

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028755.D
 Acq On : 17 May 2022 14:12
 Operator : JC/MD
 Sample : N2862-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7RE

Quant Time: May 18 04:49:11 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)

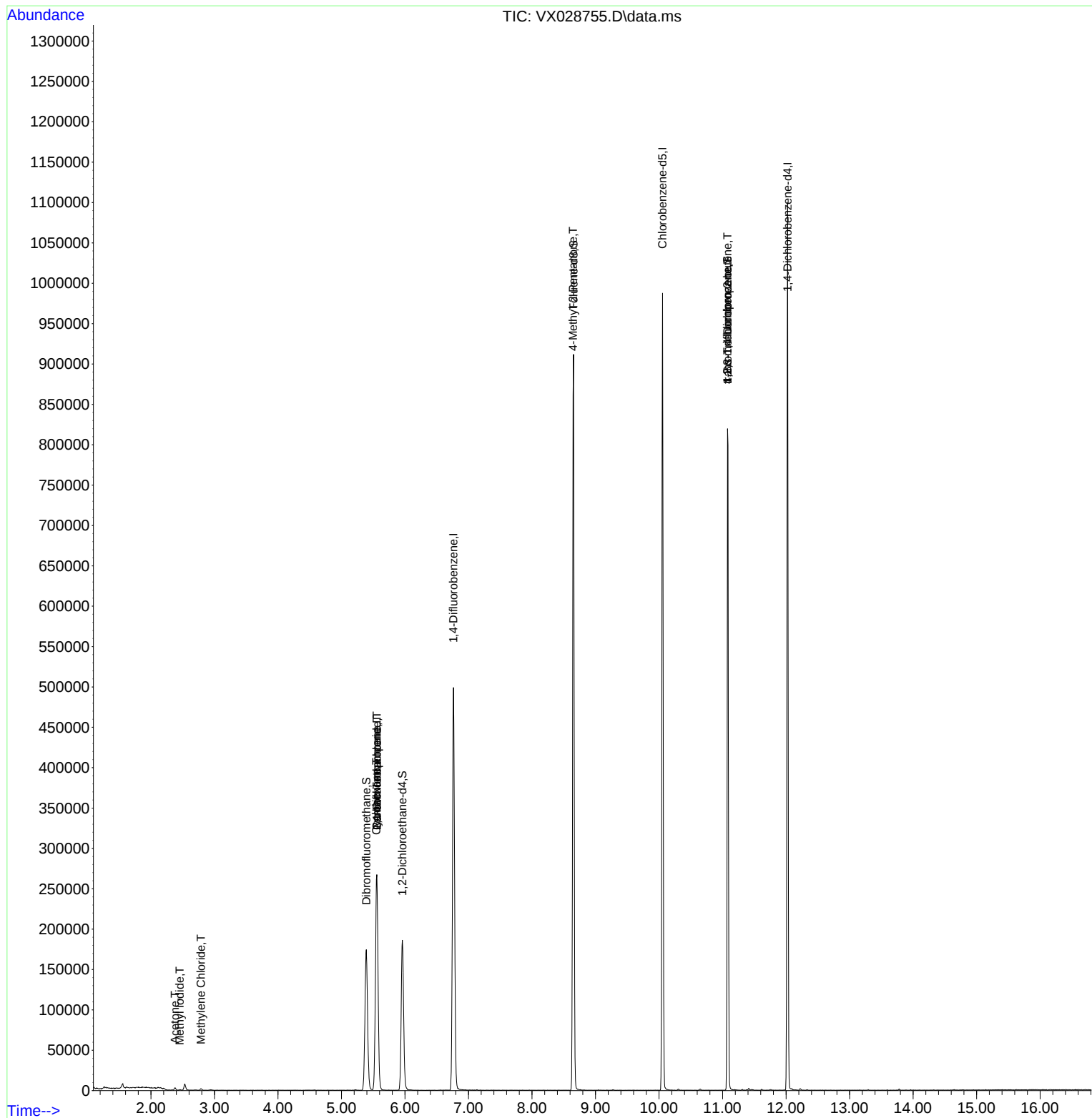
Internal Standards						
1) Pentafluorobenzene	5.556	168	245123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	496867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	428015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174976	52.075	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.160%			
35) Dibromofluoromethane	5.391	113	149671	45.976	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 91.960%			
50) Toluene-d8	8.653	98	538904	43.908	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 87.820%			
62) 4-Bromofluorobenzene	11.079	95	216762	47.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.560%			
Target Compounds						
5) Bromomethane	1.617	94	549	Below Cal		86
6) Chloroethane	1.672	64	630	Below Cal		93
10) Methyl Iodide	2.453	142	702	0.215 ug/l #		85
11) Tert butyl alcohol	2.940	59	364	Below Cal #		72
16) Acetone	2.380	43	3139	2.177 ug/l		91
20) Methylene Chloride	2.788	84	963	0.318 ug/l #		77
31) Cyclohexane	5.550	56	5729	1.228 ug/l #		43
36) 1,1-Dichloropropene	5.556	75	20502	4.193 ug/l #		49
38) Carbon Tetrachloride	5.556	117	26098	5.304 ug/l #		15
51) 4-Methyl-2-Pentanone	8.647	43	2601	0.494 ug/l #		1
76) 1,2,3-Trichloropropane	11.079	75	115418	23.114 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	115418	67.488 ug/l #		15

