

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028832.D
 Acq On : 19 May 2022 17:52
 Operator : JC/MD
 Sample : N2943-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: May 20 01:49:15 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)

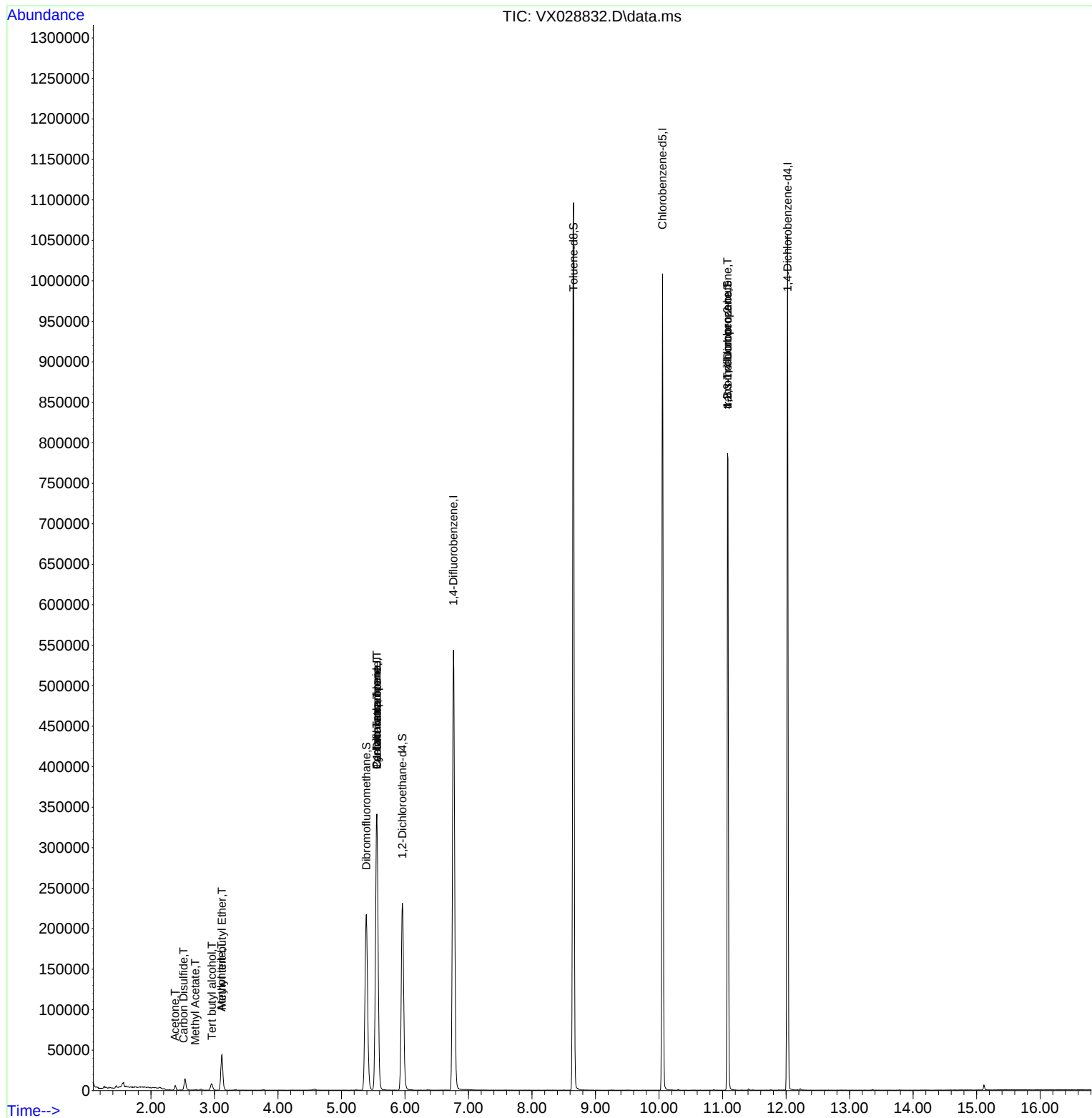
Internal Standards						
1) Pentafluorobenzene	5.556	168	313372	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	555397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233785	54.424	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.840%	
35) Dibromofluoromethane	5.391	113	188513	51.805	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.620%	
50) Toluene-d8	8.653	98	648118	47.242	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.480%	
62) 4-Bromofluorobenzene	11.079	95	206727	40.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 80.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	324	Below Cal		91
6) Chloroethane	1.709	64	337	Below Cal	#	67
11) Tert butyl alcohol	2.959	59	7997	0.820	ug/l #	93
15) Acrylonitrile	3.111	53	624	0.302	ug/l #	6
16) Acetone	2.380	43	6632	3.597	ug/l #	85
17) Carbon Disulfide	2.514	76	1908	0.227	ug/l	96
18) Methyl Acetate	2.697	43	953	0.206	ug/l #	69
19) Methyl tert-butyl Ether	3.117	73	46956	4.080	ug/l	96
31) Cyclohexane	5.556	56	7029	1.179	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	25532	4.671	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34126	6.204	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	110273	22.927	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	110273	66.972	ug/l #	15

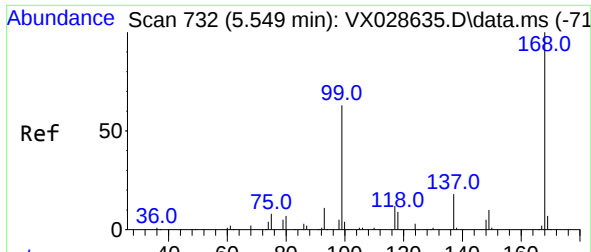
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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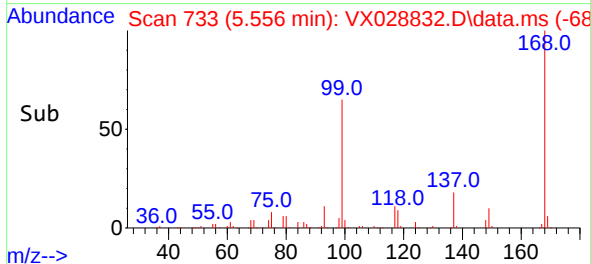
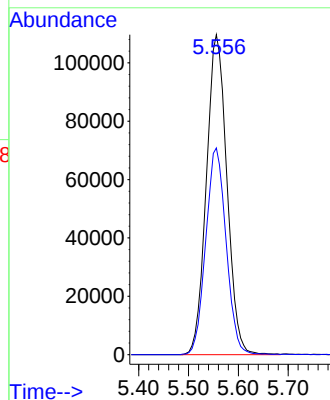
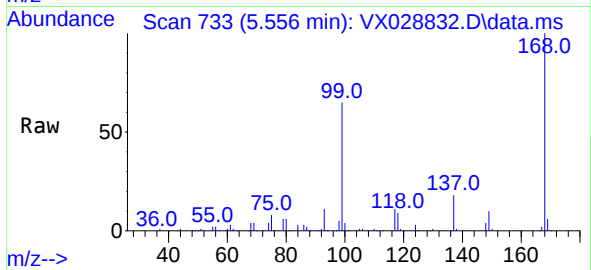




