

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028902.D
 Acq On : 23 May 2022 18:19
 Operator : JC/MD
 Sample : N2958-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D1-20220517

Quant Time: May 24 05:35:40 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)

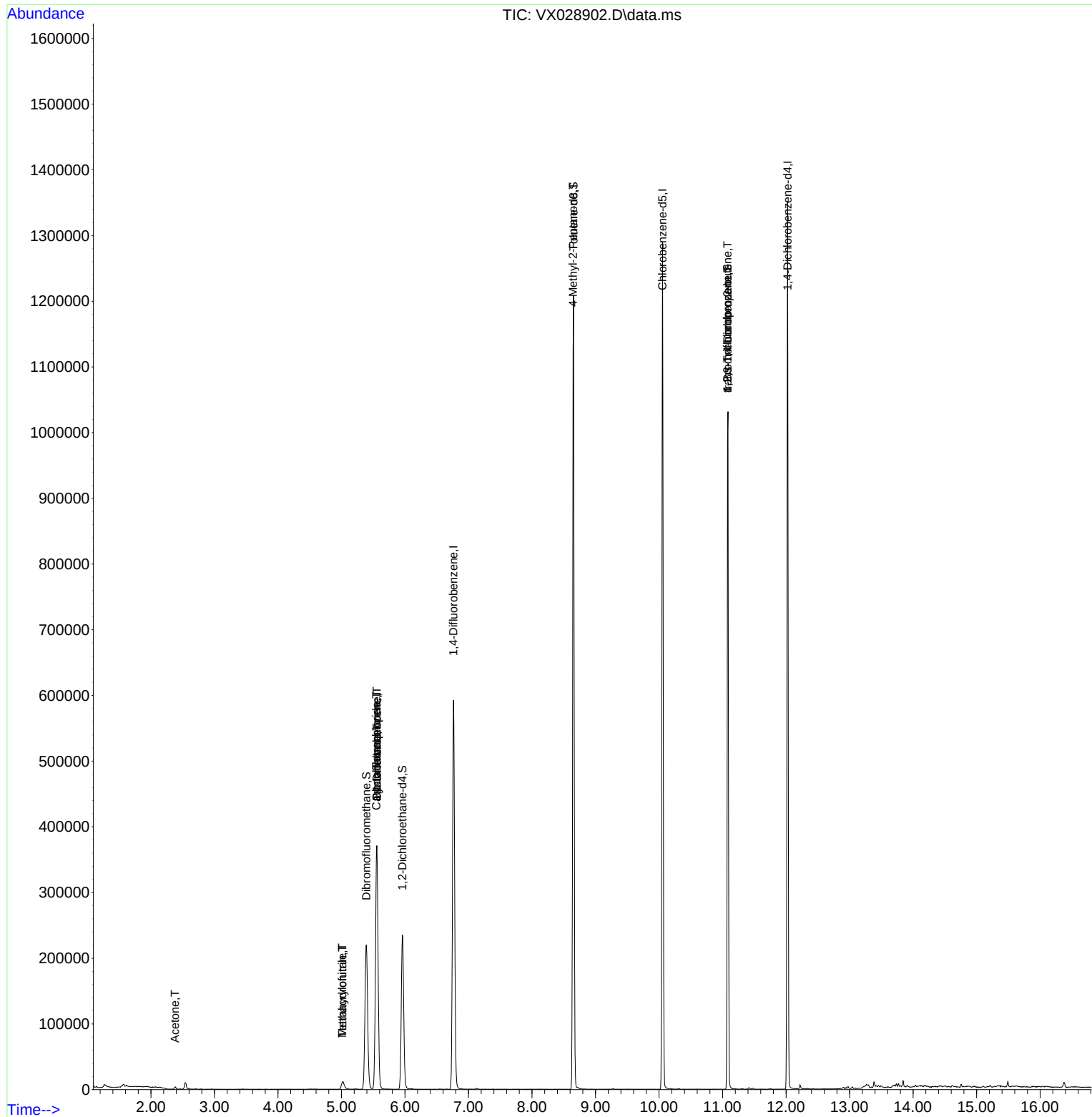
Internal Standards						
1) Pentafluorobenzene	5.556	168	351003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	609959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	579442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	231503	48.115	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.240%		
35) Dibromofluoromethane	5.391	113	197696	49.469	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.940%		
50) Toluene-d8	8.653	98	718316	47.675	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.079	95	290643	51.646	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.300%		
Target Compounds						
5) Bromomethane	1.611	94	1132	Below Cal	Qvalue 99	
6) Chloroethane	1.660	64	5265	Below Cal	# 43	
11) Tert butyl alcohol	2.947	59	224	Below Cal	# 72	
16) Acetone	2.380	43	3733	1.808	ug/l 91	
29) Tetrahydrofuran	5.013	42	11311	5.369	ug/l 95	
31) Cyclohexane	5.556	56	6661	0.997	ug/l # 1	
36) 1,1-Dichloropropene	5.556	75	26736	4.454	ug/l # 50	
38) Carbon Tetrachloride	5.550	117	36432	6.031	ug/l # 15	
41) Methacrylonitrile	5.013	41	6654	1.979	ug/l # 37	
51) 4-Methyl-2-Pentanone	8.647	43	2848	0.441	ug/l # 1	
76) 1,2,3-Trichloropropane	11.079	75	144891	22.823	ug/l # 38	
81) trans-1,4-Dichloro-2-b...	11.079	75	144891	66.687	ug/l # 15	

