

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028846.D
 Acq On : 20 May 2022 12:57
 Operator : JC/MD
 Sample : N2941-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 12BR-20220518

Quant Time: May 20 23:27:21 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)

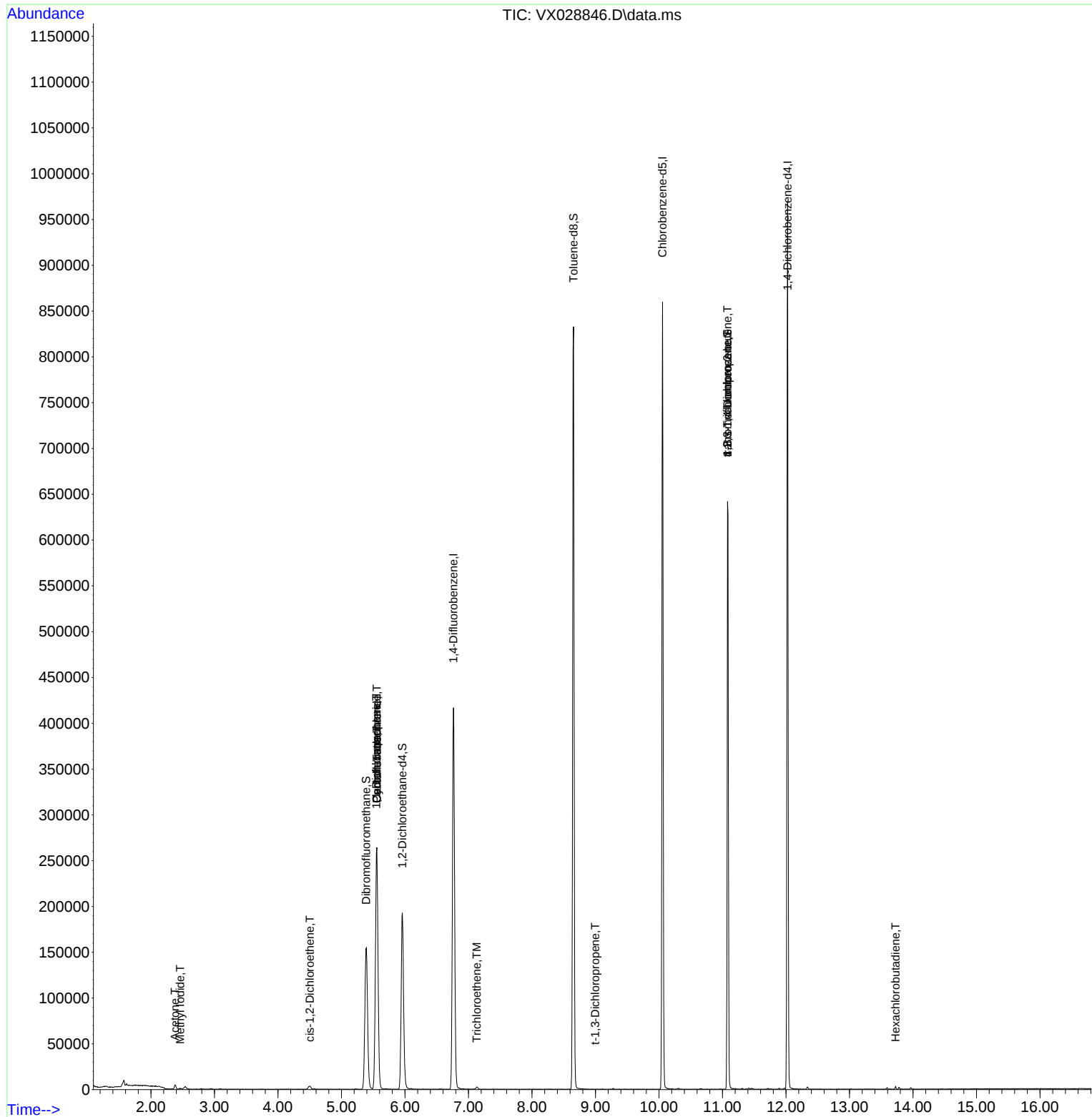
Internal Standards						
1) Pentafluorobenzene	5.556	168	242420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	420710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188918	56.851	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.700%
35) Dibromofluoromethane	5.385	113	135688	49.226	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.460%
50) Toluene-d8	8.653	98	499056	48.022	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.040%
62) 4-Bromofluorobenzene	11.079	95	168214	43.336	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	937	Below Cal	#	71
6) Chloroethane	1.679	64	222	Below Cal	#	87
10) Methyl Iodide	2.459	142	961	0.297	ug/l #	88
11) Tert butyl alcohol	2.953	59	460	Below Cal	#	72
16) Acetone	2.380	43	4725	3.313	ug/l #	86
27) cis-1,2-Dichloroethene	4.501	96	2578	0.781	ug/l	91
31) Cyclohexane	5.556	56	5748	1.246	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	19779	4.777	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26519	6.365	ug/l #	15
44) Trichloroethene	7.129	130	1040	0.322	ug/l	87
53) t-1,3-Dichloropropene	8.994	75	53	1.652	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	90198	20.617	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	90198	60.615	ug/l #	15
94) Hexachlorobutadiene	13.725	225	514	0.339	ug/l	89

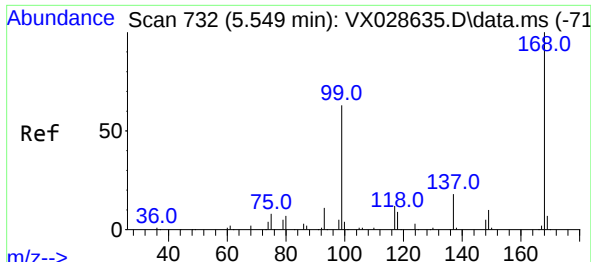
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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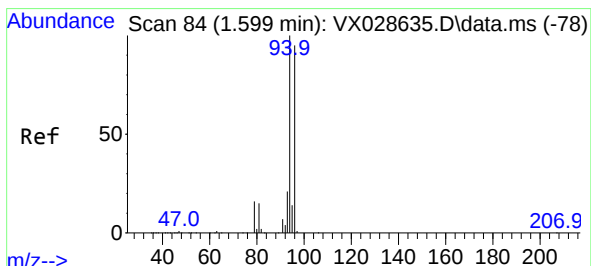
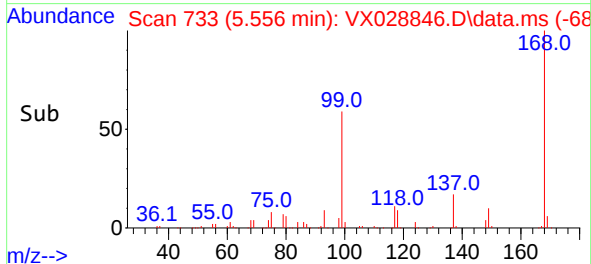
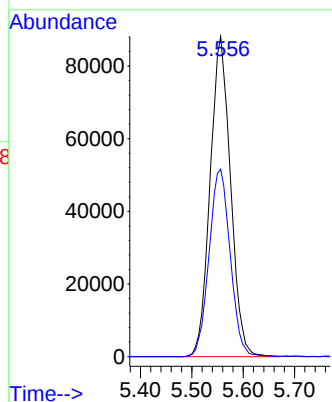
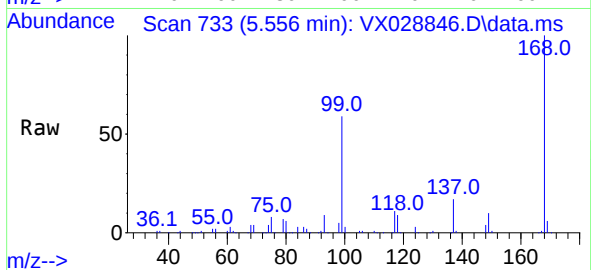