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

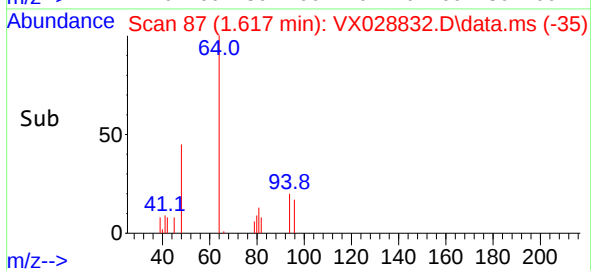
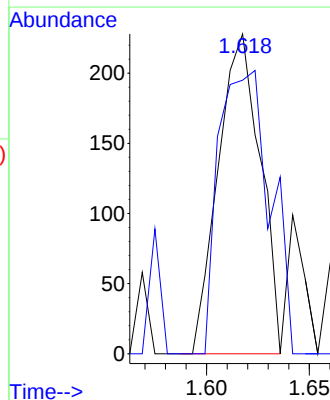
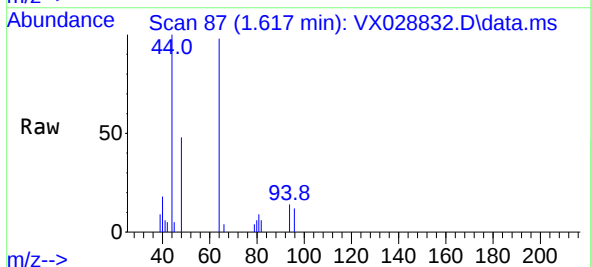
Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion:168 Resp: 313372
Ion Ratio Lower Upper
168 100
99 64.6 41.7 62.5#

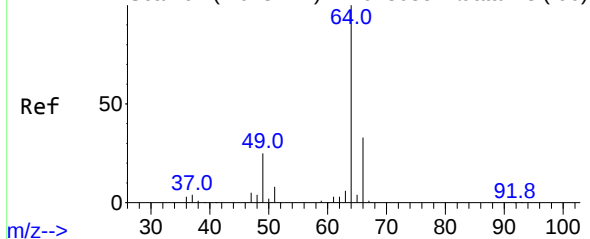


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 85.5 75.3 112.9



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



#6

Chloroethane

Concen: Below Cal

RT: 1.709 min Scan# 102

Delta R.T. 0.031 min

Lab File: VX028832.D

Acq: 19 May 2022 17:52

Instrument :

MSVOA_X

ClientSampleId :

MW-14

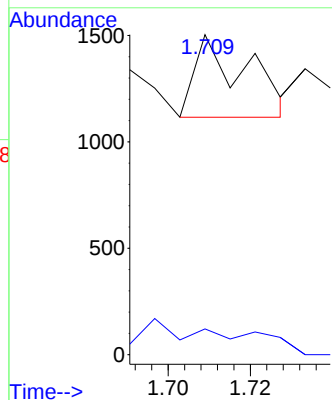
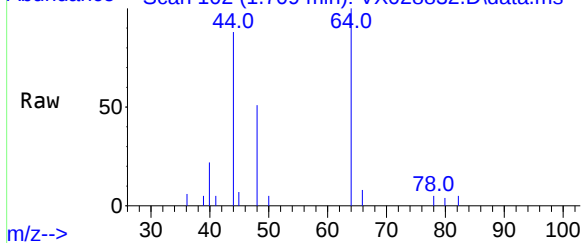
Tgt Ion: 64 Resp: 337

Ion Ratio Lower Upper

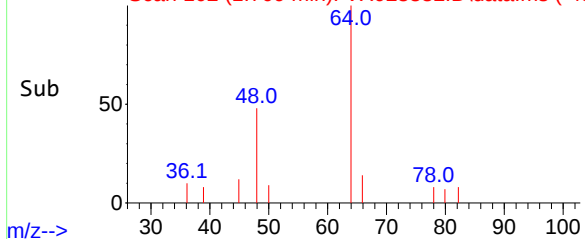
64 100

66 13.4 25.3 37.9#

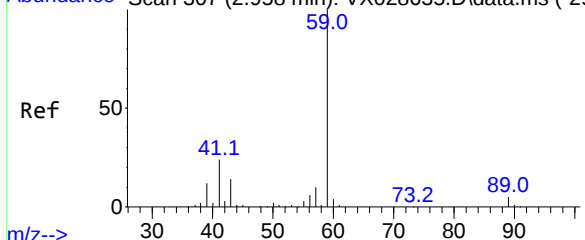
Abundance Scan 102 (1.709 min): VX028832.D\data.ms



Abundance Scan 102 (1.709 min): VX028832.D\data.ms (-48)



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



#11

Tert butyl alcohol

Concen: 0.820 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX028832.D

Acq: 19 May 2022 17:52

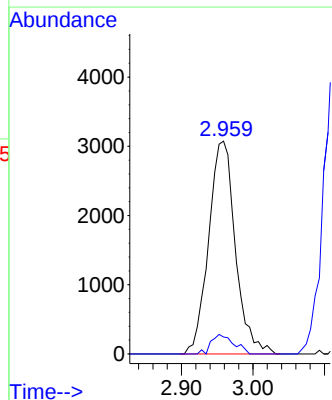
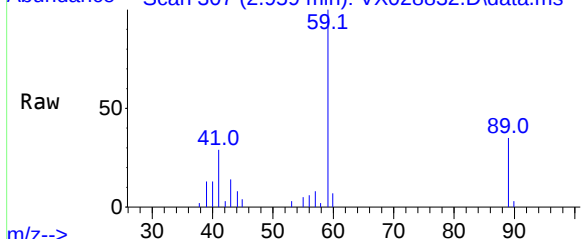
Tgt Ion: 59 Resp: 7997

