

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028852.D
 Acq On : 20 May 2022 15:46
 Operator : JC/MD
 Sample : N2943-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41

Quant Time: May 20 23:29:40 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)

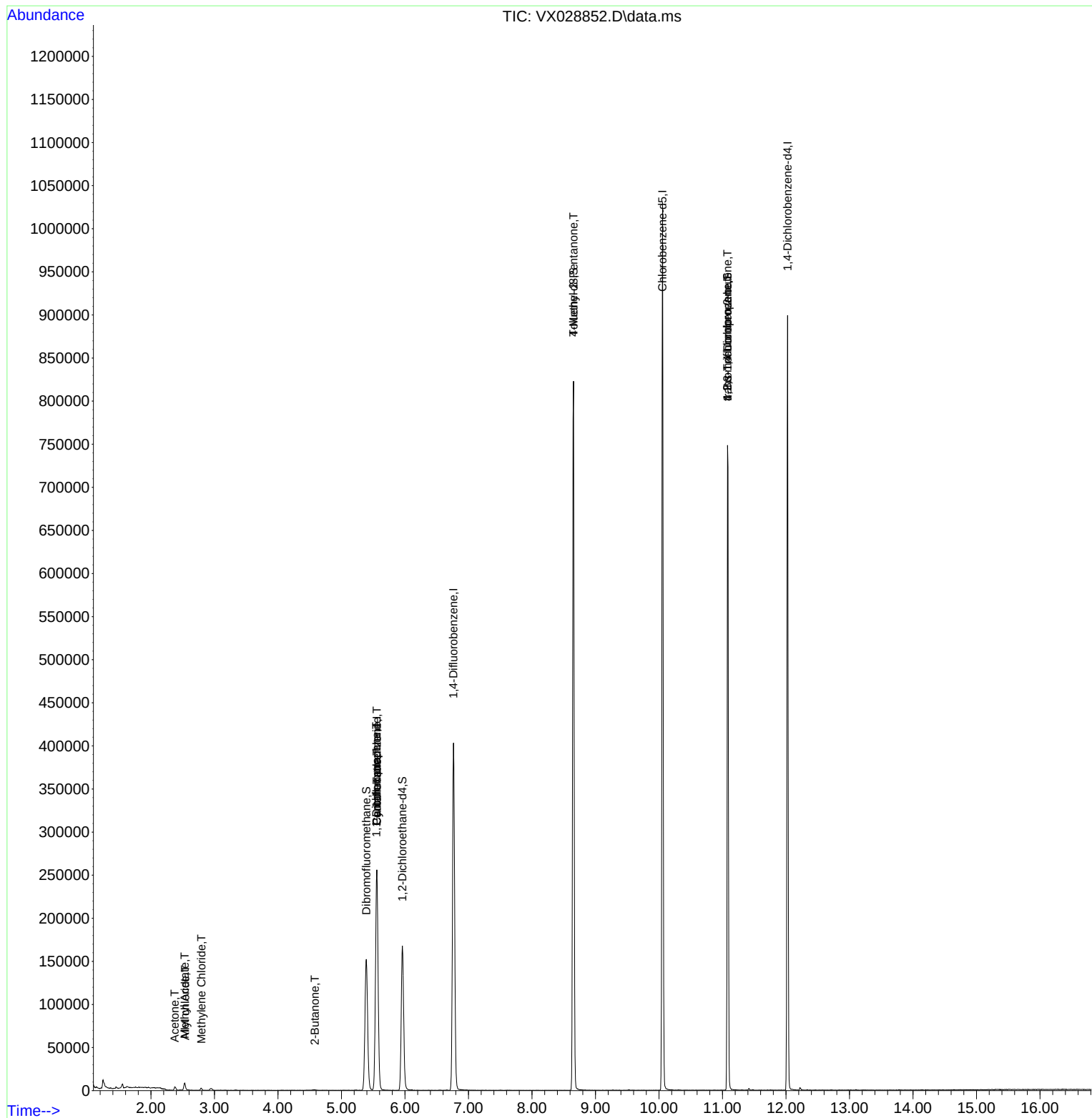
Internal Standards						
1) Pentafluorobenzene	5.556	168	232172	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	409430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	444012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160316	50.374	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.740%	
35) Dibromofluoromethane	5.391	113	131936	49.183	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.360%	
50) Toluene-d8	8.653	98	489176	48.368	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.740%	
62) 4-Bromofluorobenzene	11.079	95	205587	54.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.840%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	624	Below Cal	#	78
6) Chloroethane	1.709	64	423	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	1578	Below Cal	#	72
14) Allyl chloride	2.538	41	897	0.233	ug/l #	55
16) Acetone	2.374	43	4353	3.187	ug/l	89
18) Methyl Acetate	2.532	43	2911	0.851	ug/l #	46
20) Methylene Chloride	2.794	84	1095	0.382	ug/l #	88
25) 2-Butanone	4.581	43	468	0.218	ug/l #	44
31) Cyclohexane	5.556	56	5548	1.256	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	20140	4.999	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24819	6.121	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2183	0.503	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	107203	26.122	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	107203	75.766	ug/l #	15

