

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028738.D
 Acq On : 16 May 2022 17:52
 Operator : JC/MD
 Sample : PB144860TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144860TB

Quant Time: May 17 03:39:55 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)

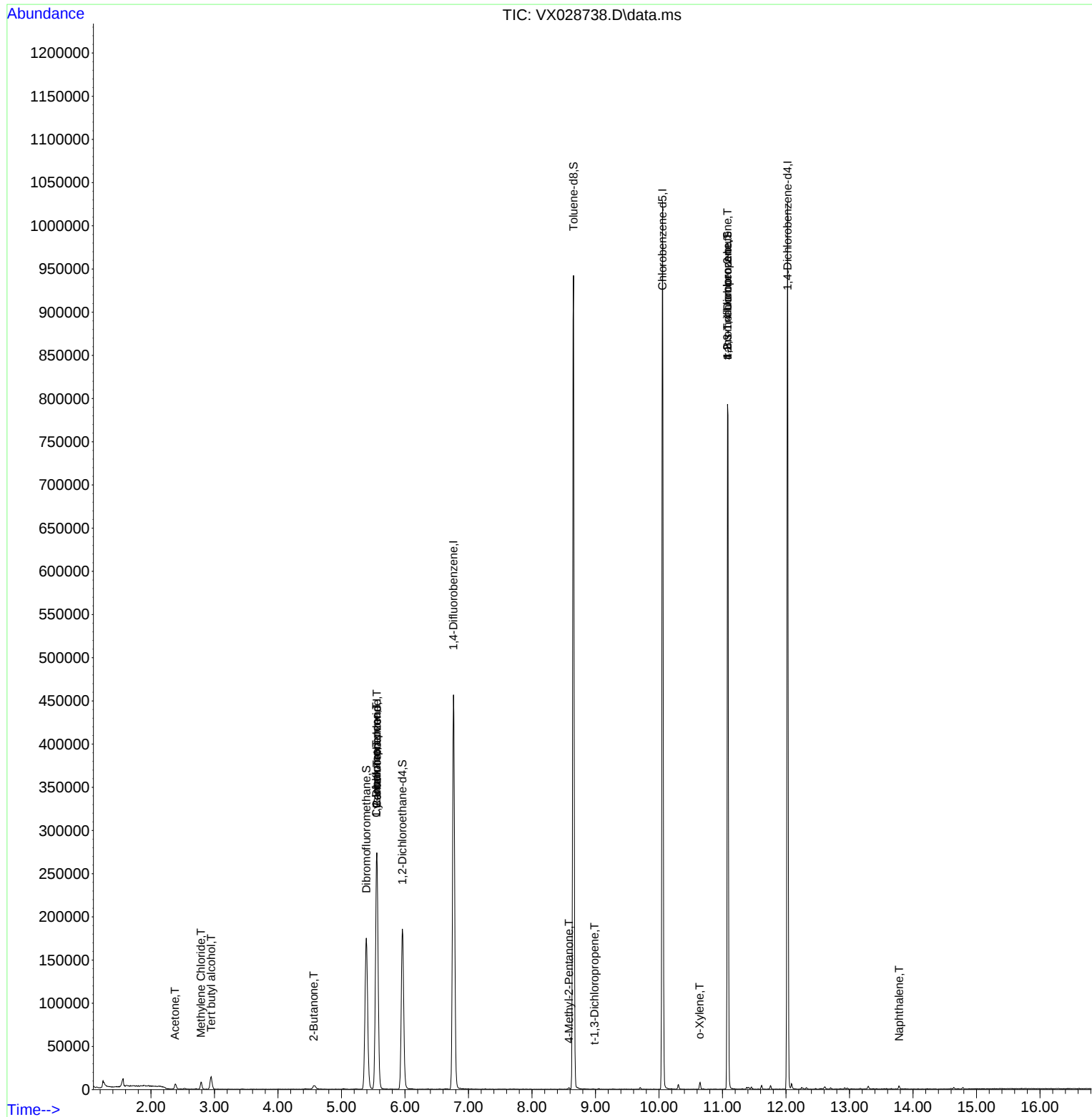
Internal Standards						
1) Pentafluorobenzene	5.556	168	253561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	460852	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178084	51.236	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.480%			
35) Dibromofluoromethane	5.391	113	151718	50.247	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.500%			
50) Toluene-d8	8.653	98	549702	48.288	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.580%			
62) 4-Bromofluorobenzene	11.079	95	206165	48.487	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.980%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	539	Below Cal	#	70
6) Chloroethane	1.648	64	245	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	8204	3.247	ug/l #	74
16) Acetone	2.380	43	4283	2.871	ug/l	99
20) Methylene Chloride	2.788	84	3761	1.202	ug/l	95
25) 2-Butanone	4.562	43	1389	0.593	ug/l #	44
31) Cyclohexane	5.550	56	6049	1.254	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	20849	4.597	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26347	5.773	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	1122	0.230	ug/l #	84
53) t-1,3-Dichloropropene	8.982	75	24	1.645	ug/l #	43
69) o-Xylene	10.640	106	1743	0.275	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	109797	23.532	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	109797	68.638	ug/l #	15
95) Naphthalene	13.780	128	2922	0.206	ug/l	97

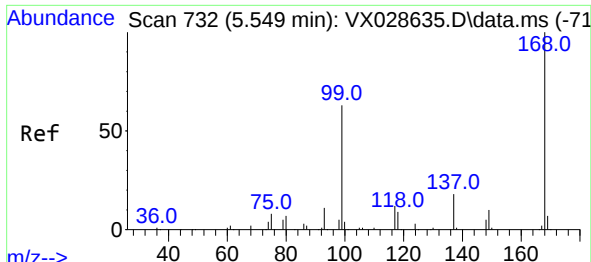
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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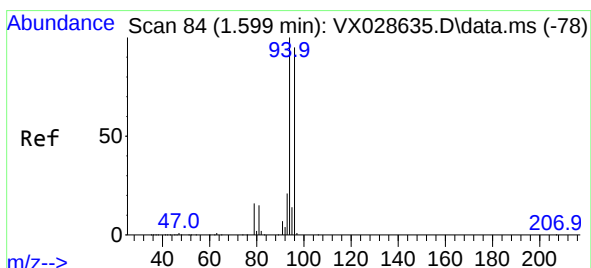
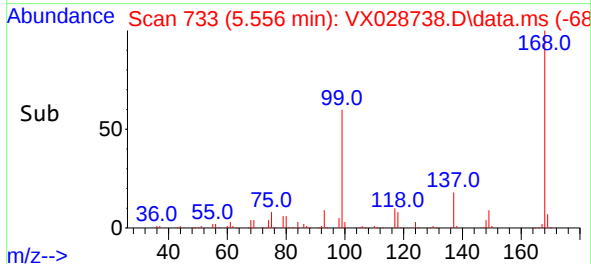
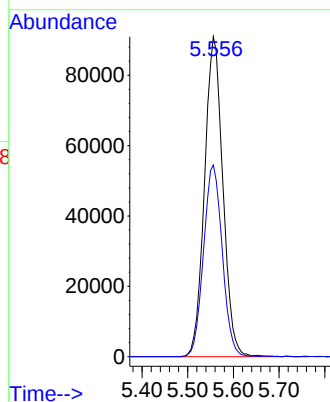
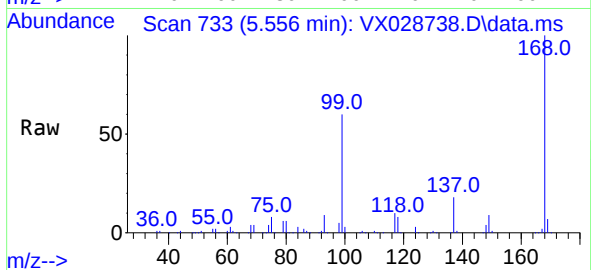