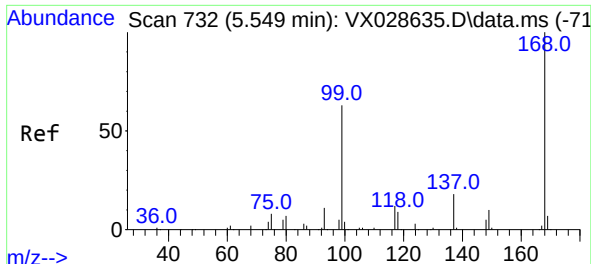
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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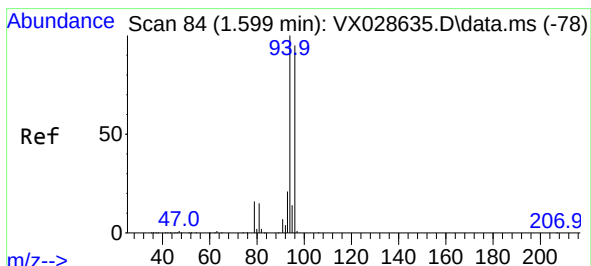
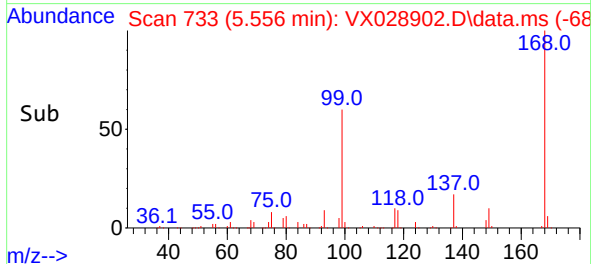
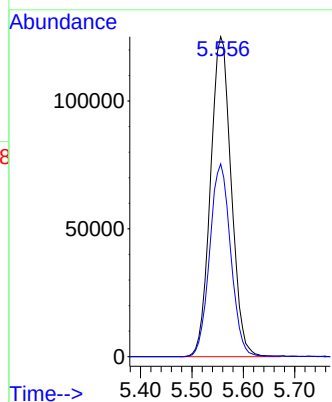
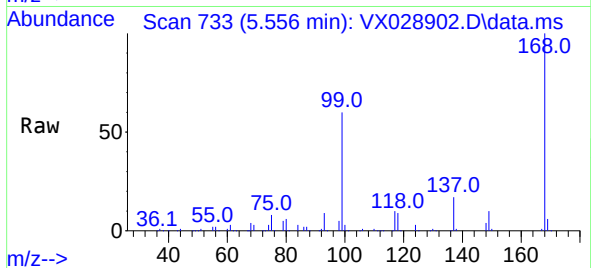




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

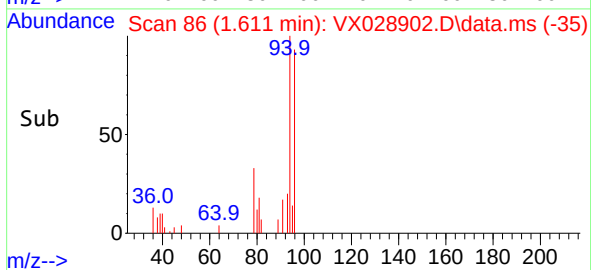
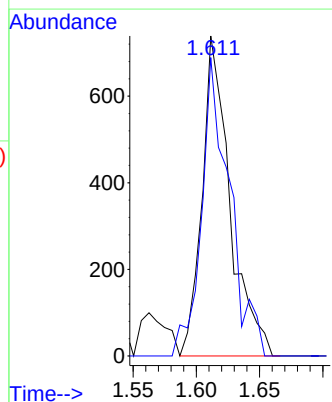
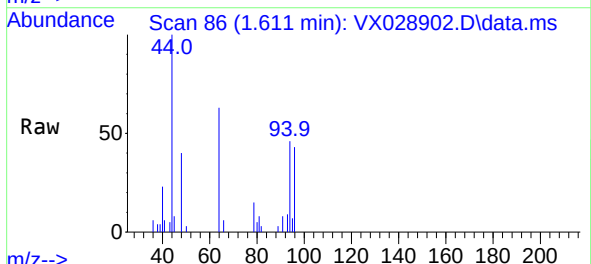
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220517

Tgt Ion:168 Resp: 351003
Ion Ratio Lower Upper
168 100
99 60.3 41.7 62.5

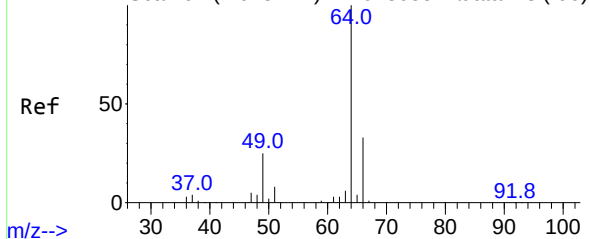


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

Tgt Ion: 94 Resp: 1132
Ion Ratio Lower Upper
94 100
96 93.2 75.3 112.9



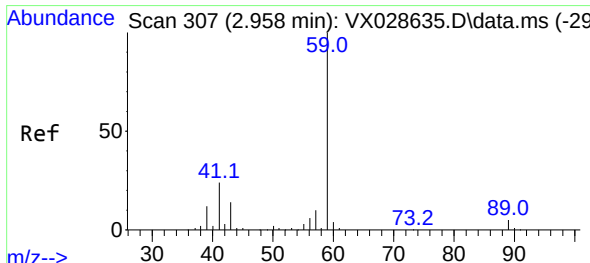
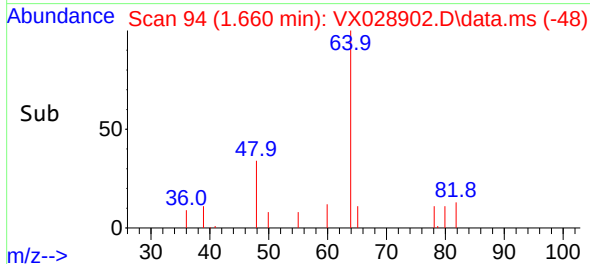
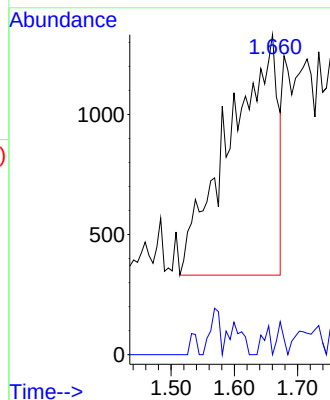
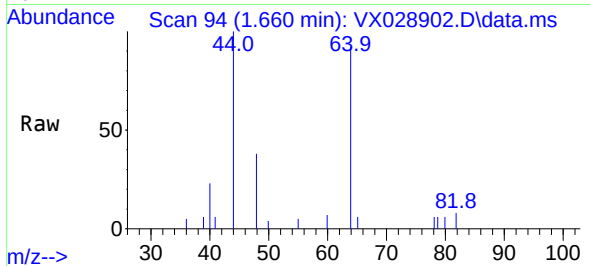
Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

