

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028961.D
 Acq On : 25 May 2022 19:21
 Operator : JC/MD
 Sample : N2990-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-220517

Quant Time: May 26 05:46:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

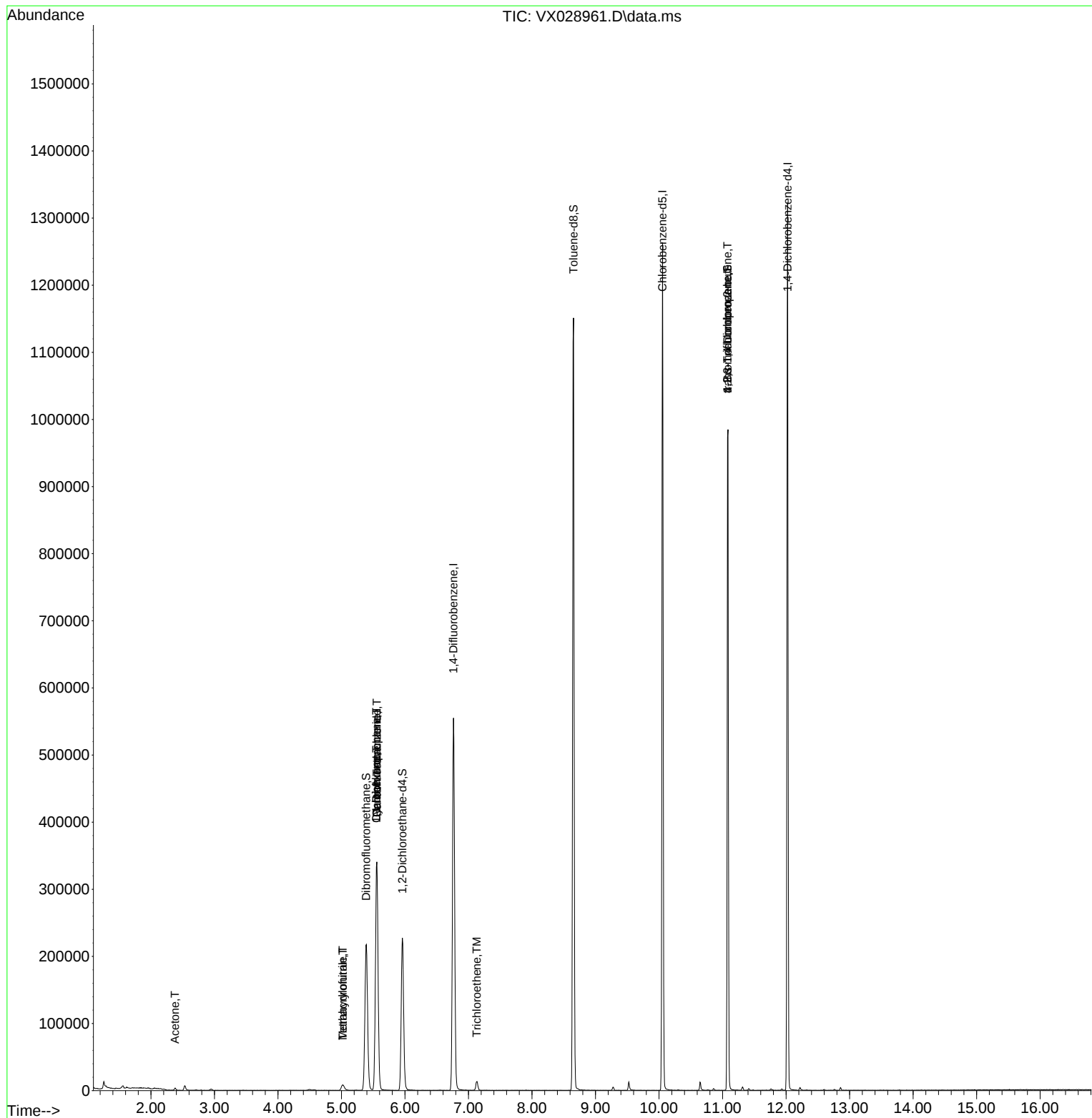
Internal Standards						
1) Pentafluorobenzene	5.556	168	323556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	578261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	564334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	225255	50.788	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.580%	
35) Dibromofluoromethane	5.385	113	193614	51.103	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.200%	
50) Toluene-d8	8.653	98	688848	48.225	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	11.079	95	274723	51.493	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	646	Below Cal		93
6) Chloroethane	1.709	64	288	Below Cal		95
11) Tert butyl alcohol	2.941	59	1324	Below Cal	#	72
16) Acetone	2.380	43	3353	1.762	ug/l	95
29) Tetrahydrofuran	5.019	42	8153	4.198	ug/l	94
31) Cyclohexane	5.550	56	5841	0.949	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	24817	4.361	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	33327	5.819	ug/l	# 15
41) Methacrylonitrile	5.019	41	4931	1.547	ug/l	# 39
44) Trichloroethene	7.129	130	5513	1.243	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	139088	22.448	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	139088	65.655	ug/l	# 15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
Data File : VX028961.D
Acq On : 25 May 2022 19:21
Operator : JC/MD
Sample : N2990-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RB-220517

