

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028742.D
 Acq On : 16 May 2022 19:26
 Operator : JC/MD
 Sample : N2867-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW205S1-250-252

Quant Time: May 17 03:41:12 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)

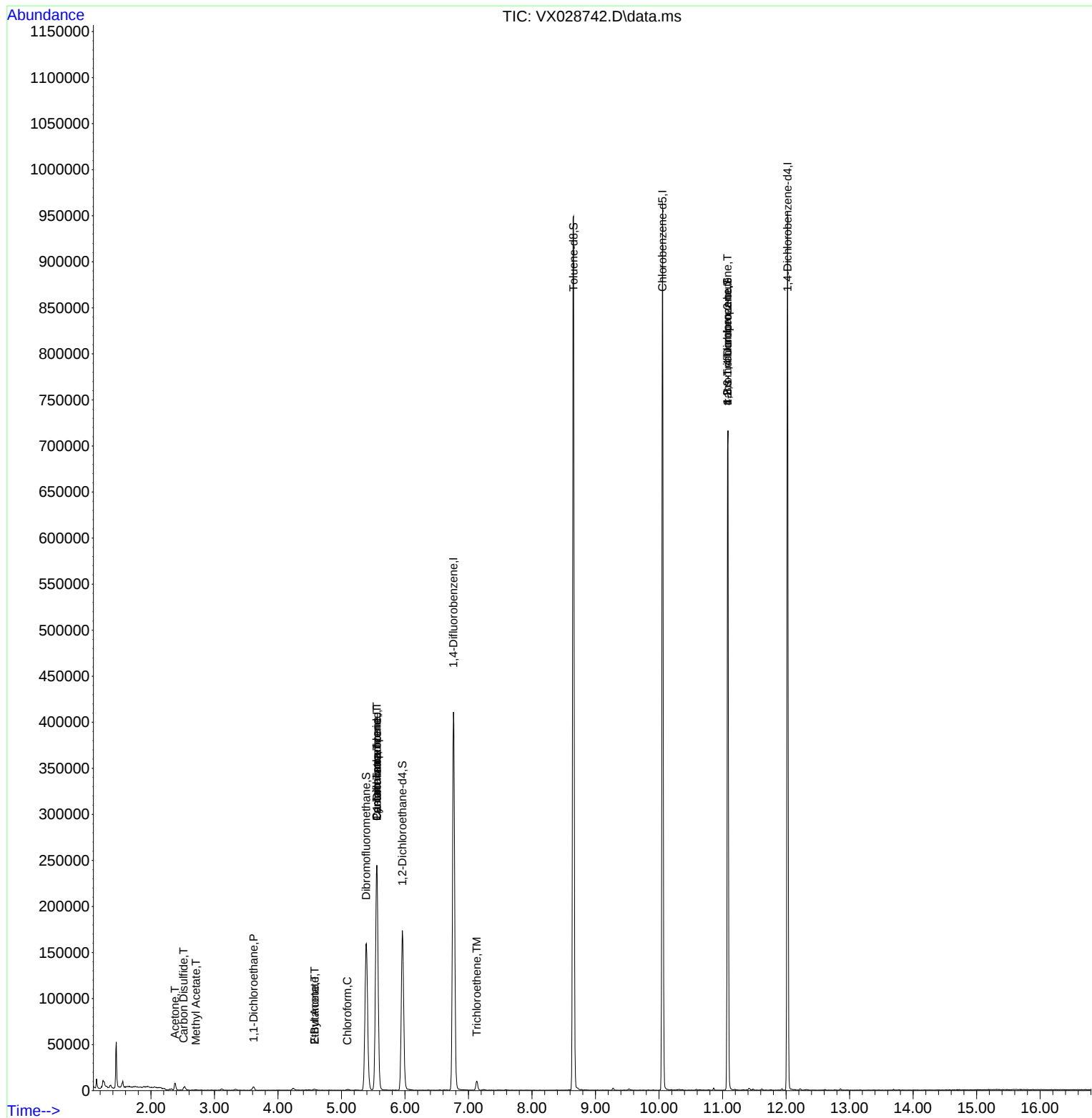
Internal Standards						
1) Pentafluorobenzene	5.556	168	224944	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	420862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161542	52.390	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.780%	
35) Dibromofluoromethane	5.385	113	137978	50.039	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.080%	
50) Toluene-d8	8.653	98	569695	54.799	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 109.600%	
62) 4-Bromofluorobenzene	11.079	95	191282	49.262	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.520%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	481	Below Cal	#	65
6) Chloroethane	1.715	64	477	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	24	Below Cal	#	72
16) Acetone	2.380	43	8484	6.411	ug/l	96
17) Carbon Disulfide	2.514	76	2203	0.365	ug/l	96
18) Methyl Acetate	2.709	43	742	0.224	ug/l	# 68
24) 1,1-Dichloroethane	3.617	63	4445	0.958	ug/l	95
25) 2-Butanone	4.574	43	2427	1.168	ug/l	# 88
30) Chloroform	5.093	83	1199	0.239	ug/l	# 77
31) Cyclohexane	5.556	56	5428	1.268	ug/l	# 30
36) 1,1-Dichloropropene	5.556	75	18670	4.508	ug/l	# 46
37) Ethyl Acetate	4.574	43	2427	0.561	ug/l	# 65
38) Carbon Tetrachloride	5.556	117	24531	5.886	ug/l	# 15
44) Trichloroethene	7.129	130	3654	1.132	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	101864	23.551	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	101864	68.691	ug/l	# 15

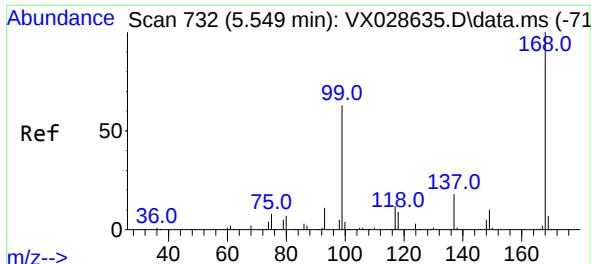
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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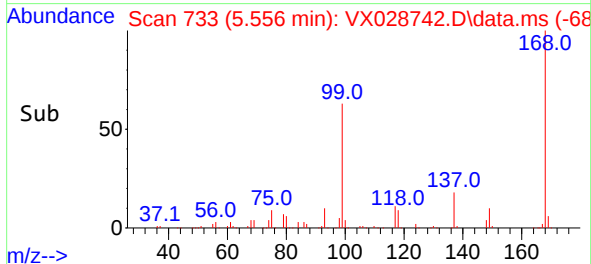
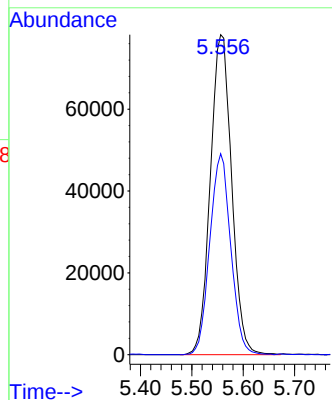
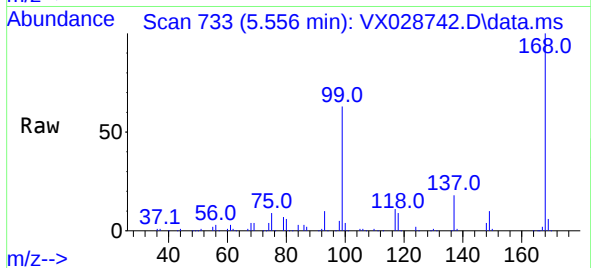