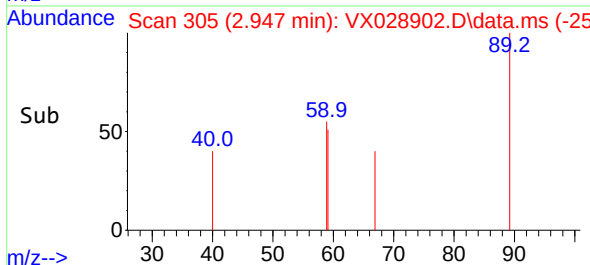
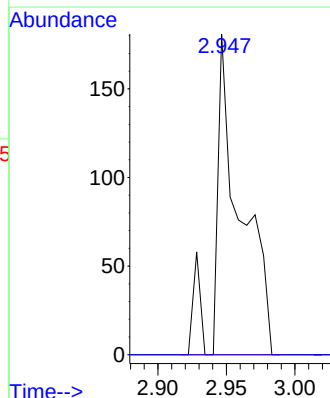
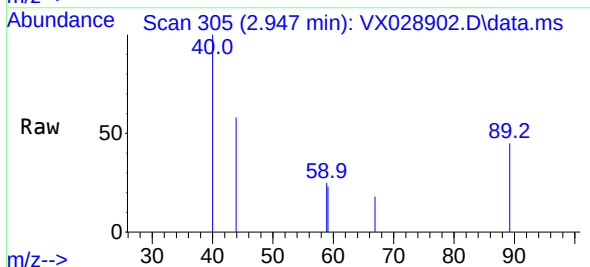
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220517

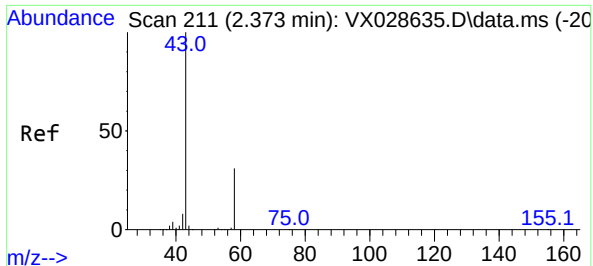
Tgt Ion: 64 Resp: 5265
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

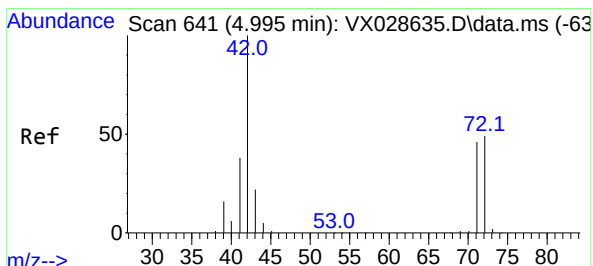
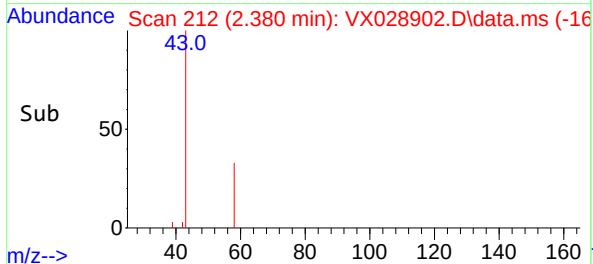
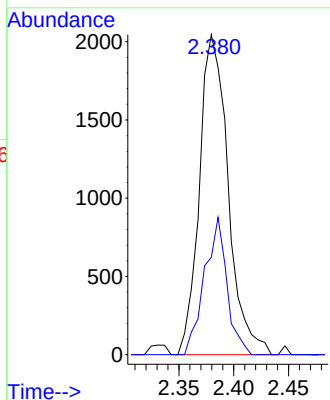
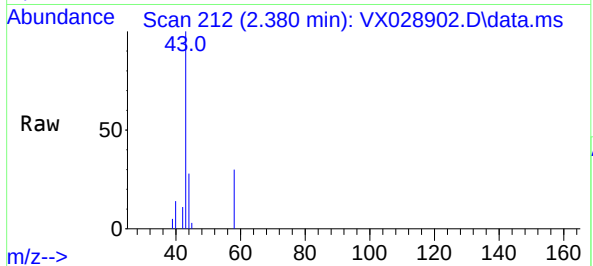




#16
Acetone
Concen: 1.808 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

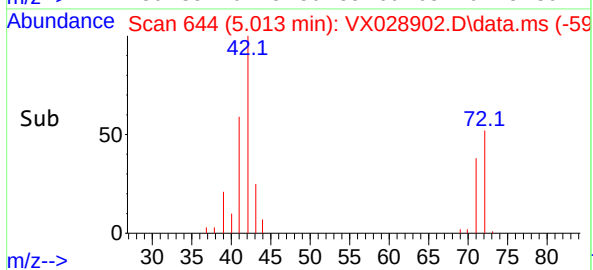
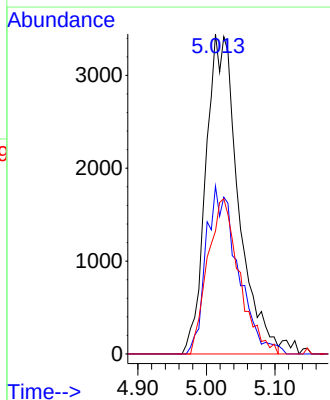
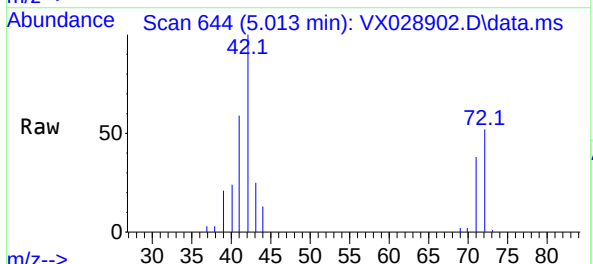
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220517