Quant Time: May 26 05:46:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

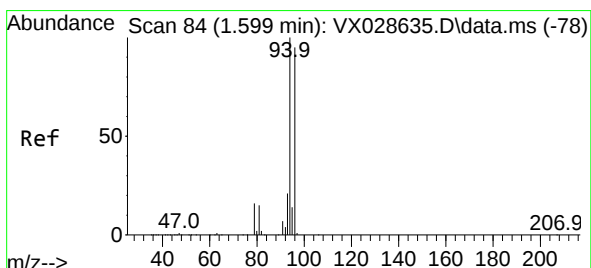
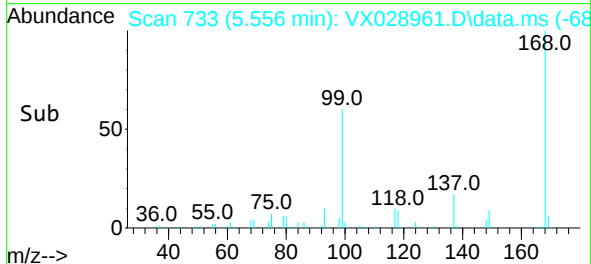
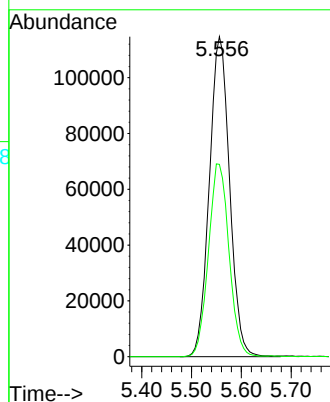
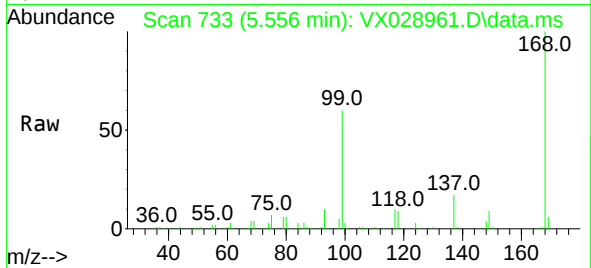




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

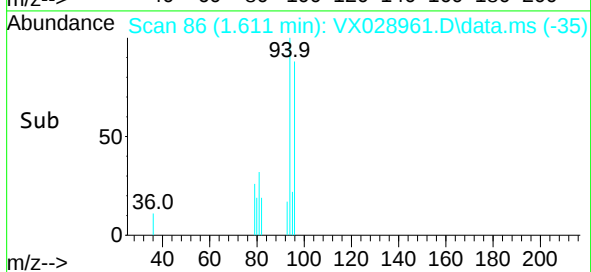
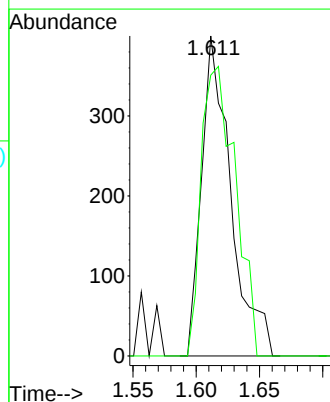
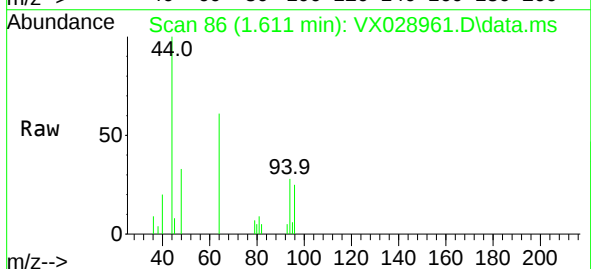
Instrument :
MSVOA_X
ClientSampleId :
RB-220517

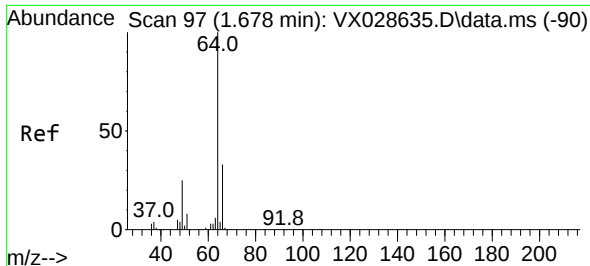
Tgt Ion:168 Resp: 323556
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 87.8 75.3 112.9

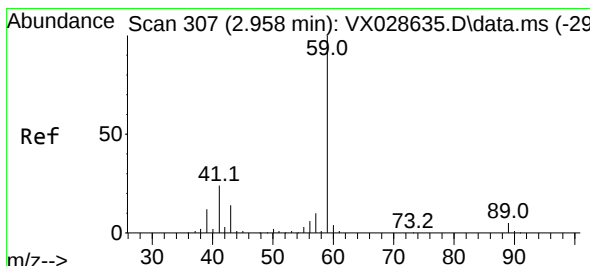
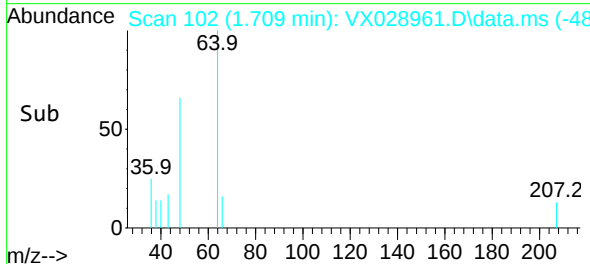
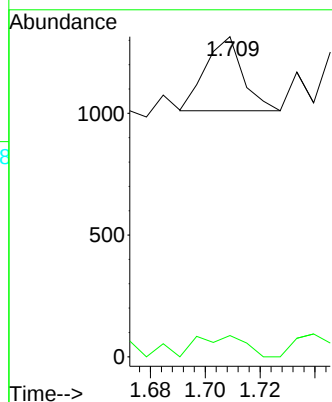
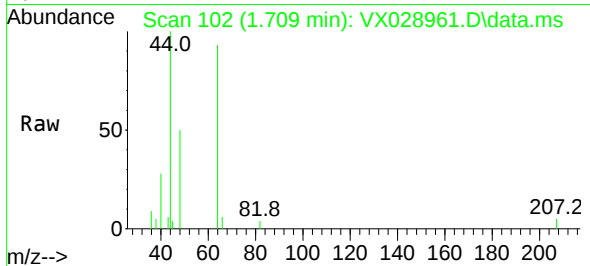




#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.031 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