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

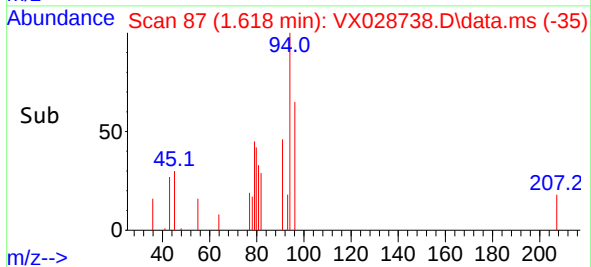
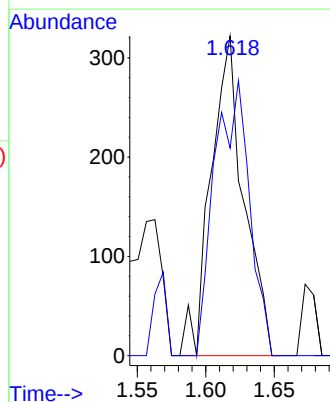
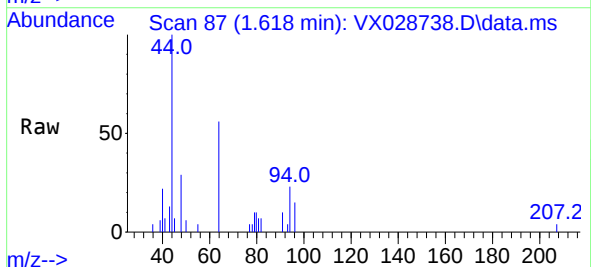
Instrument :
MSVOA_X
ClientSampleId :
PB144860TB

Tgt Ion:168 Resp: 253561
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5

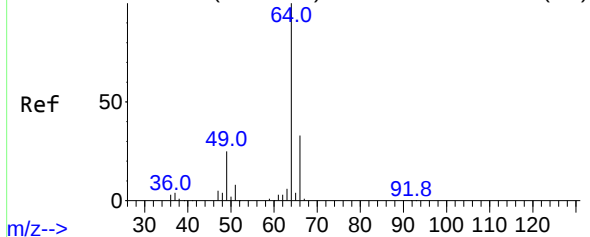


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Tgt Ion: 94 Resp: 539
Ion Ratio Lower Upper
94 100
96 64.9 75.3 112.9#



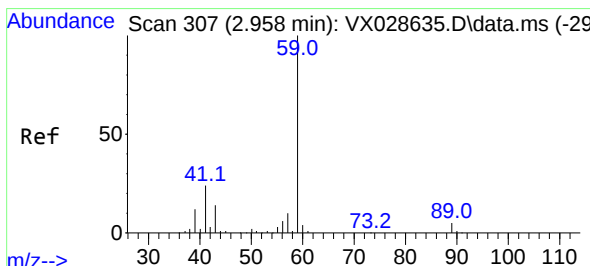
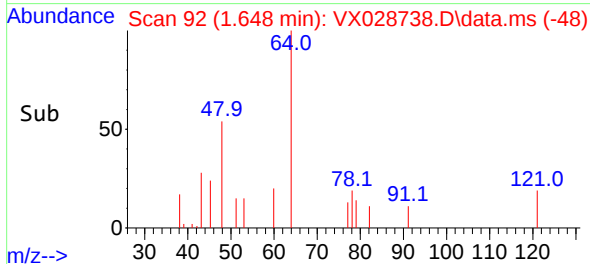
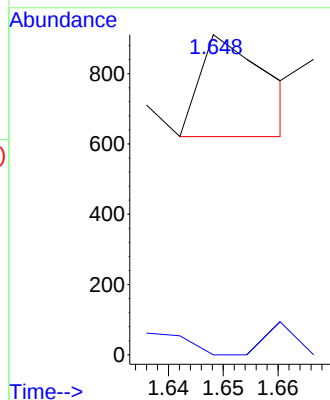
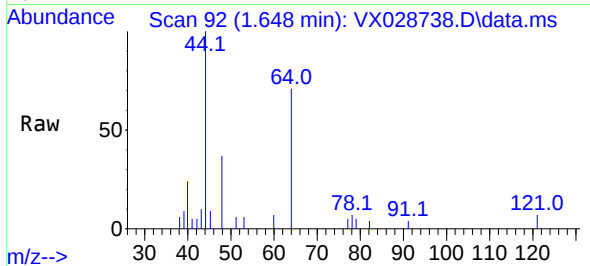
Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.030 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

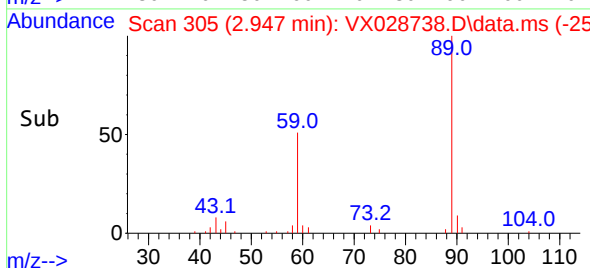
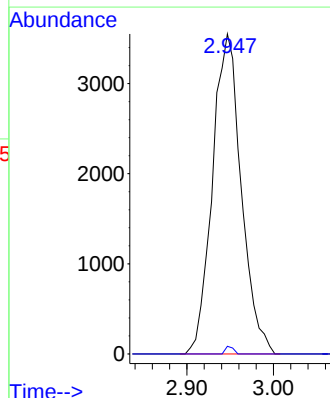
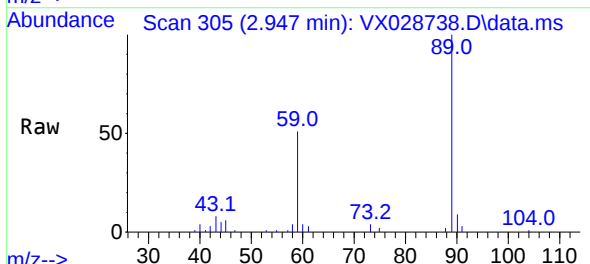
Instrument :
MSVOA_X
ClientSampleId :
PB144860TB