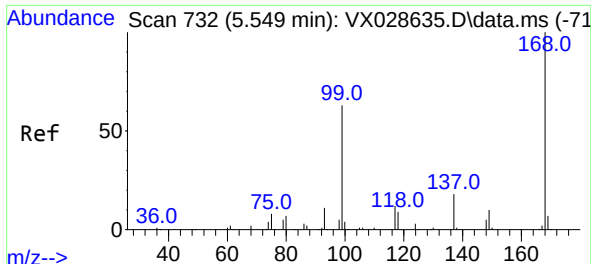
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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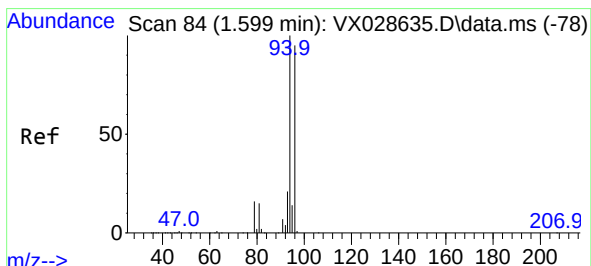
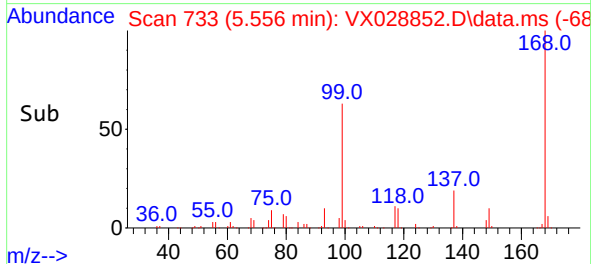
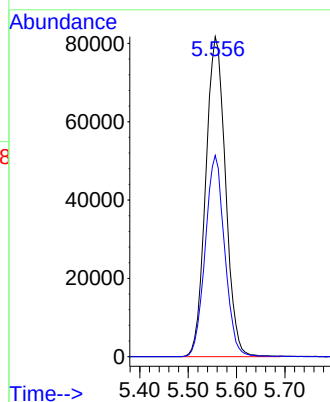
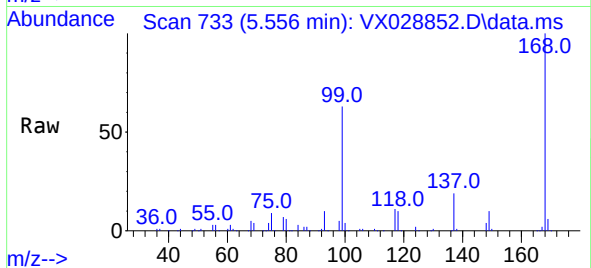