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

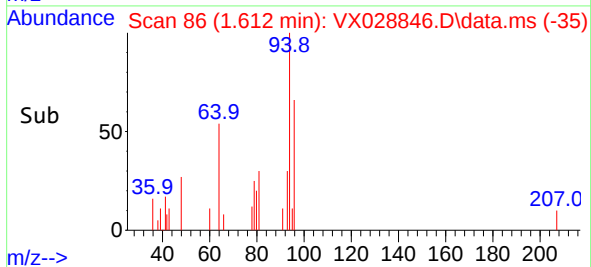
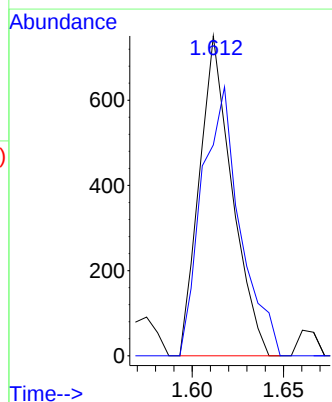
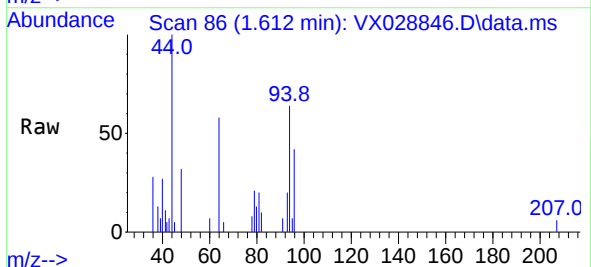
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

Tgt Ion:168 Resp: 242420
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5

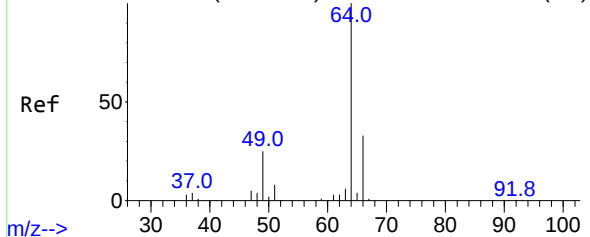


#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

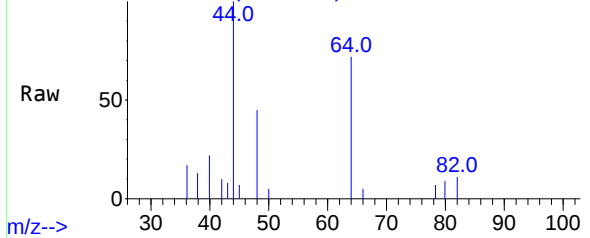
Tgt Ion: 94 Resp: 937
Ion Ratio Lower Upper
94 100
96 65.9 75.3 112.9#



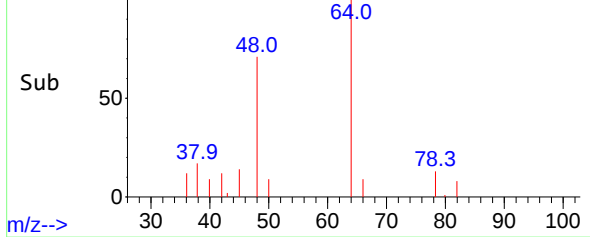
Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



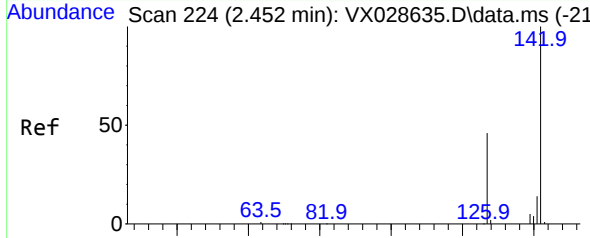
m/z--> Scan 97 (1.679 min): VX028846.D\data.ms



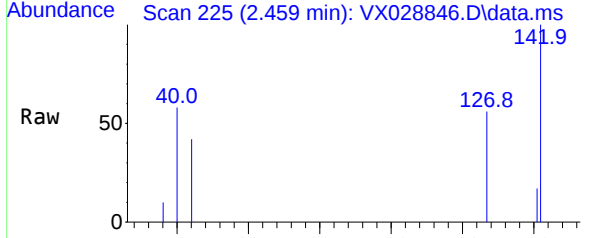
m/z--> Abundance Scan 97 (1.679 min): VX028846.D\data.ms (-48)



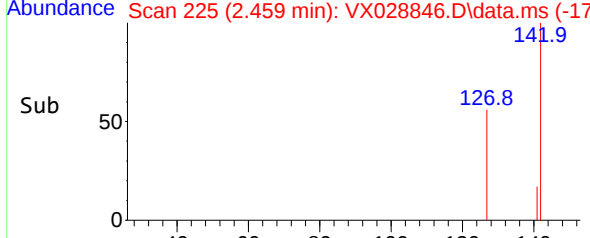
m/z--> Abundance Scan 224 (2.452 min): VX028635.D\data.ms (-21)



m/z--> Abundance Scan 225 (2.459 min): VX028846.D\data.ms



m/z--> Abundance Scan 225 (2.459 min): VX028846.D\data.ms (-17)



