

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028728.D
 Acq On : 16 May 2022 13:58
 Operator : JC/MD
 Sample : N2862-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: May 17 03:35:42 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)

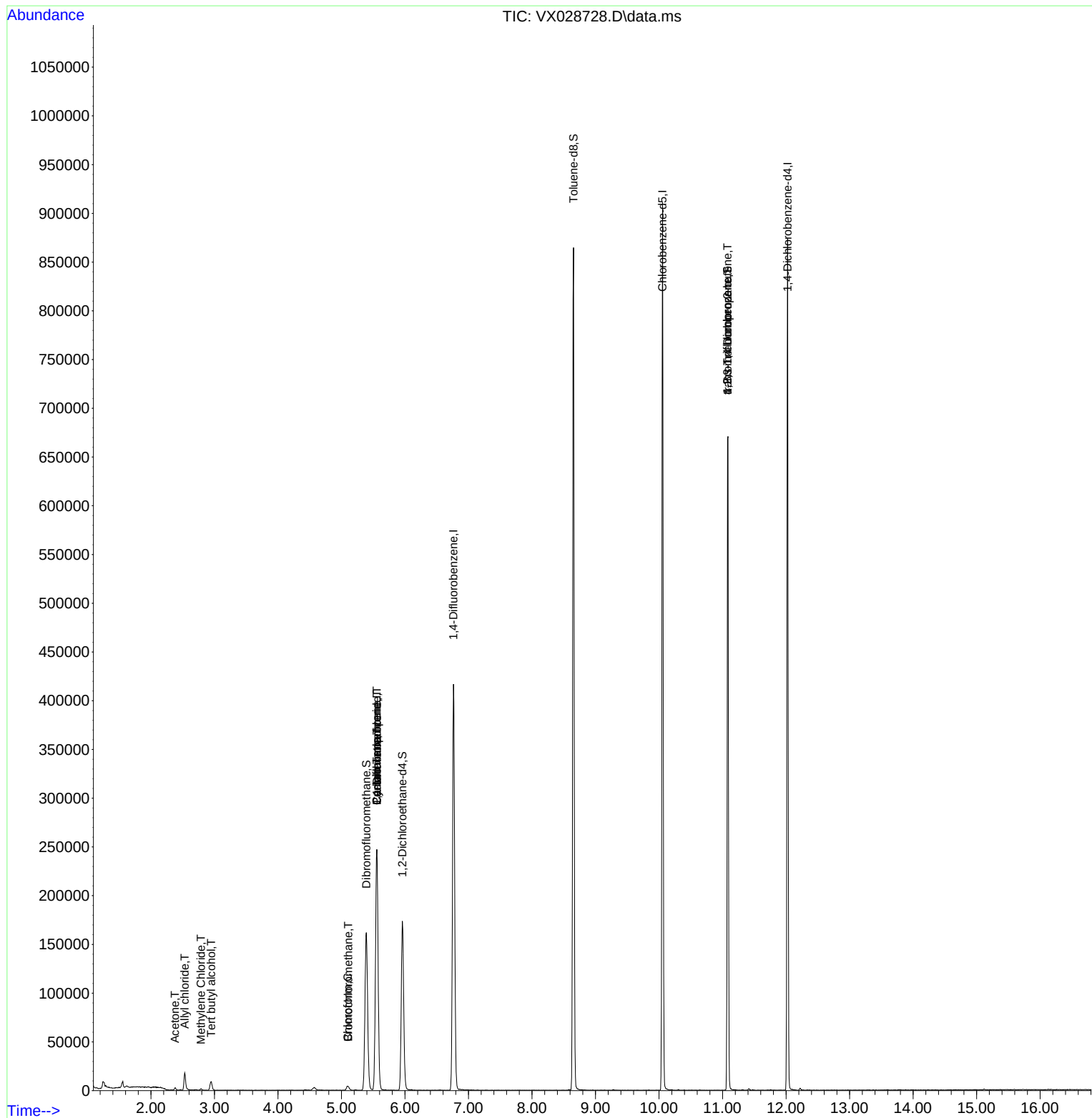
Internal Standards						
1) Pentafluorobenzene	5.556	168	226153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164131	52.945	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.880%	
35) Dibromofluoromethane	5.391	113	139835	51.130	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.260%	
50) Toluene-d8	8.653	98	501034	48.592	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.180%	
62) 4-Bromofluorobenzene	11.079	95	180226	46.797	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.600%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	640	Below Cal		89
6) Chloroethane	1.678	64	270	Below Cal	#	83
11) Tert butyl alcohol	2.946	59	5529	0.439	ug/l #	73
14) Allyl chloride	2.532	41	1842	0.491	ug/l #	55
16) Acetone	2.379	43	2511	1.887	ug/l	91
20) Methylene Chloride	2.788	84	639	0.229	ug/l #	77
28) Bromochloromethane	5.105	49	394	0.201	ug/l #	7
30) Chloroform	5.098	83	5308	1.052	ug/l	97
31) Cyclohexane	5.556	56	5324	1.237	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	18873	4.594	ug/l #	49
38) Carbon Tetrachloride	5.556	117	24625	5.957	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	96432	24.179	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	96432	70.419	ug/l #	15