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

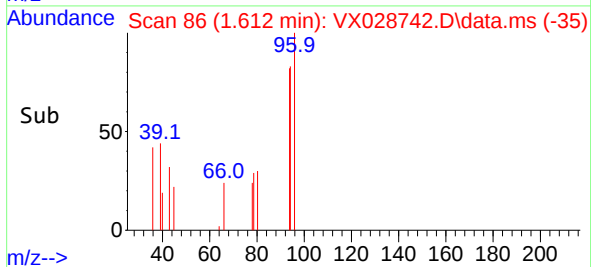
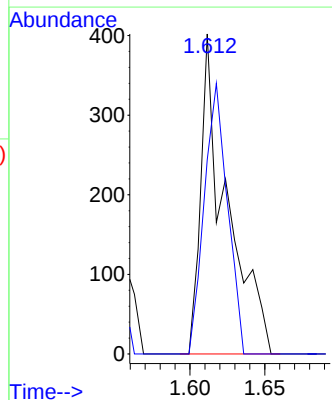
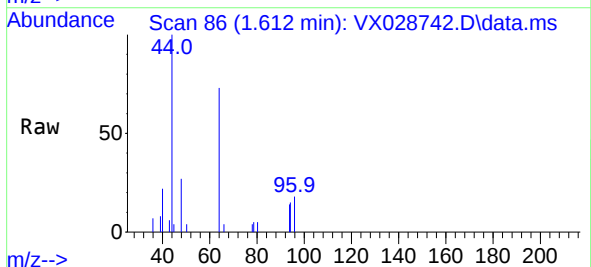
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-250-252

Tgt Ion:168 Resp: 224944
Ion Ratio Lower Upper
168 100
99 62.8 41.7 62.5#

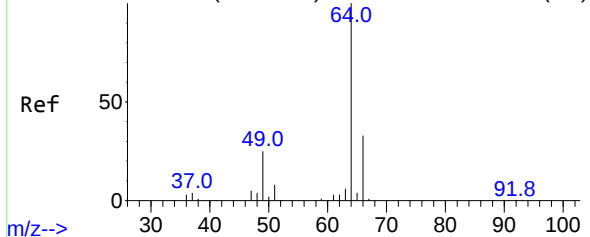


#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Tgt Ion: 94 Resp: 481
Ion Ratio Lower Upper
94 100
96 60.7 75.3 112.9#



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



#6

Chloroethane

Concen: Below Cal

RT: 1.715 min Scan# 103

Delta R.T. 0.037 min

Lab File: VX028742.D

Acq: 16 May 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW205S1-250-252

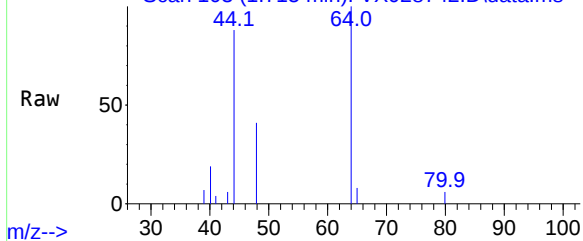
Tgt Ion: 64 Resp: 477

Ion Ratio Lower Upper

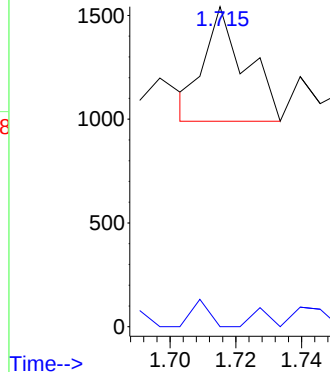
64 100

66 0.0 25.3 37.9#

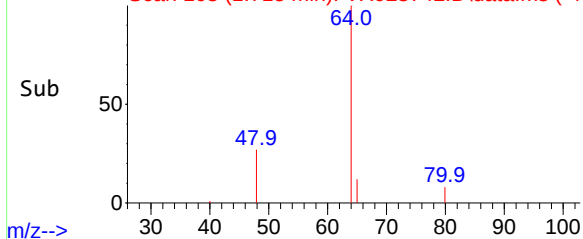
Abundance Scan 103 (1.715 min): VX028742.D\data.ms



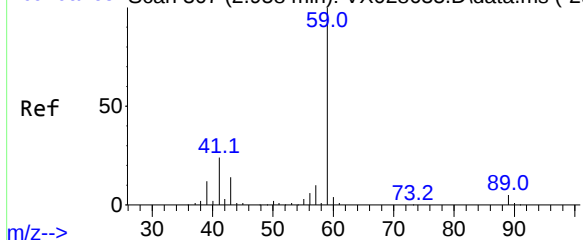
Abundance



Abundance Scan 103 (1.715 min): VX028742.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.011 min

Lab File: VX028742.D

Acq: 16 May 2022 19:26

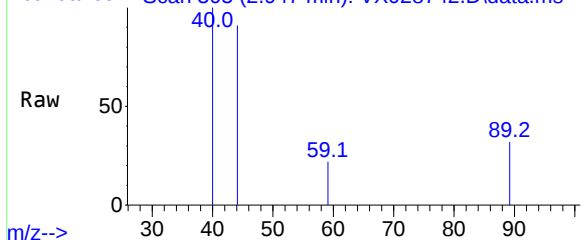
Tgt Ion: 59 Resp: 24

Ion Ratio Lower Upper

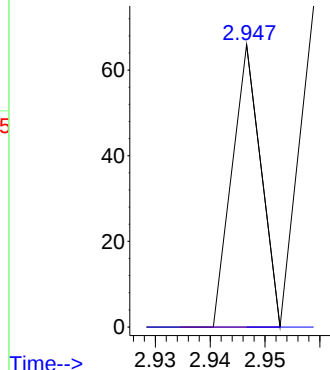
59 100

57 0.0 8.3 12.5#

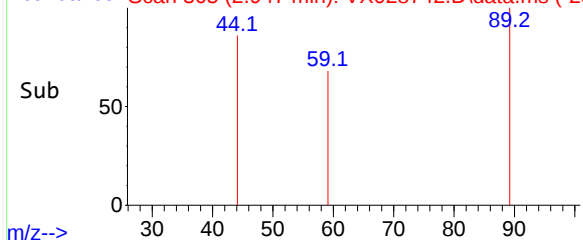
Abundance Scan 305 (2.947 min): VX028742.D\data.ms

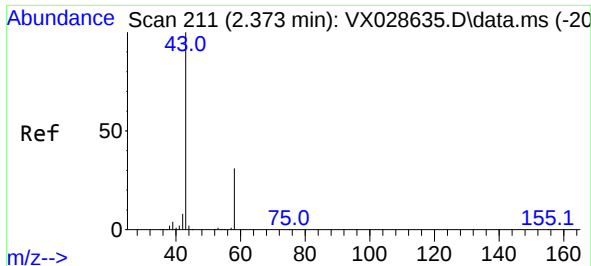


Abundance



Abundance Scan 305 (2.947 min): VX028742.D\data.ms (-25)