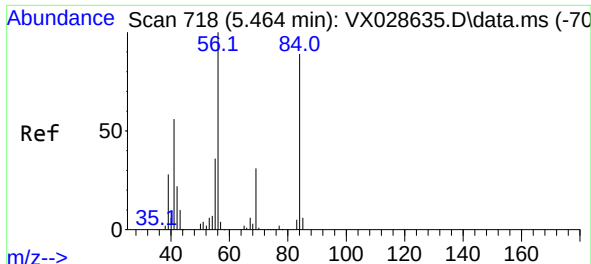
Tgt Ion: 43 Resp: 3733
Ion Ratio Lower Upper
43 100
58 30.5 28.8 43.2



#29
Tetrahydrofuran
Concen: 5.369 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.018 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

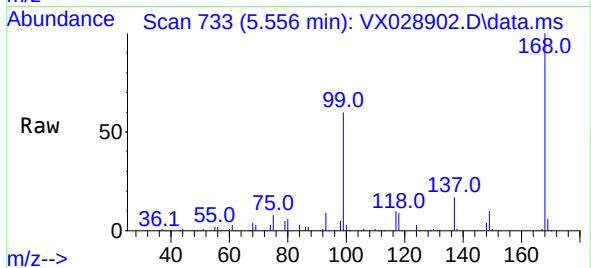
Tgt Ion: 42 Resp: 11311
Ion Ratio Lower Upper
42 100
72 51.5 44.1 66.1
71 47.3 40.5 60.7



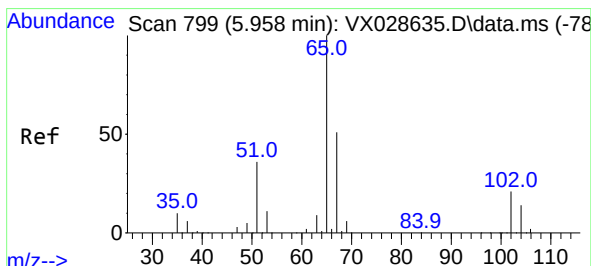
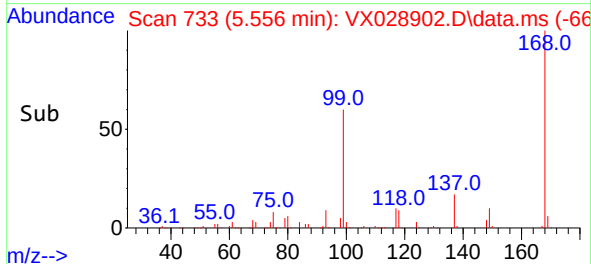
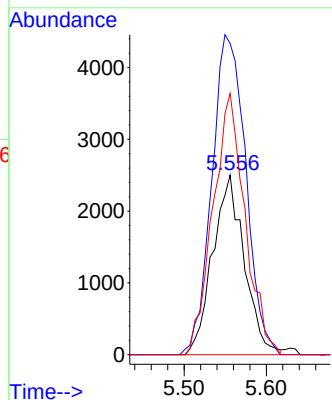


#31
Cyclohexane
Concen: 0.997 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220517

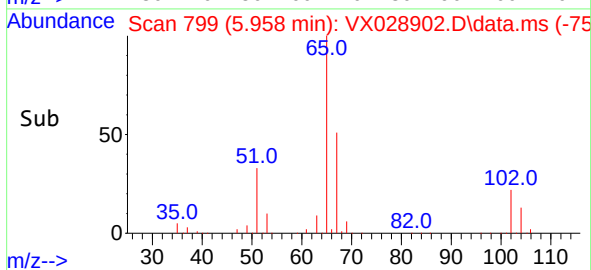
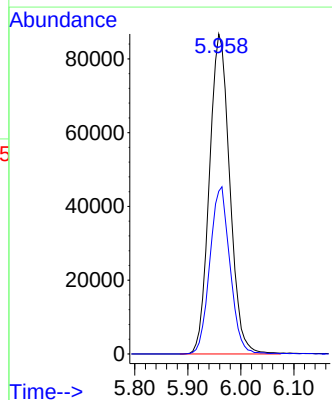
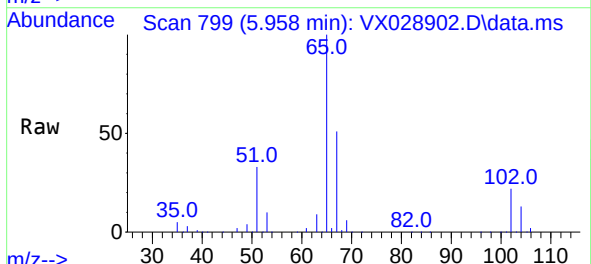


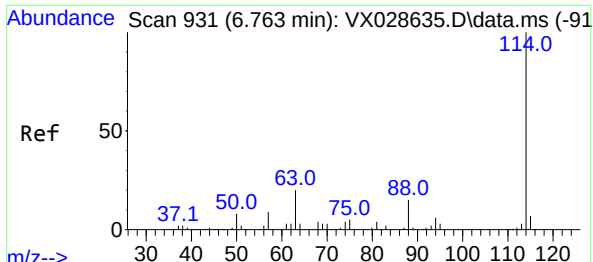
Tgt Ion: 56 Resp: 6661
Ion Ratio Lower Upper
56 100
69 173.1 26.7 40.1#
84 145.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.115 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