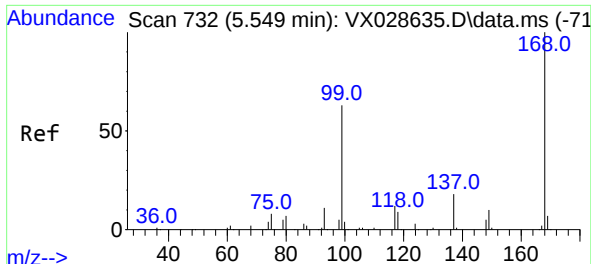
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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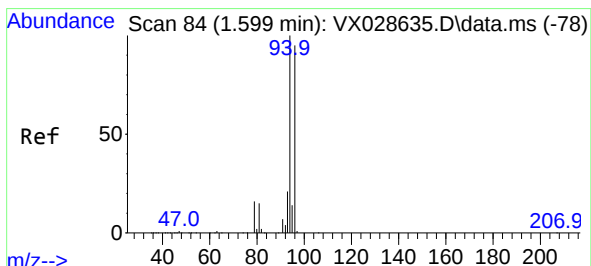
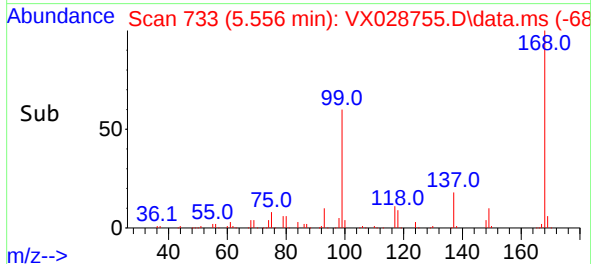
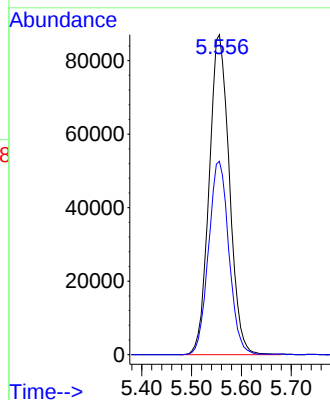
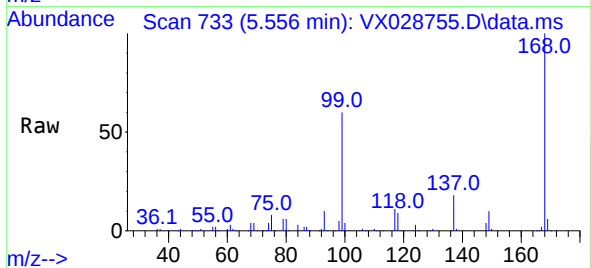




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

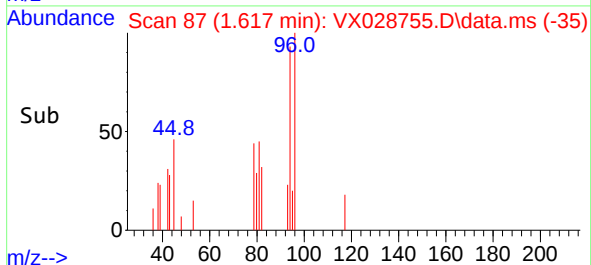
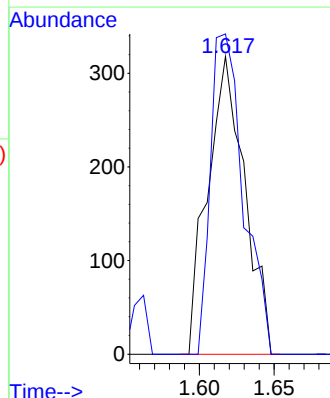
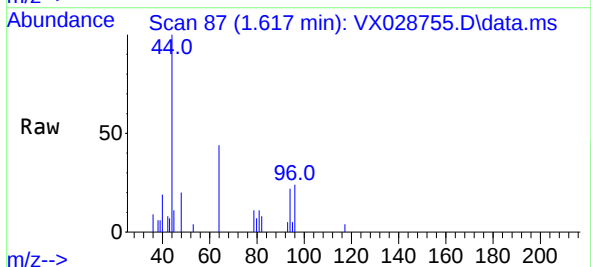
Instrument :
MSVOA_X
ClientSampleId :
MW-7RE

Tgt Ion:168 Resp: 245123
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5

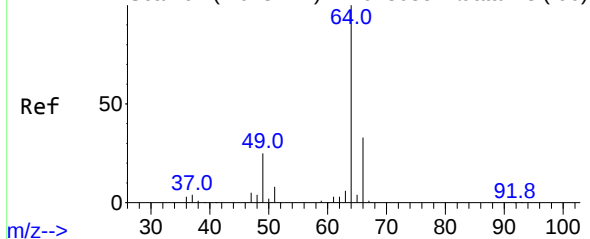


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

Tgt Ion: 94 Resp: 549
Ion Ratio Lower Upper
94 100
96 107.5 75.3 112.9



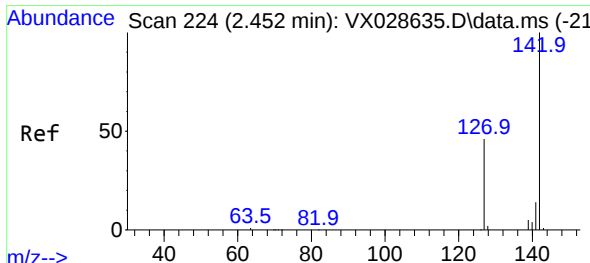
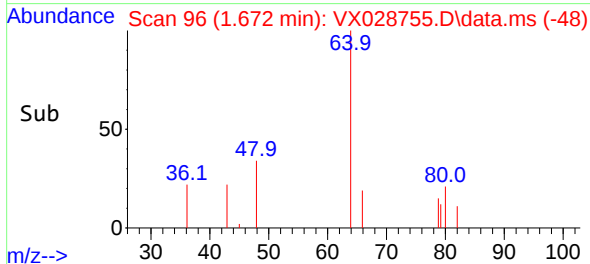
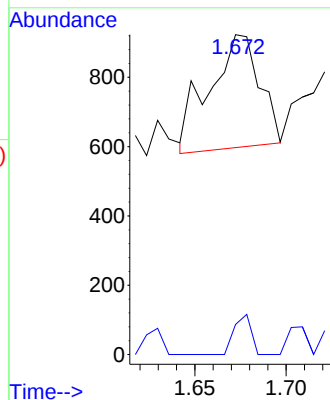
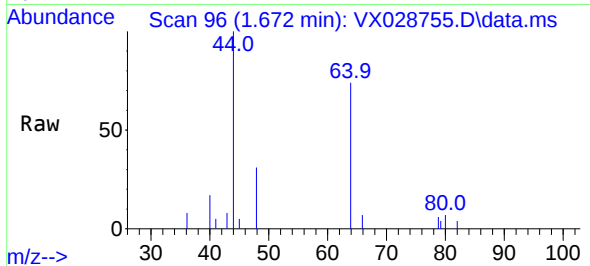
Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