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

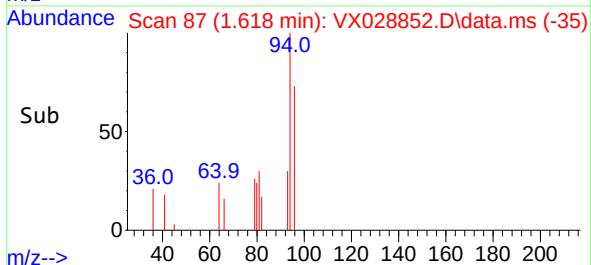
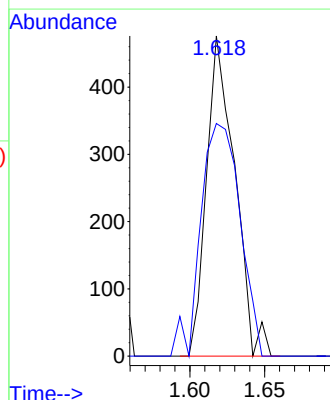
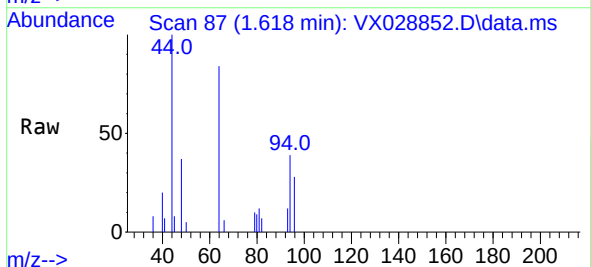
Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion:168 Resp: 232172
Ion Ratio Lower Upper
168 100
99 62.9 41.7 62.5#

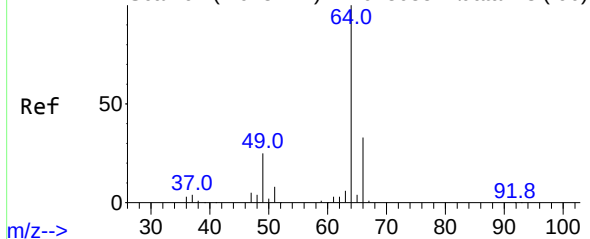


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

Tgt Ion: 94 Resp: 624
Ion Ratio Lower Upper
94 100
96 72.7 75.3 112.9#



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

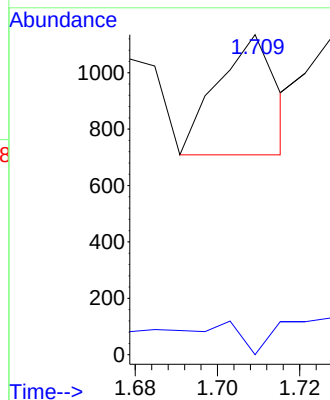
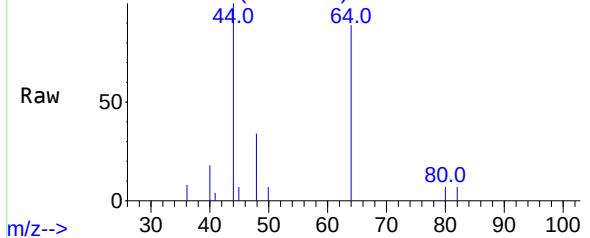


#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.031 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

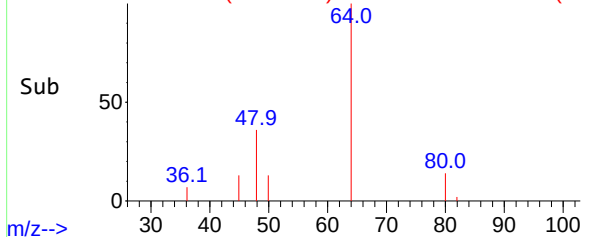
Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion: 64 Resp: 423
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

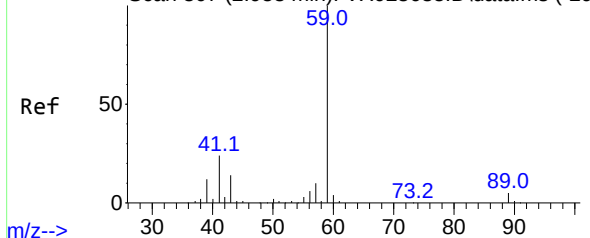
Abundance Scan 102 (1.709 min): VX028852.D\data.ms



Abundance Scan 102 (1.709 min): VX028852.D\data.ms (-48)