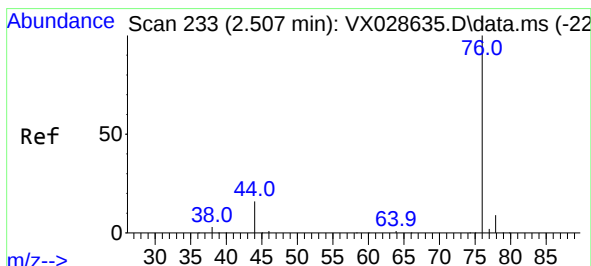
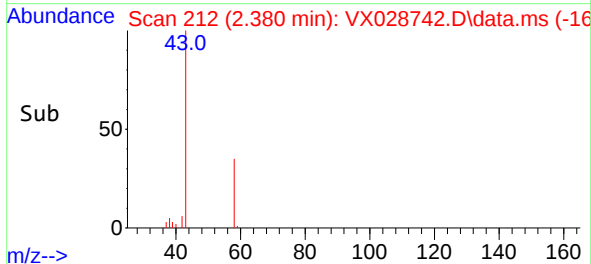
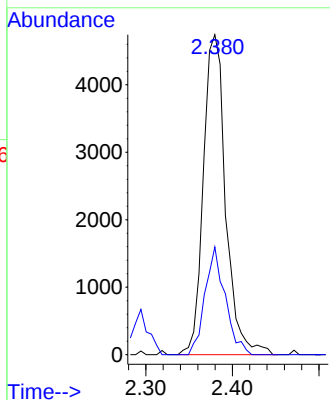
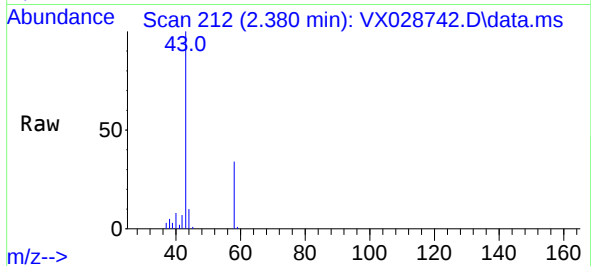




#16
Acetone
Concen: 6.411 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

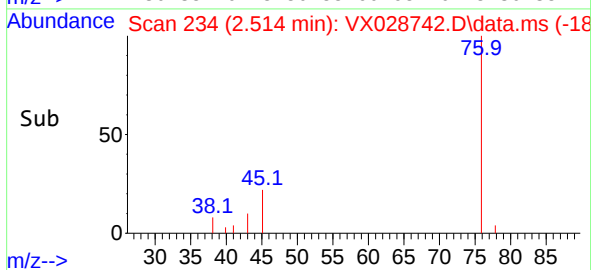
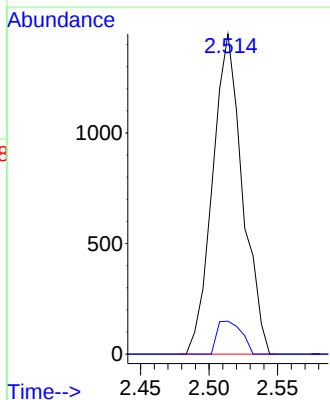
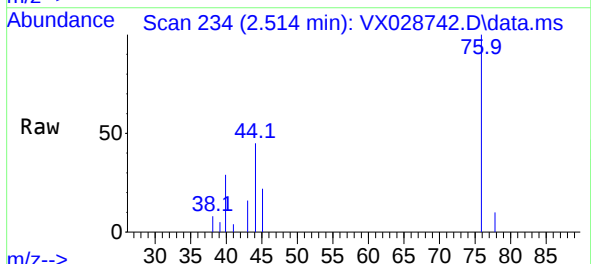
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-250-252

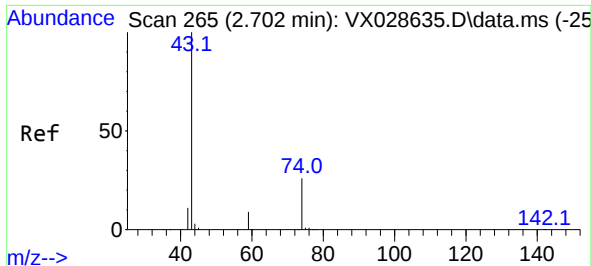
Tgt Ion: 43 Resp: 8484
Ion Ratio Lower Upper
43 100
58 33.6 28.8 43.2



#17
Carbon Disulfide
Concen: 0.365 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Tgt Ion: 76 Resp: 2203
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8





#18

Methyl Acetate

Concen: 0.224 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.007 min

Lab File: VX028742.D

Acq: 16 May 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

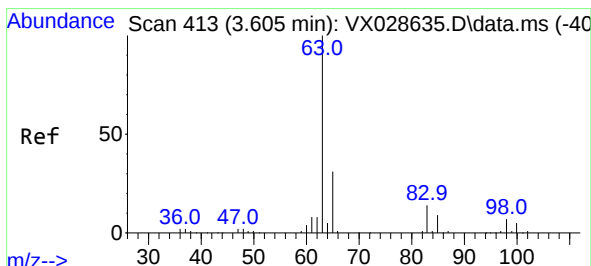
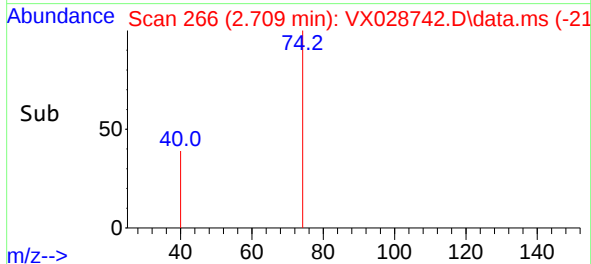
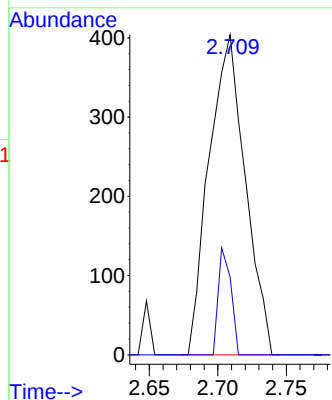
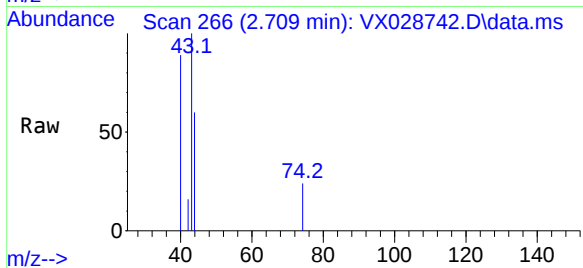
BP-TT-MW205S1-250-252