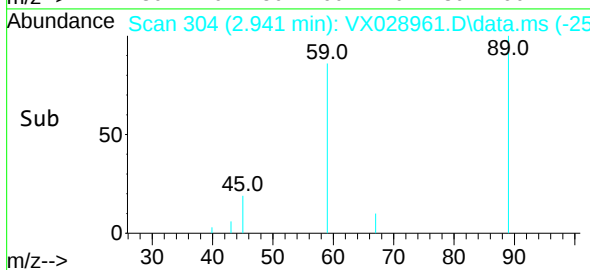
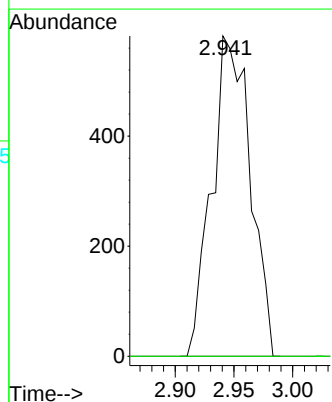
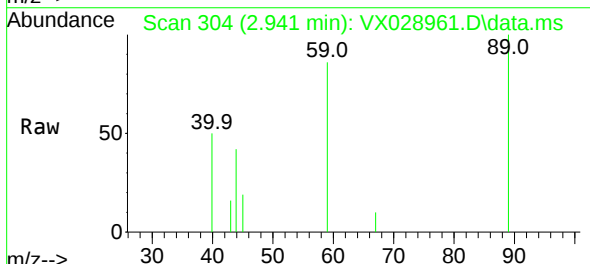
Instrument :
MSVOA_X
ClientSampleId :
RB-220517

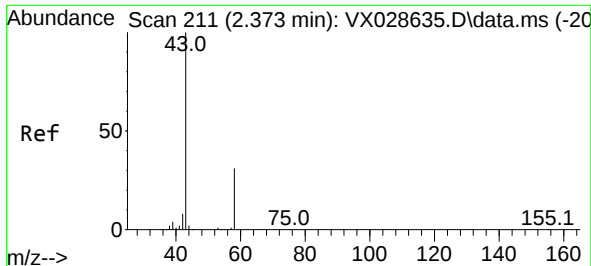
Tgt Ion: 64 Resp: 288
Ion Ratio Lower Upper
64 100
66 28.6 25.3 37.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Tgt Ion: 59 Resp: 1324
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

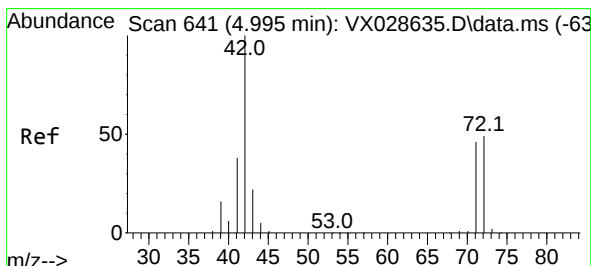
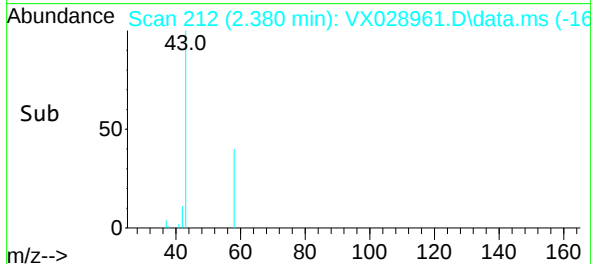
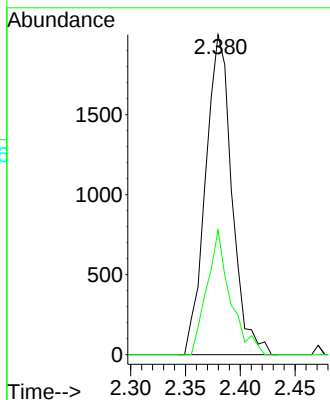
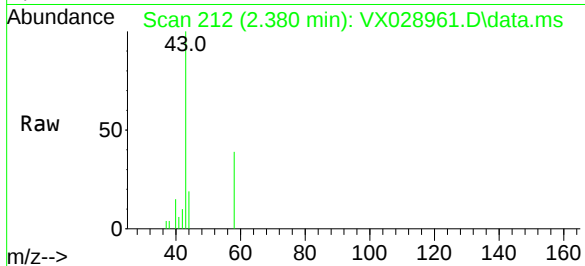




#16
Acetone
Concen: 1.762 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

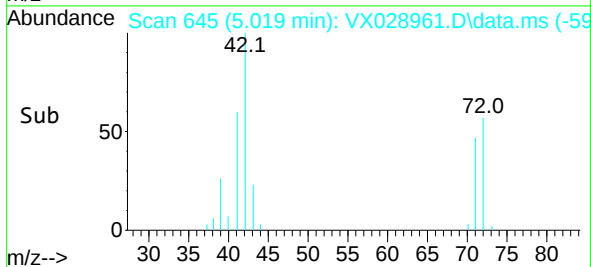
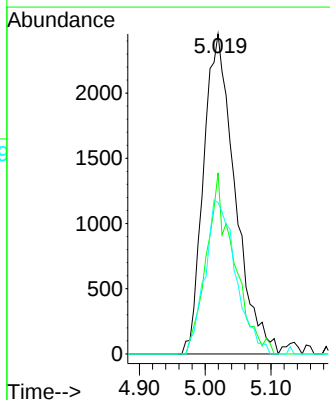
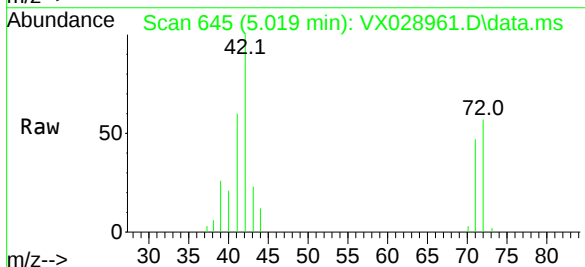
Instrument :
MSVOA_X
ClientSampleId :
RB-220517