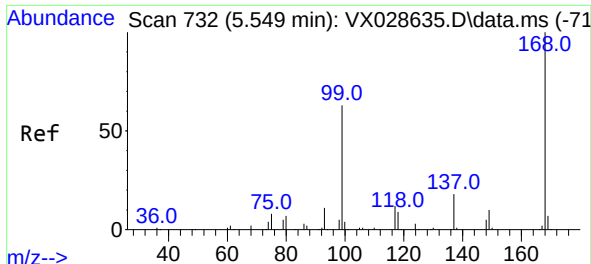
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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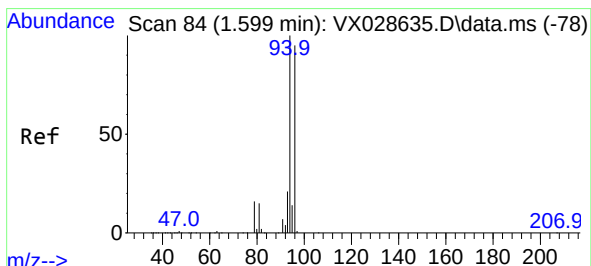
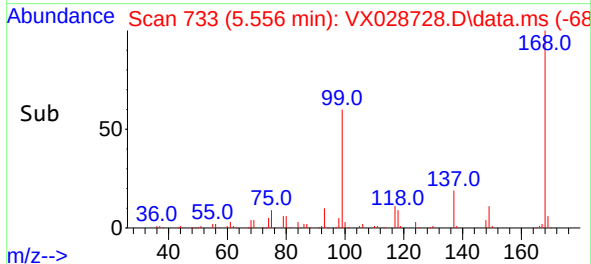
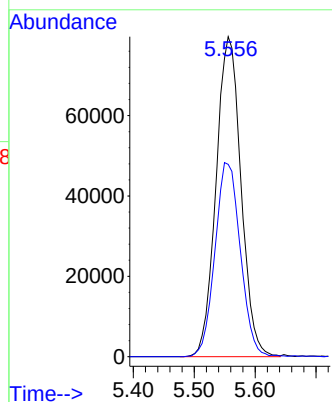
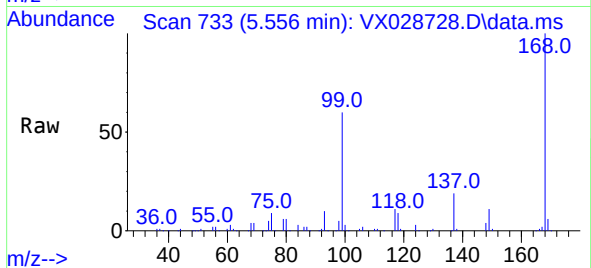




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

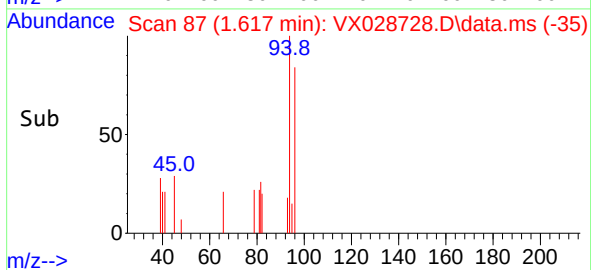
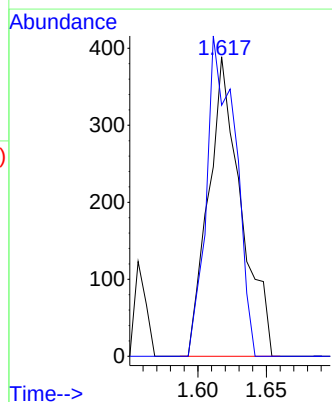
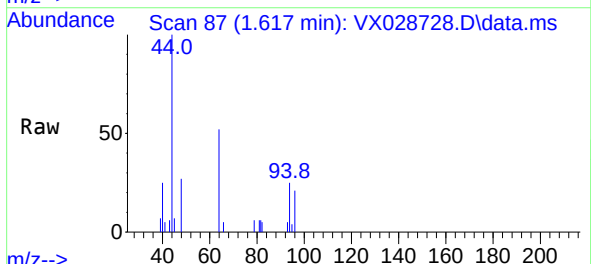
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion:168 Resp: 226153
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5

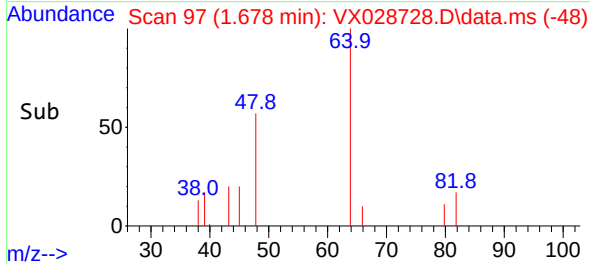
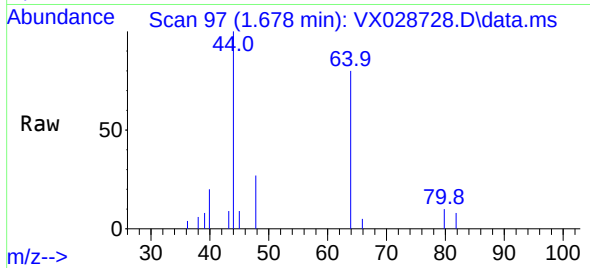
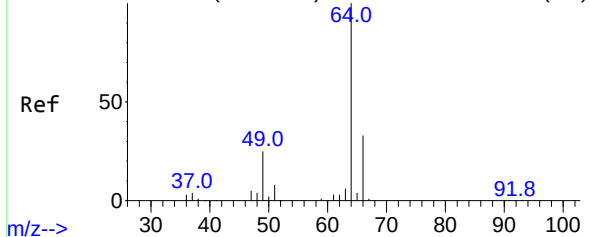


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

Tgt Ion: 94 Resp: 640
Ion Ratio Lower Upper
94 100
96 83.8 75.3 112.9



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



#6

Chloroethane

Concen: Below Cal

RT: 1.678 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX028728.D

Acq: 16 May 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

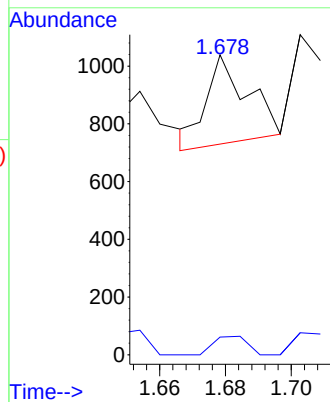
MW-1R

Tgt Ion: 64 Resp: 270

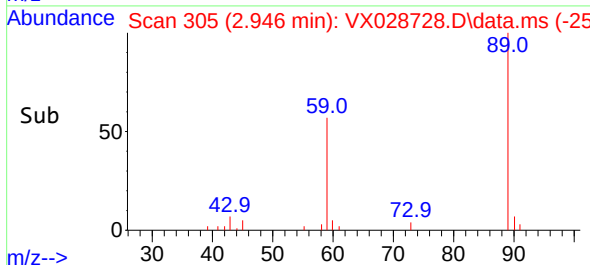
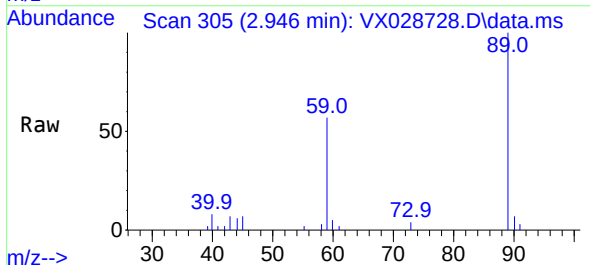
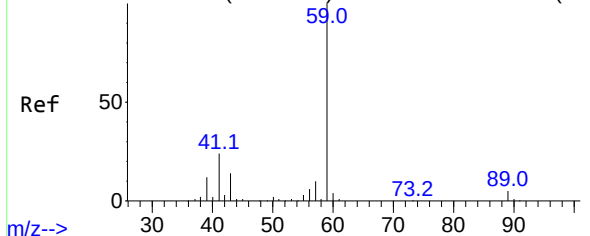
Ion Ratio Lower Upper