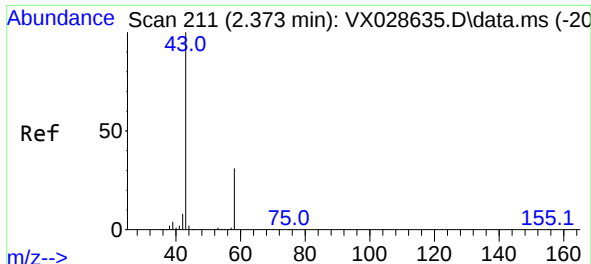
Tgt Ion: 64 Resp: 245
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 3.247 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Tgt Ion: 59 Resp: 8204
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#

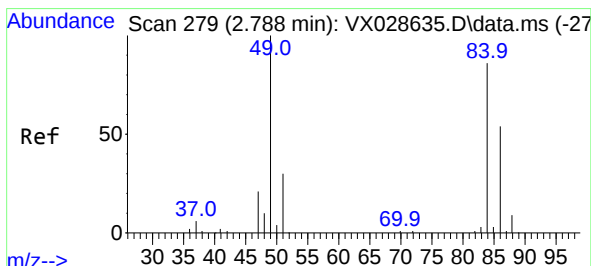
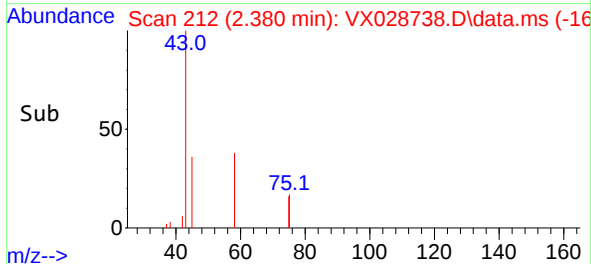
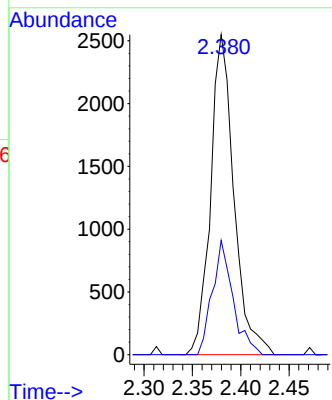
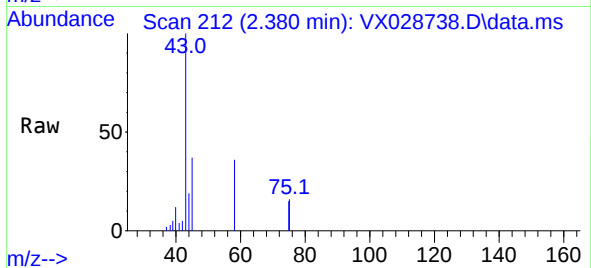




#16
Acetone
Concen: 2.871 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

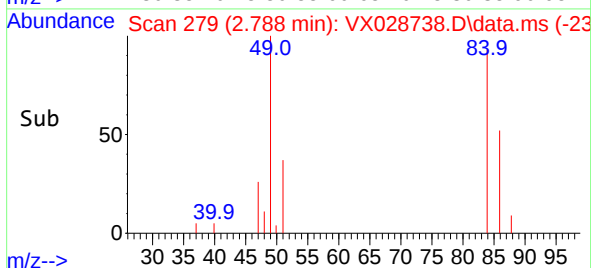
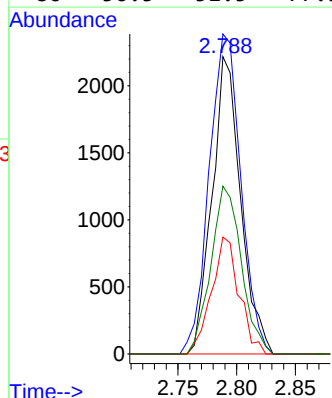
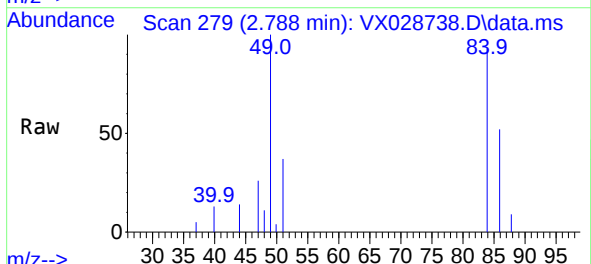
Instrument :
MSVOA_X
ClientSampleId :
PB144860TB

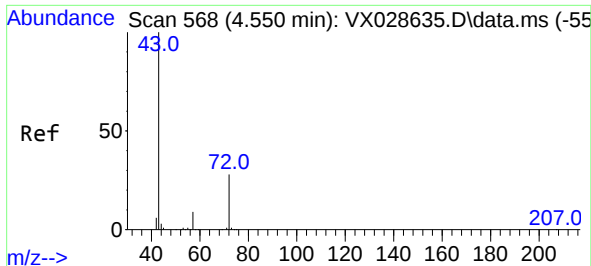
Tgt Ion: 43 Resp: 4283
Ion Ratio Lower Upper
43 100
58 35.7 28.8 43.2



#20
Methylene Chloride
Concen: 1.202 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Tgt Ion: 84 Resp: 3761
Ion Ratio Lower Upper
84 100
49 107.7 85.5 128.3
51 39.3 26.6 39.8
86 56.5 51.5 77.3

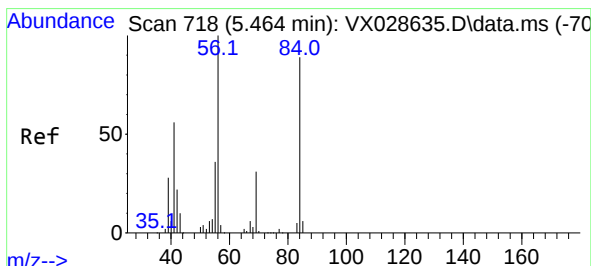
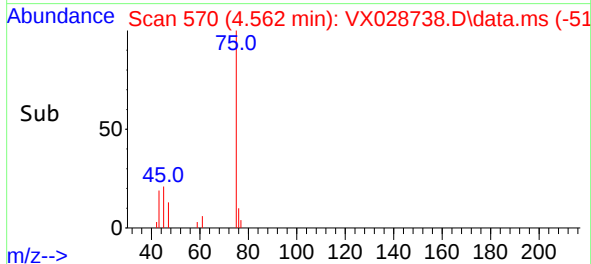
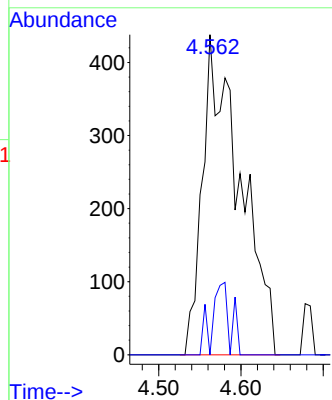
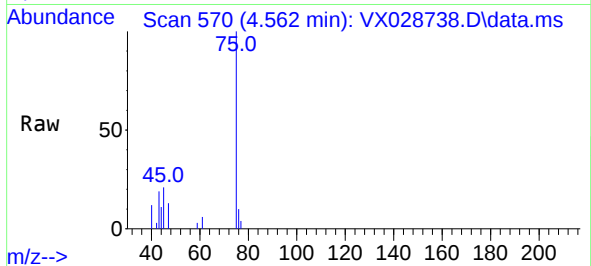