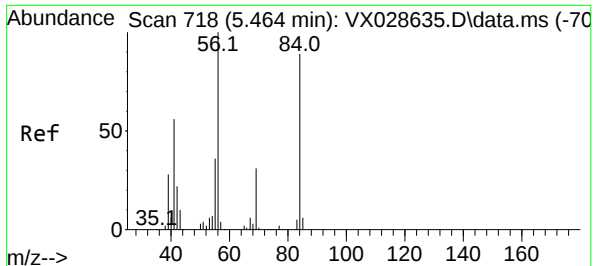
Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
58 39.0 28.8 43.2



#29
Tetrahydrofuran
Concen: 4.198 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.024 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

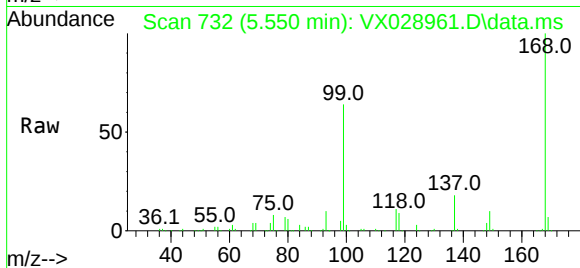
Tgt Ion: 42 Resp: 8153
Ion Ratio Lower Upper
42 100
72 49.5 44.1 66.1
71 47.2 40.5 60.7



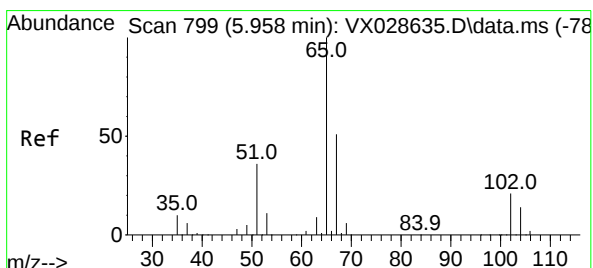
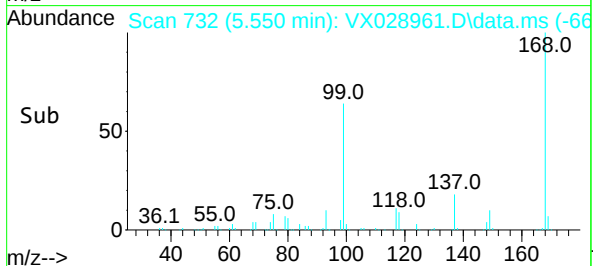
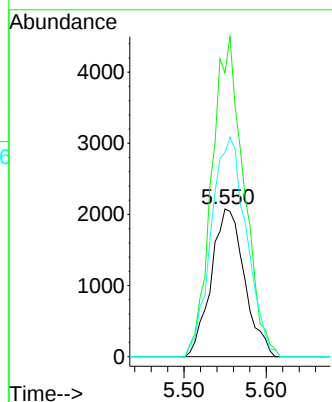


#31
Cyclohexane
Concen: 0.949 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Instrument :
MSVOA_X
ClientSampleId :
RB-220517

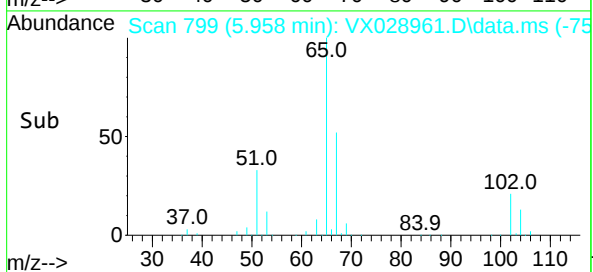
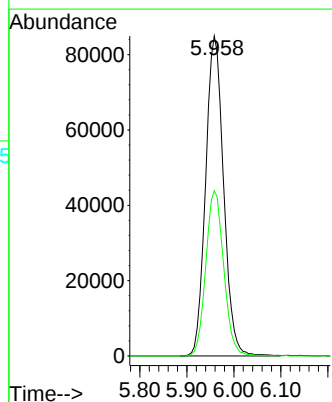
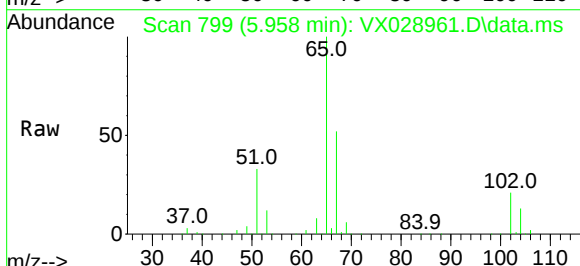


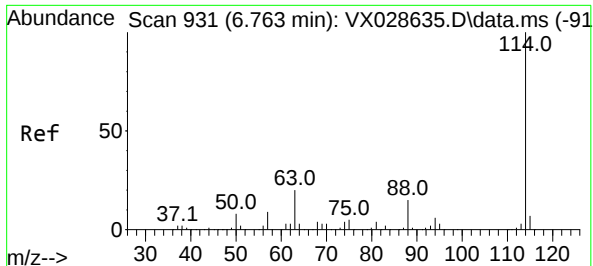
Tgt Ion: 56 Resp: 5841
Ion Ratio Lower Upper
56 100
69 192.1 26.7 40.1#
84 138.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.788 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Tgt Ion: 65 Resp: 225255
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