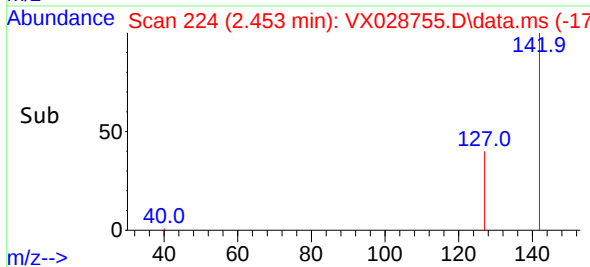
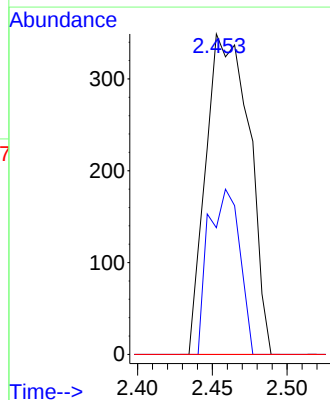
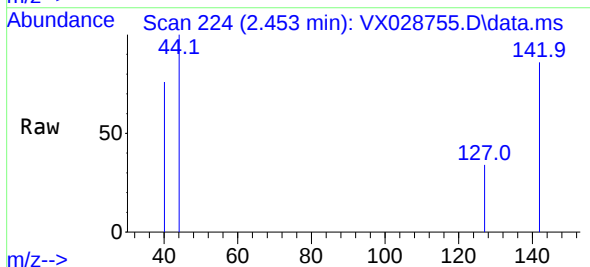
Instrument :
MSVOA_X
ClientSampleId :
MW-7RE

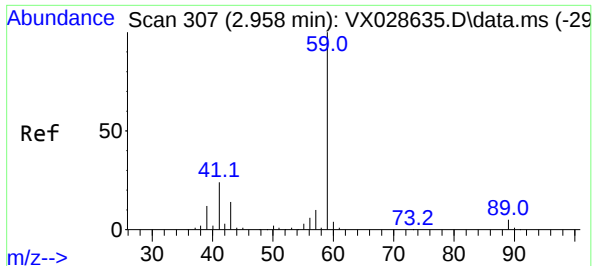
Tgt Ion: 64 Resp: 630
Ion Ratio Lower Upper
64 100
66 27.9 25.3 37.9



#10
Methyl Iodide
Concen: 0.215 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

Tgt Ion: 142 Resp: 702
Ion Ratio Lower Upper
142 100
127 37.2 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX028755.D

Acq: 17 May 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

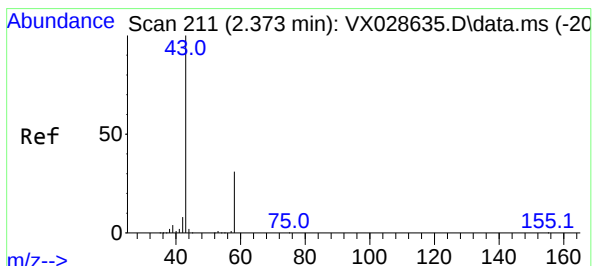
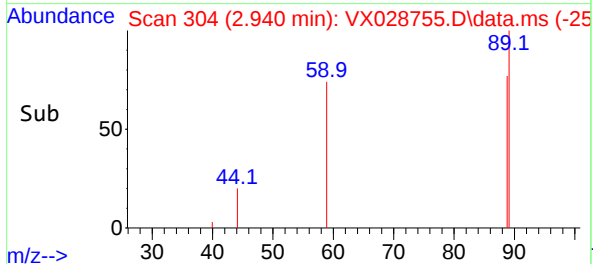
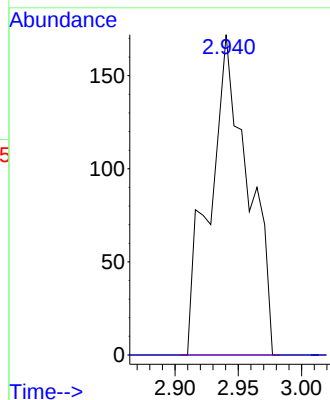
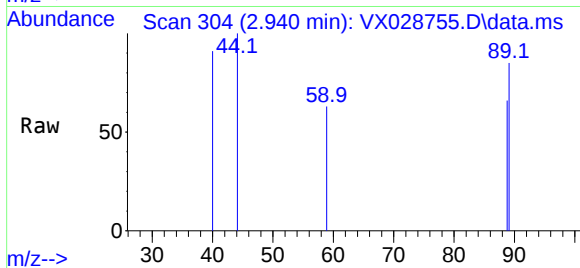
MW-7RE

Tgt Ion: 59 Resp: 364

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.177 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX028755.D

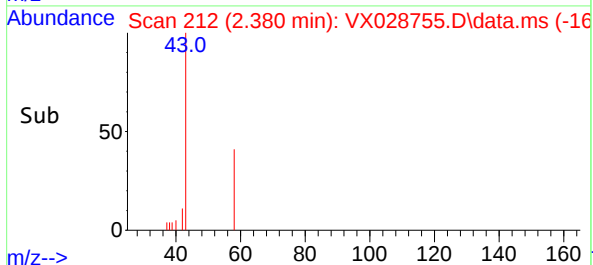
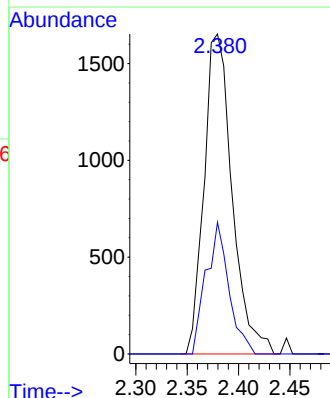
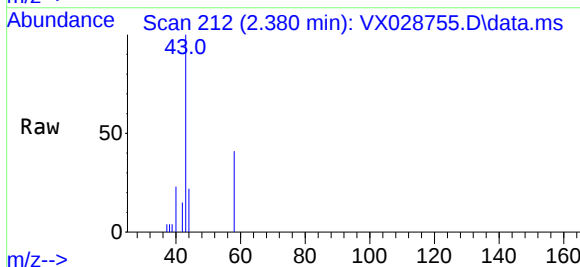
Acq: 17 May 2022 14:12