m/z--> Time-->

#6

Chloroethane

Concen: Below Cal

RT: 1.679 min Scan# 91

Delta R.T. 0.001 min

Lab File: VX028846.D

Acq: 20 May 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

12BR-20220518

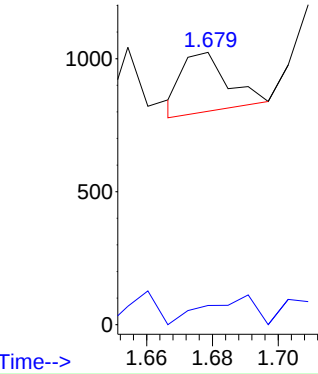
Tgt Ion: 64 Resp: 222

Ion Ratio Lower Upper

64 100

66 38.9 25.3 37.9#

Abundance



#10

Methyl Iodide

Concen: 0.297 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.007 min

Lab File: VX028846.D

Acq: 20 May 2022 12:57

Tgt Ion: 142 Resp: 961

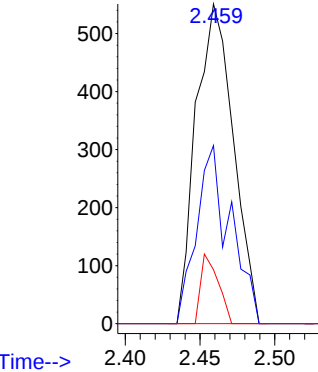
Ion Ratio Lower Upper

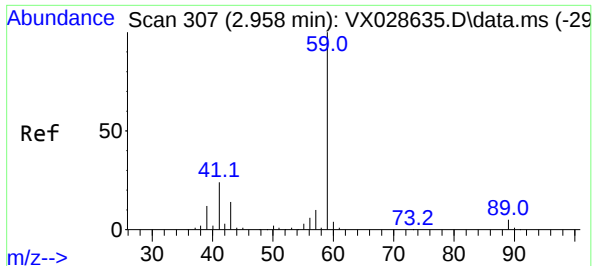
142 100

127 50.1 33.9 50.9

141 10.1 11.4 17.2#

Abundance

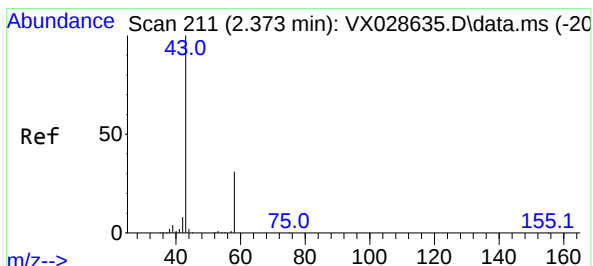
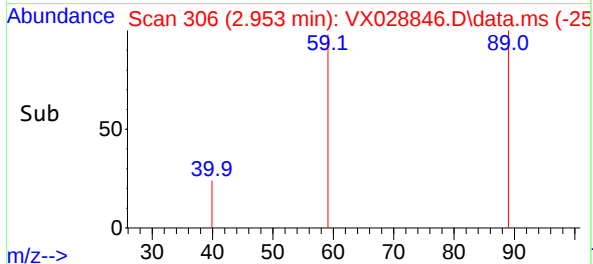
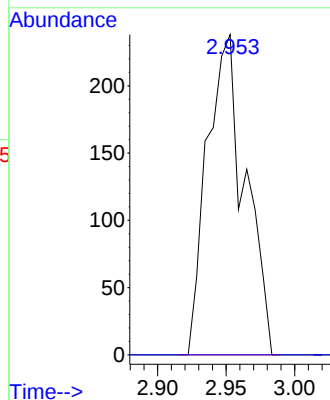
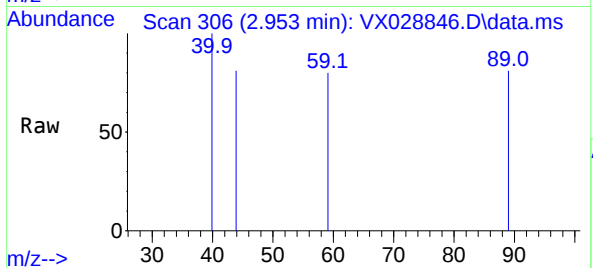




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

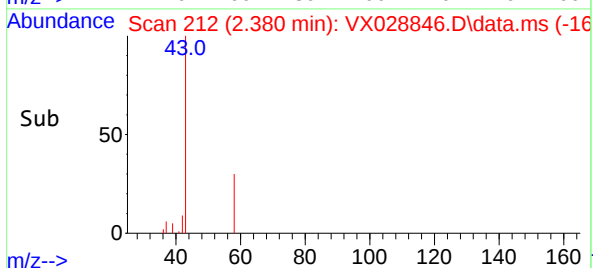
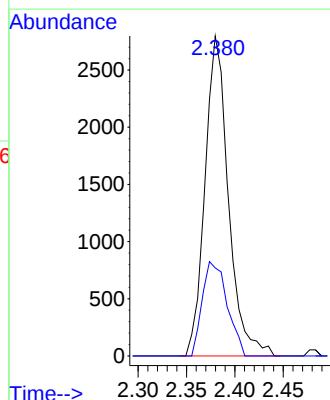
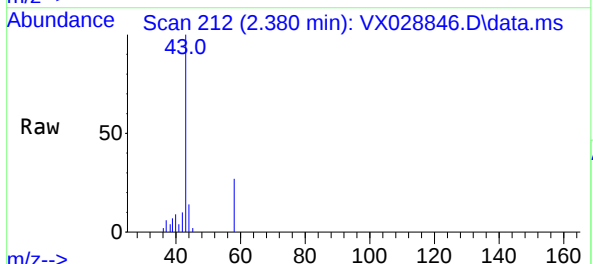
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

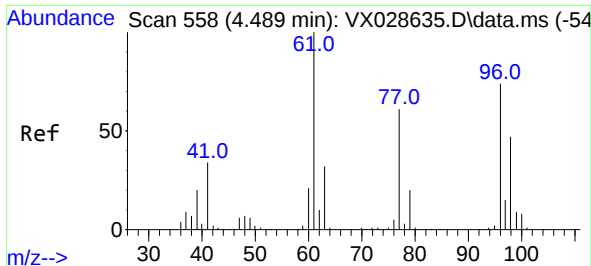
Tgt Ion: 59 Resp: 460
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.313 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

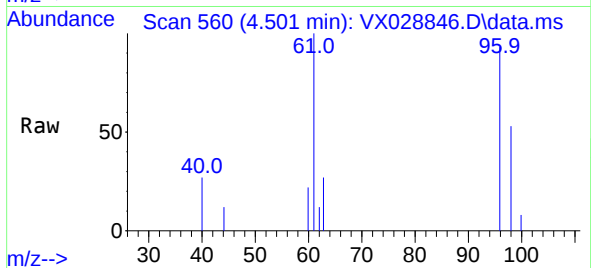
Tgt Ion: 43 Resp: 4725
Ion Ratio Lower Upper
43 100
58 27.5 28.8 43.2#