#25
2-Butanone
Concen: 0.593 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

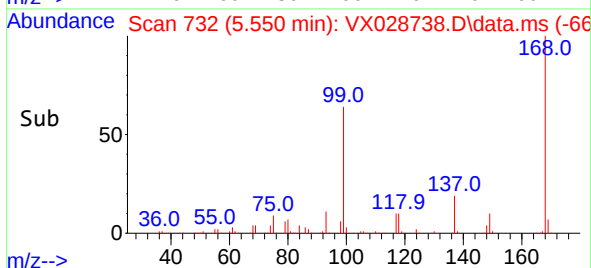
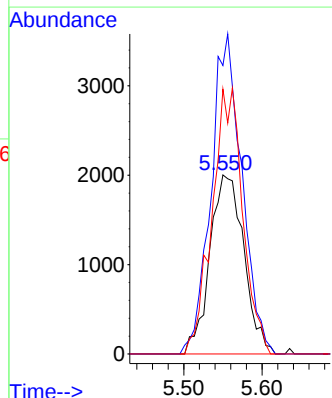
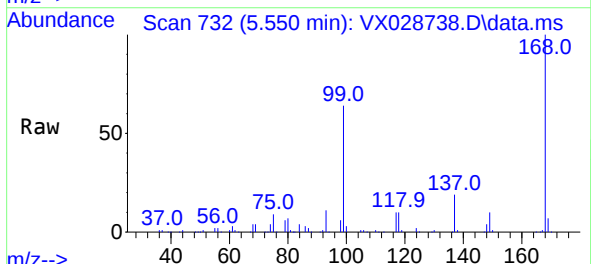
Instrument :
MSVOA_X
ClientSampleId :
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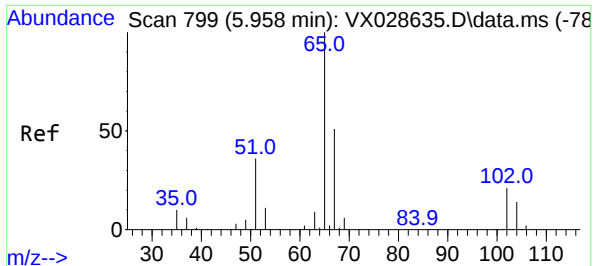
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Tgt Ion: 56 Resp: 6049
Ion Ratio Lower Upper
56 100
69 161.1 26.7 40.1#
84 147.9 77.2 115.8#

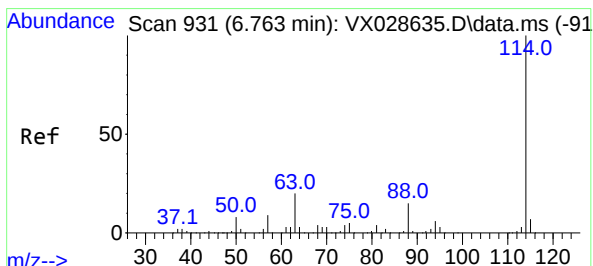
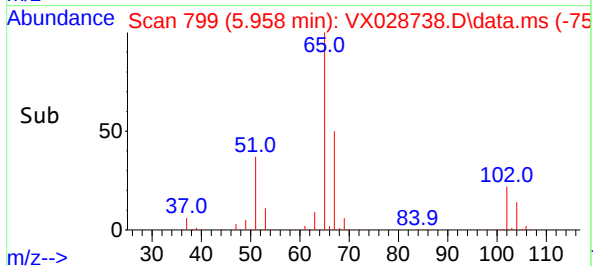
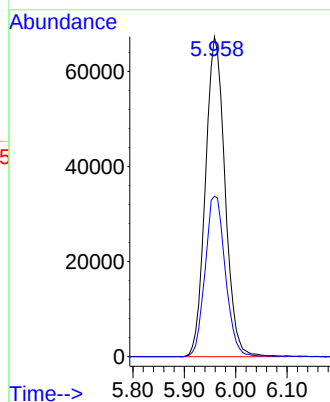
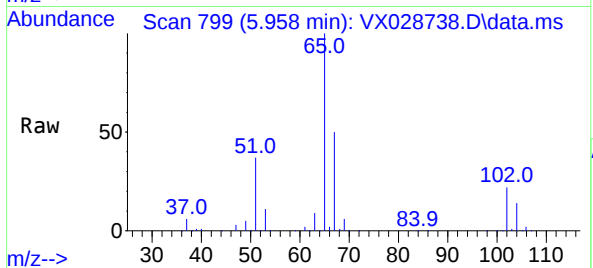




#33
1,2-Dichloroethane-d4
Concen: 51.236 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

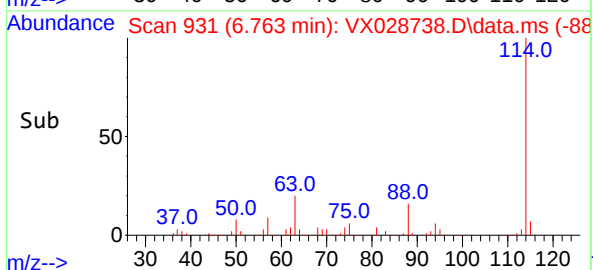
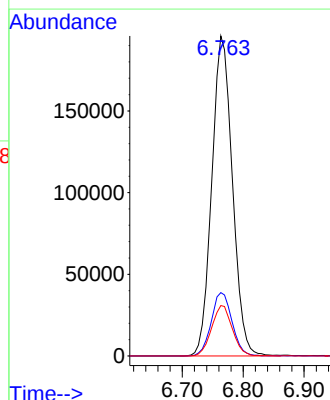
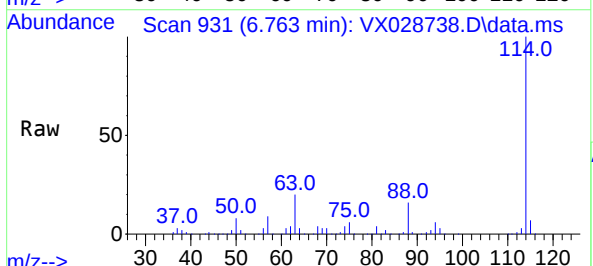
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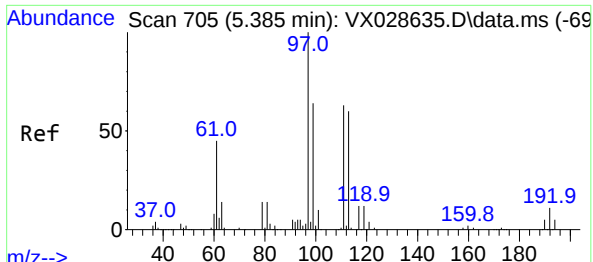
Tgt Ion: 65 Resp: 178084
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