64 100

66 22.3 25.3 37.9#



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



#11

Tert butyl alcohol

Concen: 0.439 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.012 min

Lab File: VX028728.D

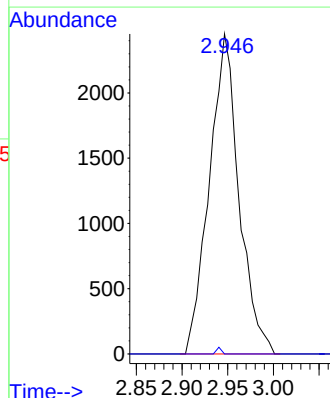
Acq: 16 May 2022 13:58

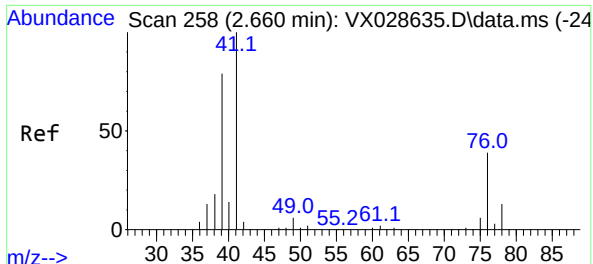
Tgt Ion: 59 Resp: 5529

Ion Ratio Lower Upper

59 100

57 0.3 8.3 12.5#





#14

Allyl chloride

Concen: 0.491 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.128 min

Lab File: VX028728.D

Acq: 16 May 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

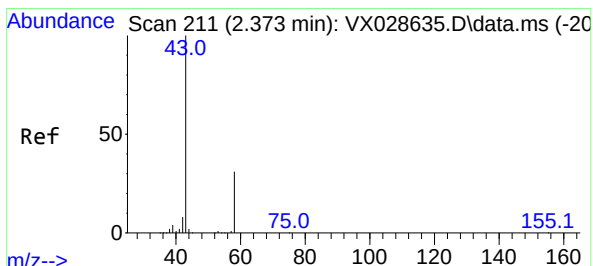
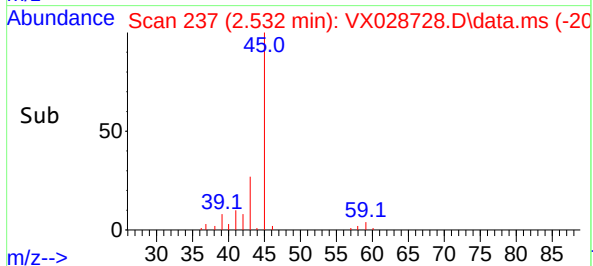
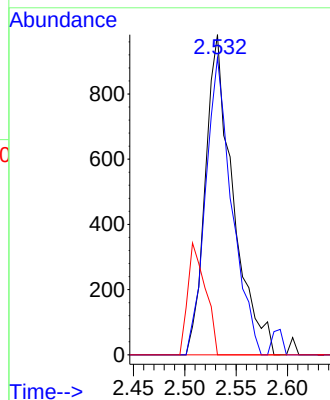
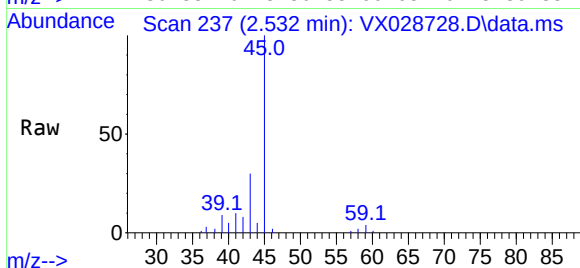
Tgt Ion: 41 Resp: 1842

Ion Ratio Lower Upper

41 100

39 88.1 50.4 75.6#

76 0.0 32.7 49.1#



#16

Acetone

Concen: 1.887 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX028728.D

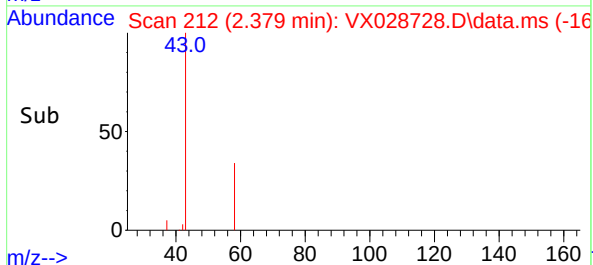
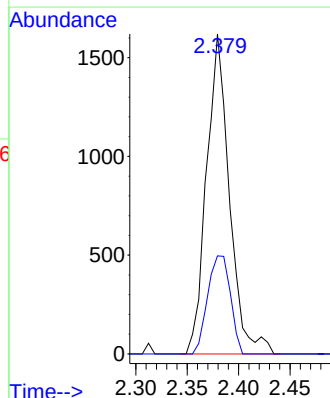
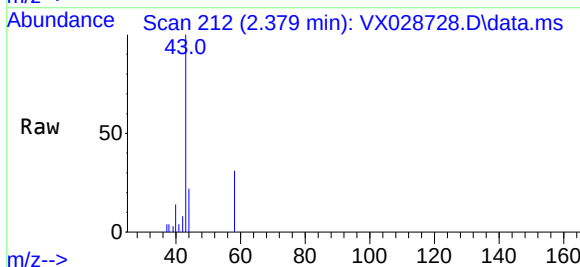
Acq: 16 May 2022 13:58