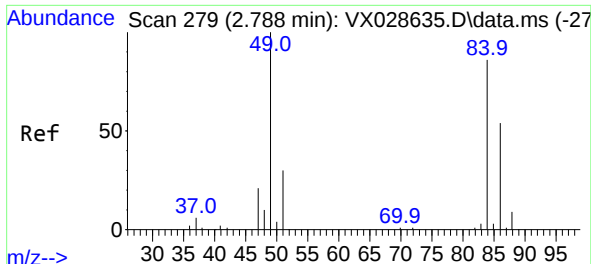
Tgt Ion: 43 Resp: 3139

Ion Ratio Lower Upper

43 100

58 41.1 28.8 43.2

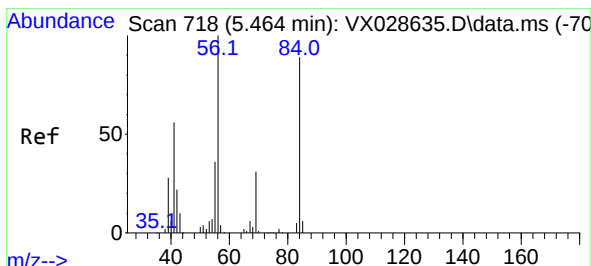
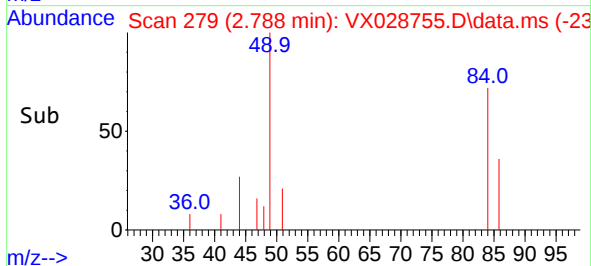
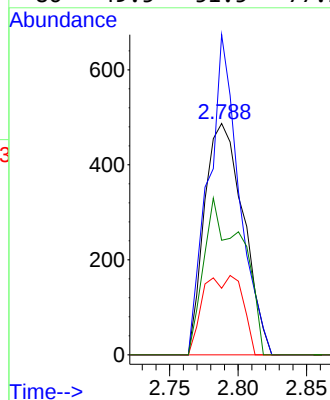
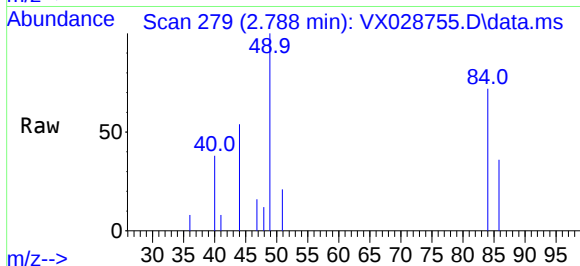




#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

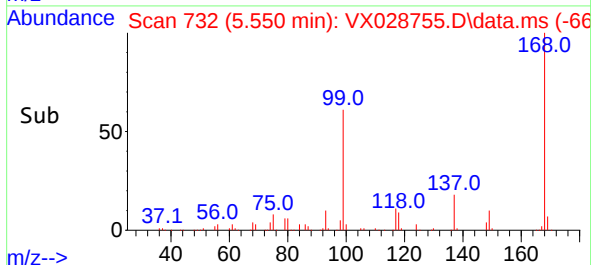
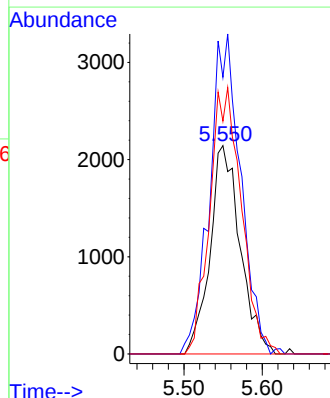
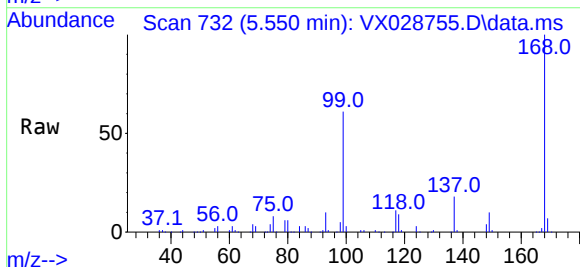
Instrument :
MSVOA_X
ClientSampleId :
MW-7RE

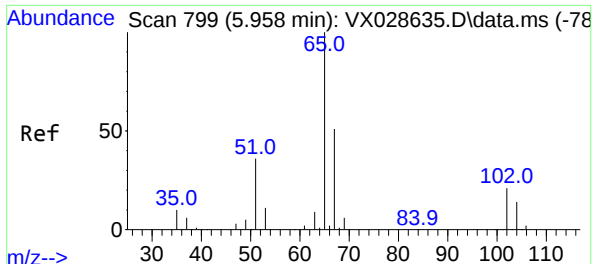
Tgt Ion:	84	Resp:	963
Ion	Ratio	Lower	Upper
84	100		
49	138.4	85.5	128.3#
51	28.7	26.6	39.8
86	49.5	51.5	77.3#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

Tgt Ion:	56	Resp:	5729
Ion	Ratio	Lower	Upper
56	100		
69	132.7	26.7	40.1#
84	111.8	77.2	115.8