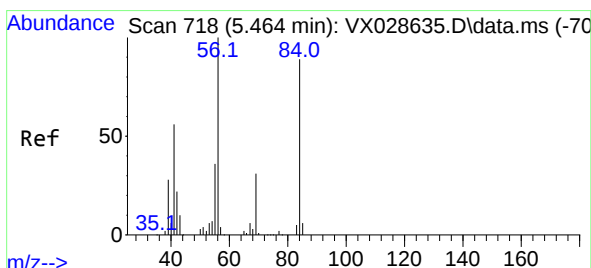
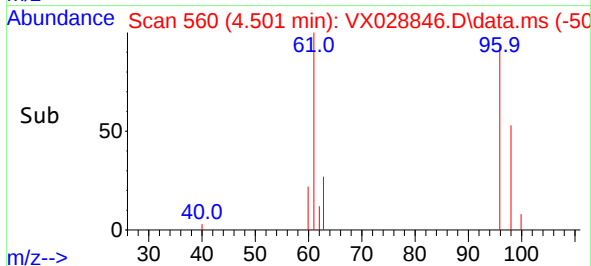
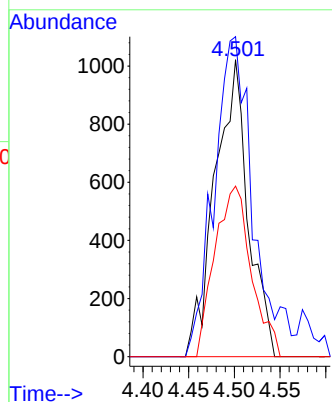
#27
 cis-1,2-Dichloroethene
 Concen: 0.781 ug/l
 RT: 4.501 min Scan# 501
 Delta R.T. 0.012 min
 Lab File: VX028846.D
 Acq: 20 May 2022 12:57

Instrument :
 MSVOA_X
 ClientSampleId :
 12BR-20220518



Tgt Ion: 96 Resp: 2578

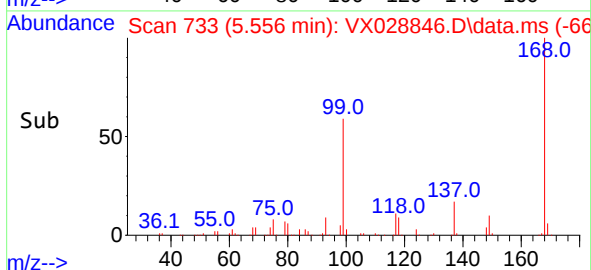
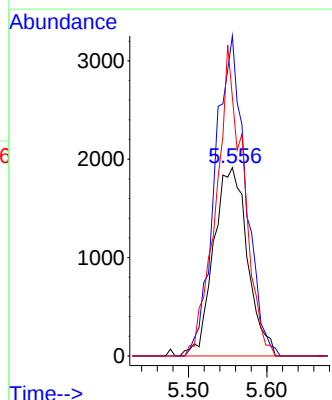
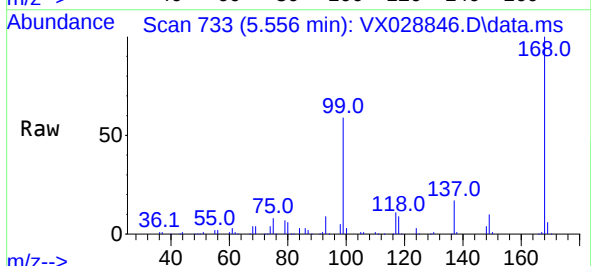
Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	283.8
98	63.2	0.0	129.8

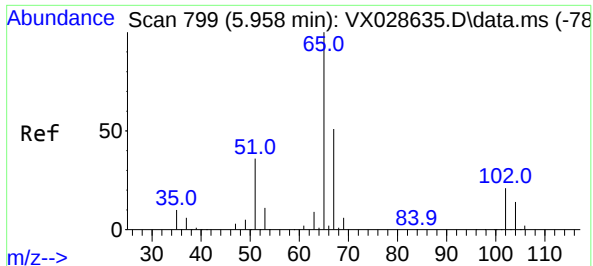


#31
 Cyclohexane
 Concen: 1.246 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.092 min
 Lab File: VX028846.D
 Acq: 20 May 2022 12:57

Tgt Ion: 56 Resp: 5748

Ion	Ratio	Lower	Upper
56	100		
69	170.0	26.7	40.1#
84	137.5	77.2	115.8#

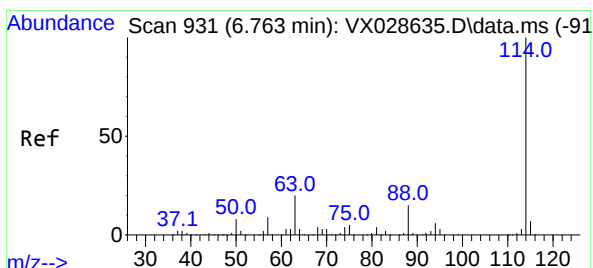
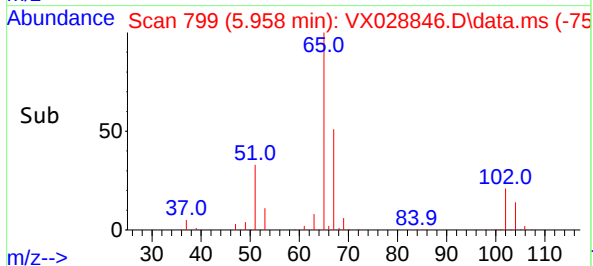
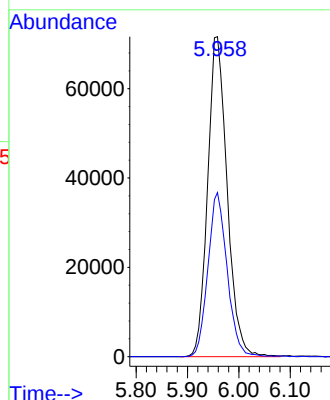
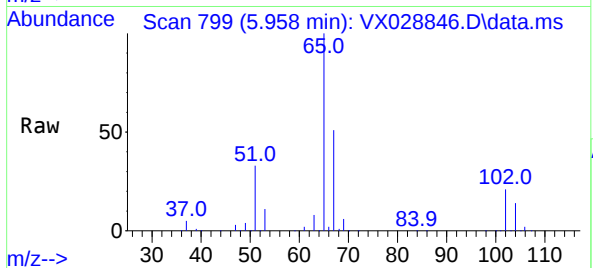




#33
 1,2-Dichloroethane-d4
 Concen: 56.851 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028846.D
 Acq: 20 May 2022 12:57