Ion Ratio Lower Upper

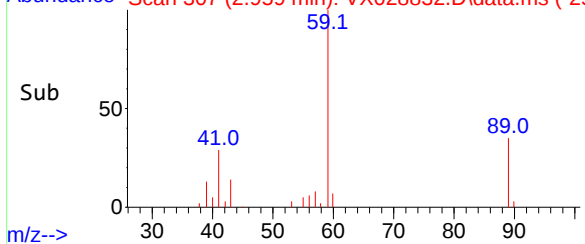
59 100

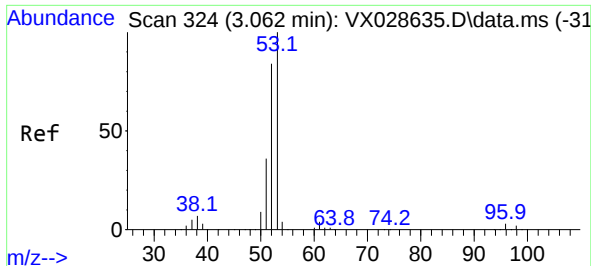
57 7.7 8.3 12.5#

Abundance Scan 307 (2.959 min): VX028832.D\data.ms



Abundance Scan 307 (2.959 min): VX028832.D\data.ms (-25)

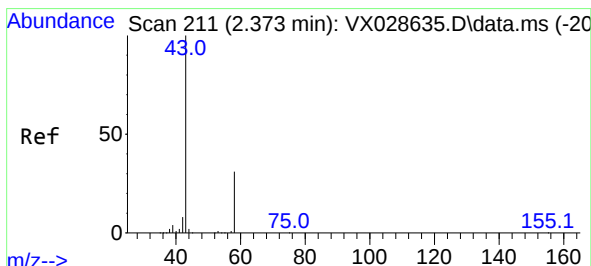
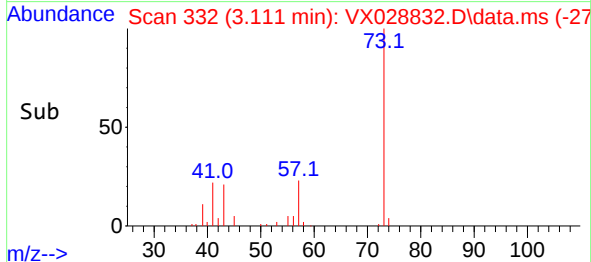
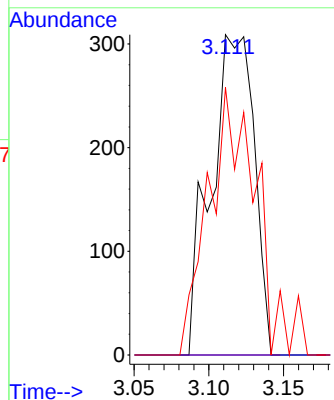
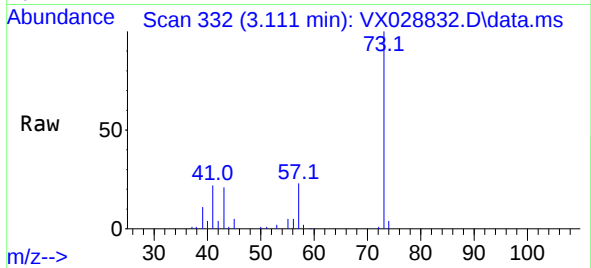




#15
Acrylonitrile
Concen: 0.302 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

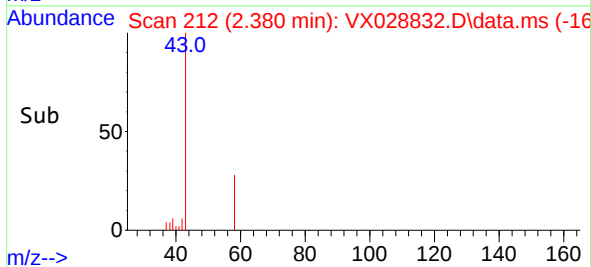
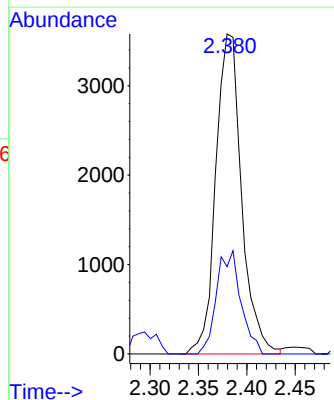
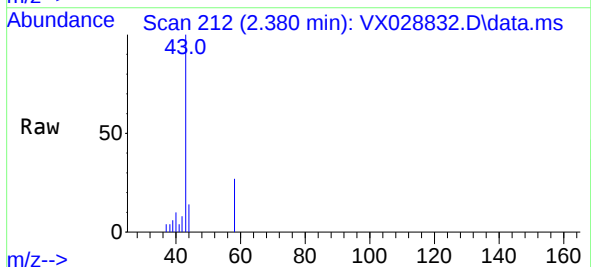
Instrument :
MSVOA_X
ClientSampleId :
MW-14

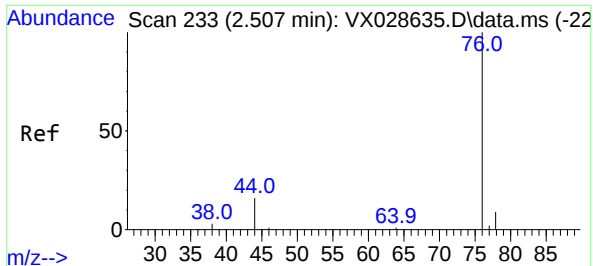
Tgt Ion: 53 Resp: 624
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 92.8 28.4 42.6#



#16
Acetone
Concen: 3.597 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Tgt Ion: 43 Resp: 6632
Ion Ratio Lower Upper
43 100
58 27.3 28.8 43.2#