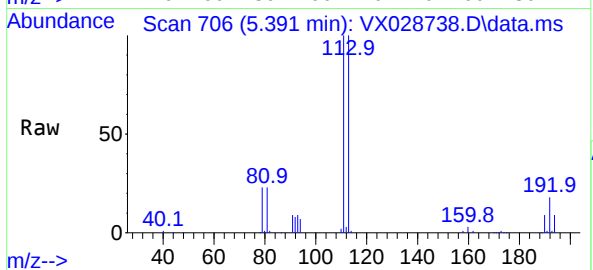
Tgt Ion: 114 Resp: 460852
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 15.8 0.0 32.4



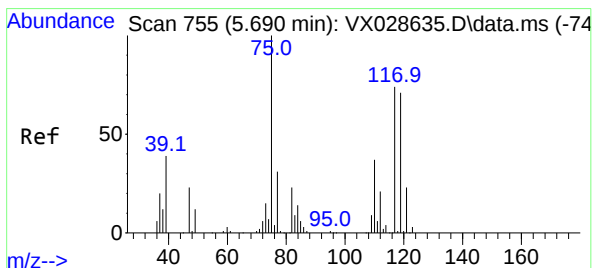
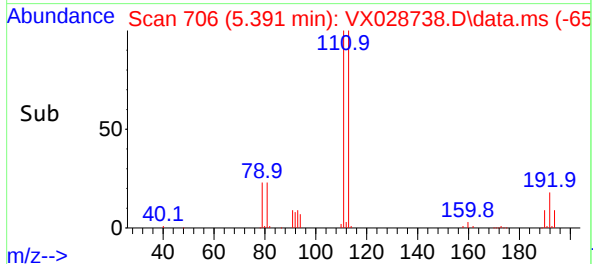
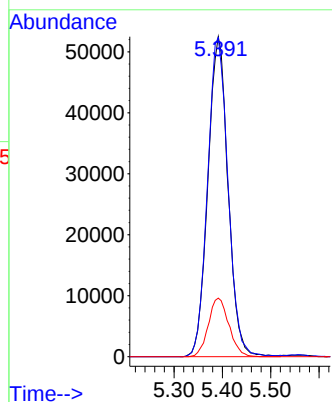


#35
Dibromofluoromethane
Concen: 50.247 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Instrument :
MSVOA_X
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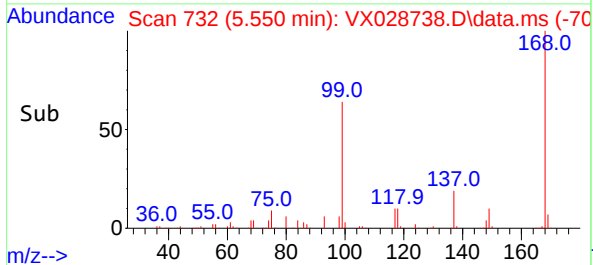
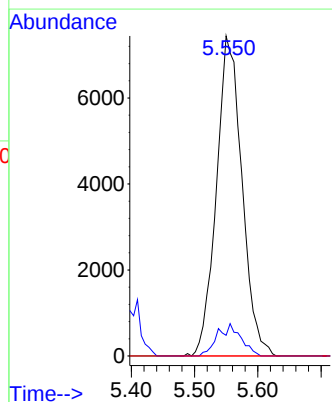
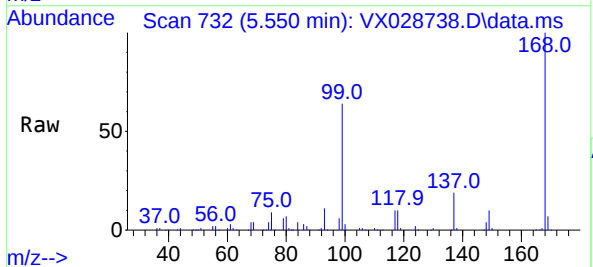


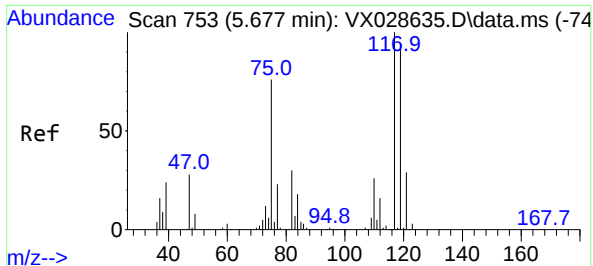
Tgt Ion:113 Resp: 151718
Ion Ratio Lower Upper
113 100
111 101.2 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Tgt Ion: 75 Resp: 20849
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#

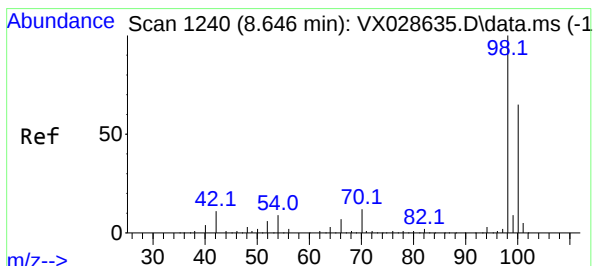
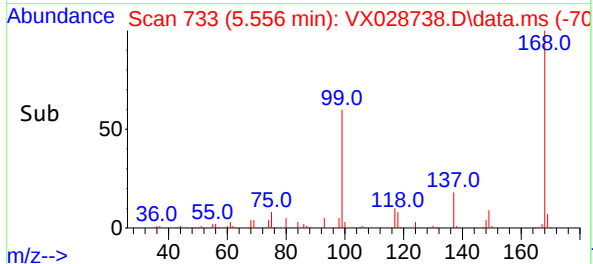
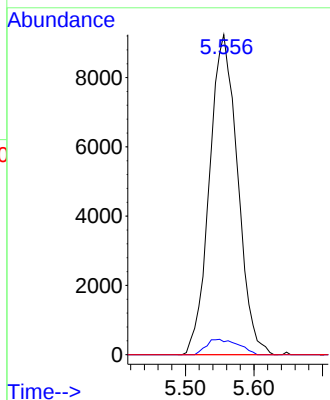
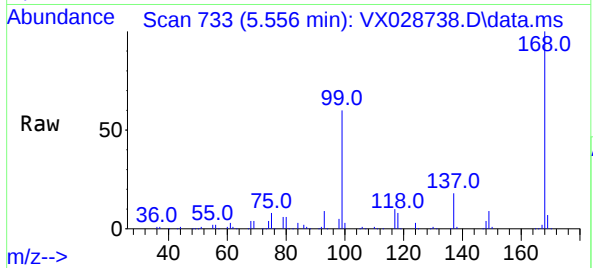




#38
Carbon Tetrachloride
Concen: 5.773 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