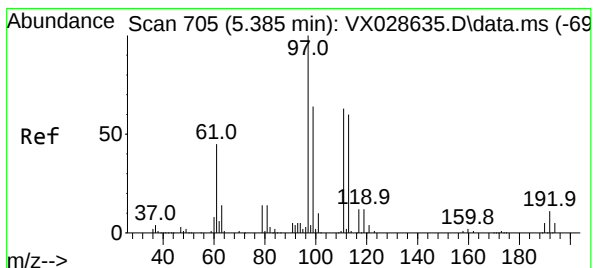
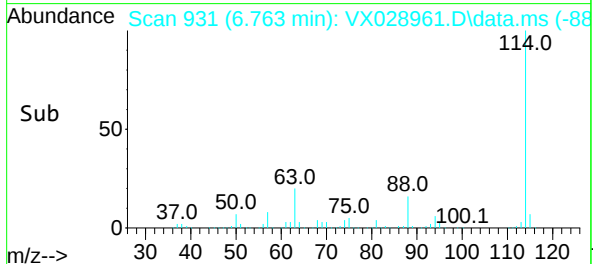
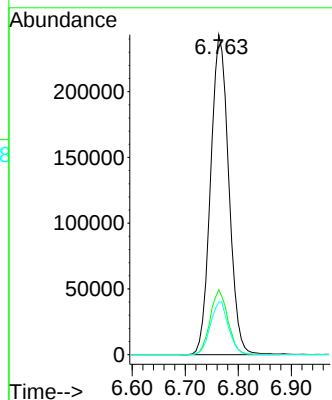
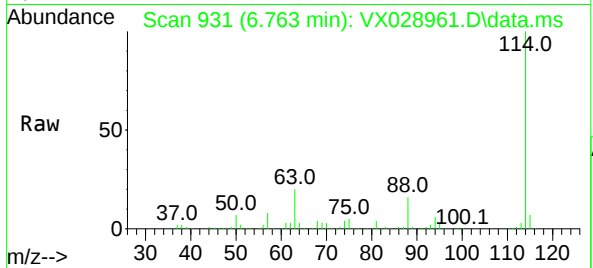




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

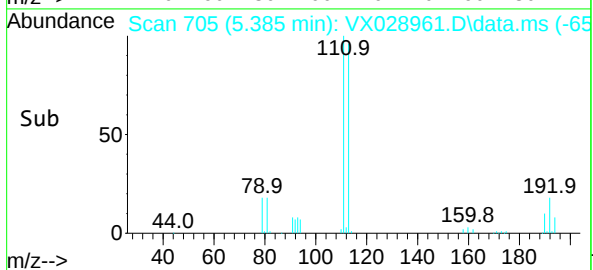
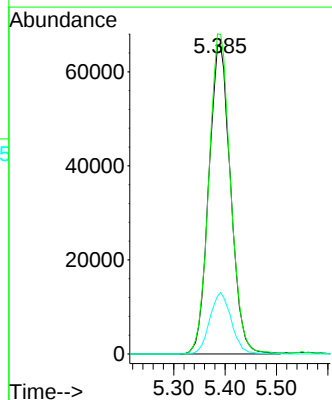
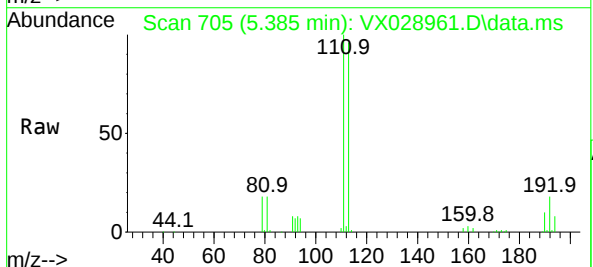
Instrument :
MSVOA_X
ClientSampleId :
RB-220517

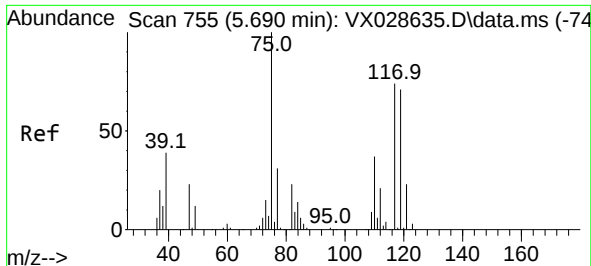
Tgt Ion:114 Resp: 578261
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.103 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Tgt Ion:113 Resp: 193614
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.5 16.9 25.3

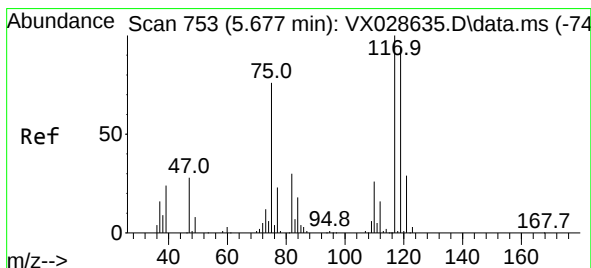
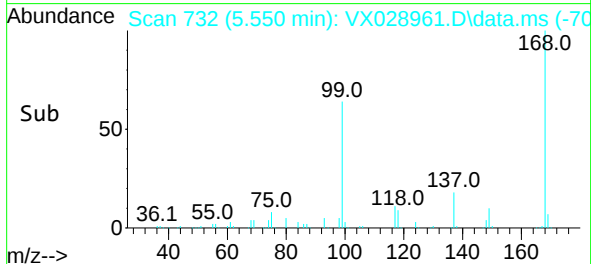
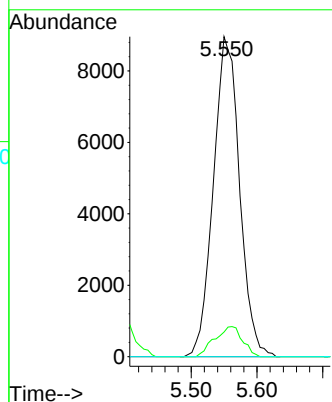
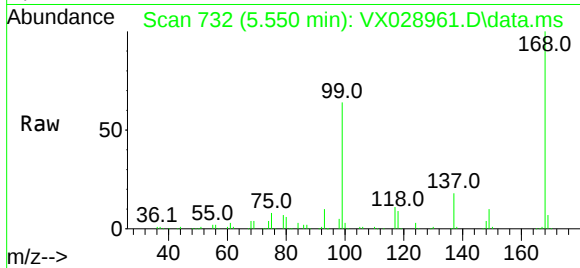




#36
1,1-Dichloropropene
Concen: 4.361 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