Tgt Ion: 65 Resp: 231503
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

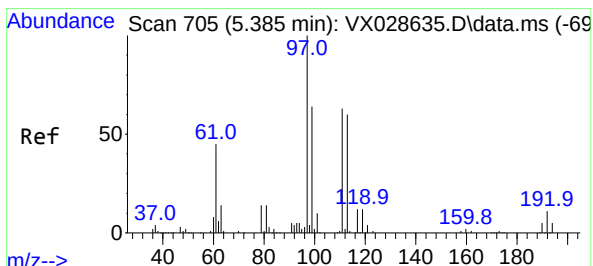
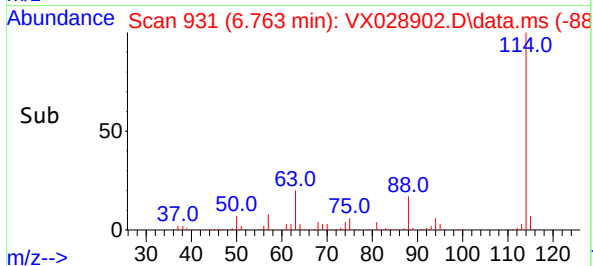
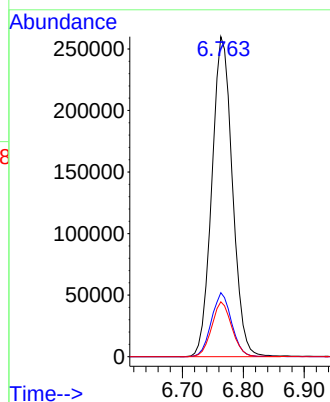
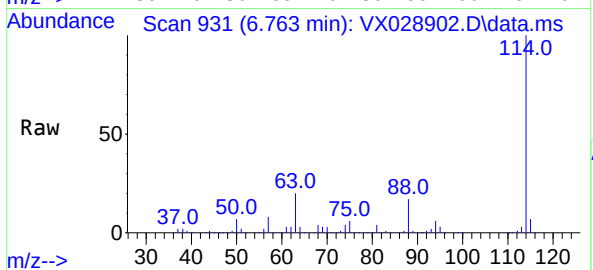




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

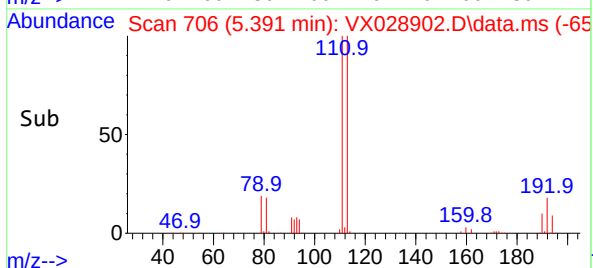
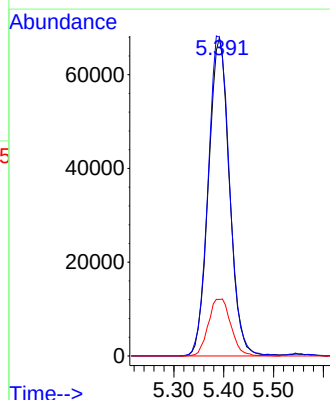
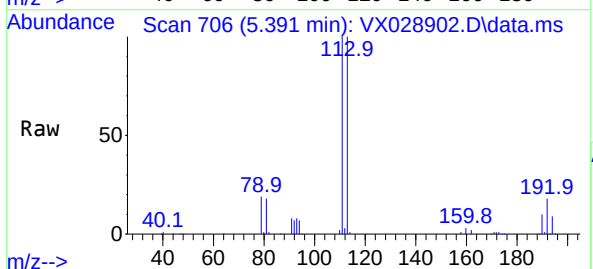
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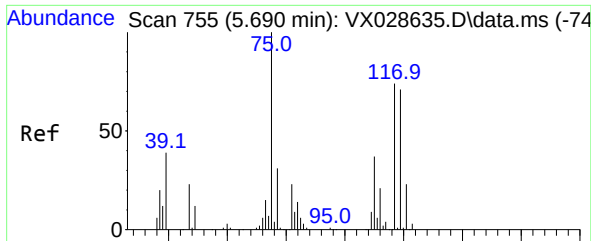
Tgt Ion:114 Resp: 609959
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 17.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.469 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

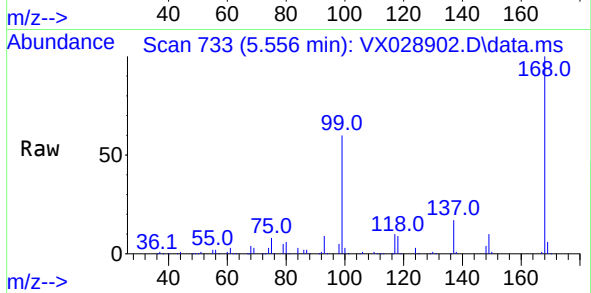
Tgt Ion:113 Resp: 197696
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.3 16.9 25.3



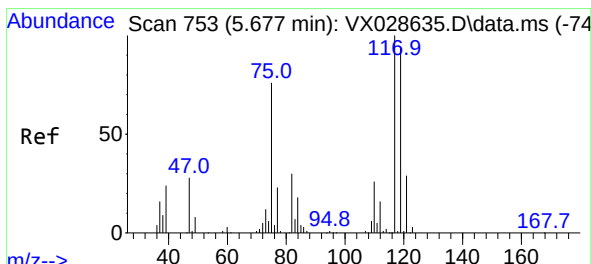
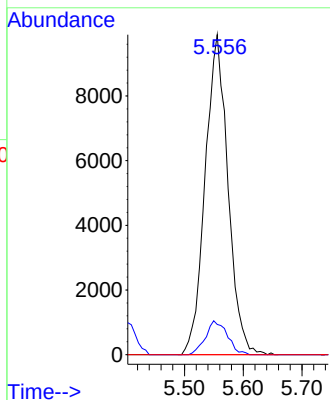
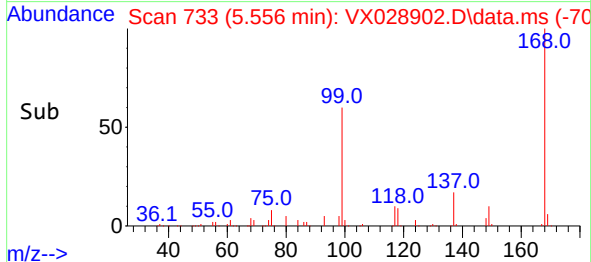