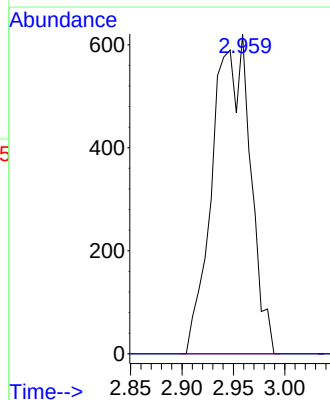
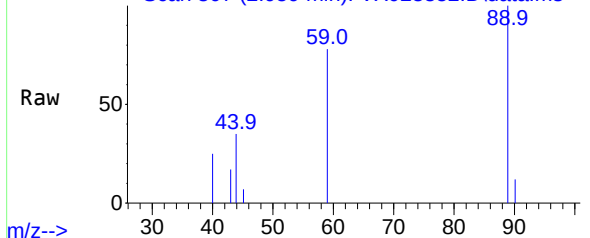
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



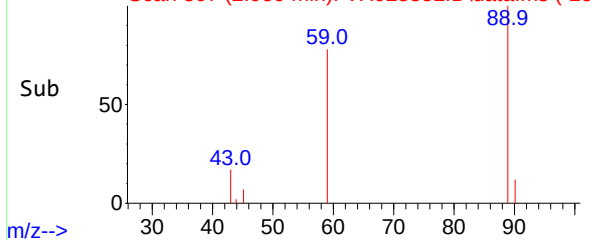
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

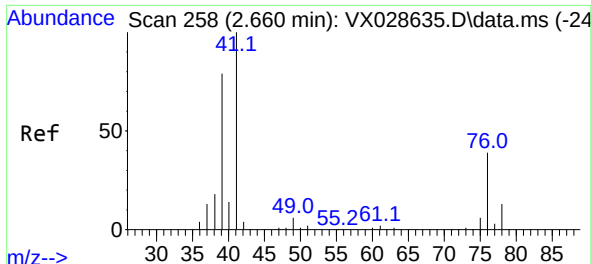
Tgt Ion: 59 Resp: 1578
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

Abundance Scan 307 (2.959 min): VX028852.D\data.ms



Abundance Scan 307 (2.959 min): VX028852.D\data.ms (-25)

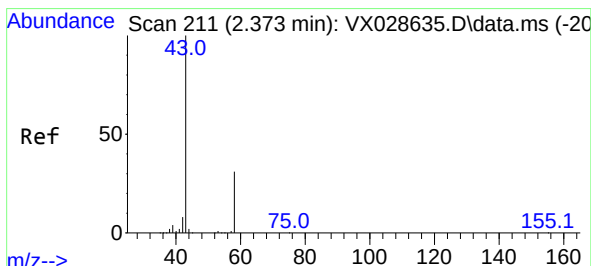
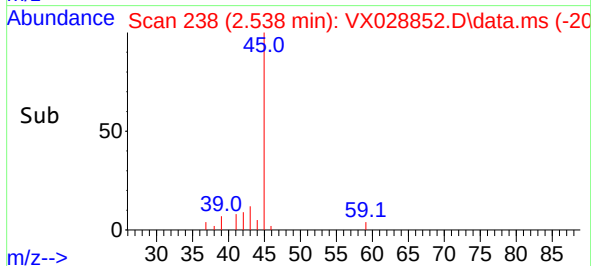
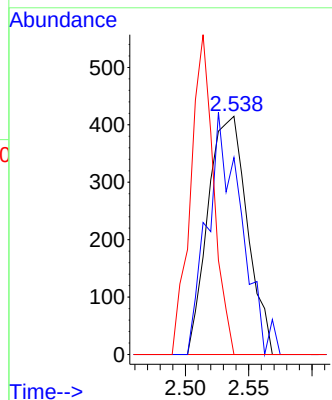
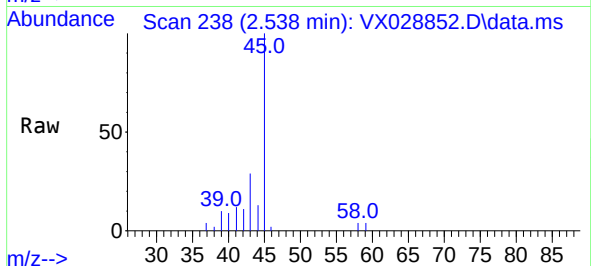