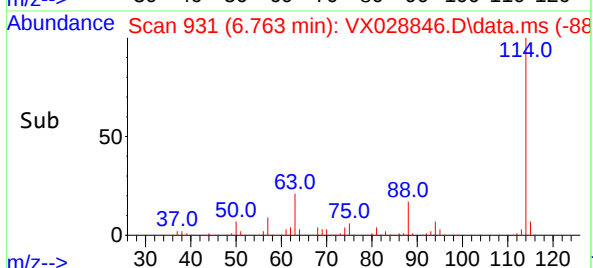
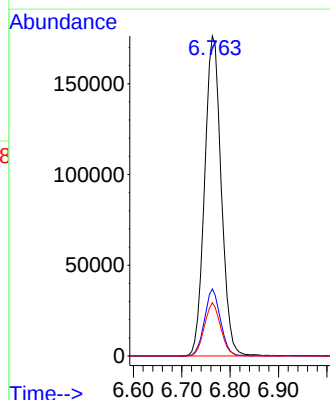
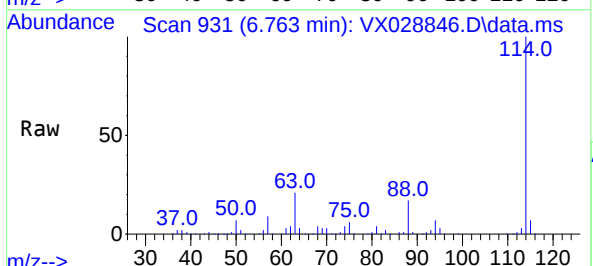
Instrument :
 MSVOA_X
 ClientSampleId :
 12BR-20220518

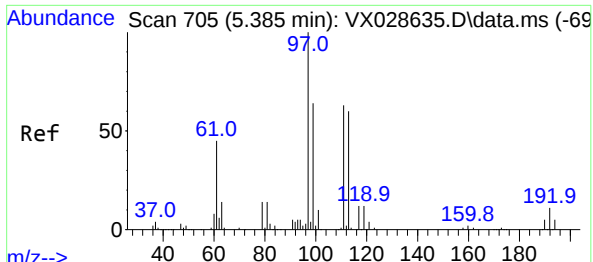
Tgt Ion: 65 Resp: 188918
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX028846.D
 Acq: 20 May 2022 12:57

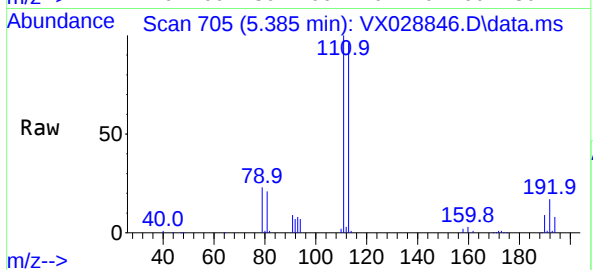
Tgt Ion: 114 Resp: 420710
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 36.8
 88 16.6 0.0 32.4



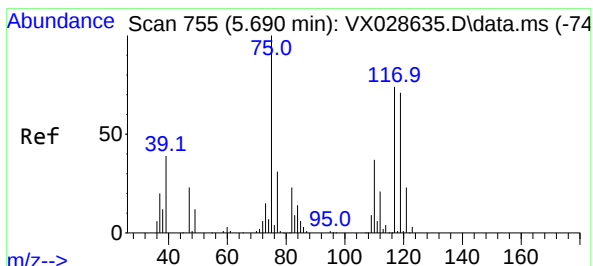
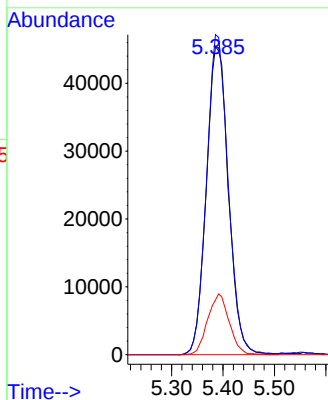
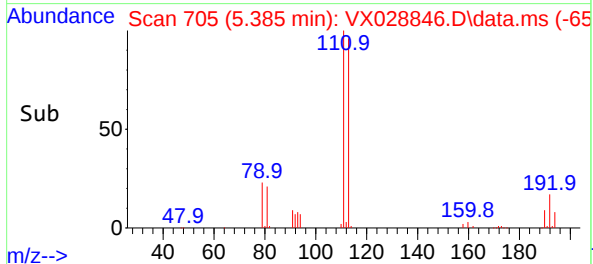


#35
Dibromofluoromethane
Concen: 49.226 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

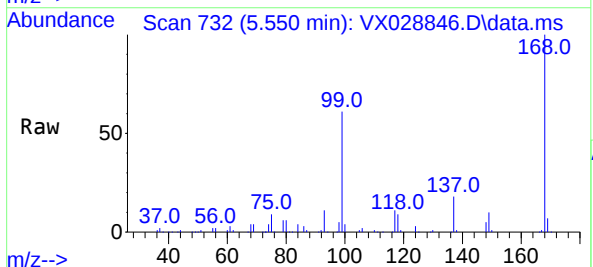
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518



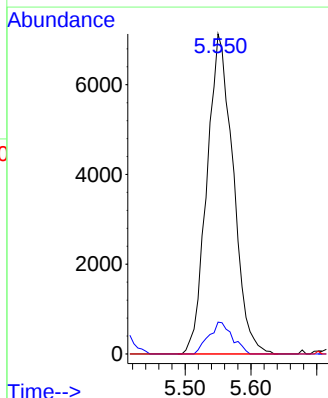
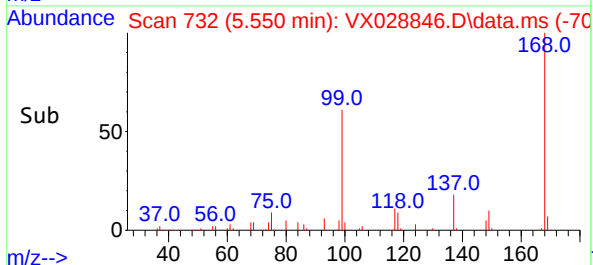
Tgt Ion:113 Resp: 135688
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.2 16.9 25.3