#36
1,1-Dichloropropene
Concen: 4.454 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

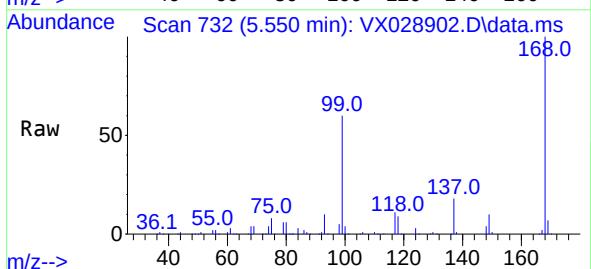
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220517



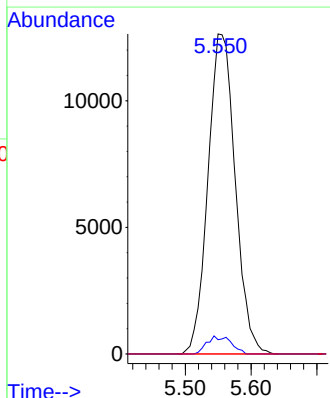
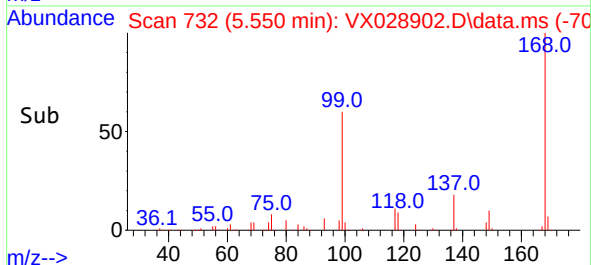
Tgt Ion: 75 Resp: 26736
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#

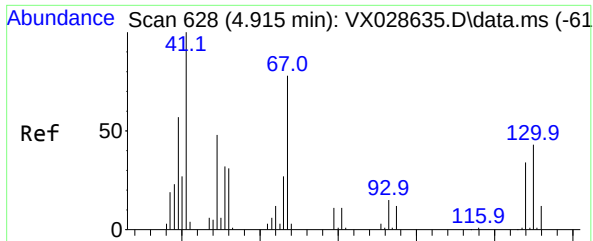


#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19



Tgt Ion: 117 Resp: 36432
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#

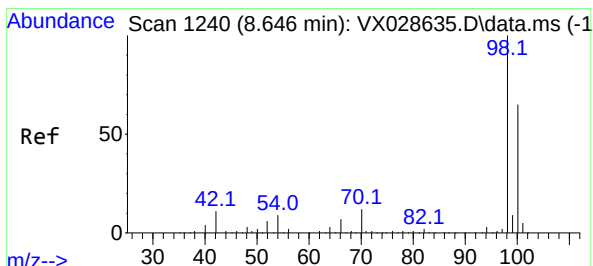
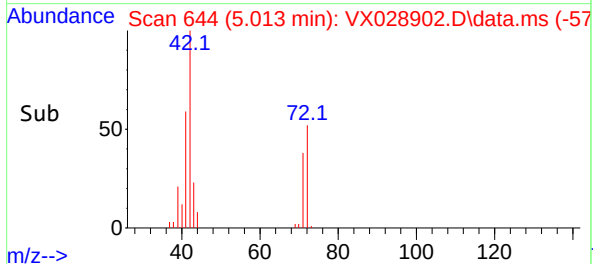
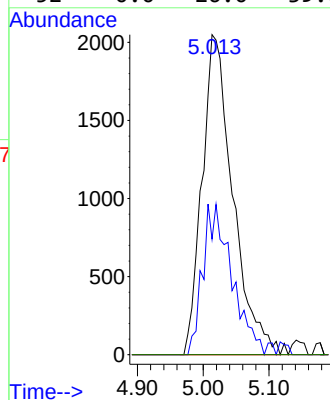
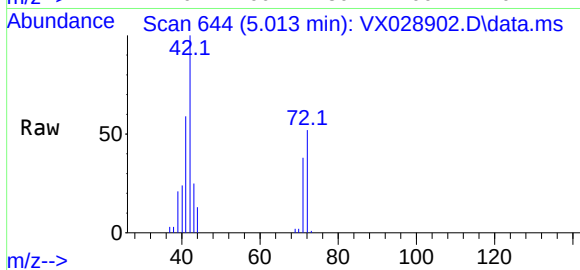




#41
Methacrylonitrile
Concen: 1.979 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.098 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

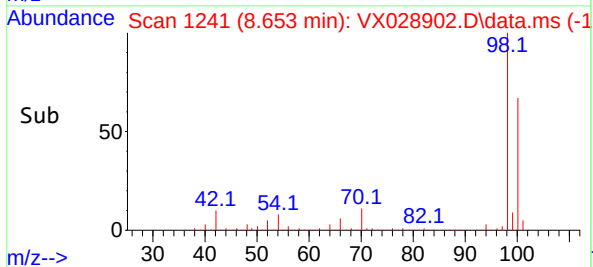
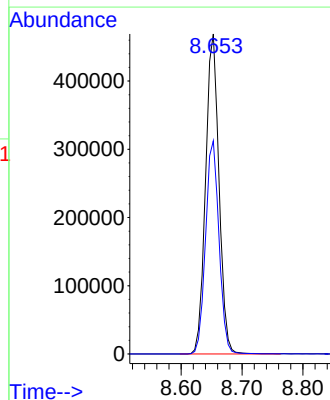
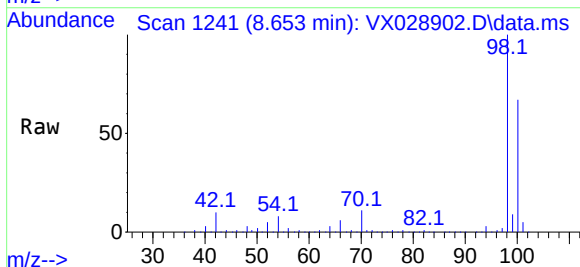
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220517