#14
 Allyl chloride
 Concen: 0.233 ug/l
 RT: 2.538 min Scan# 211
 Delta R.T. -0.122 min
 Lab File: VX028852.D
 Acq: 20 May 2022 15:46

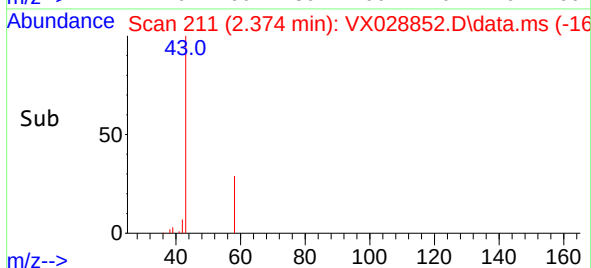
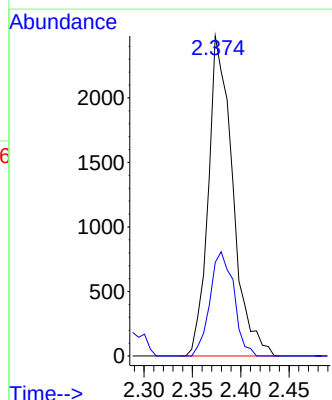
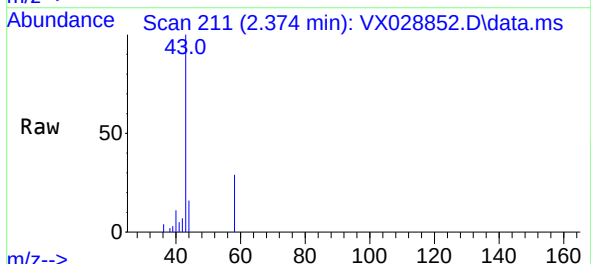
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41

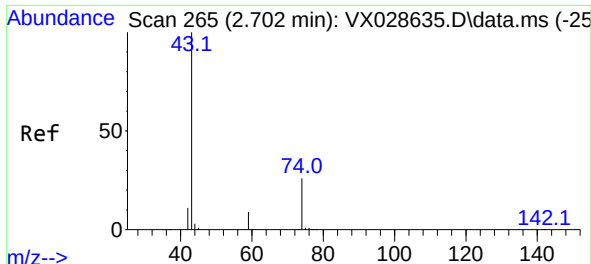
Tgt Ion: 41 Resp: 897
 Ion Ratio Lower Upper
 41 100
 39 87.4 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 3.187 ug/l
 RT: 2.374 min Scan# 211
 Delta R.T. 0.001 min
 Lab File: VX028852.D
 Acq: 20 May 2022 15:46

Tgt Ion: 43 Resp: 4353
 Ion Ratio Lower Upper
 43 100
 58 29.3 28.8 43.2

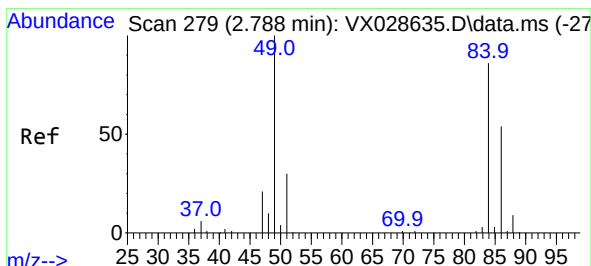
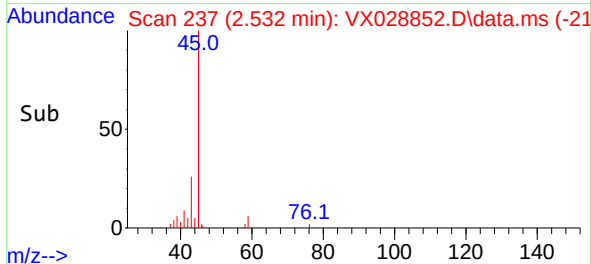
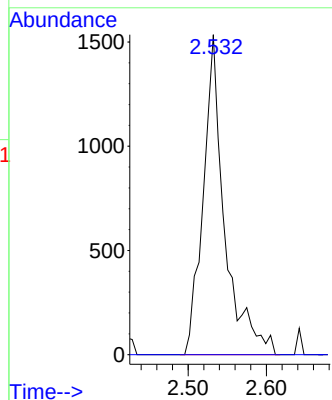
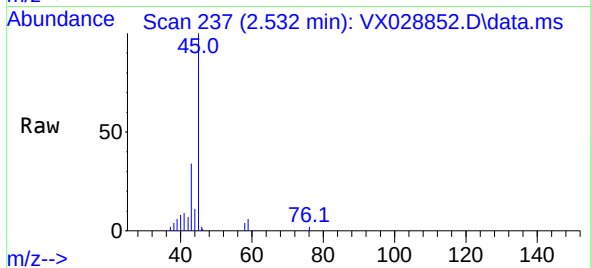