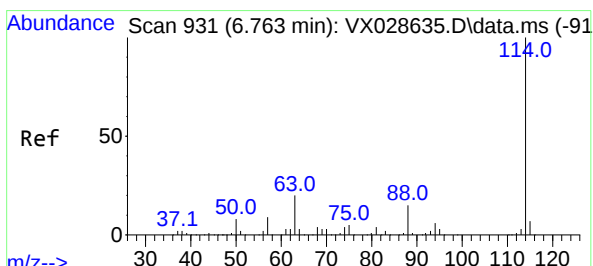
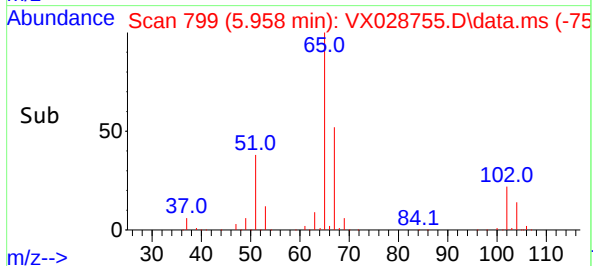
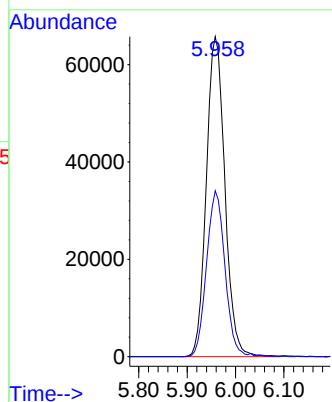
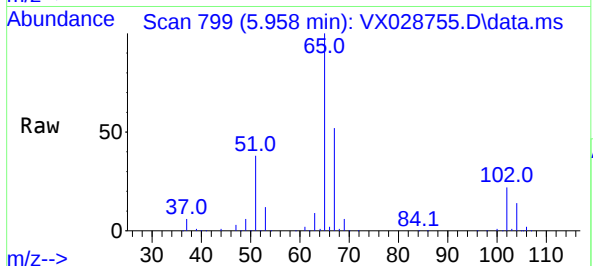




#33
1,2-Dichloroethane-d4
Concen: 52.075 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

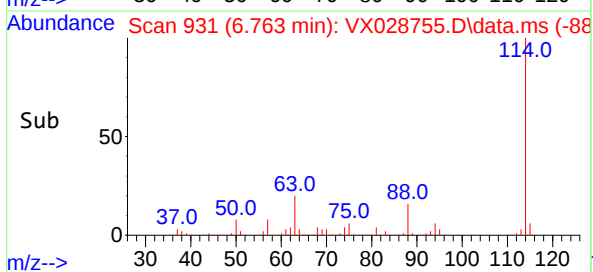
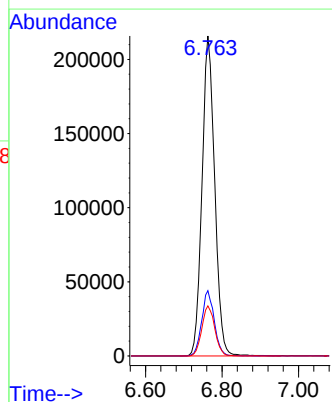
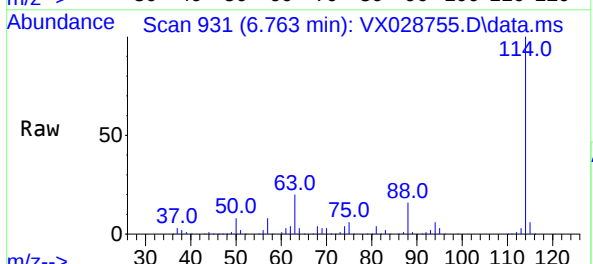
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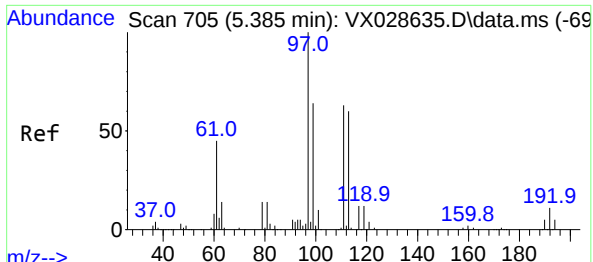
Tgt Ion: 65 Resp: 174976
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

Tgt Ion: 114 Resp: 496867
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 15.6 0.0 32.4

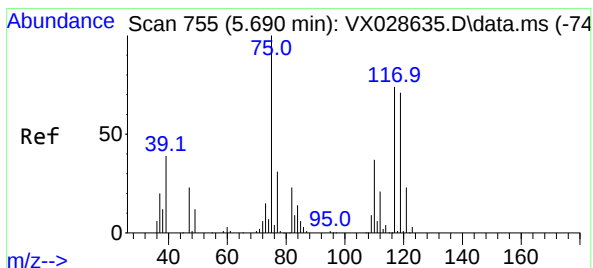
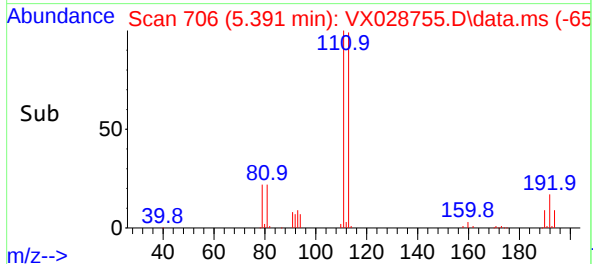
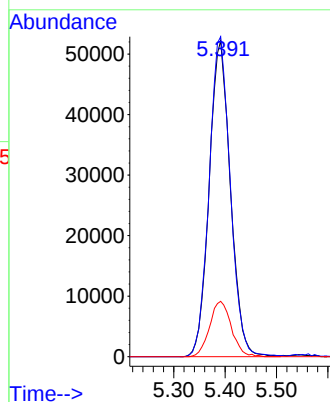
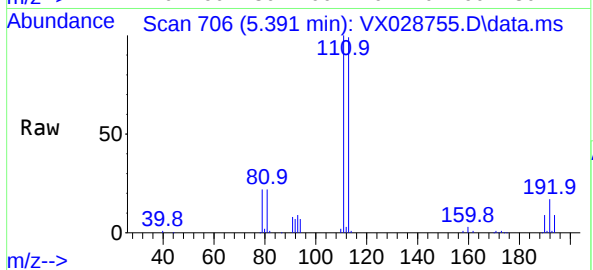