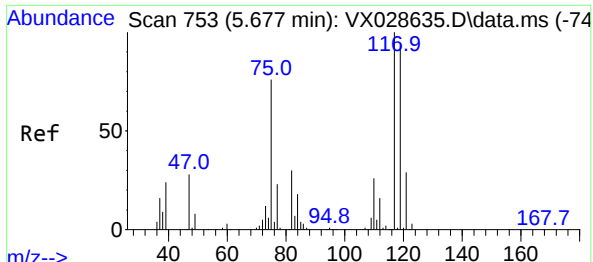


#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57



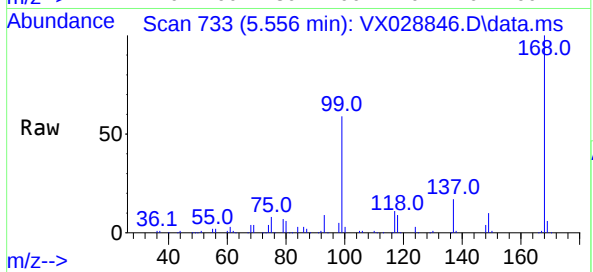
Tgt Ion: 75 Resp: 19779
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 24.8 37.2#



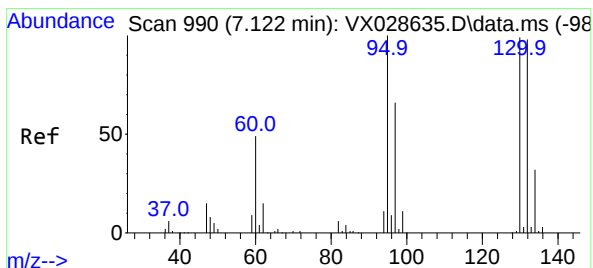
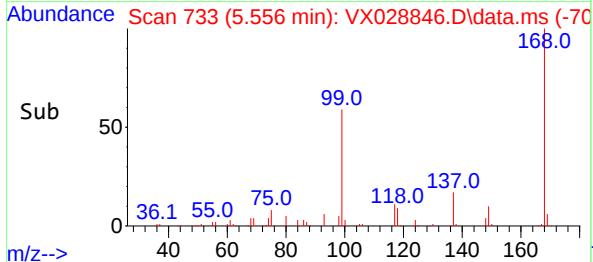
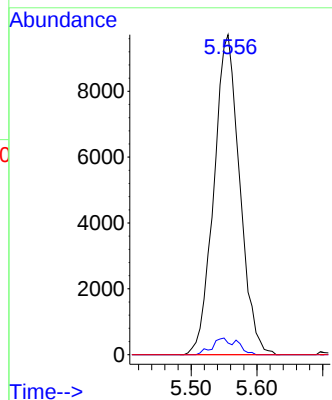


#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

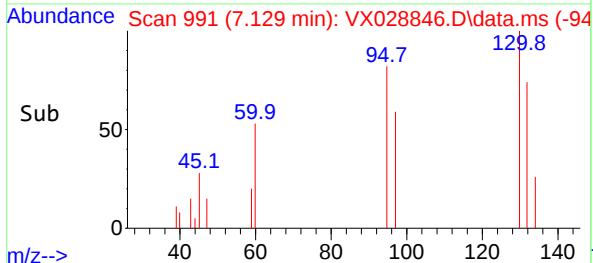
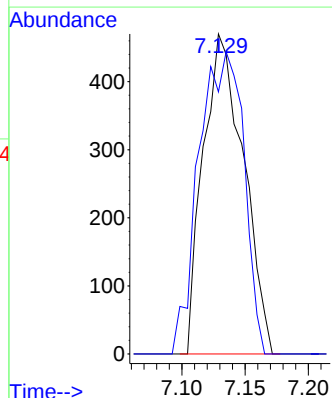
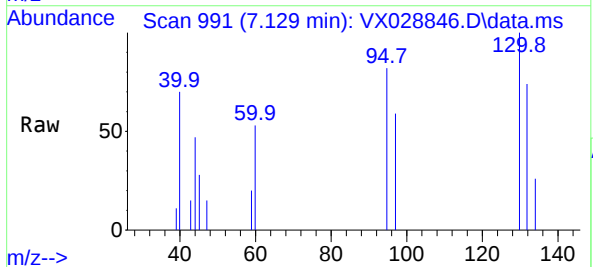


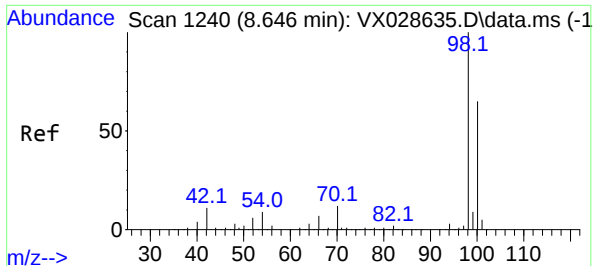
Tgt Ion:117 Resp: 26519
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.322 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

Tgt Ion:130 Resp: 1040
Ion Ratio Lower Upper
130 100
95 81.9 0.0 188.8

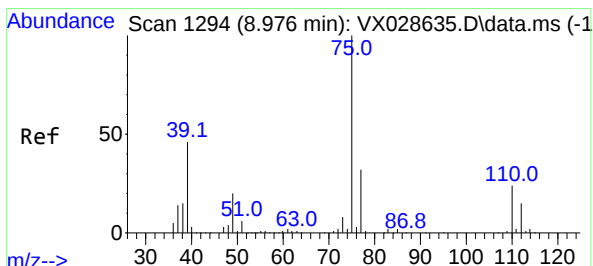
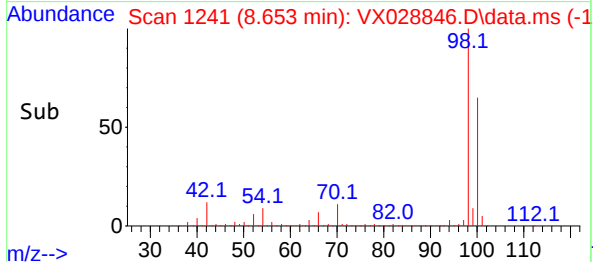
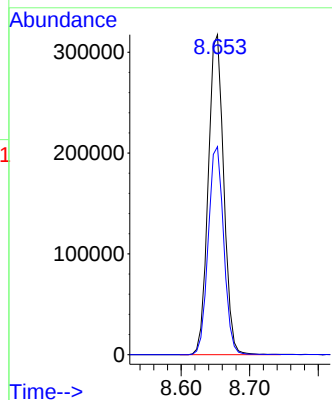
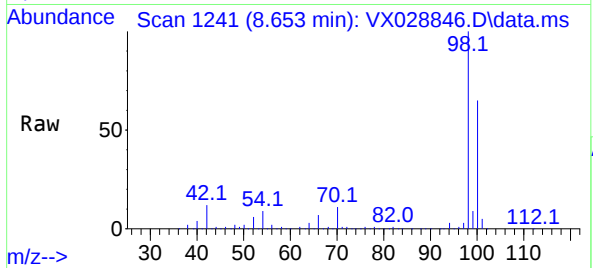




#50
Toluene-d8
Concen: 48.022 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