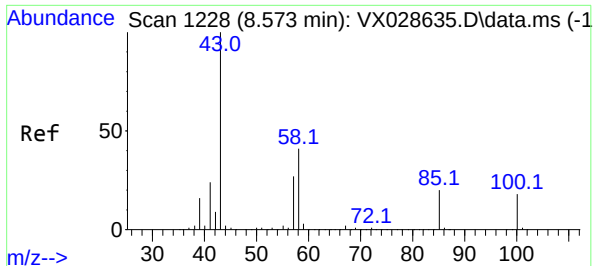
Tgt Ion:	41	Resp:	6654
Ion	Ratio	Lower	Upper
41	100		
39	44.3	43.0	64.4
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#



#50
Toluene-d8
Concen: 47.675 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

Tgt Ion:	98	Resp:	718316
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 0.441 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX028902.D

Acq: 23 May 2022 18:19

Instrument :

MSVOA_X

ClientSampleId :

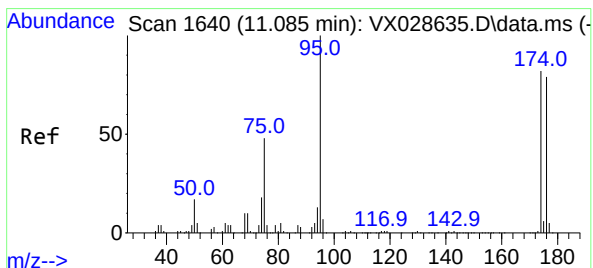
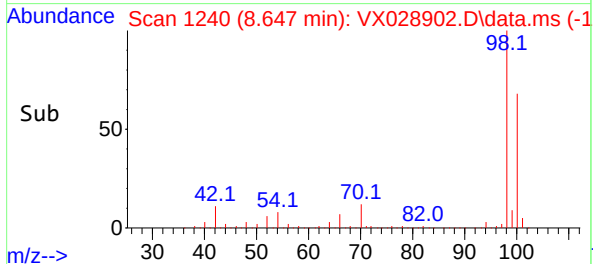
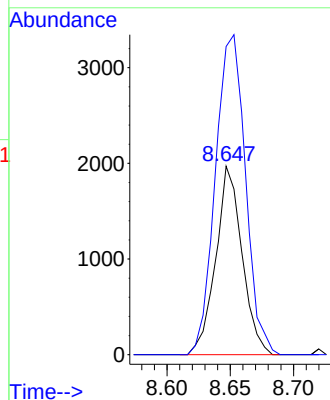
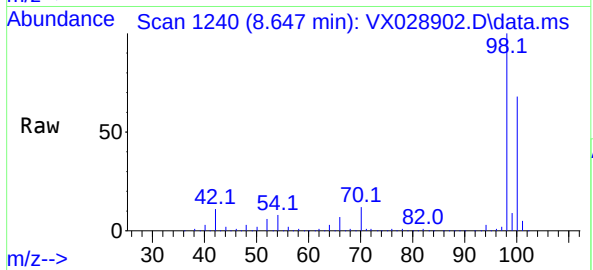
RW8-MW01D1-20220517

Tgt Ion: 43 Resp: 2848

Ion Ratio Lower Upper

43 100

58 194.4 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 51.646 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028902.D

Acq: 23 May 2022 18:19

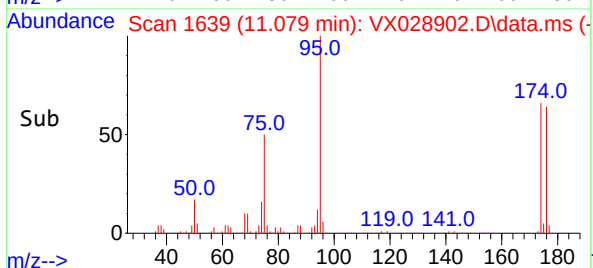
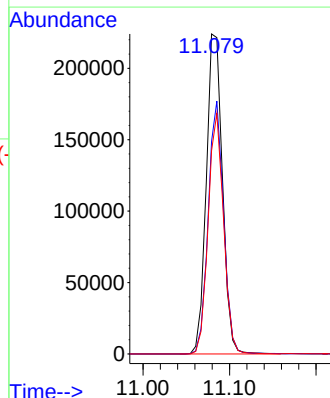
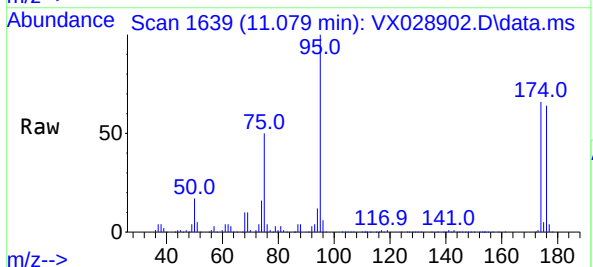
Tgt Ion: 95 Resp: 290643