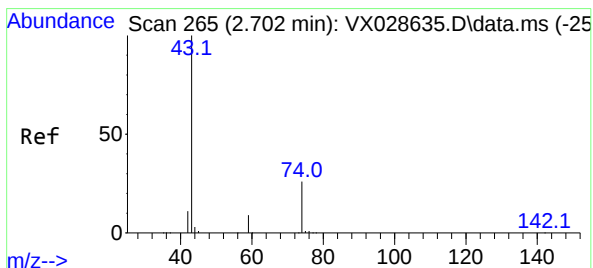
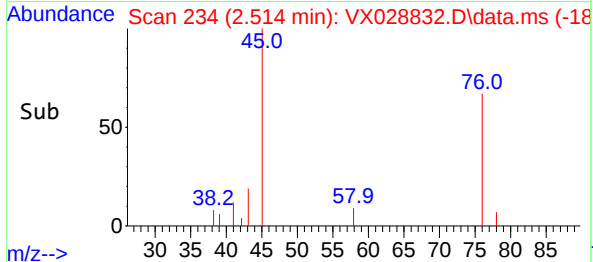
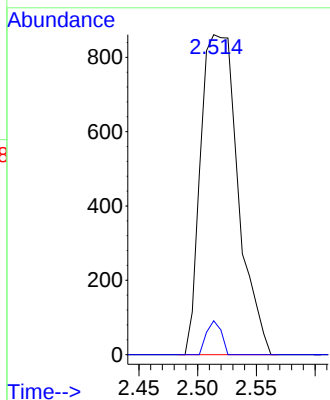
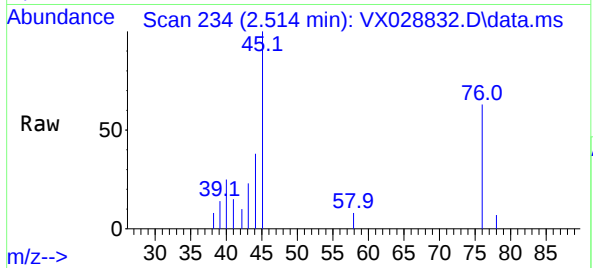




#17
Carbon Disulfide
Concen: 0.227 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

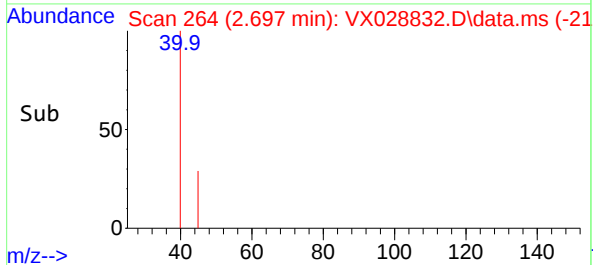
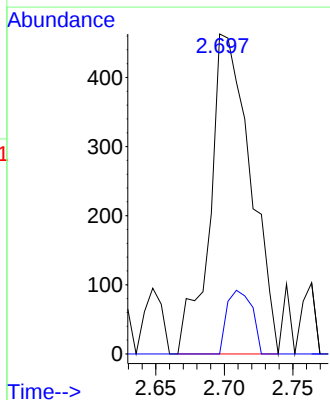
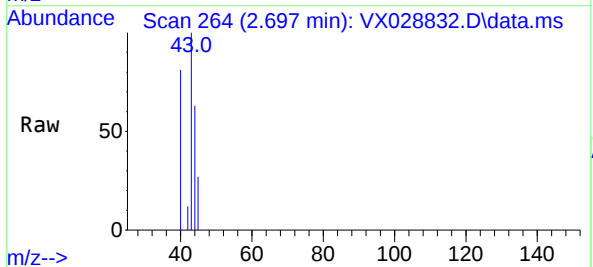
Instrument :
MSVOA_X
ClientSampleId :
MW-14

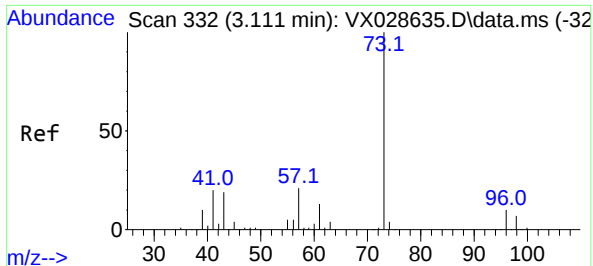
Tgt Ion: 76 Resp: 1908
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8



#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.005 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
74 12.3 22.8 34.2#





#19

Methyl tert-butyl Ether

Concen: 4.080 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX028832.D

Acq: 19 May 2022 17:52

Instrument :

MSVOA_X

ClientSampleId :

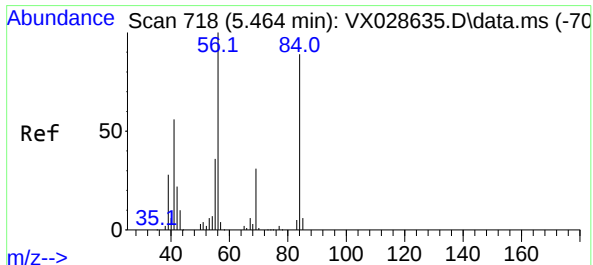
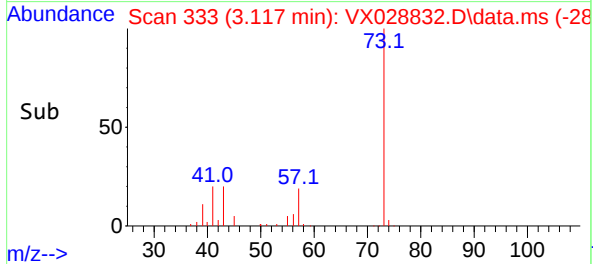
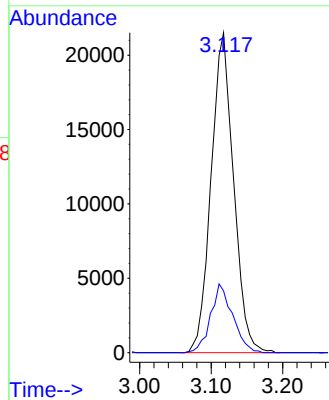
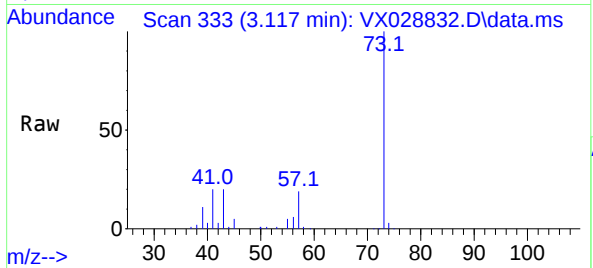
MW-14