Tgt Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

74 11.5 22.8 34.2#



#24

1,1-Dichloroethane

Concen: 0.958 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.012 min

Lab File: VX028742.D

Acq: 16 May 2022 19:26

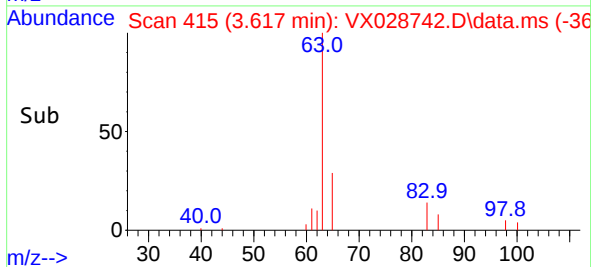
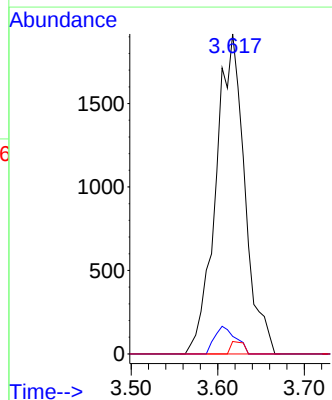
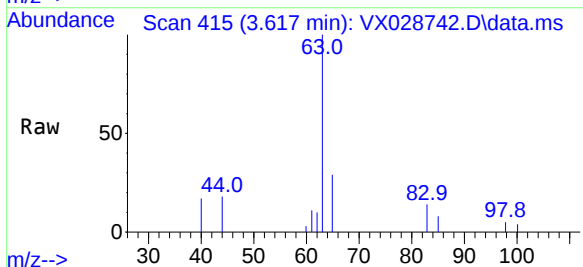
Tgt Ion: 63 Resp: 4445

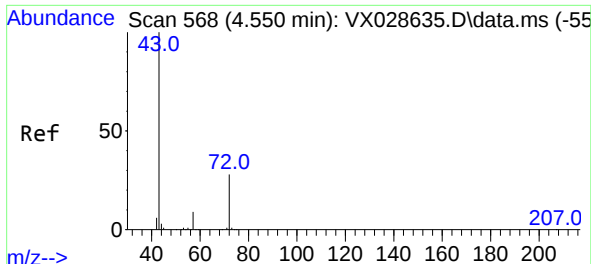
Ion Ratio Lower Upper

63 100

98 5.5 3.9 11.7

100 3.9 2.4 7.2

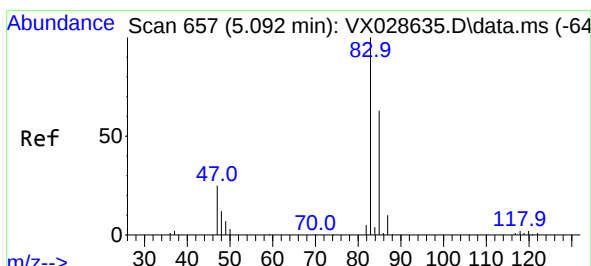
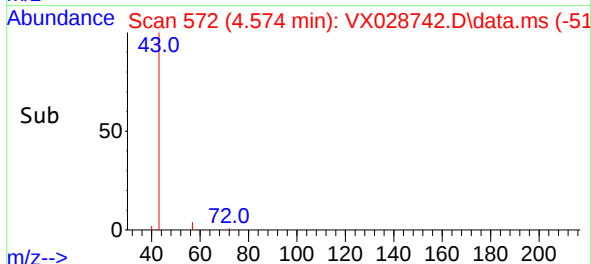
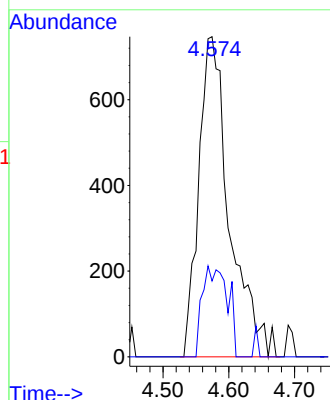
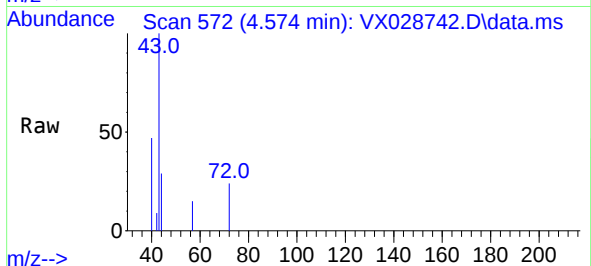




#25
2-Butanone
Concen: 1.168 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

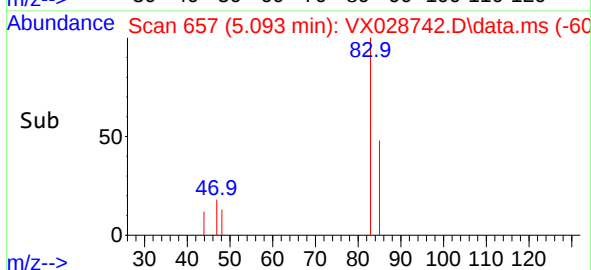
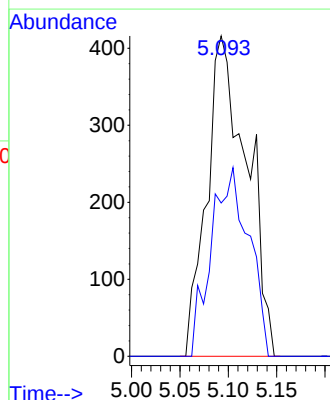
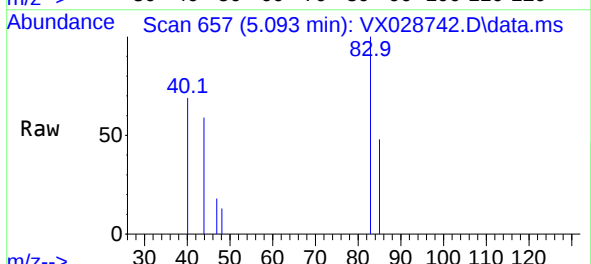
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-250-252

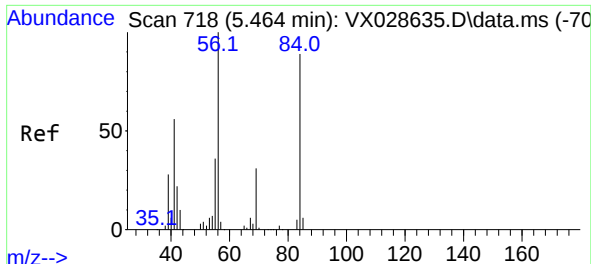
Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
72 23.7 24.4 36.6#



#30
Chloroform
Concen: 0.239 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Tgt Ion: 83 Resp: 1199
Ion Ratio Lower Upper
83 100
85 47.8 52.7 79.1#