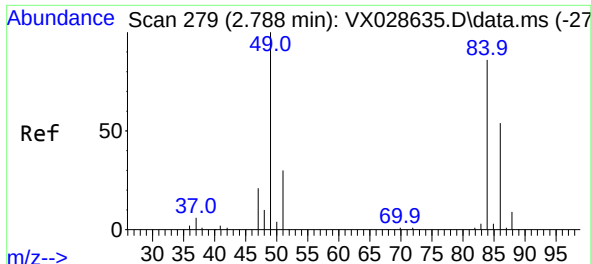
Tgt Ion: 43 Resp: 2511

Ion Ratio Lower Upper

43 100

58 30.6 28.8 43.2





#20

Methylene Chloride

Concen: 0.229 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028728.D

Acq: 16 May 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

Tgt Ion: 84 Resp: 639

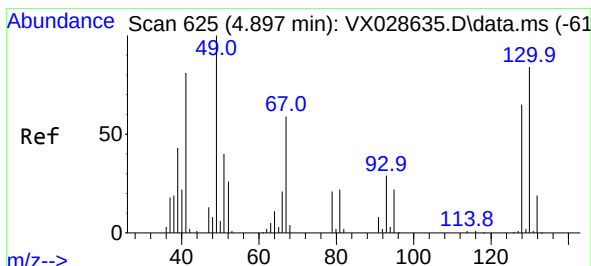
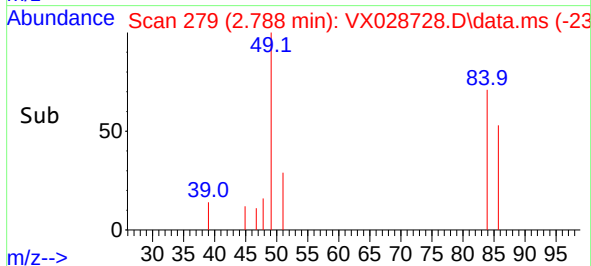
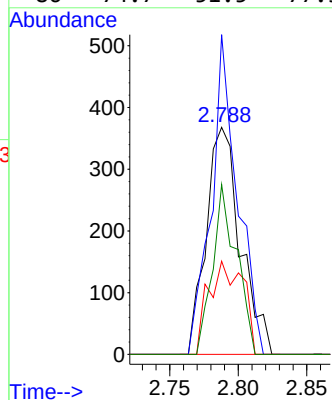
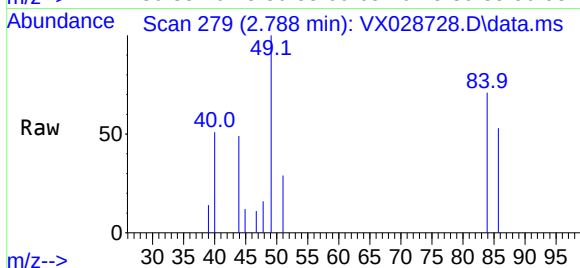
Ion Ratio Lower Upper

84 100

49 140.8 85.5 128.3#

51 41.0 26.6 39.8#

86 74.7 51.5 77.3



#28

Bromochloromethane

Concen: 0.201 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.208 min

Lab File: VX028728.D

Acq: 16 May 2022 13:58

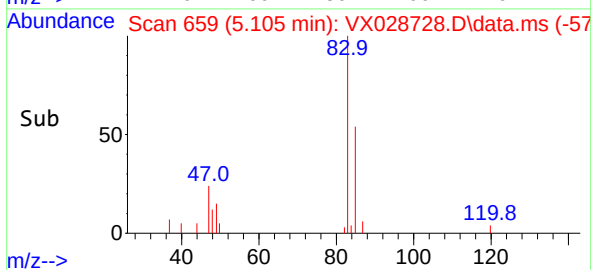
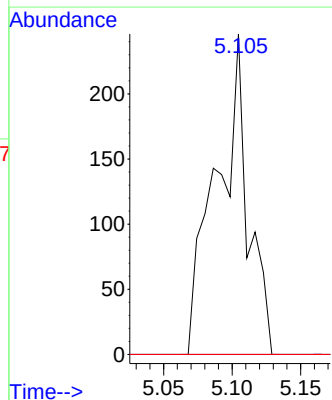
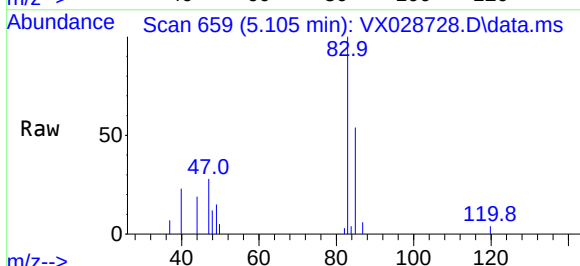
Tgt Ion: 49 Resp: 394

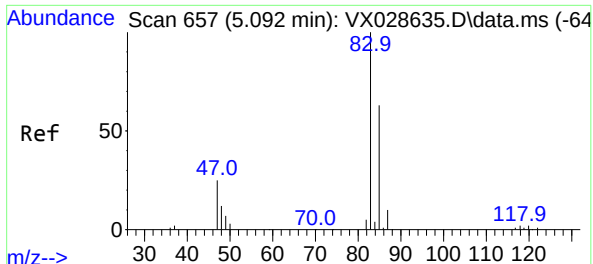
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 0.0 70.7 106.1#





#30

Chloroform

Concen: 1.052 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX028728.D

Acq: 16 May 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

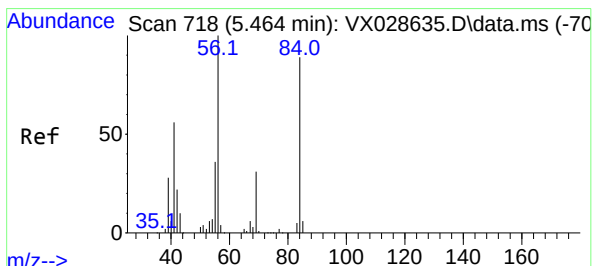
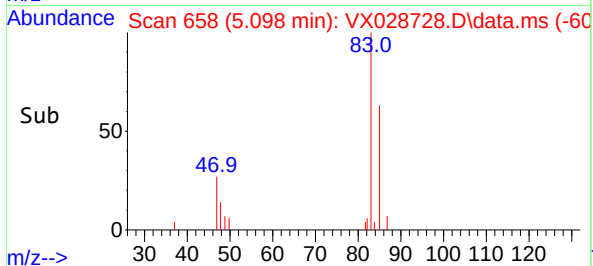
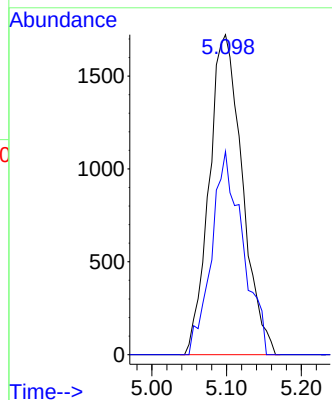
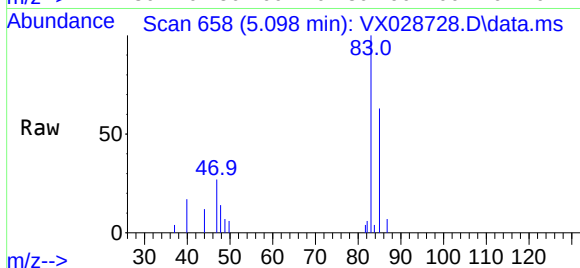
MW-1R