Tgt Ion: 73 Resp: 46956

Ion Ratio Lower Upper

73 100

57 19.3 16.8 25.2



#31

Cyclohexane

Concen: 1.179 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028832.D

Acq: 19 May 2022 17:52

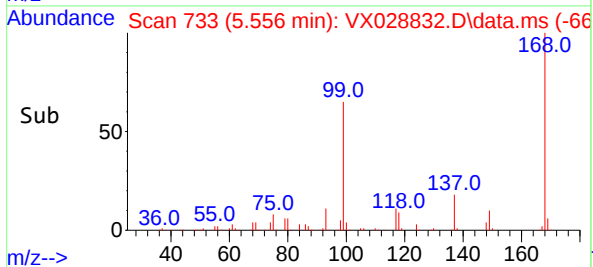
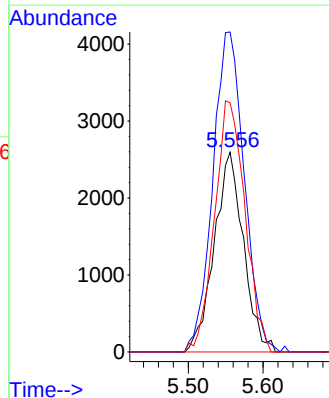
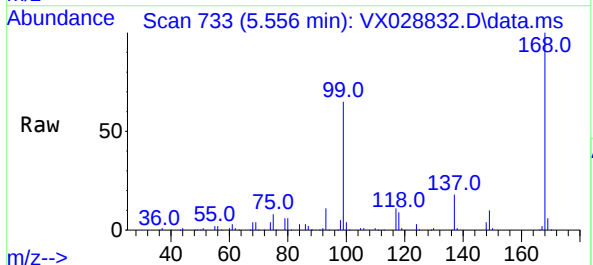
Tgt Ion: 56 Resp: 7029

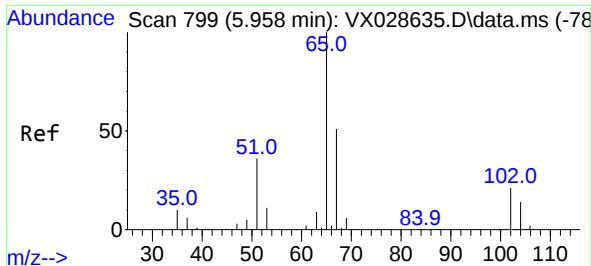
Ion Ratio Lower Upper

56 100

69 160.3 26.7 40.1#

84 124.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 54.424 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028832.D

Acq: 19 May 2022 17:52

Instrument :

MSVOA_X

ClientSampleId :

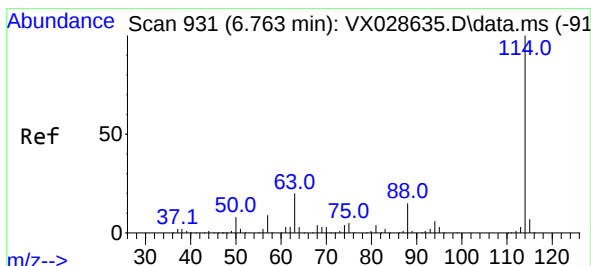
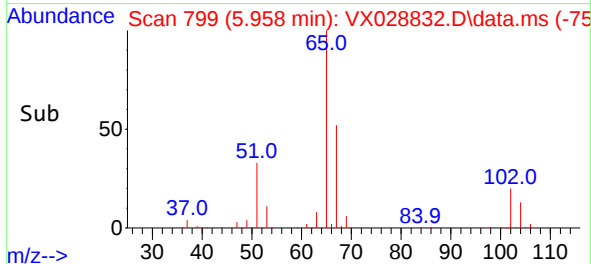
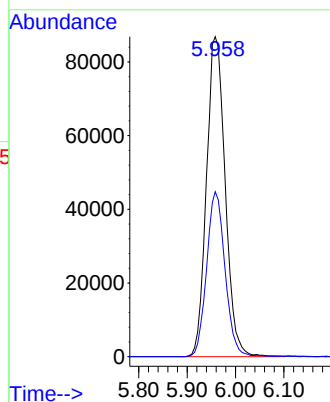
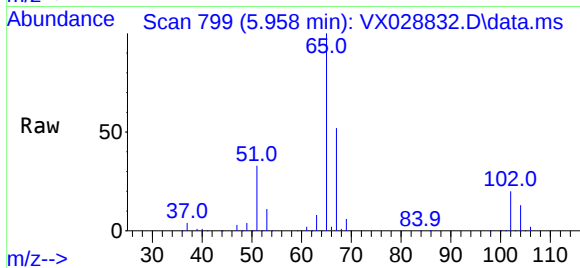
MW-14

Tgt Ion: 65 Resp: 233785

Ion Ratio Lower Upper

65 100

67 50.7 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: VX028832.D

Acq: 19 May 2022 17:52

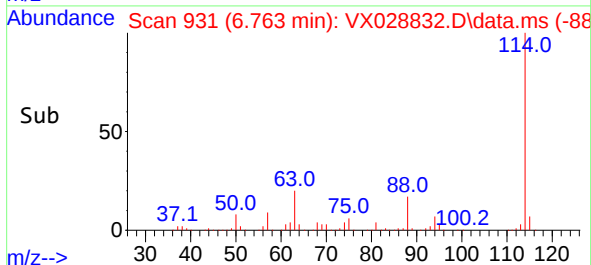
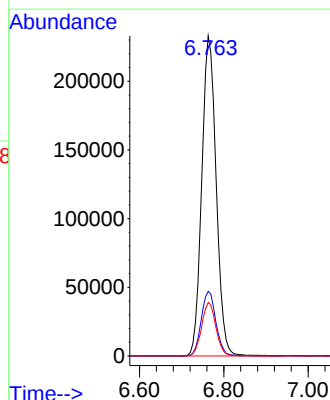
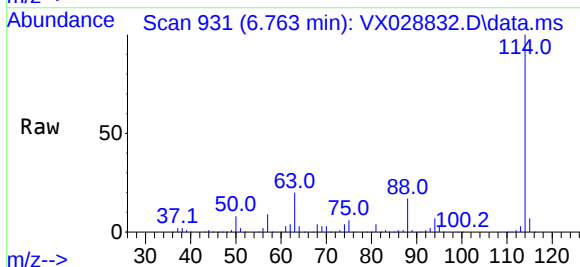
Tgt Ion: 114 Resp: 555397