#35
Dibromofluoromethane
Concen: 45.976 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

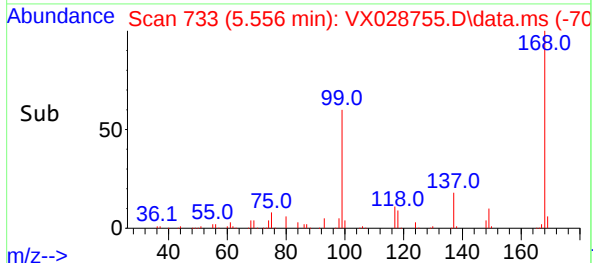
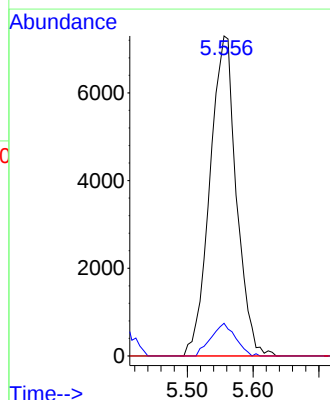
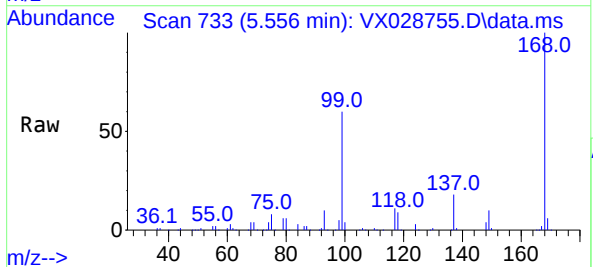
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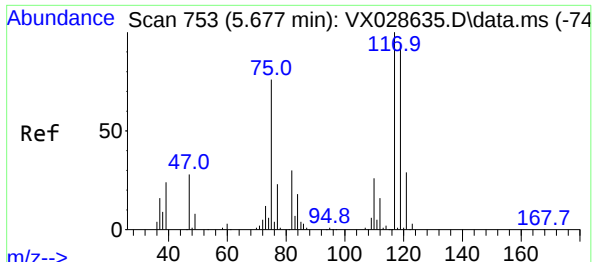
Tgt Ion:113 Resp: 149671
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 18.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.193 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

Tgt Ion: 75 Resp: 20502
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#

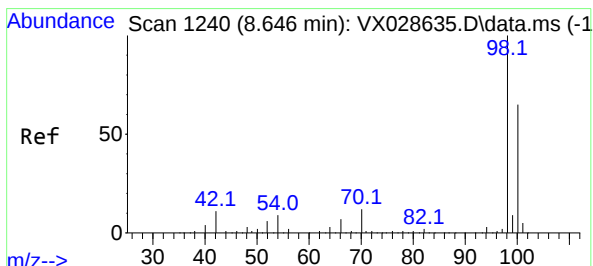
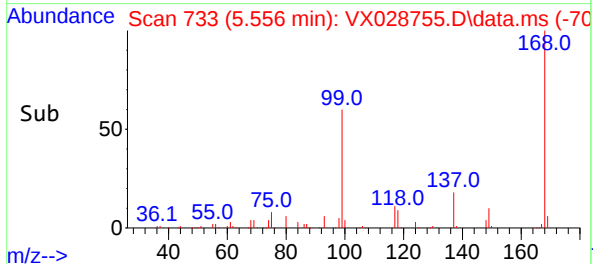
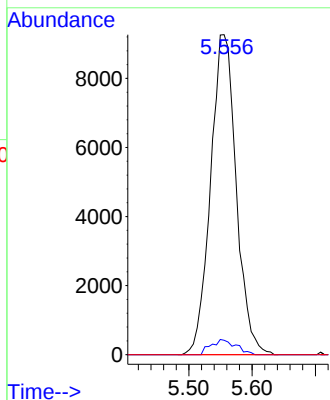
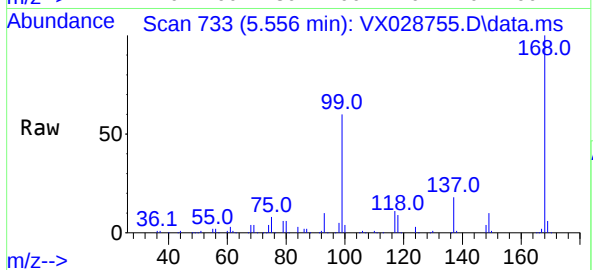




#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

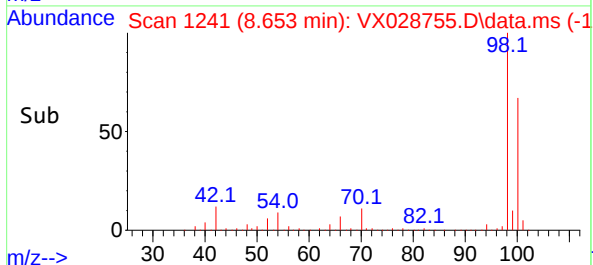
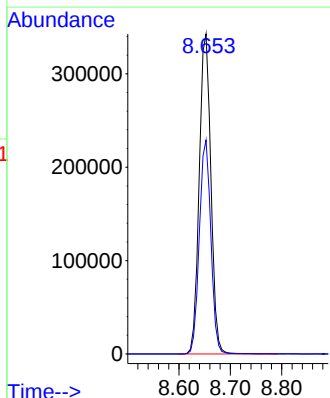
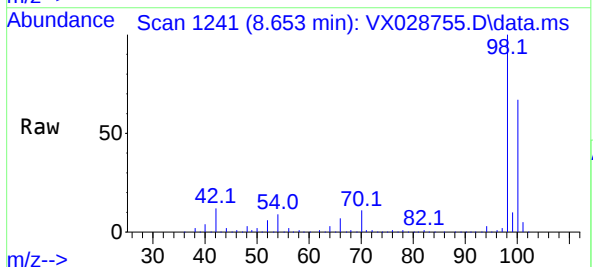
Instrument :
MSVOA_X
ClientSampleId :
MW-7RE