Tgt Ion: 83 Resp: 5308

Ion Ratio Lower Upper

83 100

85 63.5 52.7 79.1



#31

Cyclohexane

Concen: 1.237 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028728.D

Acq: 16 May 2022 13:58

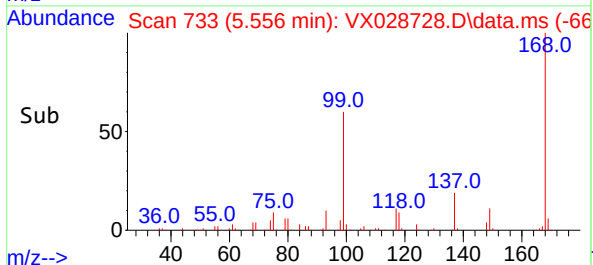
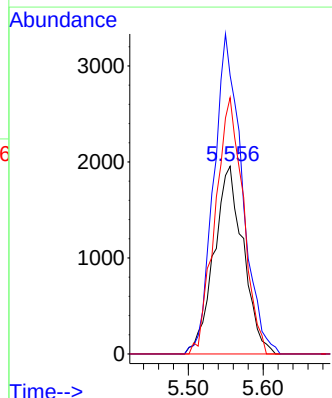
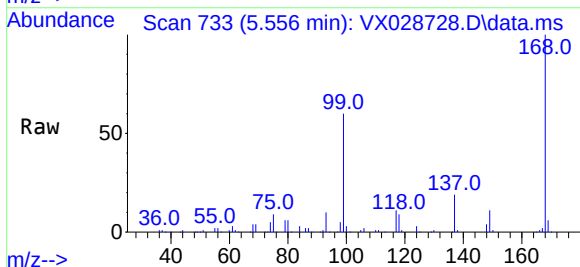
Tgt Ion: 56 Resp: 5324

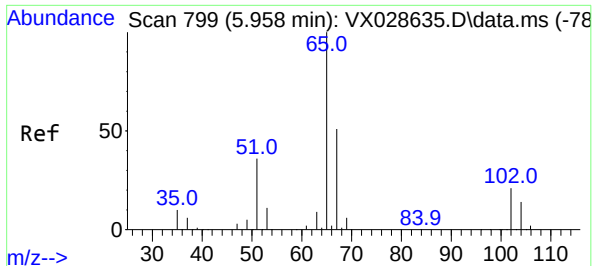
Ion Ratio Lower Upper

56 100

69 148.4 26.7 40.1#

84 136.5 77.2 115.8#

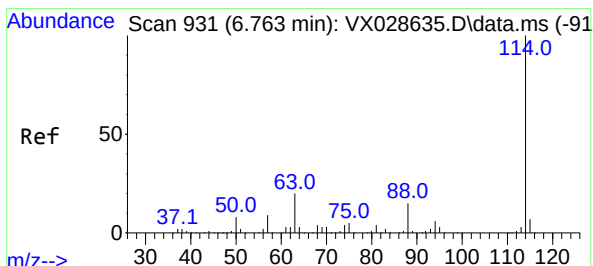
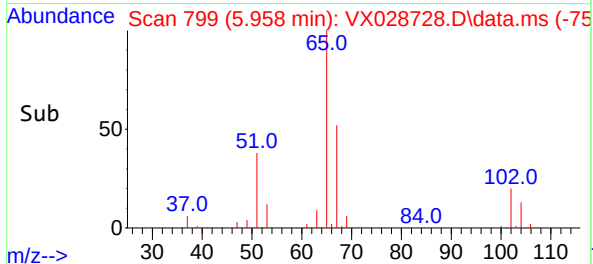
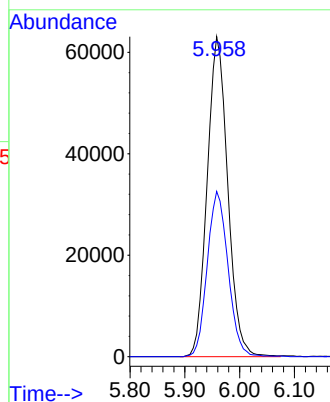
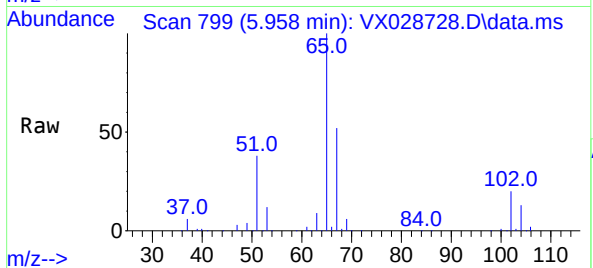




#33
1,2-Dichloroethane-d4
Concen: 52.945 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

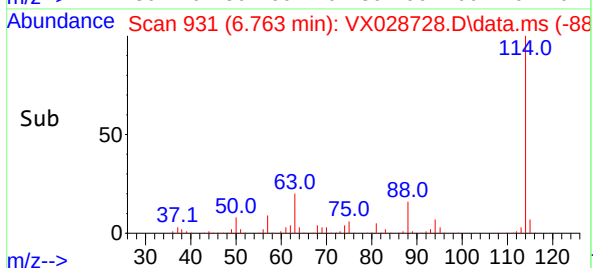
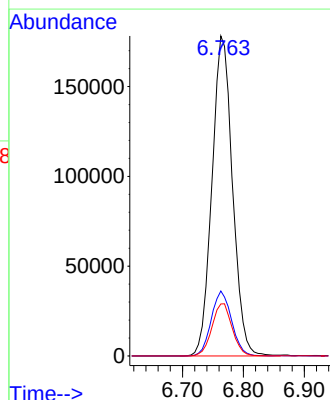
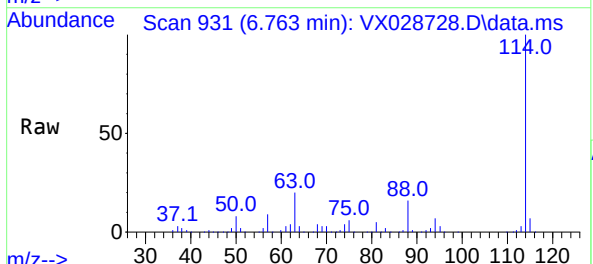
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