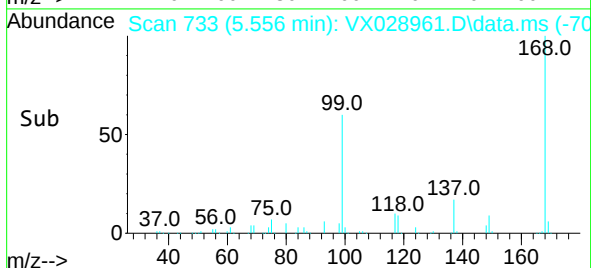
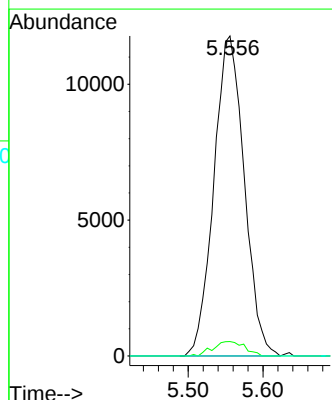
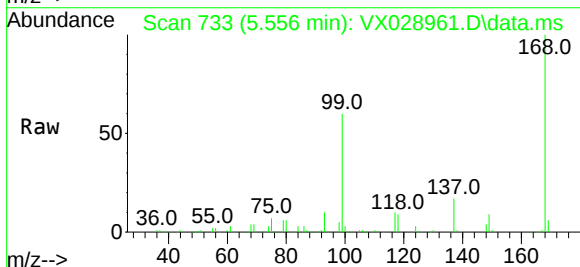
Instrument :
MSVOA_X
ClientSampleId :
RB-220517

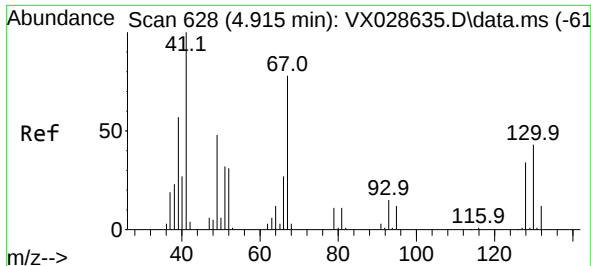
Tgt Ion: 75 Resp: 24817
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.819 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

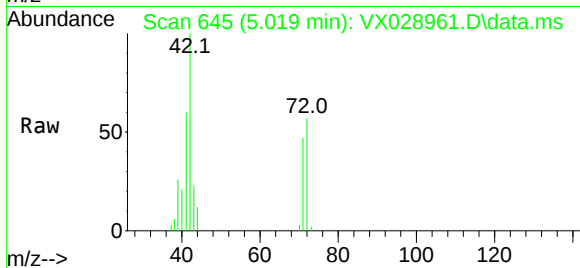
Tgt Ion: 117 Resp: 33327
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



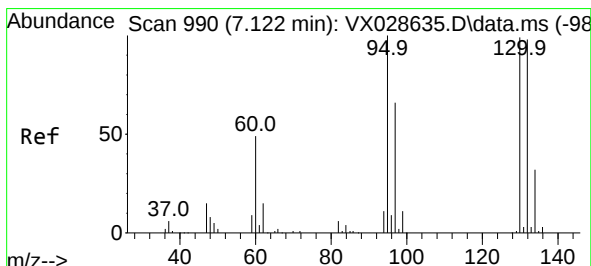
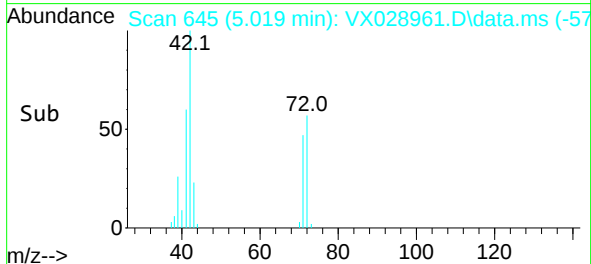
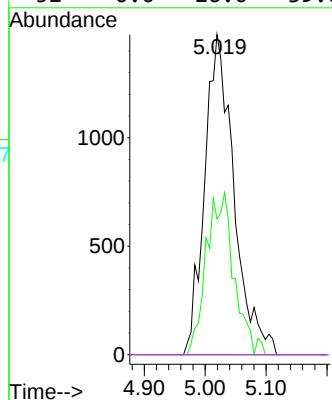


#41
Methacrylonitrile
Concen: 1.547 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.104 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Instrument :
MSVOA_X
ClientSampleId :
RB-220517

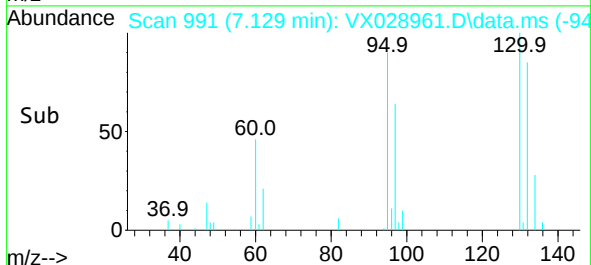
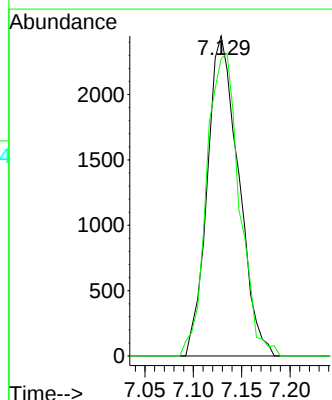
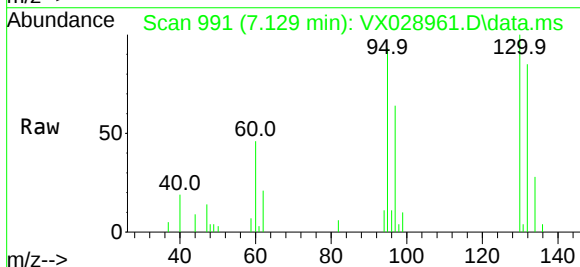