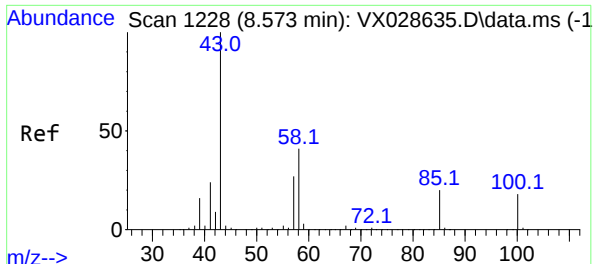
Tgt Ion:117 Resp: 26098
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.908 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

Tgt Ion: 98 Resp: 538904
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.494 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX028755.D

Acq: 17 May 2022 14:12

Instrument :

MSVOA_X

ClientSampleId :

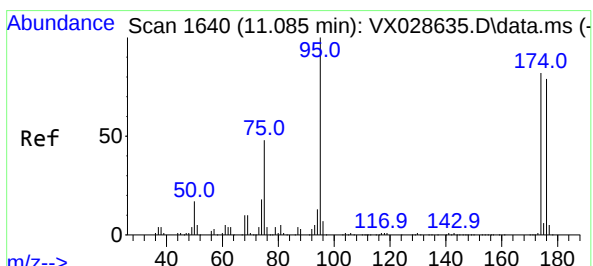
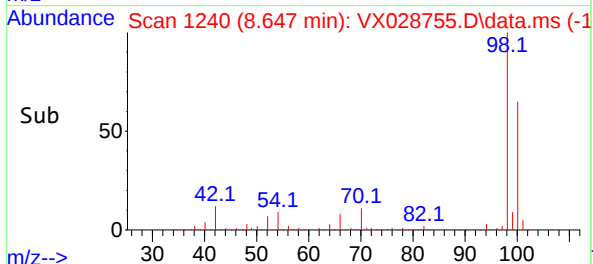
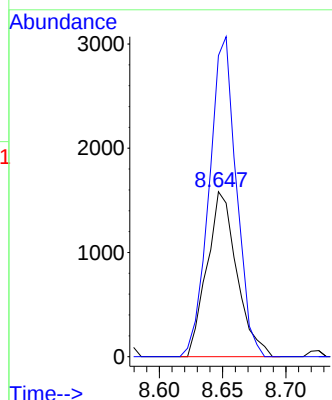
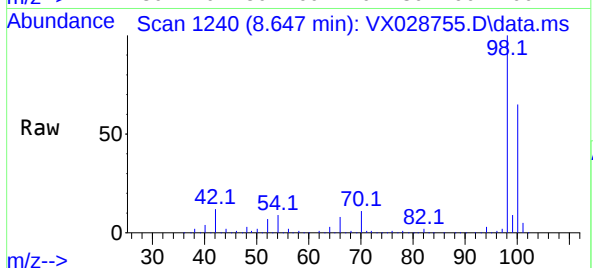
MW-7RE

Tgt Ion: 43 Resp: 2601

Ion Ratio Lower Upper

43 100

58 176.2 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 47.284 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028755.D

Acq: 17 May 2022 14:12

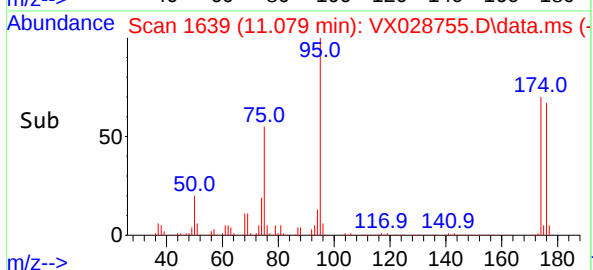
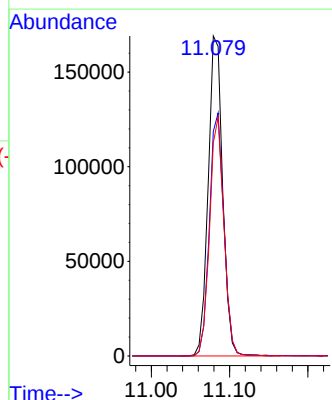
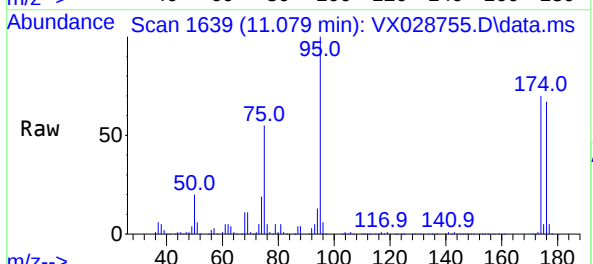
Tgt Ion: 95 Resp: 216762