#18
Methyl Acetate
Concen: 0.851 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.170 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

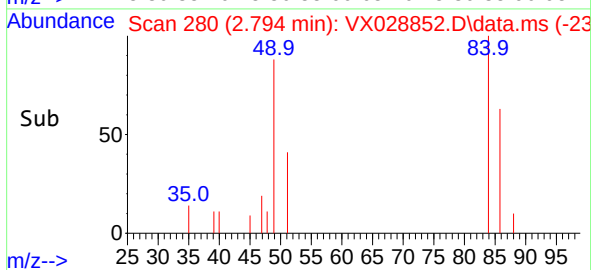
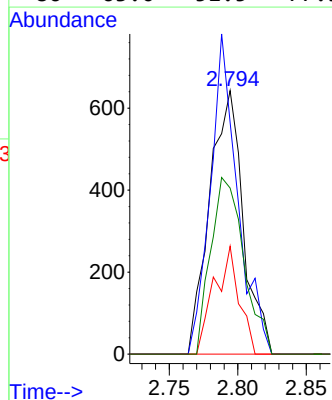
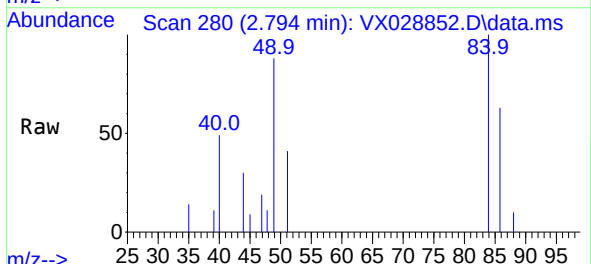
Instrument :
MSVOA_X
ClientSampleId :
MW-41

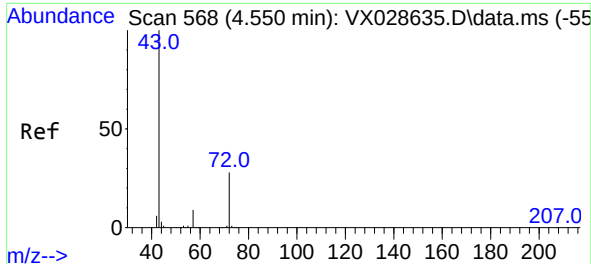
Tgt Ion: 43 Resp: 2911
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.382 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

Tgt Ion: 84 Resp: 1095
Ion Ratio Lower Upper
84 100
49 87.9 85.5 128.3
51 40.9 26.6 39.8#
86 63.0 51.5 77.3