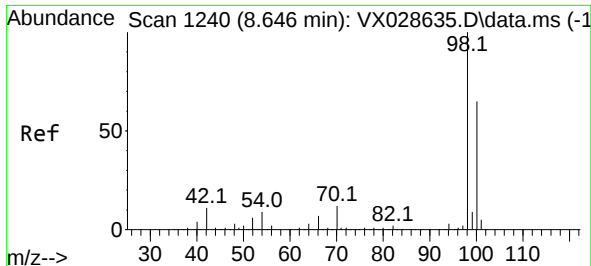
Tgt Ion: 41 Resp: 4931
Ion Ratio Lower Upper
41 100
39 47.0 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#44
Trichloroethene
Concen: 1.243 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Tgt Ion: 130 Resp: 5513
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.8

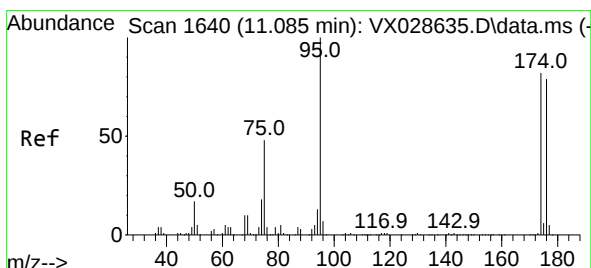
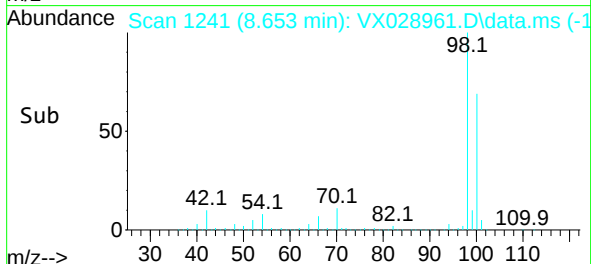
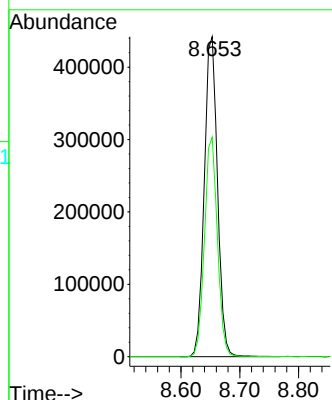
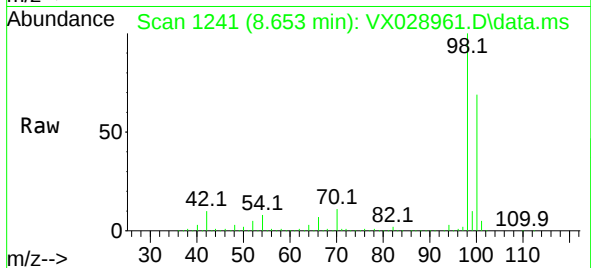




#50
Toluene-d8
Concen: 48.225 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

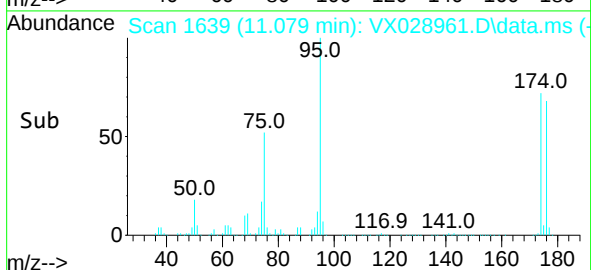
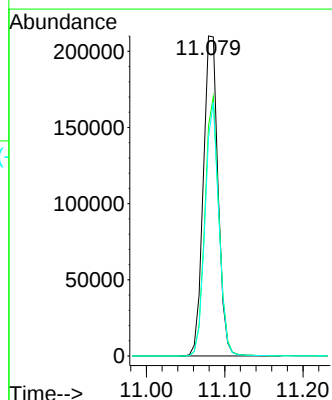
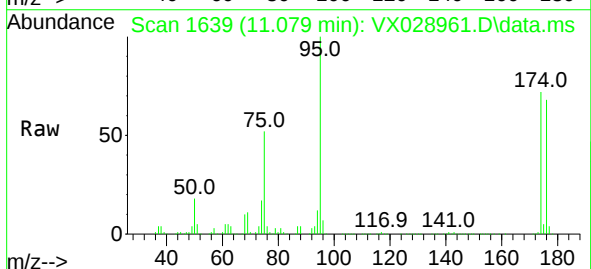
Instrument :
MSVOA_X
ClientSampleId :
RB-220517

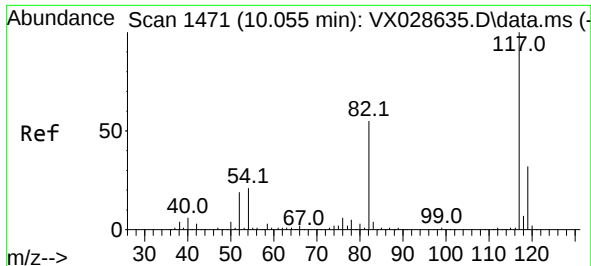
Tgt Ion: 98 Resp: 688848
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Tgt Ion: 95 Resp: 274723
Ion Ratio Lower Upper
95 100
174 77.1 0.0 163.0
176 74.4 0.0 155.0