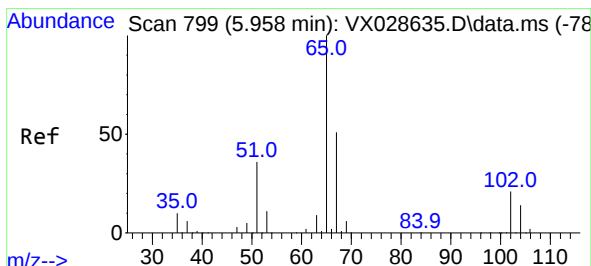
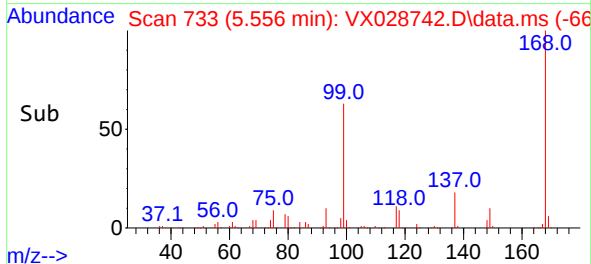
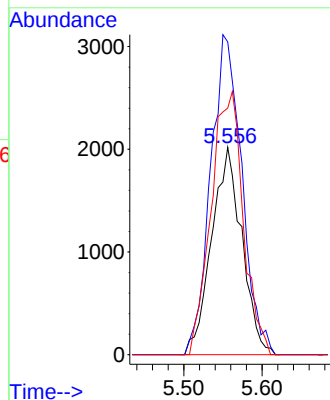
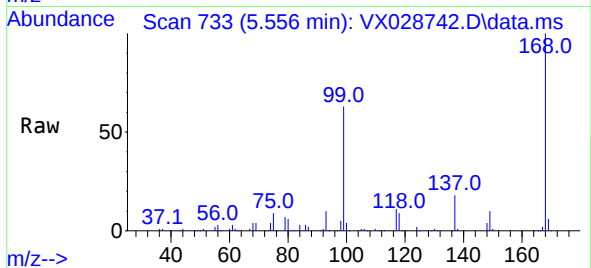




#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

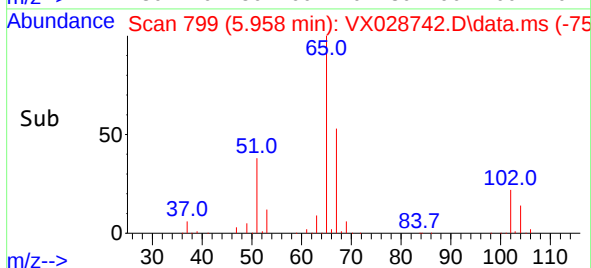
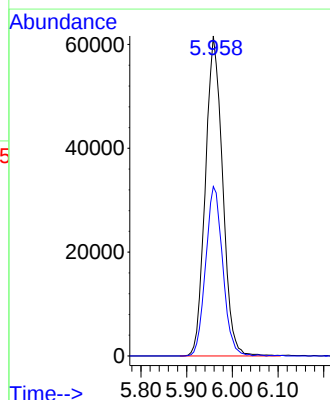
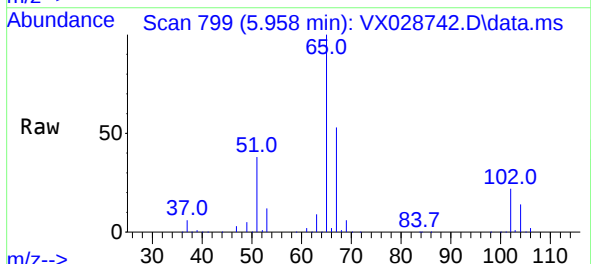
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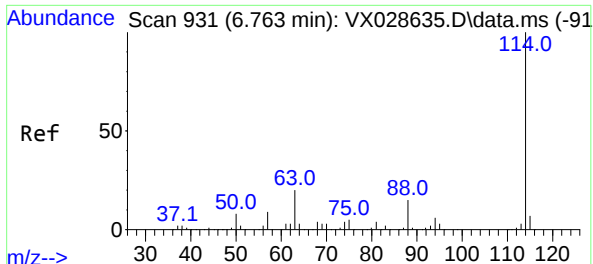
Tgt Ion: 56 Resp: 5428
Ion Ratio Lower Upper
56 100
69 150.9 26.7 40.1#
84 118.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.390 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Tgt Ion: 65 Resp: 161542
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

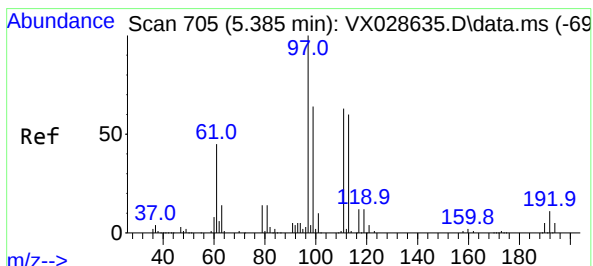
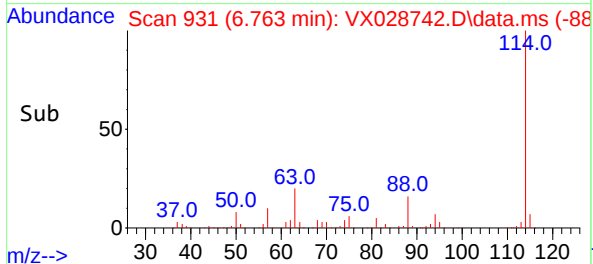
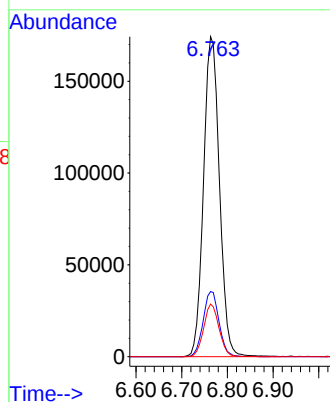
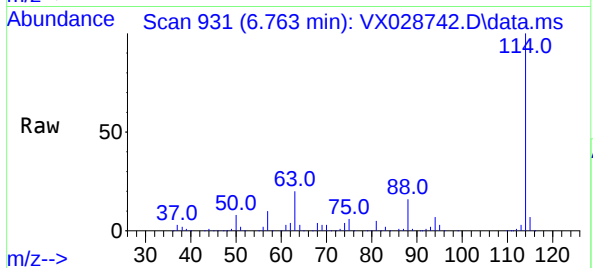




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

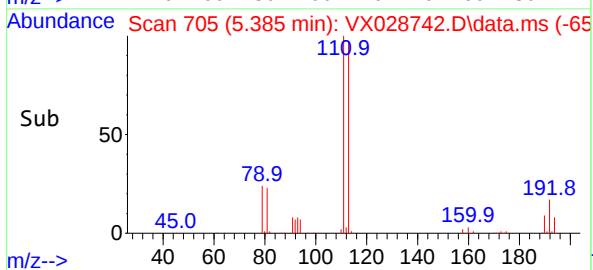
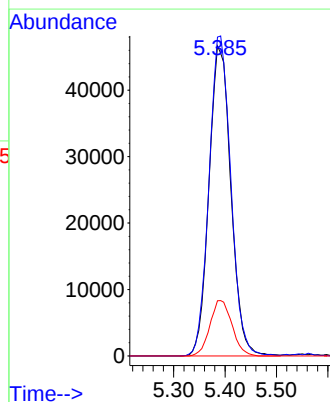
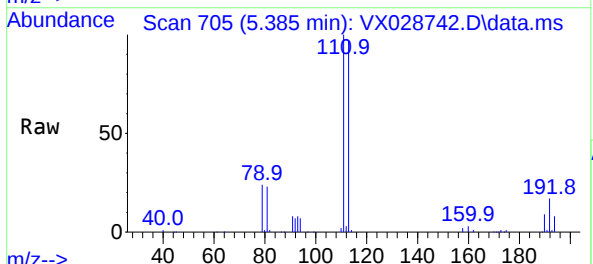
Instrument :
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ClientSampleId :
BP-TT-MW205S1-250-252