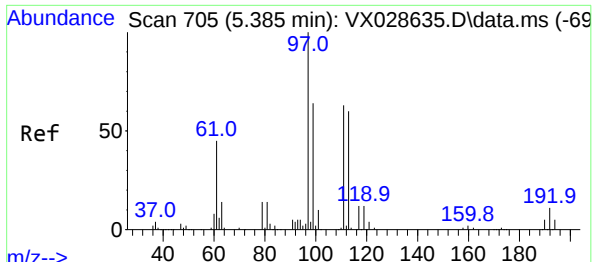
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.7 0.0 32.4

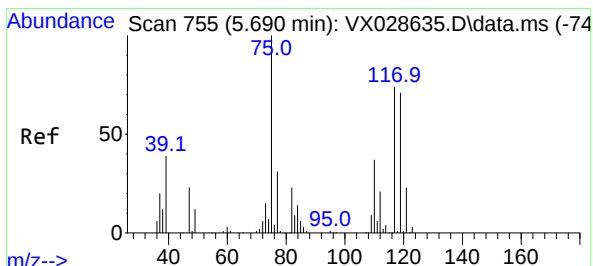
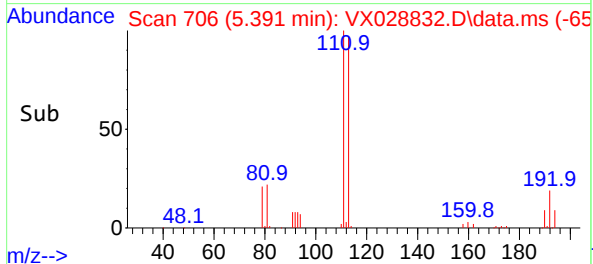
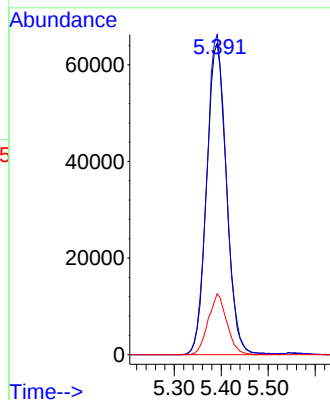
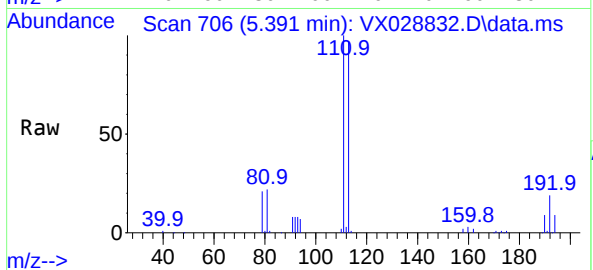




#35
Dibromofluoromethane
Concen: 51.805 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

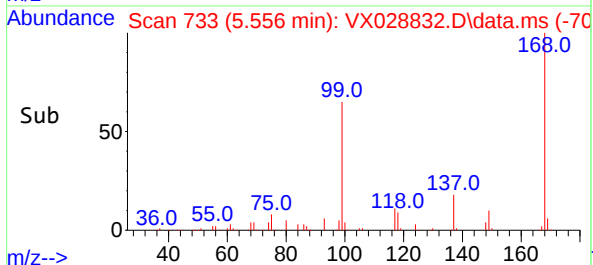
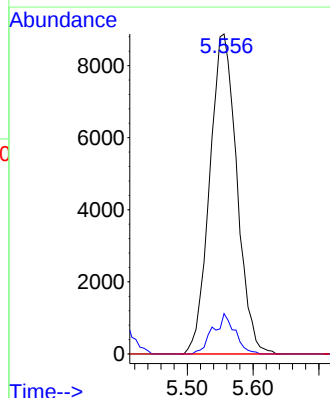
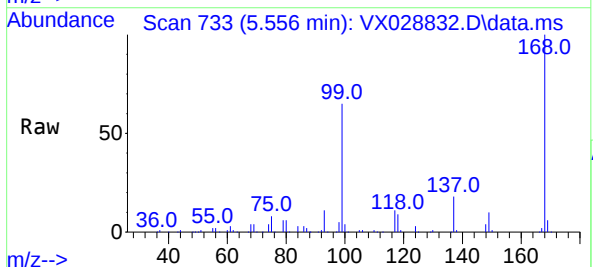
Instrument :
MSVOA_X
ClientSampleId :
MW-14

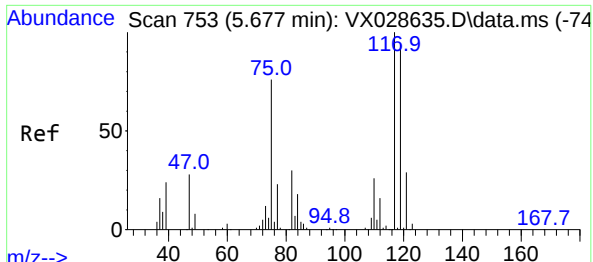
Tgt Ion:113 Resp: 188513
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

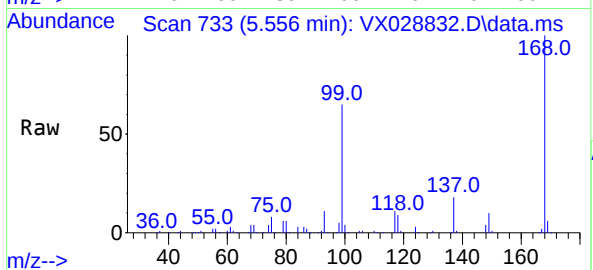
Tgt Ion: 75 Resp: 25532
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