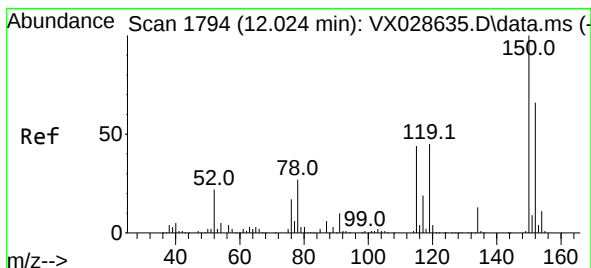
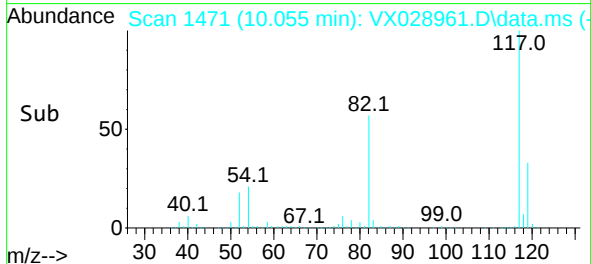
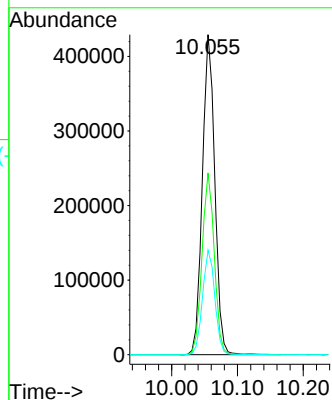
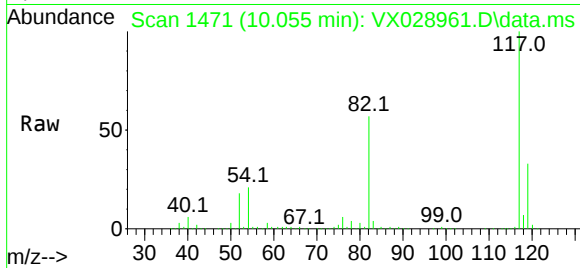




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

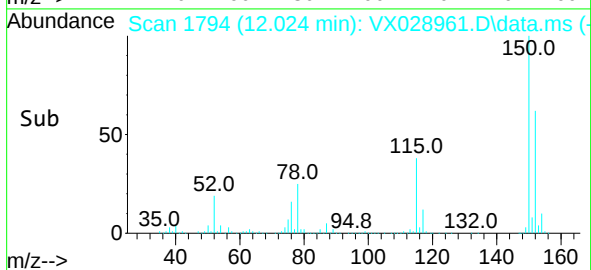
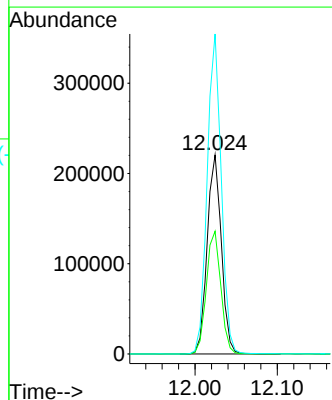
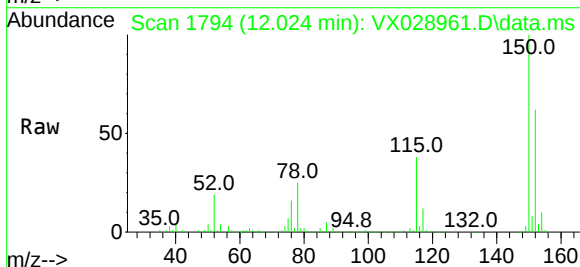
Instrument :
MSVOA_X
ClientSampleId :
RB-220517

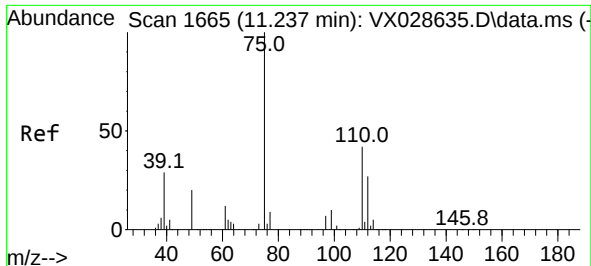
Tgt Ion:117 Resp: 564334
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Tgt Ion:152 Resp: 264570
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 159.8 0.0 338.2

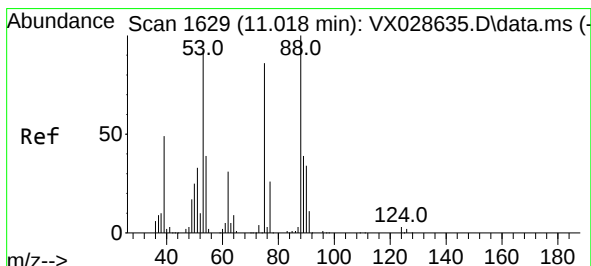
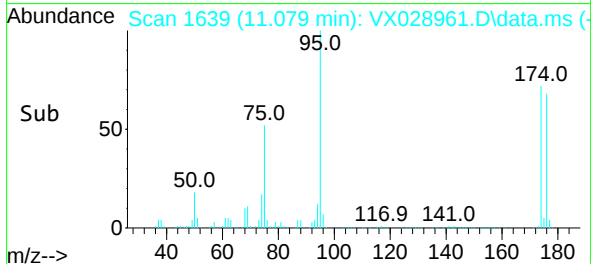
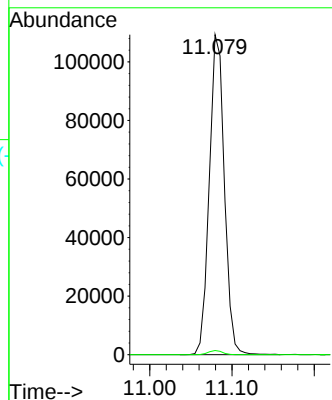
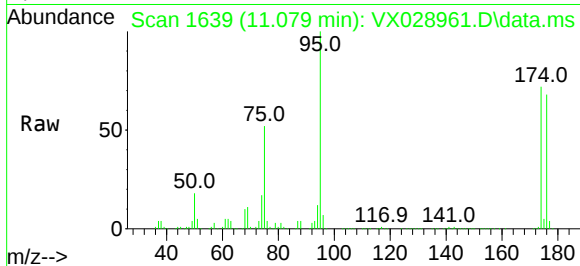




#76
1,2,3-Trichloropropane
Concen: 22.448 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Instrument :
MSVOA_X
ClientSampleId :
RB-220517

Tgt Ion: 75 Resp: 139088
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028961.D
Acq: 25 May 2022 19:21

Tgt Ion: 75 Resp: 139088
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