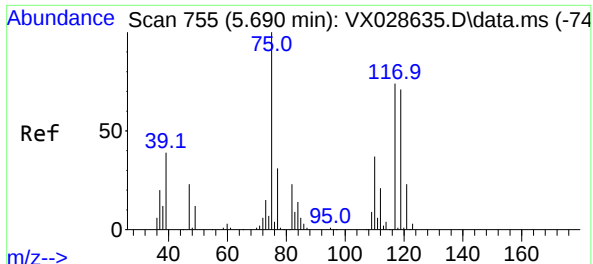
Tgt Ion:114 Resp: 420862
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 16.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.039 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Tgt Ion:113 Resp: 137978
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.508 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX028742.D

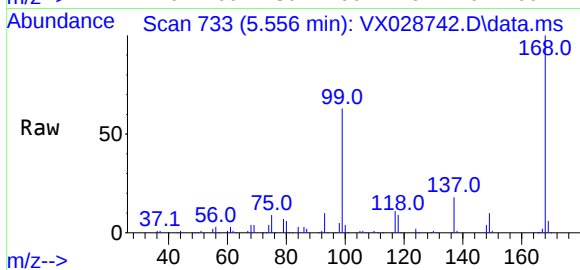
Acq: 16 May 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW205S1-250-252



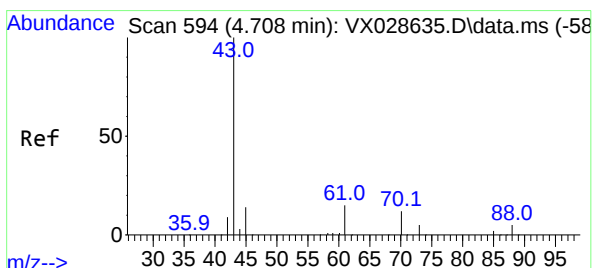
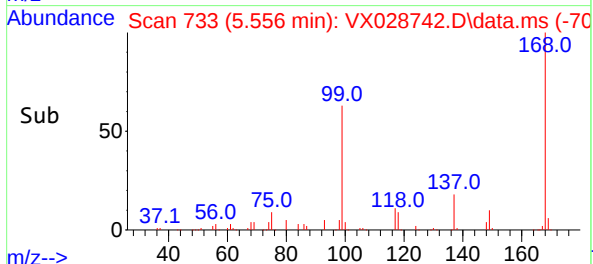
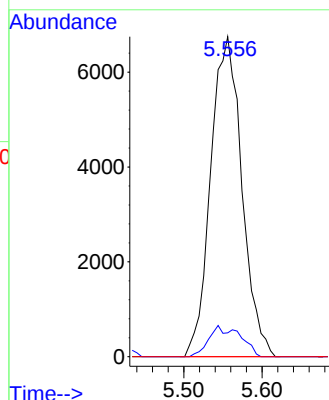
Tgt Ion: 75 Resp: 18670

Ion Ratio Lower Upper

75 100

110 5.7 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.561 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.134 min

Lab File: VX028742.D

Acq: 16 May 2022 19:26

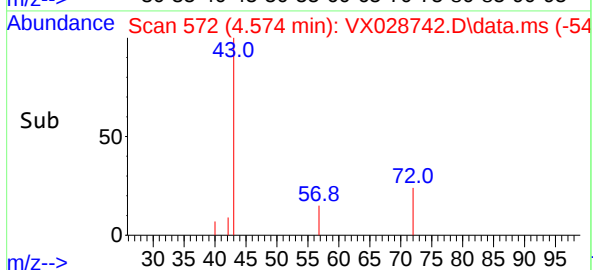
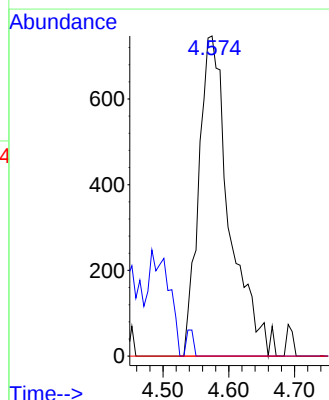
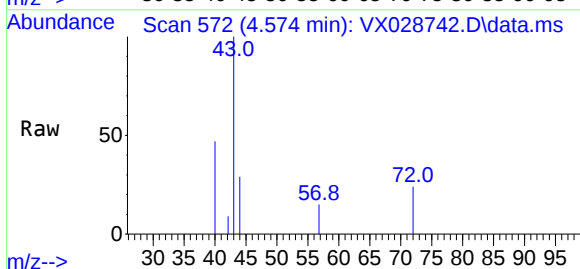
Tgt Ion: 43 Resp: 2427

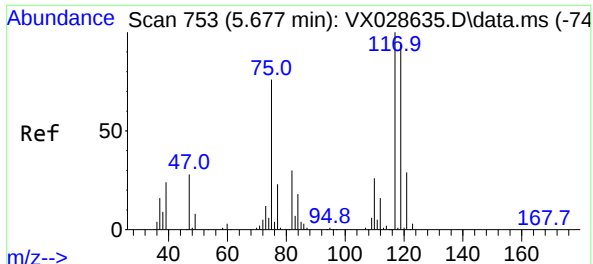
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#

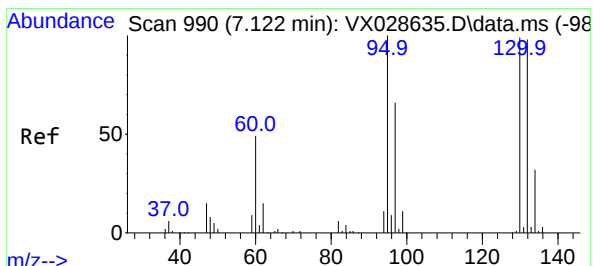
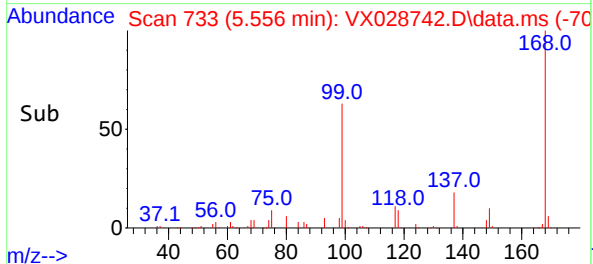
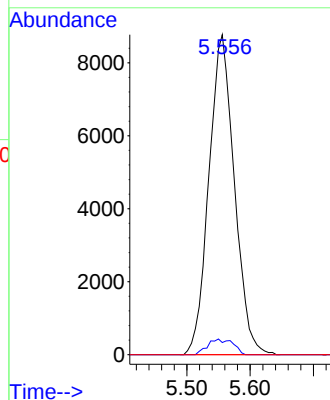
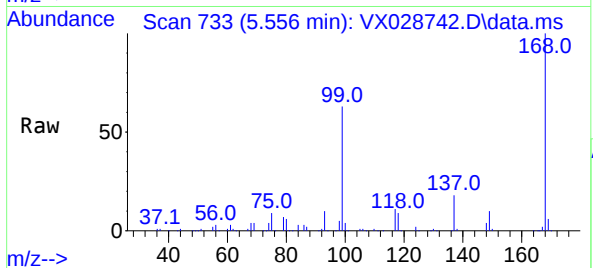