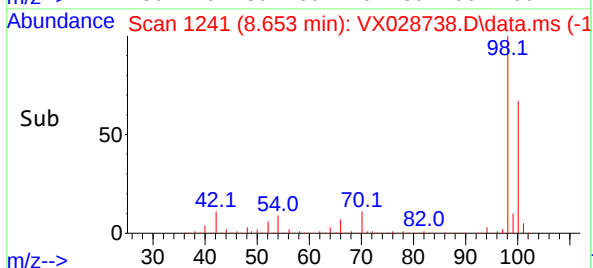
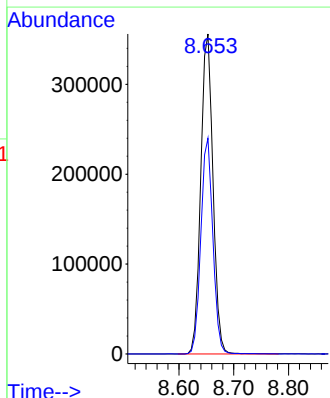
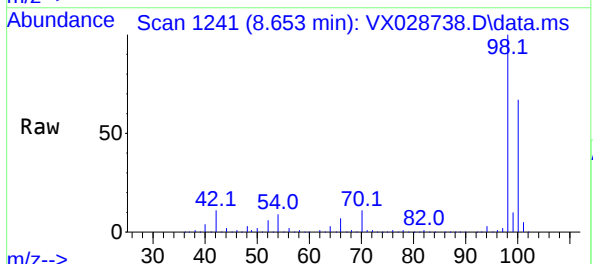
Instrument :
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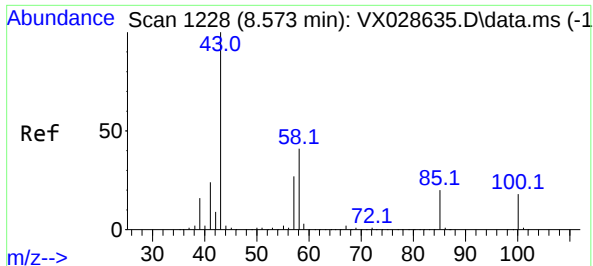
Tgt Ion:117 Resp: 26347
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.288 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Tgt Ion: 98 Resp: 549702
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

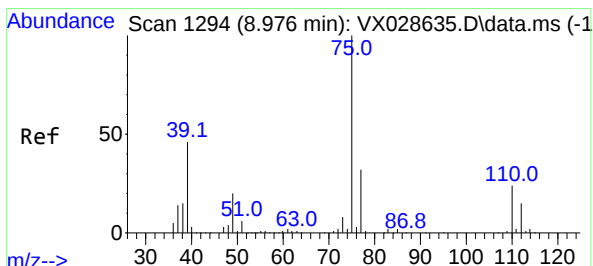
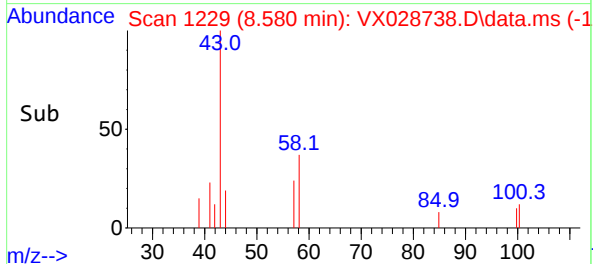
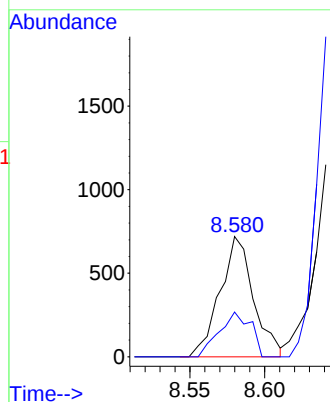
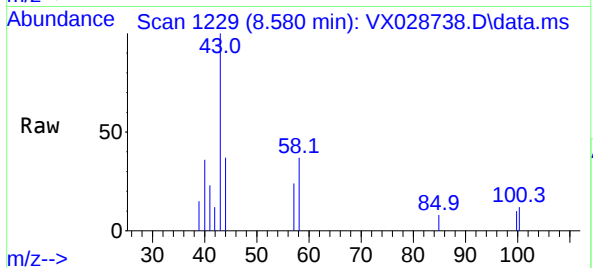




#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 8.580 min Scan# 1122
Delta R.T. 0.007 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

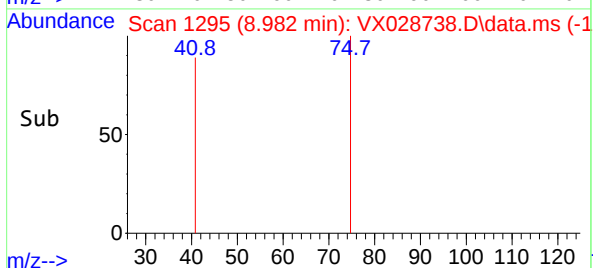
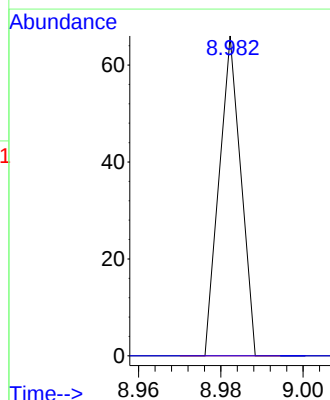
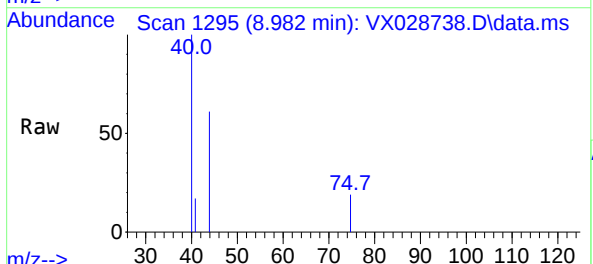
Instrument :
MSVOA_X
ClientSampleId :
PB144860TB

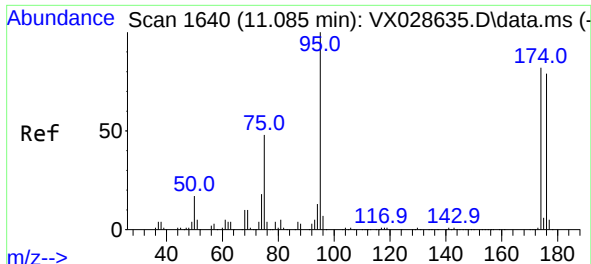
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 34.8 36.1 54.1#



#53
t-1,3-Dichloropropene
Concen: 1.645 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