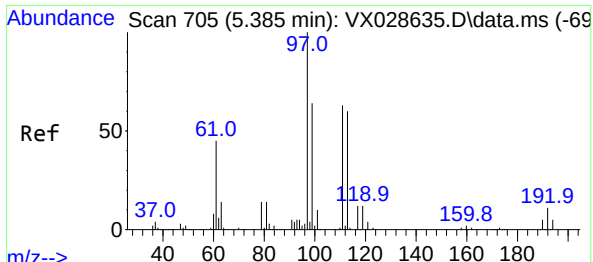
Tgt Ion: 65 Resp: 164131
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

Tgt Ion: 114 Resp: 417423
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.130 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028728.D

Acq: 16 May 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

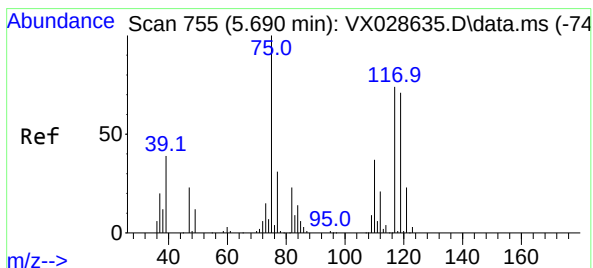
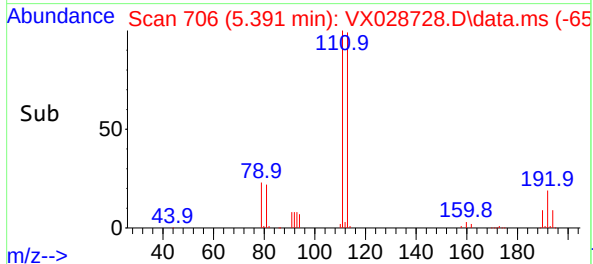
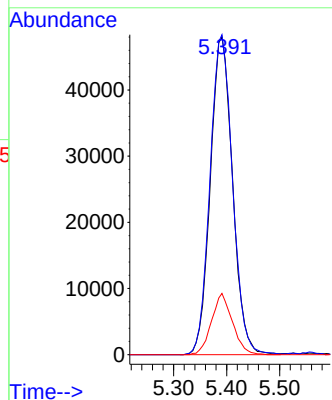
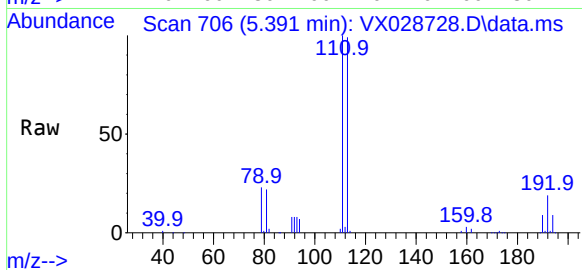
Tgt Ion:113 Resp: 139835

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 18.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.594 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028728.D

Acq: 16 May 2022 13:58

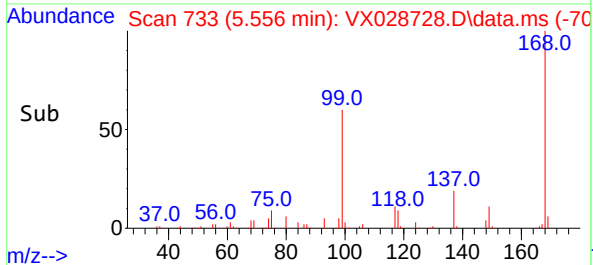
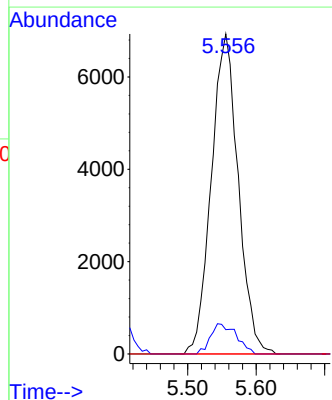
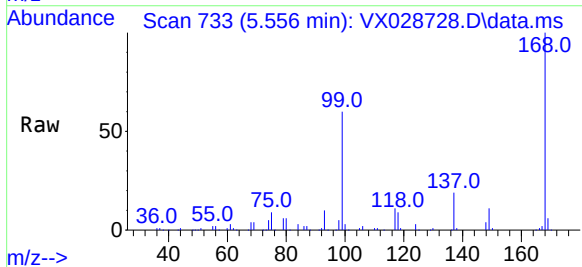
Tgt Ion: 75 Resp: 18873

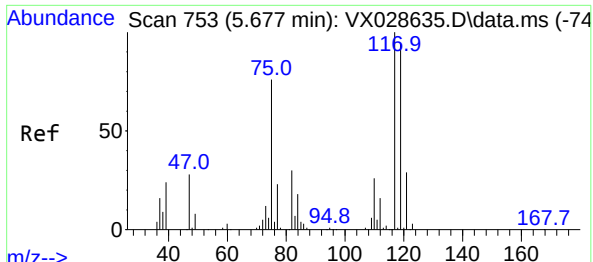
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