#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

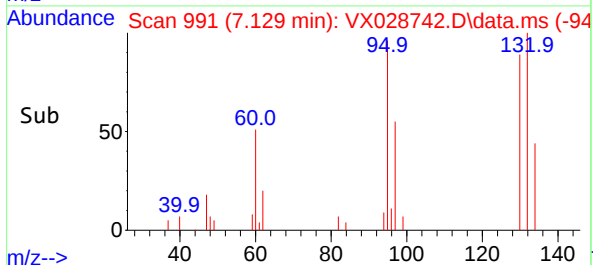
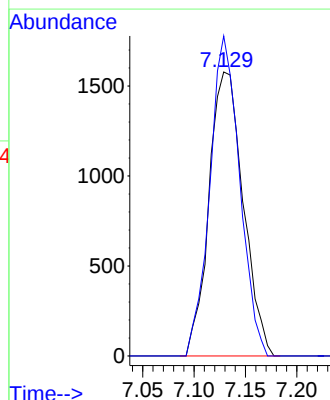
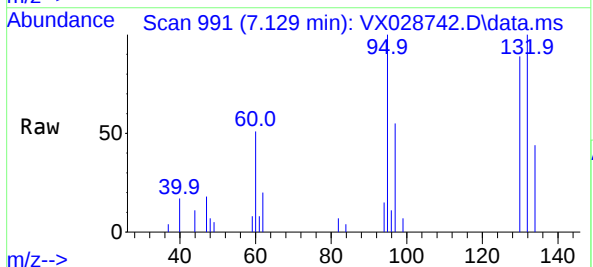
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-250-252

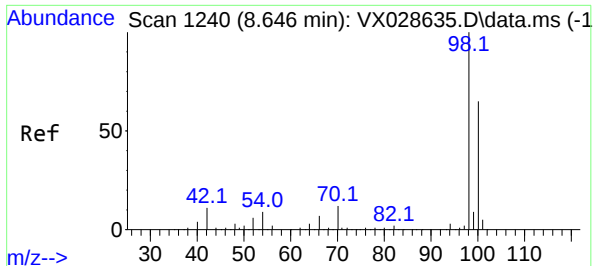
Tgt Ion:117 Resp: 24531
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 1.132 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Tgt Ion:130 Resp: 3654
Ion Ratio Lower Upper
130 100
95 112.7 0.0 188.8

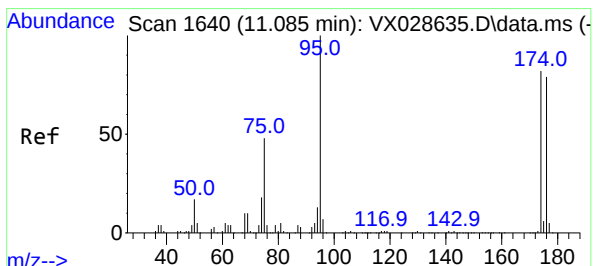
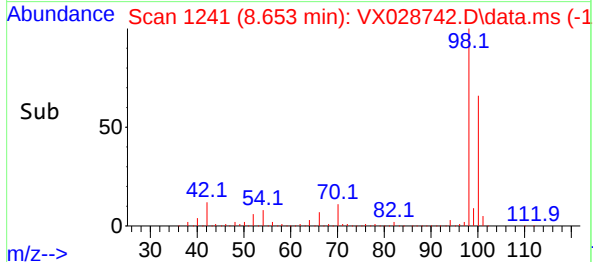
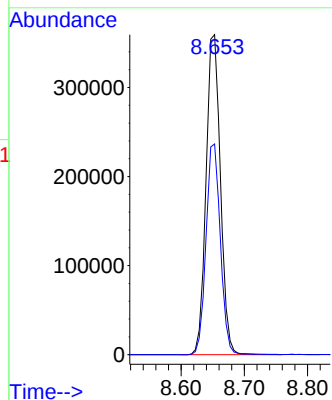
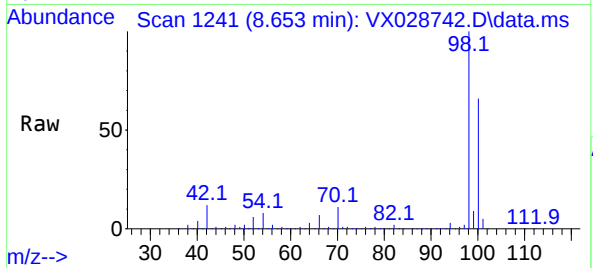




#50
Toluene-d8
Concen: 54.799 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

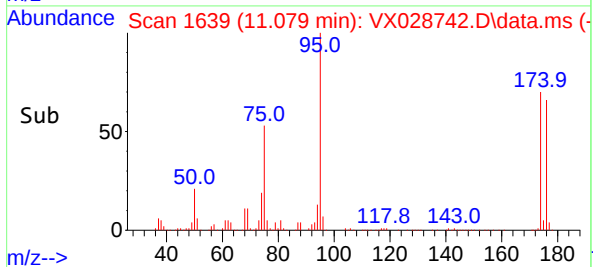
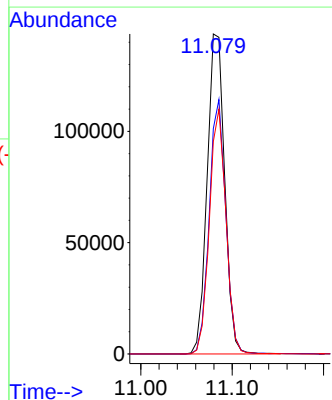
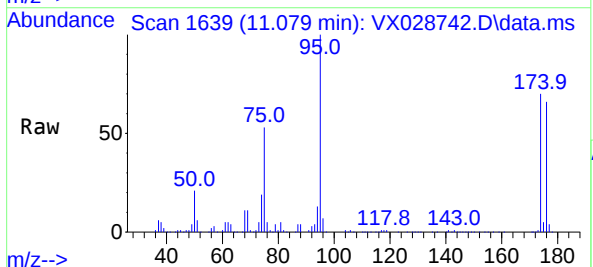
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-250-252