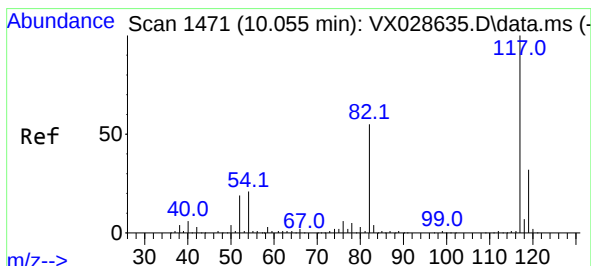
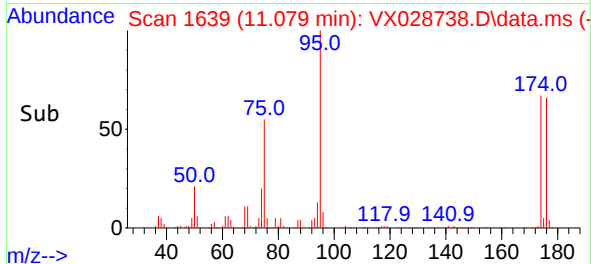
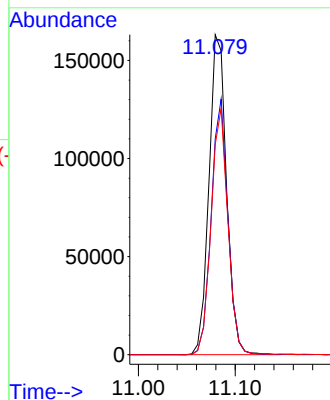
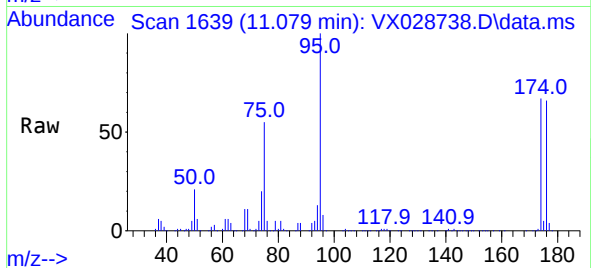




#62
4-Bromofluorobenzene
Concen: 48.487 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

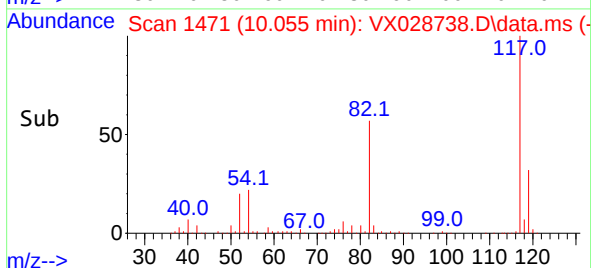
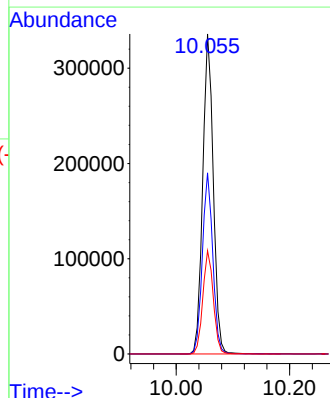
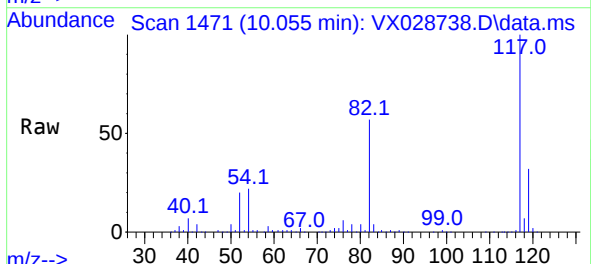
Instrument :
MSVOA_X
ClientSampleId :
PB144860TB

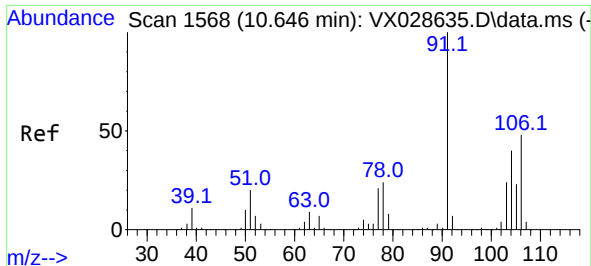
Tgt Ion: 95 Resp: 206165
Ion Ratio Lower Upper
95 100
174 75.8 0.0 163.0
176 73.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Tgt Ion: 117 Resp: 434760
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.3 24.8 37.2

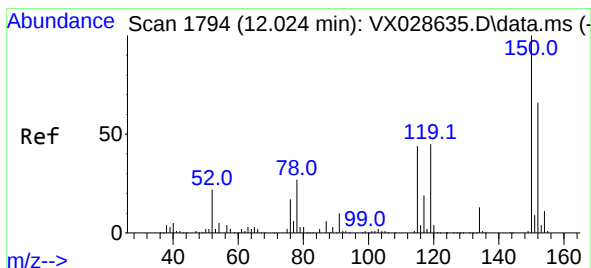
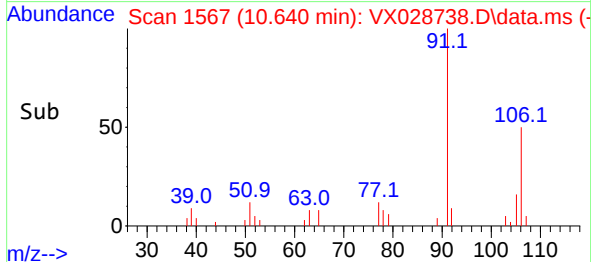
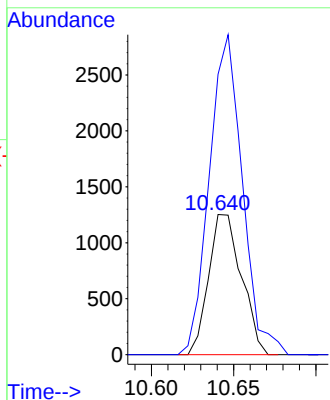
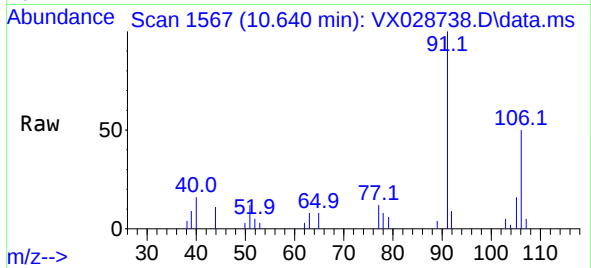