#25

2-Butanone

Concen: 0.218 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX028852.D

Acq: 20 May 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

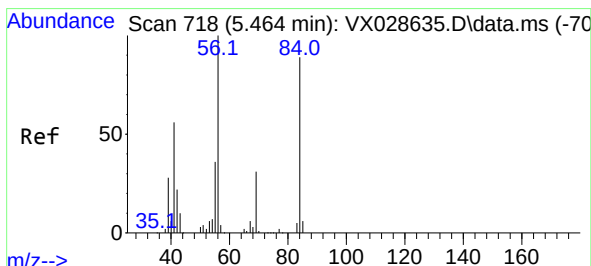
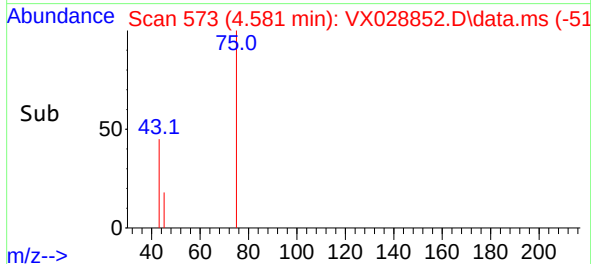
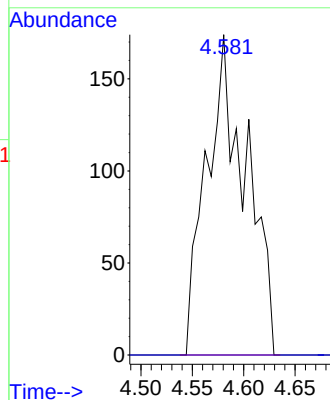
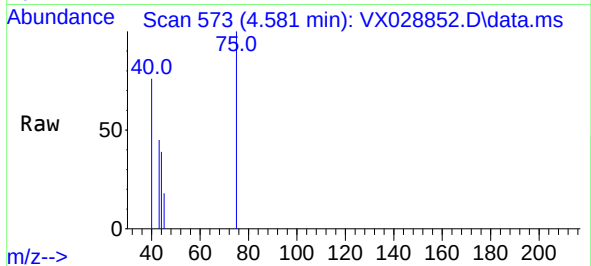
MW-41

Tgt Ion: 43 Resp: 468

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028852.D

Acq: 20 May 2022 15:46

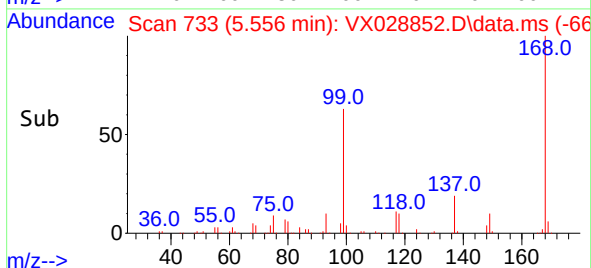
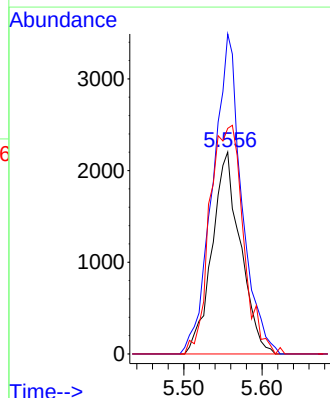
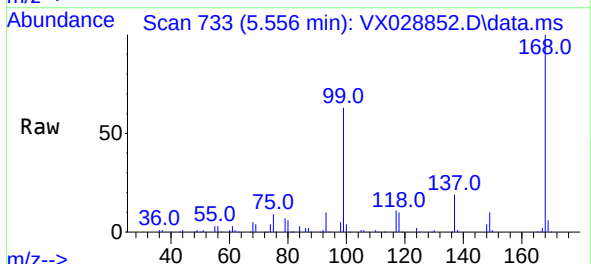
Tgt Ion: 56 Resp: 5548

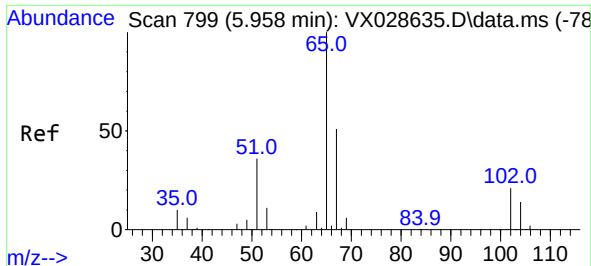
Ion Ratio Lower Upper

56 100

69 158.4 26.7 40.1#

84 111.7 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 50.374 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028852.D