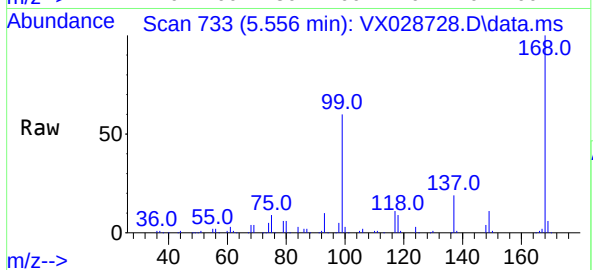
77 0.0 24.8 37.2#



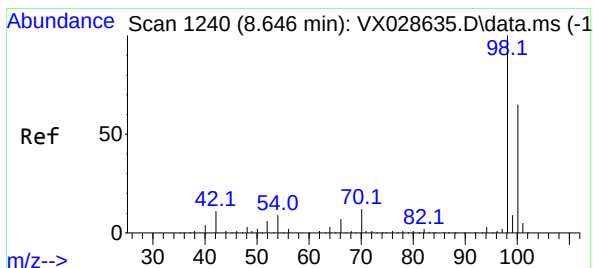
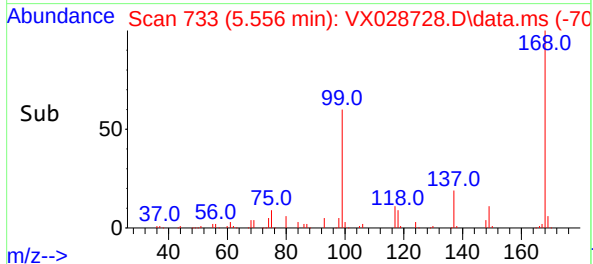
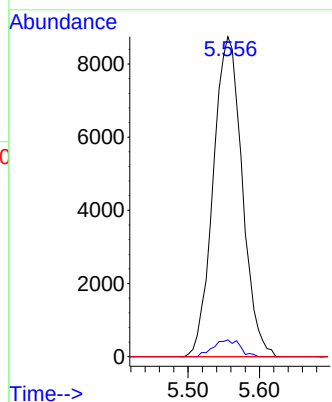


#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

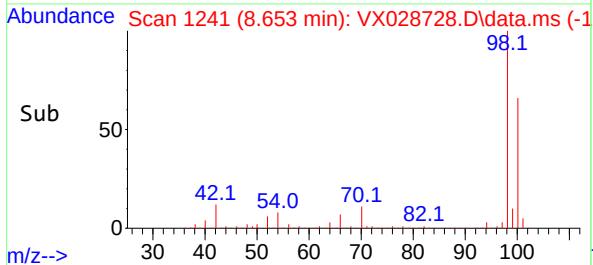
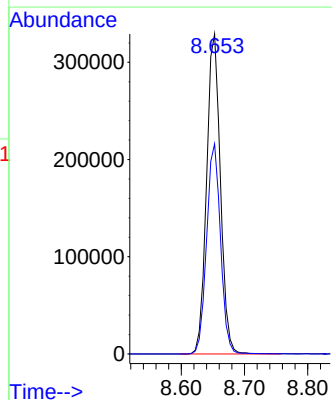
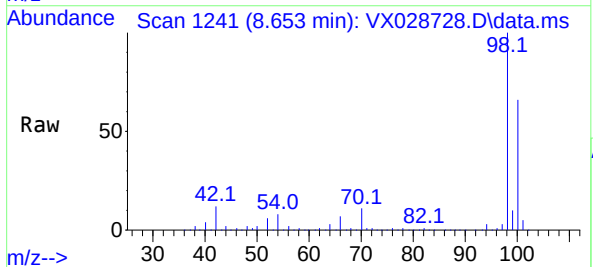


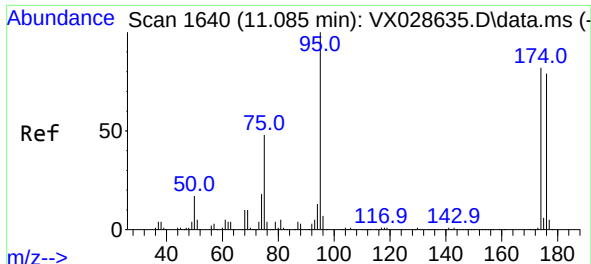
Tgt Ion:117 Resp: 24625
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.592 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

Tgt Ion: 98 Resp: 501034
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

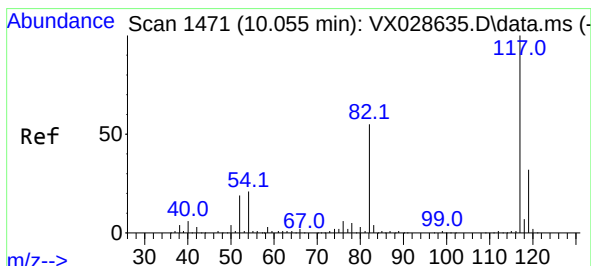
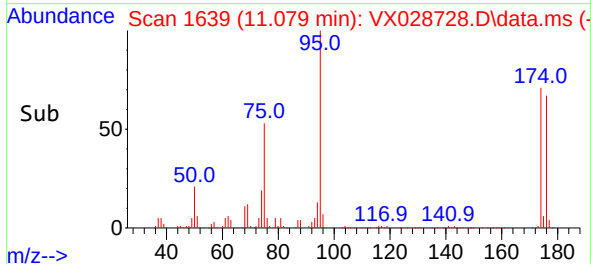
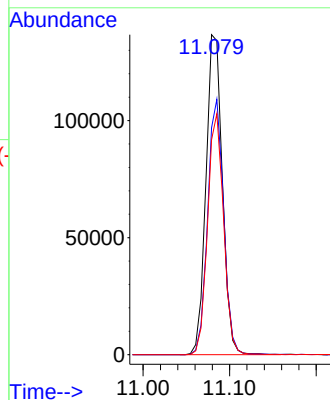
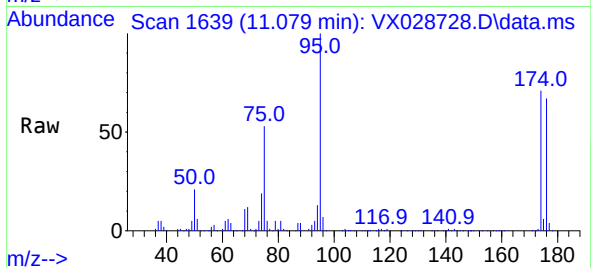




#62
4-Bromofluorobenzene
Concen: 46.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

