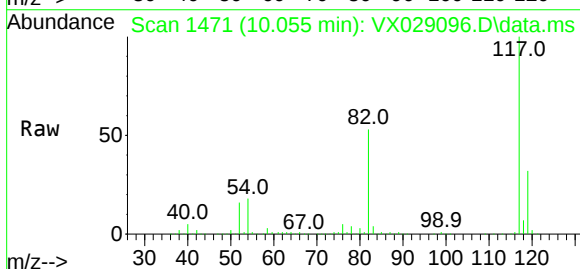
Instrument :
MSVOA_X
ClientSampleId :
48BR-20220525

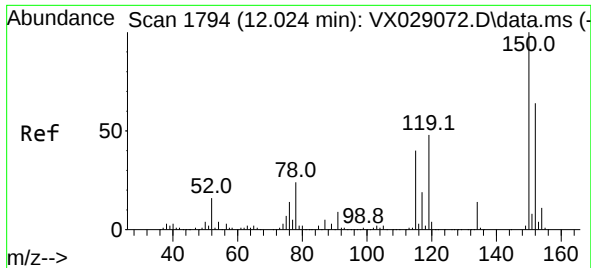
Tgt Ion: 95 Resp: 263649
Ion Ratio Lower Upper
95 100
174 82.5 0.0 163.0
176 79.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029096.D
Acq: 31 May 2022 23:56

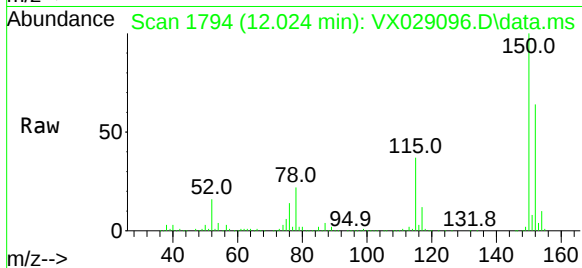
Tgt Ion: 117 Resp: 561274
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 31.9 24.8 37.2



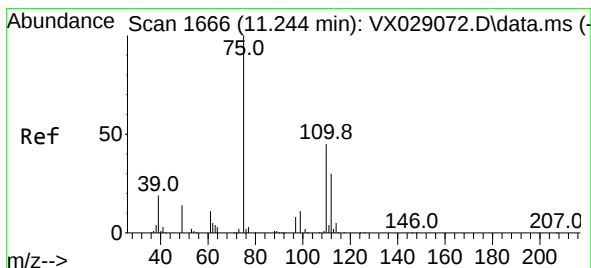
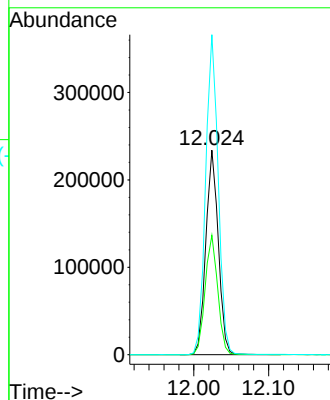
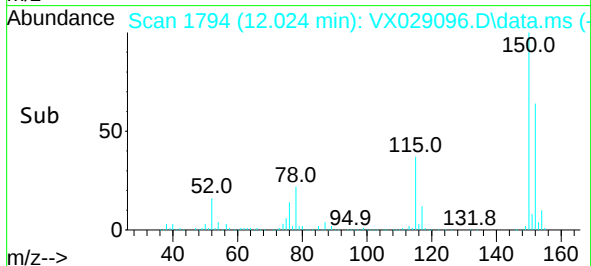


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029096.D
 Acq: 31 May 2022 23:56

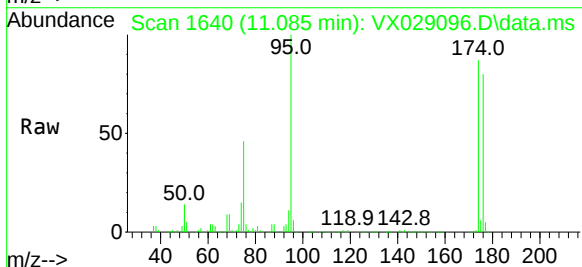
Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20220525



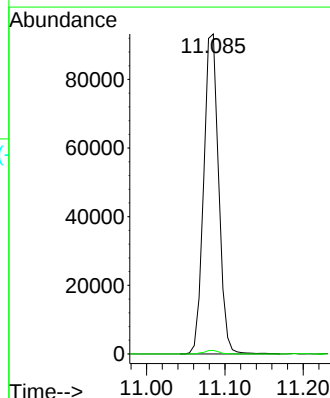
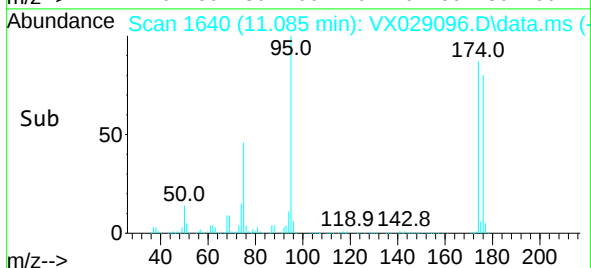
Tgt Ion:152 Resp: 271226
 Ion Ratio Lower Upper
 152 100
 115 59.0 37.5 112.7
 150 157.7 0.0 338.2

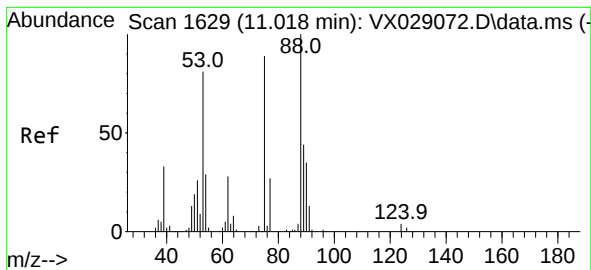


#76
 1,2,3-Trichloropropane
 Concen: 22.451 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX029096.D
 Acq: 31 May 2022 23:56



Tgt Ion: 75 Resp: 123438
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.866 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX029096.D
 Acq: 31 May 2022 23:56

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20220525

Tgt Ion: 75 Resp: 123438
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