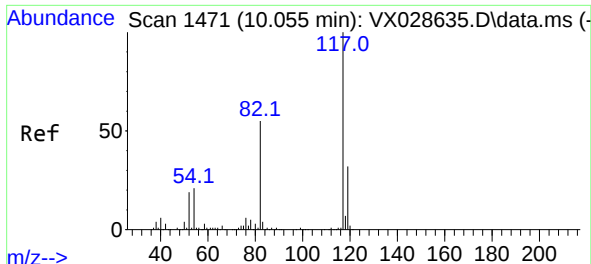
Ion Ratio Lower Upper

95 100

174 76.0 0.0 163.0

176 73.4 0.0 155.0

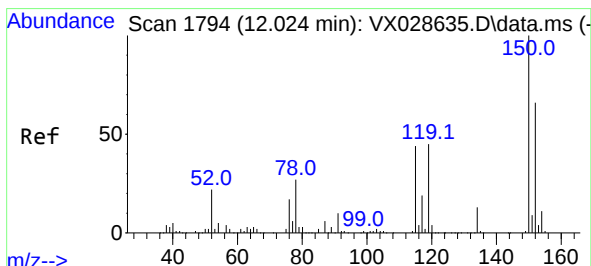
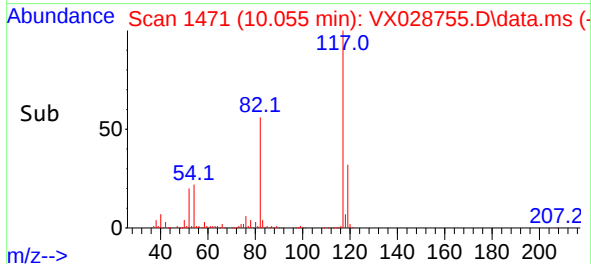
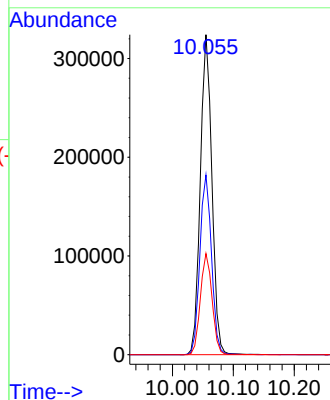
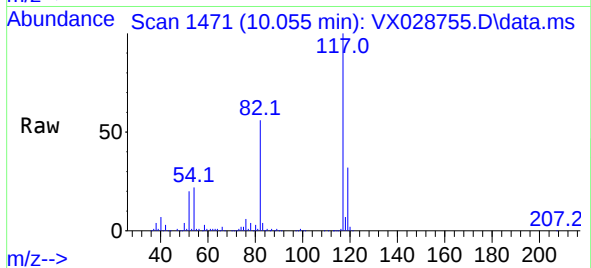




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

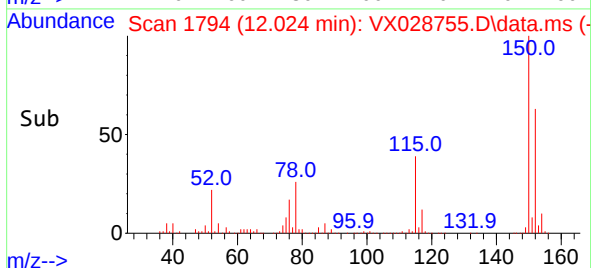
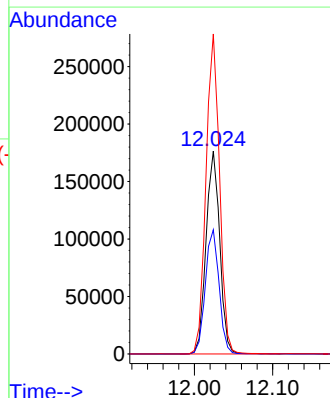
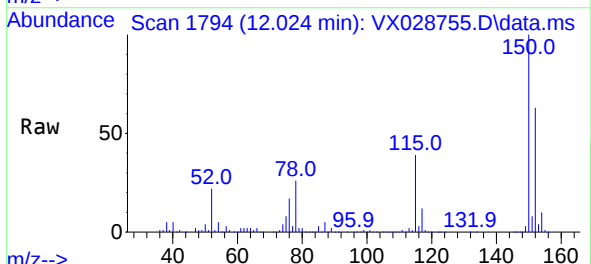
Instrument :
MSVOA_X
ClientSampleId :
MW-7RE

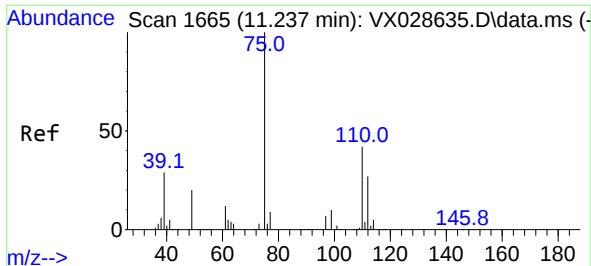
Tgt Ion:117 Resp: 428015
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

Tgt Ion:152 Resp: 213219
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 156.6 0.0 338.2

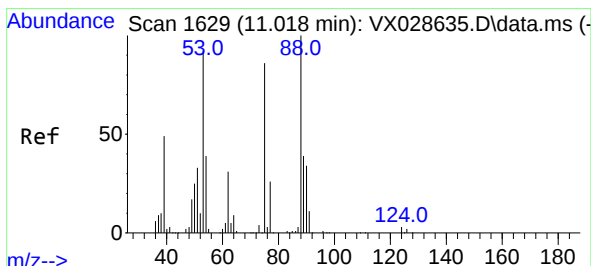
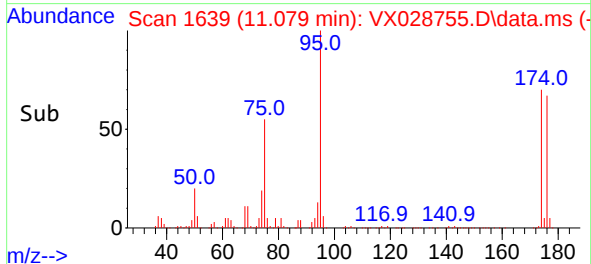
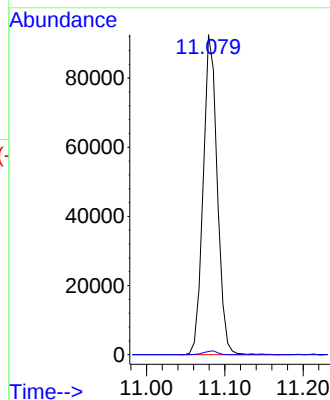
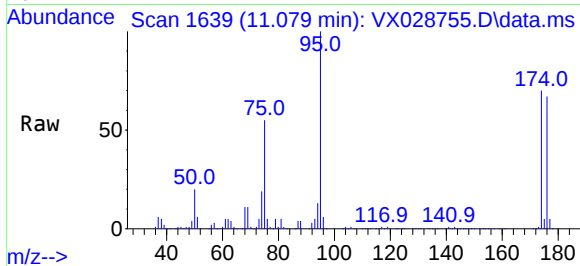




#76
1,2,3-Trichloropropane
Concen: 23.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

Instrument :
MSVOA_X
ClientSampleId :
MW-7RE

Tgt Ion: 75 Resp: 115418
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.488 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028755.D
Acq: 17 May 2022 14:12

Tgt Ion: 75 Resp: 115418
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