#69
o-Xylene
Concen: 0.275 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

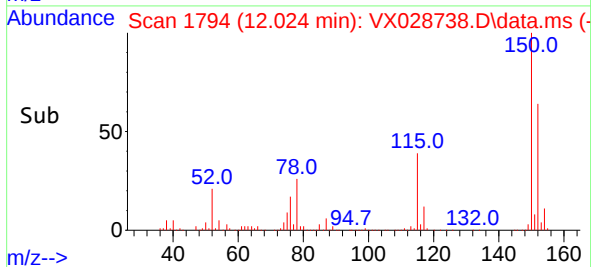
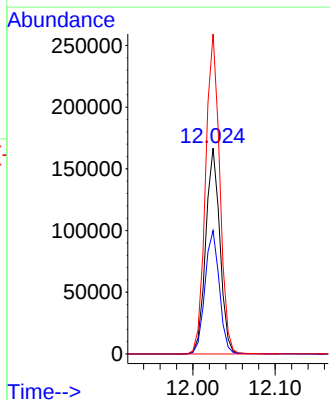
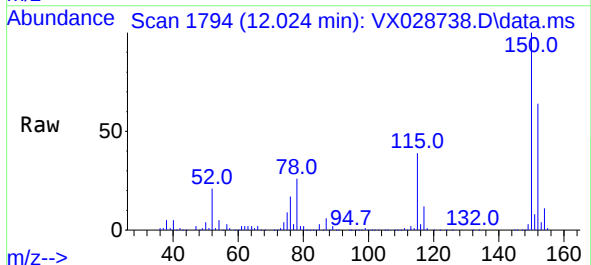
Instrument :
MSVOA_X
ClientSampleId :
PB144860TB

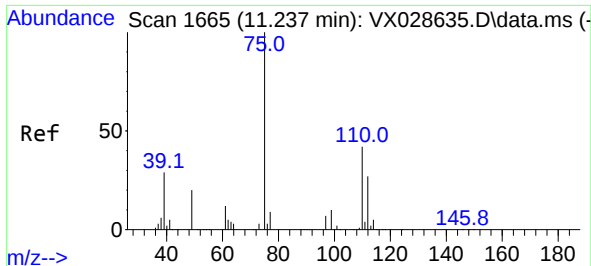
Tgt Ion:106 Resp: 1743
Ion Ratio Lower Upper
106 100
91 229.6 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Tgt Ion:152 Resp: 199234
Ion Ratio Lower Upper
152 100
115 60.8 37.5 112.7
150 156.0 0.0 338.2

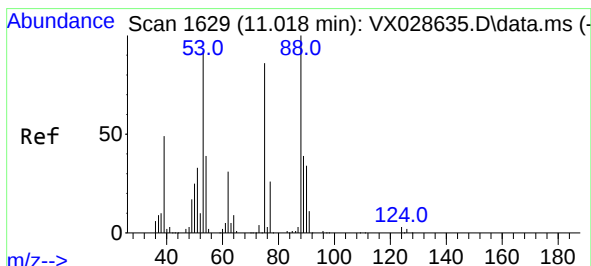
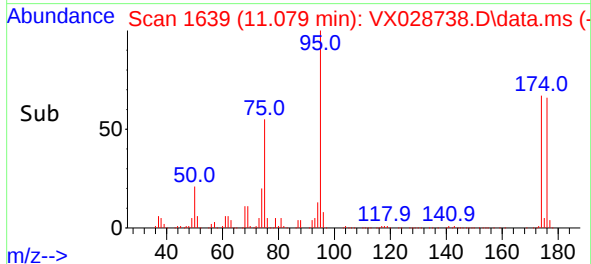
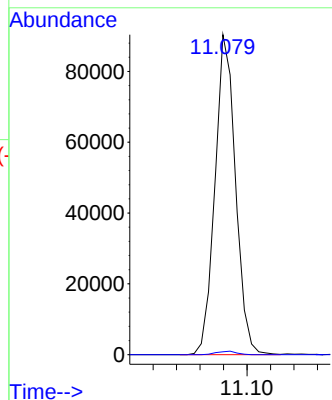
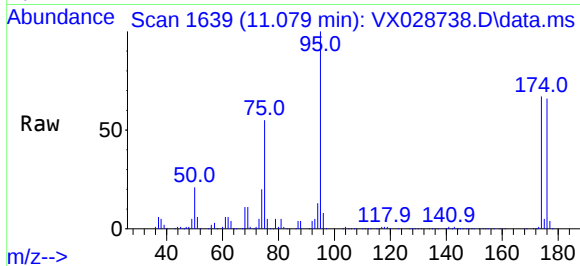




#76
1,2,3-Trichloropropane
Concen: 23.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

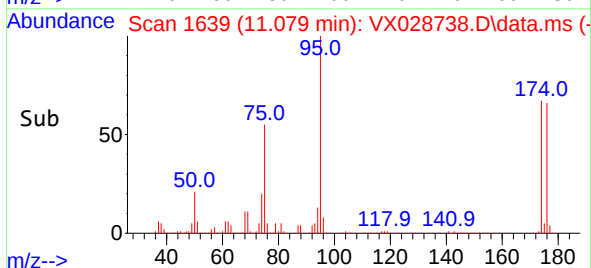
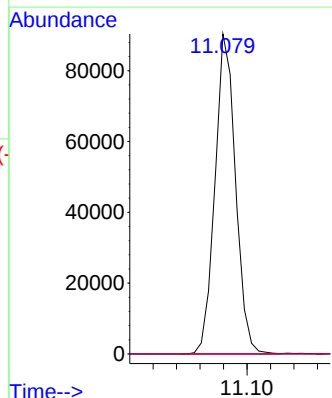
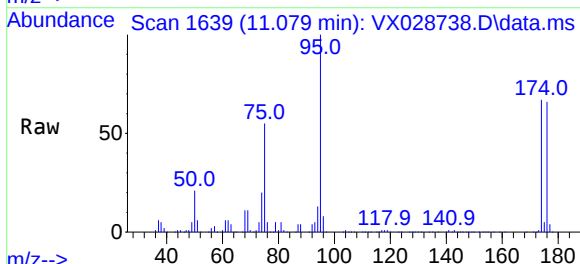
Instrument :
MSVOA_X
ClientSampleId :
PB144860TB

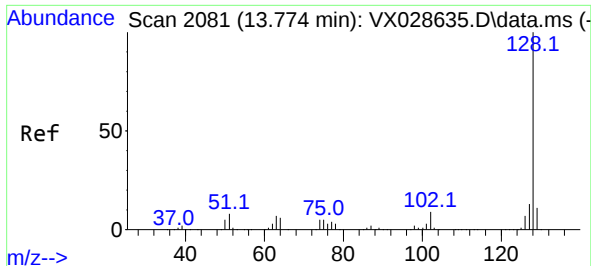
Tgt Ion: 75 Resp: 109797
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.638 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

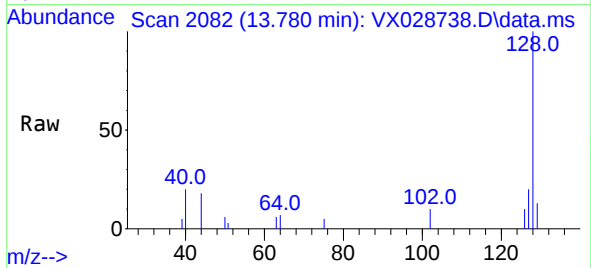
Tgt Ion: 75 Resp: 109797
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 0.206 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028738.D
Acq: 16 May 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
PB144860TB



Tgt Ion:	128	Resp:	2922
Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.2	15.4
129	10.3	8.7	13.1