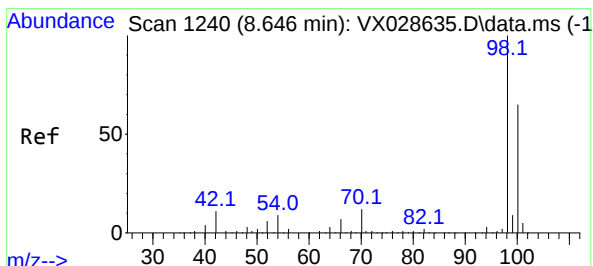
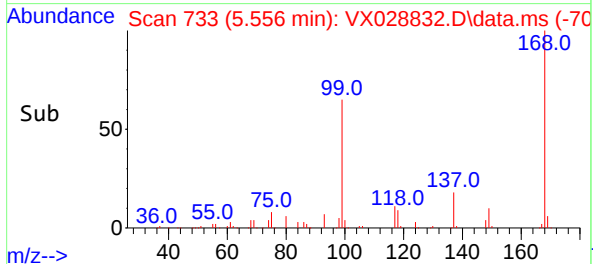
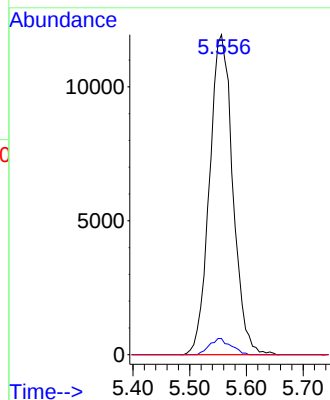


#38
Carbon Tetrachloride
Concen: 6.204 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
MW-14

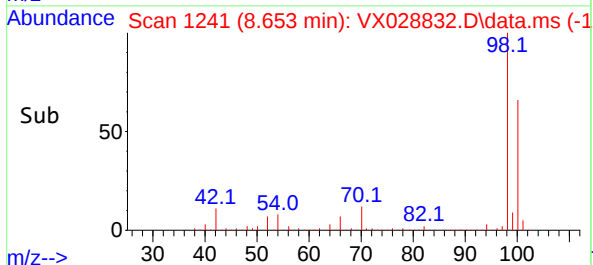
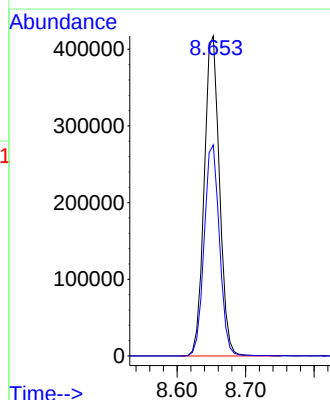
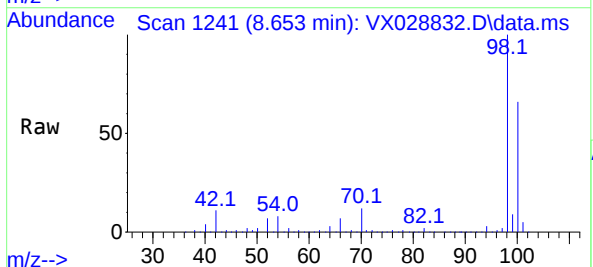


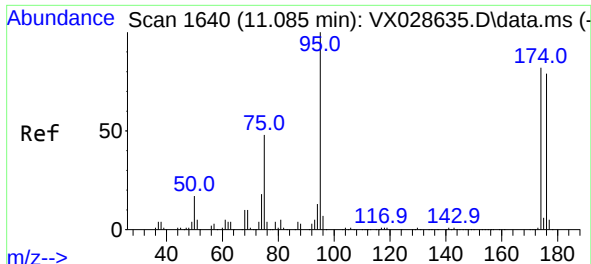
Tgt Ion:117 Resp: 34126
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.242 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Tgt Ion: 98 Resp: 648118
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

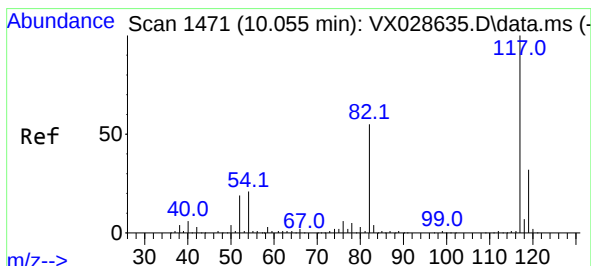
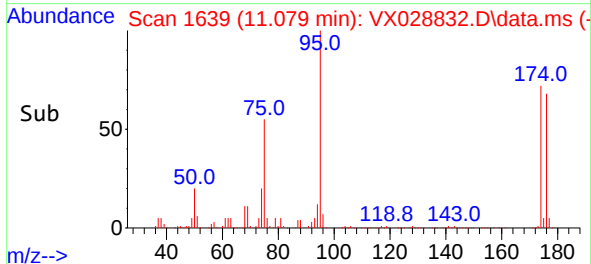
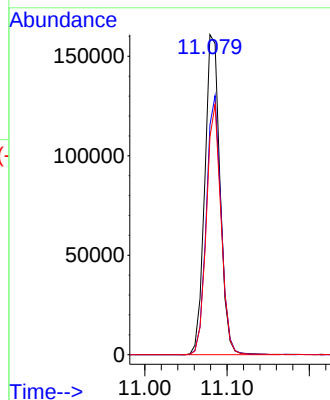
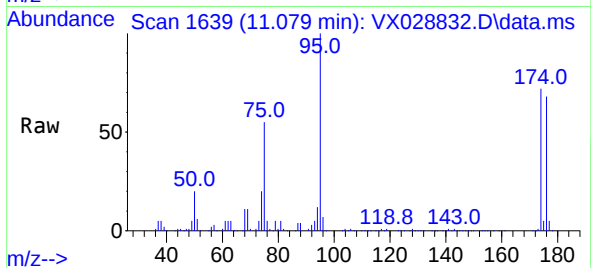




#62
4-Bromofluorobenzene
Concen: 40.343 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

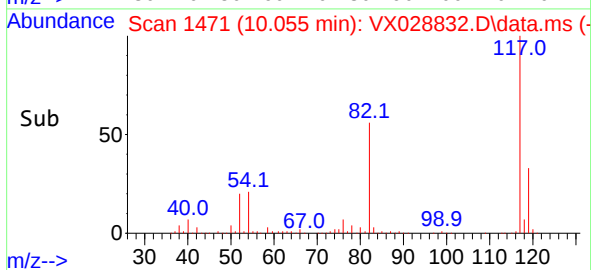
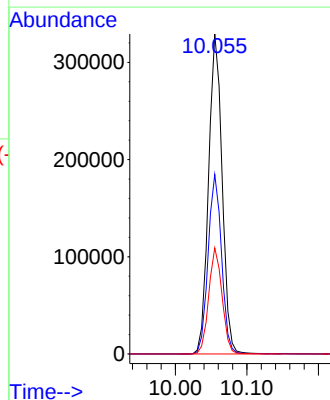
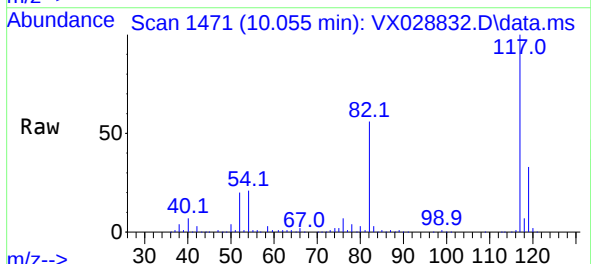
Instrument :
MSVOA_X
ClientSampleId :
MW-14