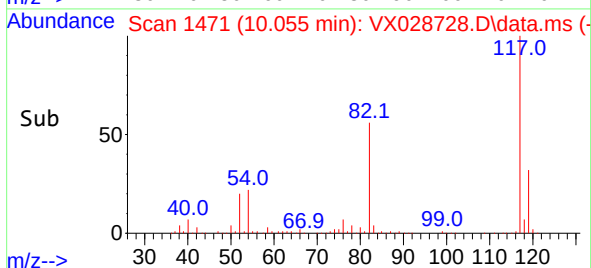
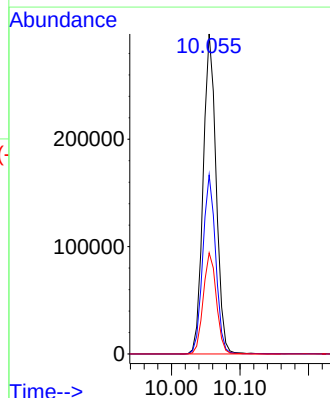
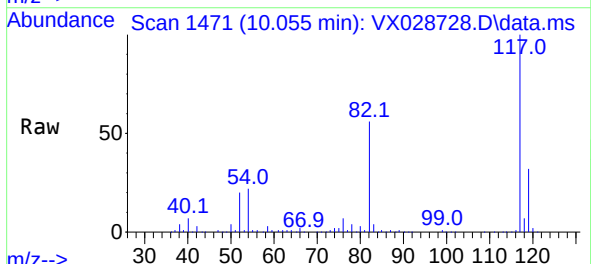
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

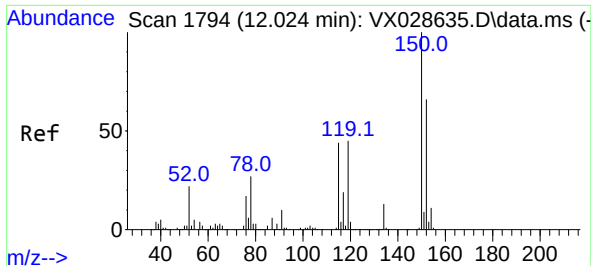
Tgt Ion: 95 Resp: 180226
Ion Ratio Lower Upper
95 100
174 77.8 0.0 163.0
176 73.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

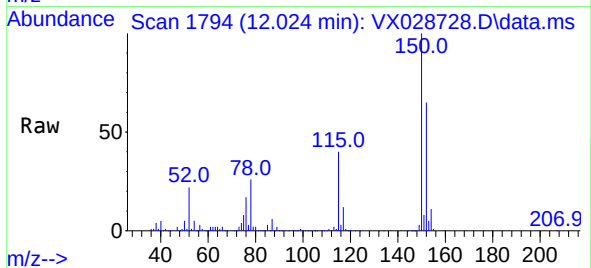
Tgt Ion: 117 Resp: 393620
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 31.6 24.8 37.2



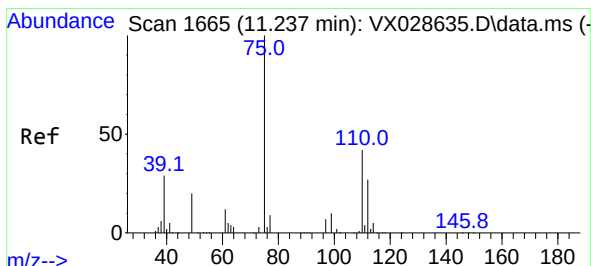
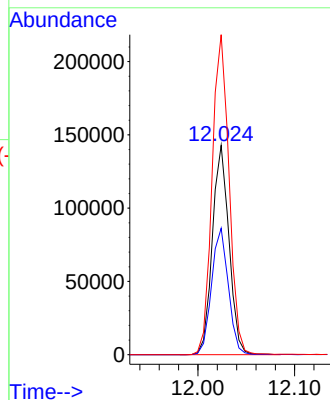
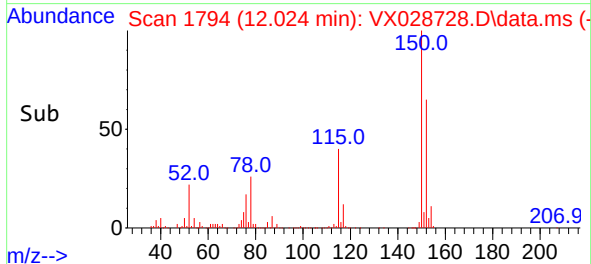


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

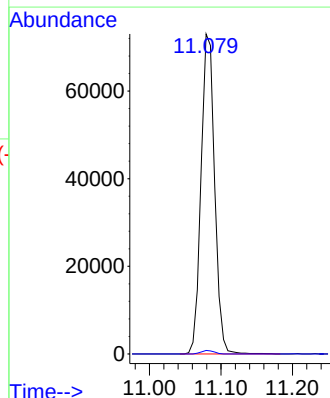
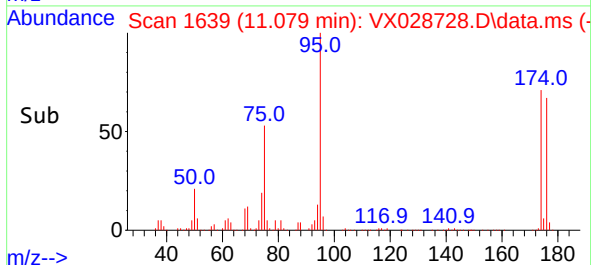
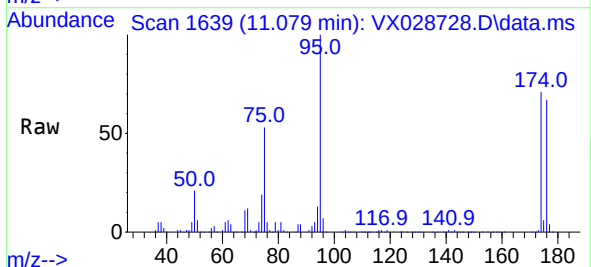


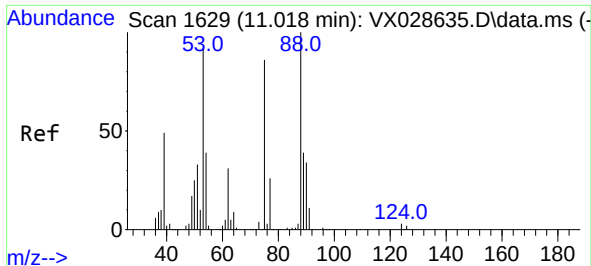
Tgt Ion:152 Resp: 170300
Ion Ratio Lower Upper
152 100
115 61.0 37.5 112.7
150 156.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

Tgt Ion: 75 Resp: 96432
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.419 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028728.D
Acq: 16 May 2022 13:58

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion: 75 Resp: 96432
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