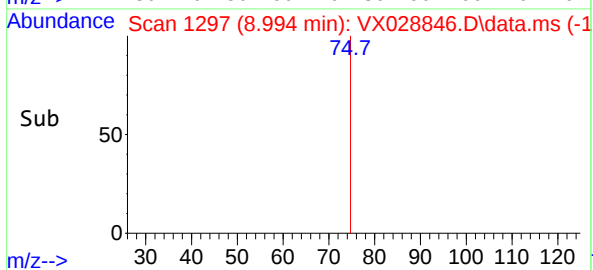
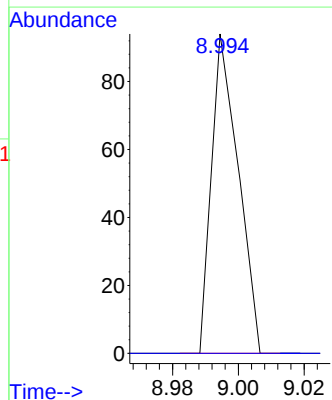
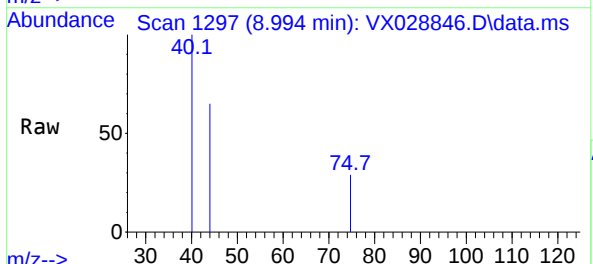
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

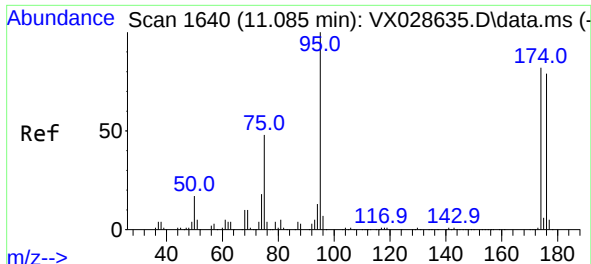
Tgt Ion: 98 Resp: 499056
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.652 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

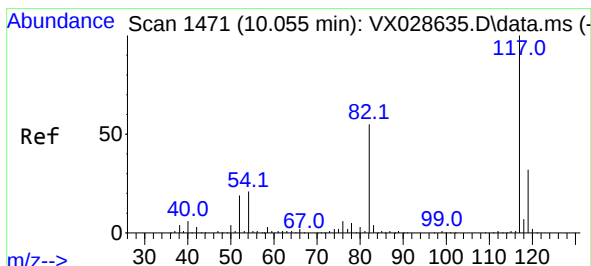
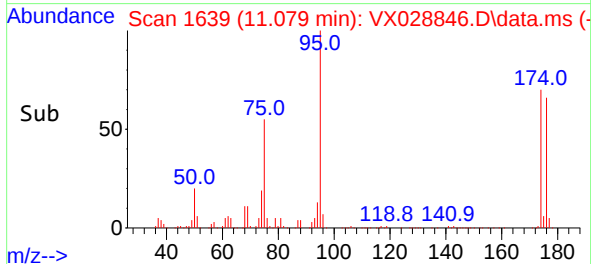
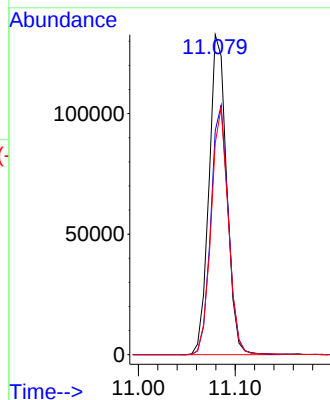
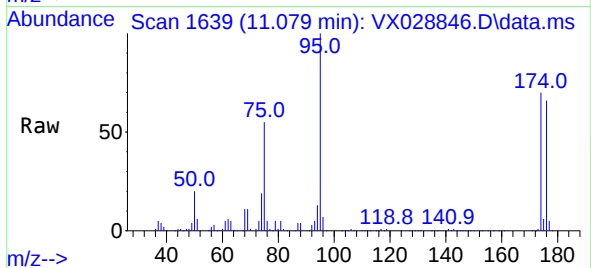




#62
4-Bromofluorobenzene
Concen: 43.336 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

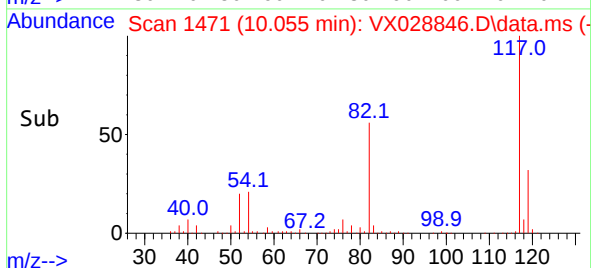
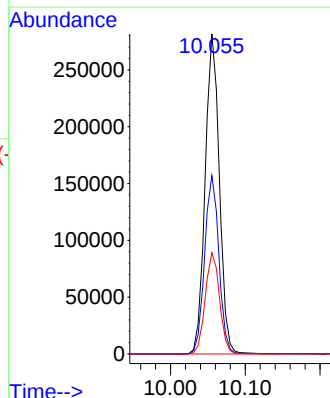
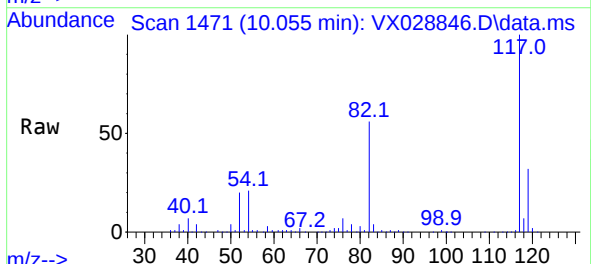
Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

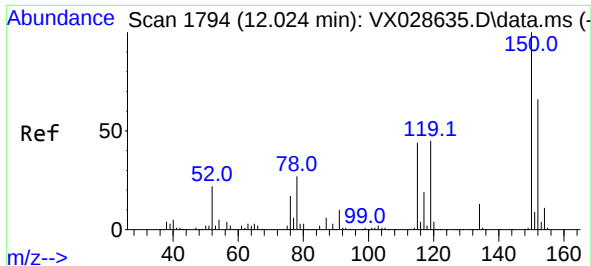
Tgt Ion: 95 Resp: 168214
Ion Ratio Lower Upper
95 100
174 77.6 0.0 163.0
176 75.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