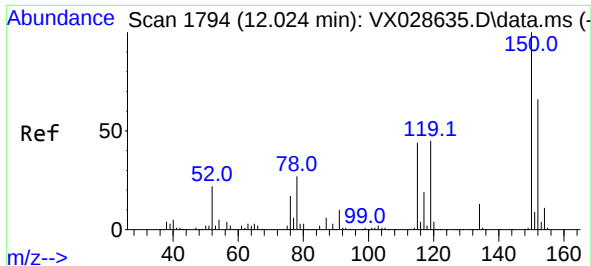
Tgt Ion: 95 Resp: 206727
Ion Ratio Lower Upper
95 100
174 78.4 0.0 163.0
176 75.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Tgt Ion: 117 Resp: 434387
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 33.2 24.8 37.2

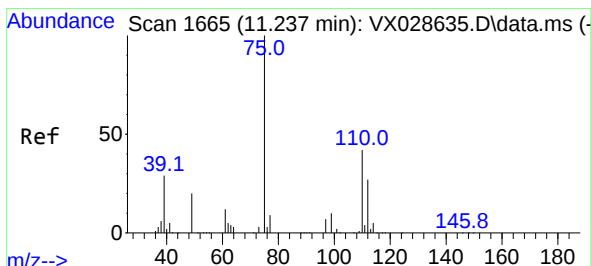
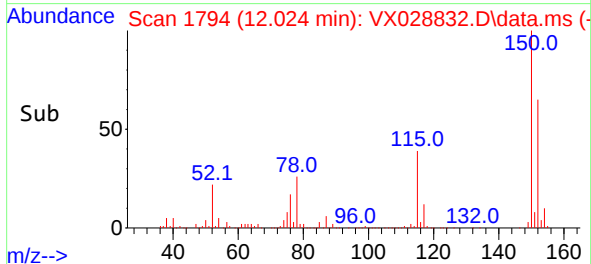
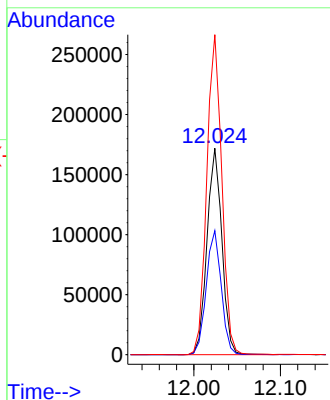
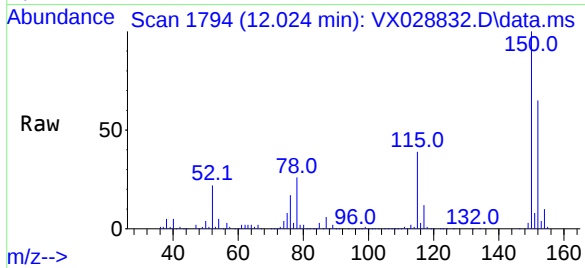




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

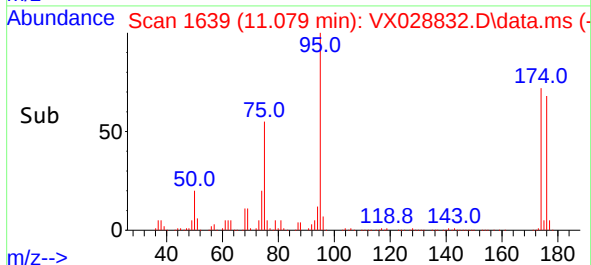
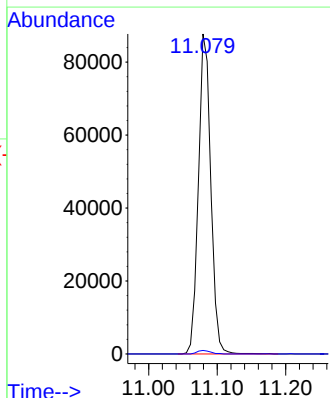
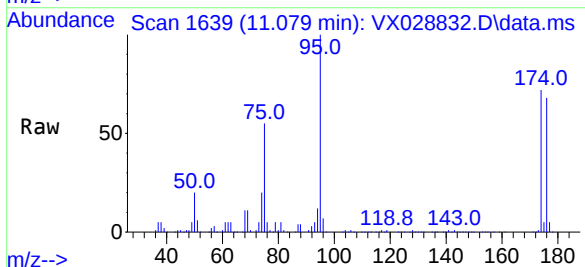
Instrument :
MSVOA_X
ClientSampleId :
MW-14

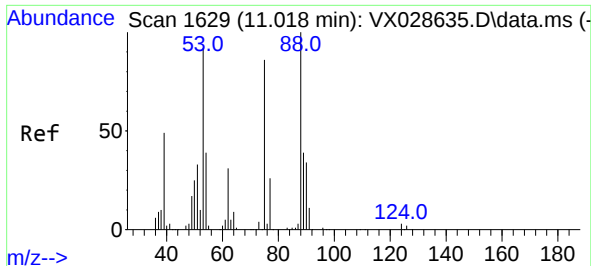
Tgt Ion:152 Resp: 205379
Ion Ratio Lower Upper
152 100
115 60.6 37.5 112.7
150 156.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.927 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

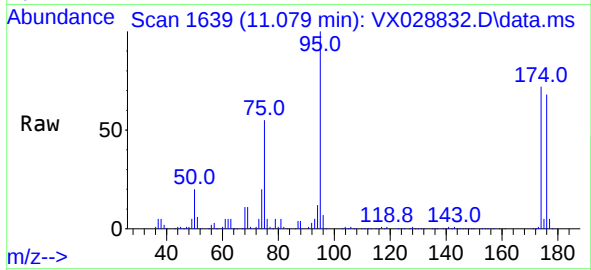
Tgt Ion: 75 Resp: 110273
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.972 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028832.D
Acq: 19 May 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
MW-14



Tgt Ion: 75 Resp: 110273
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