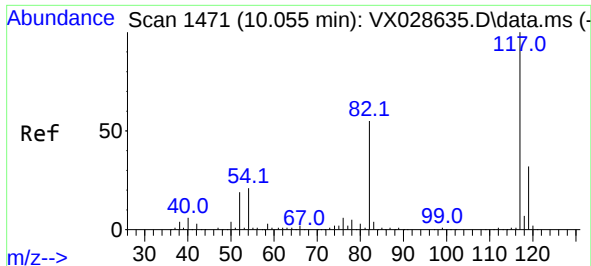
Tgt Ion: 98 Resp: 569695
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Tgt Ion: 95 Resp: 191282
Ion Ratio Lower Upper
95 100
174 75.2 0.0 163.0
176 72.3 0.0 155.0

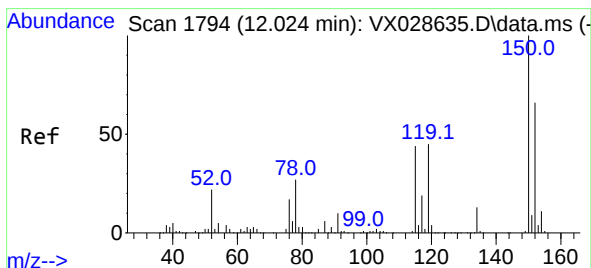
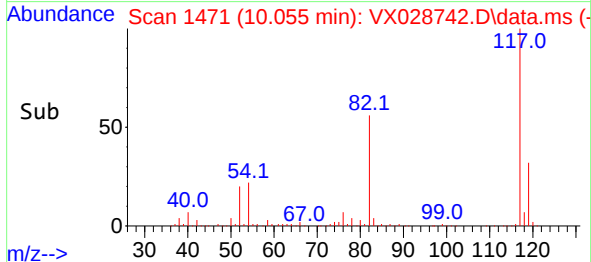
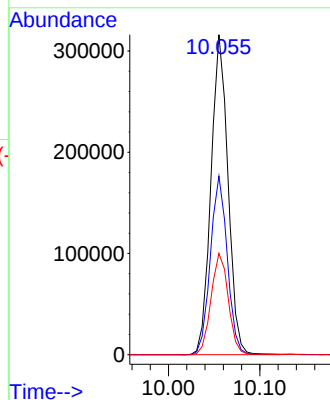
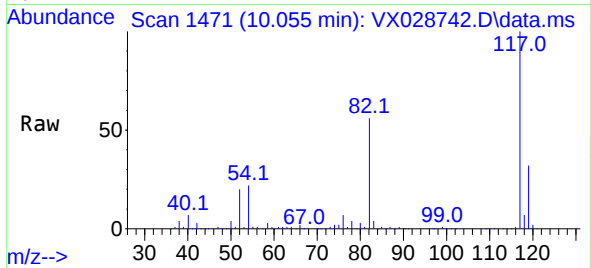




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

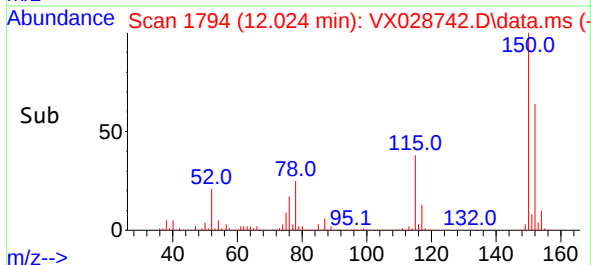
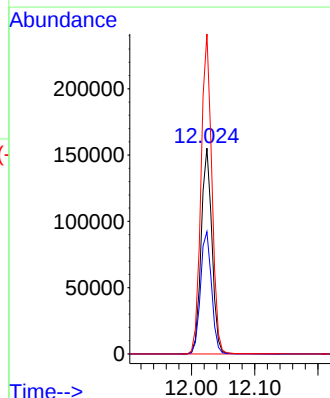
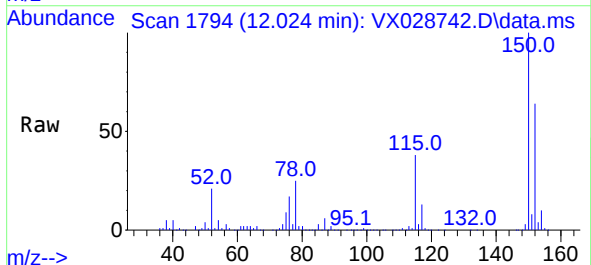
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-250-252

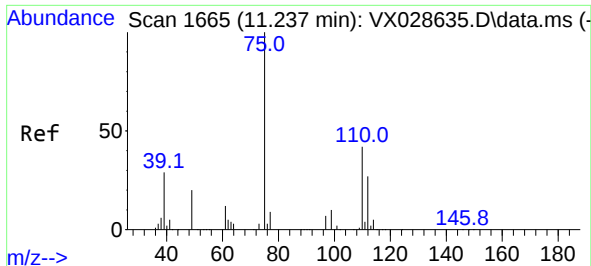
Tgt Ion:117 Resp: 407588
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Tgt Ion:152 Resp: 184687
Ion Ratio Lower Upper
152 100
115 61.0 37.5 112.7
150 156.0 0.0 338.2

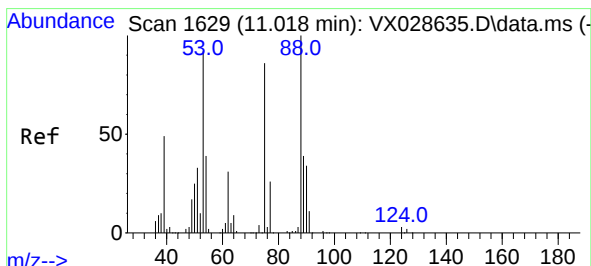
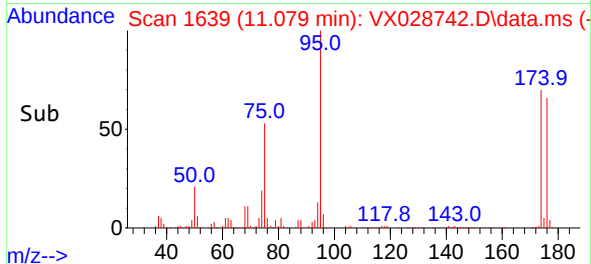
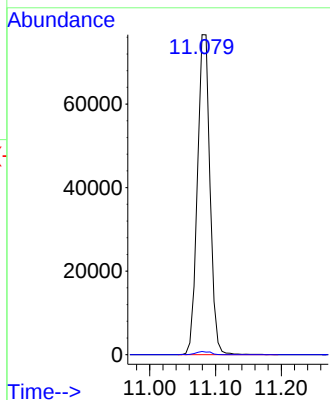
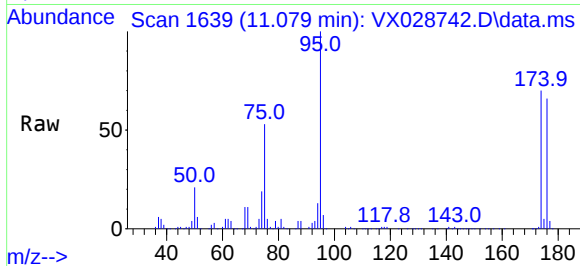




#76
1,2,3-Trichloropropane
Concen: 23.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW205S1-250-252

Tgt Ion: 75 Resp: 101864
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028742.D
Acq: 16 May 2022 19:26

Tgt Ion: 75 Resp: 101864
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