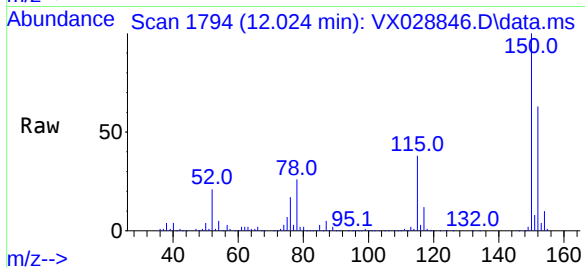
Tgt Ion: 117 Resp: 371562
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 31.6 24.8 37.2



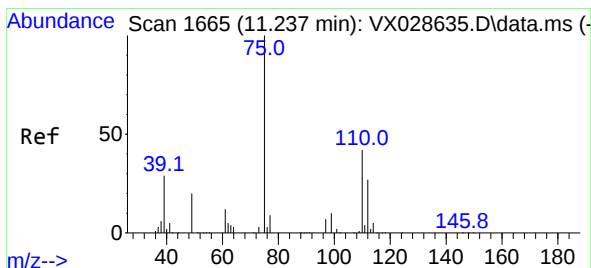
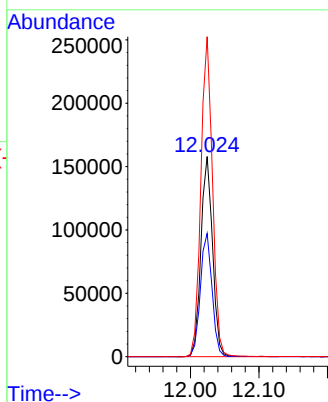
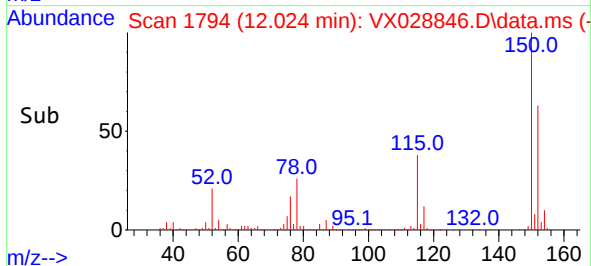


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

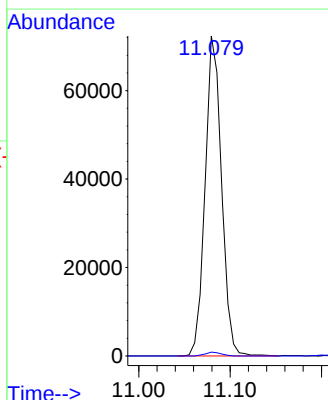
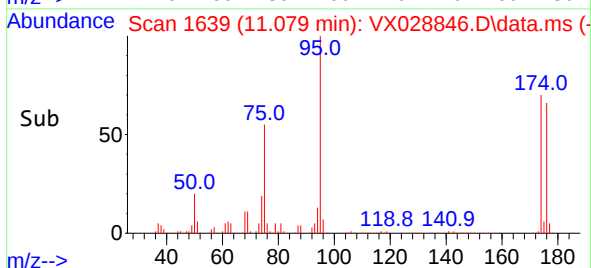
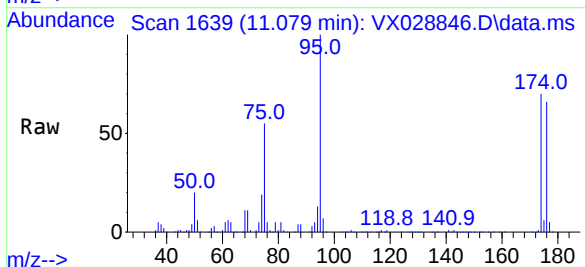


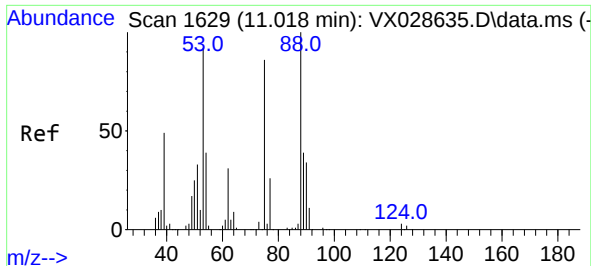
Tgt Ion:152 Resp: 186812
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 159.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 20.617 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

Tgt Ion: 75 Resp: 90198
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

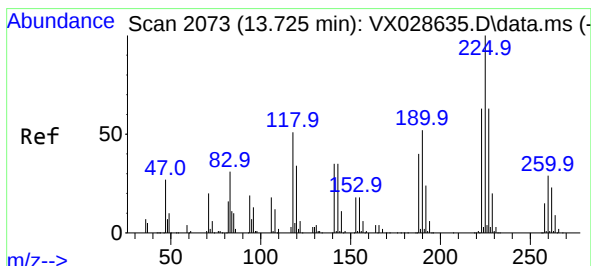
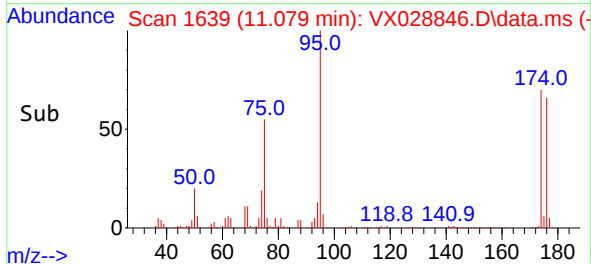
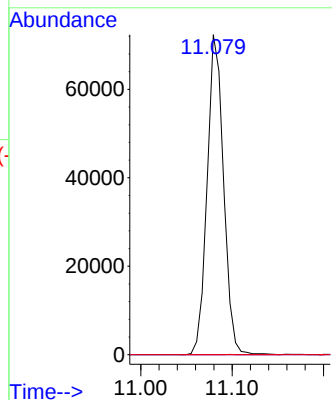
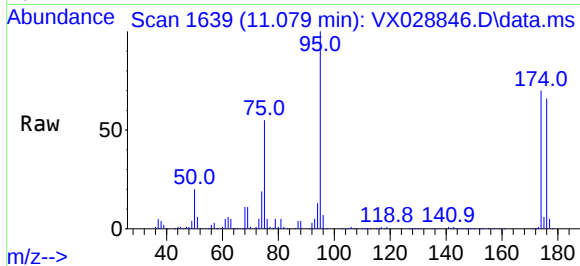




#81
trans-1,4-Dichloro-2-butene
Concen: 60.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
12BR-20220518

Tgt Ion: 75 Resp: 90198
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.339 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028846.D
Acq: 20 May 2022 12:57

Tgt Ion: 225 Resp: 514
Ion Ratio Lower Upper
225 100
223 61.1 34.2 102.5
227 58.0 33.9 101.7