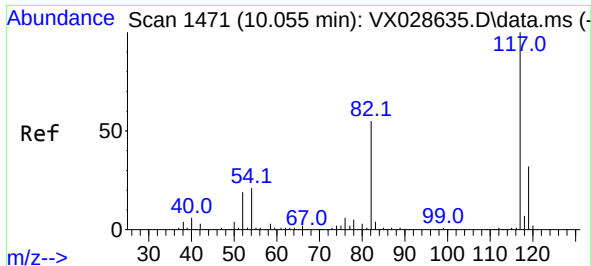
Ion Ratio Lower Upper

95 100

174 75.3 0.0 163.0

176 71.6 0.0 155.0

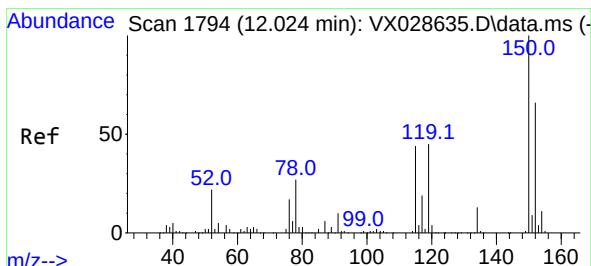
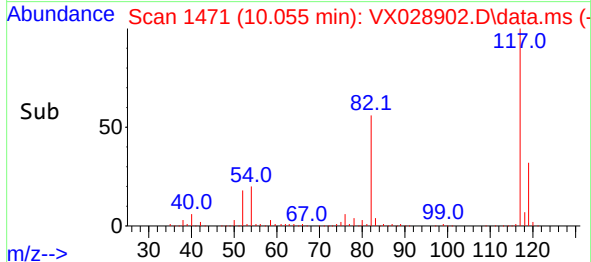
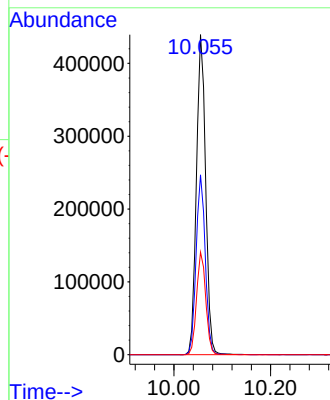
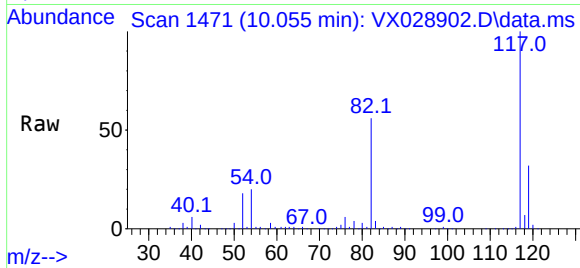




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

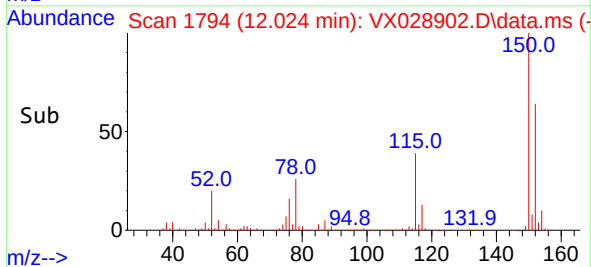
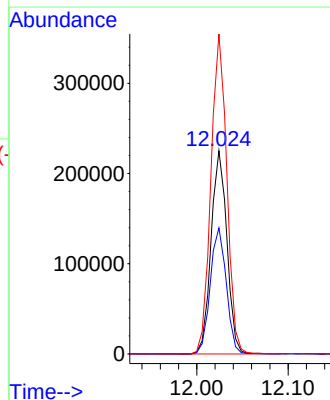
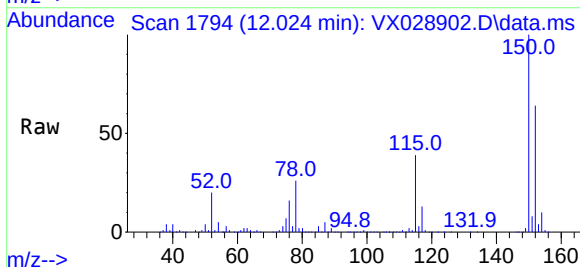
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220517

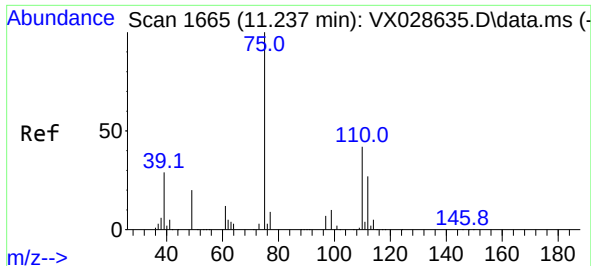
Tgt Ion:117 Resp: 579442
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

Tgt Ion:152 Resp: 271080
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 157.8 0.0 338.2

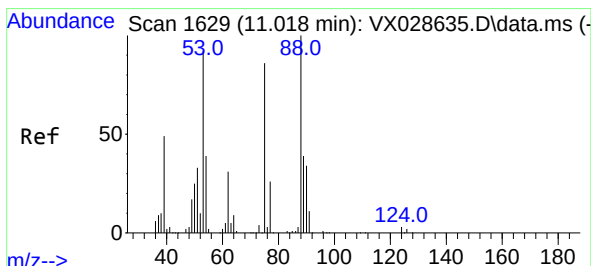
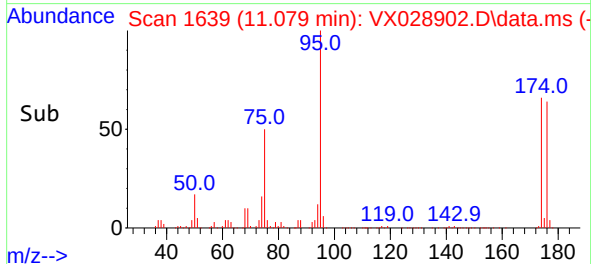
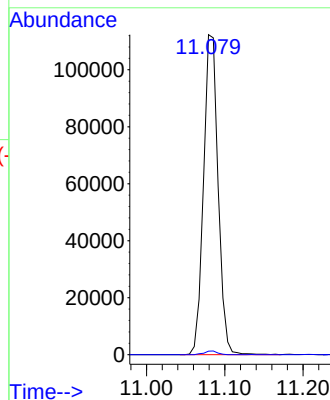
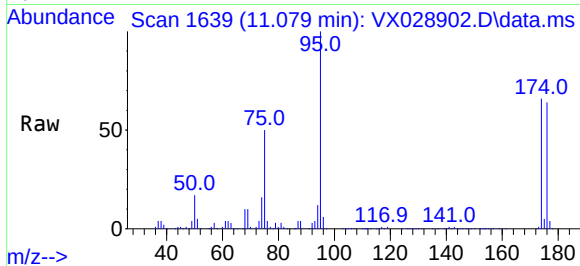




#76
1,2,3-Trichloropropane
Concen: 22.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D1-20220517

Tgt Ion: 75 Resp: 144891
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028902.D
Acq: 23 May 2022 18:19

Tgt Ion: 75 Resp: 144891
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