Acq: 20 May 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

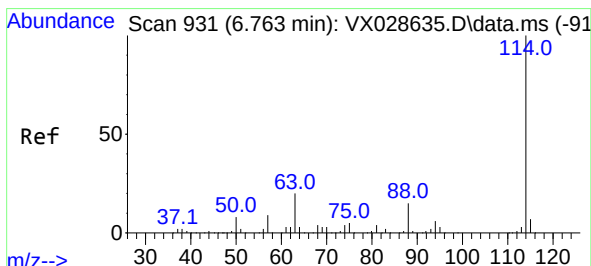
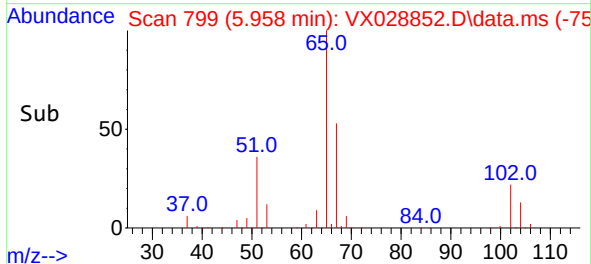
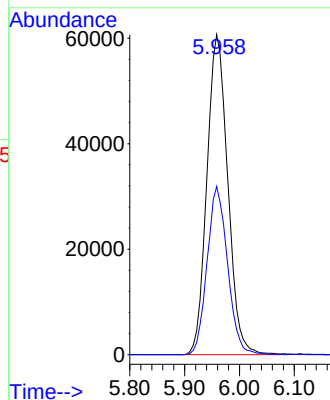
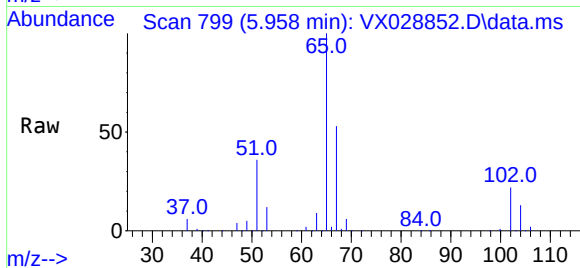
MW-41

Tgt Ion: 65 Resp: 160316

Ion Ratio Lower Upper

65 100

67 51.4 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: VX028852.D

Acq: 20 May 2022 15:46

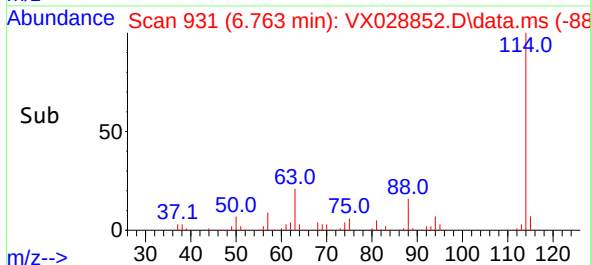
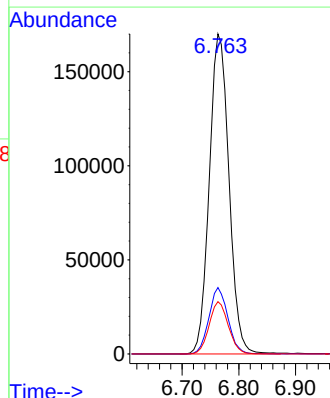
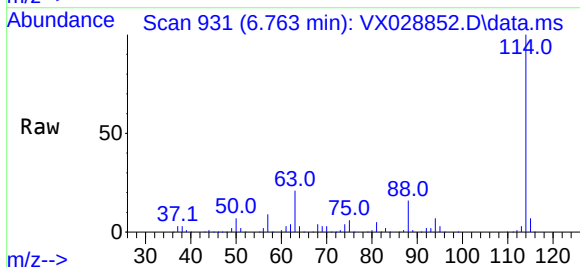
Tgt Ion: 114 Resp: 409430

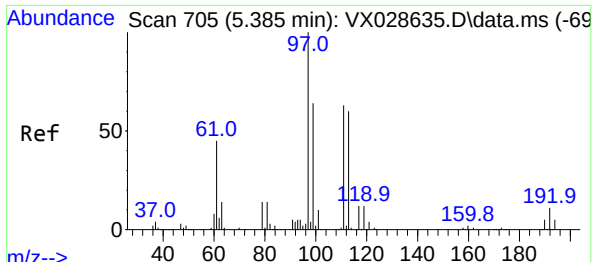
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.8

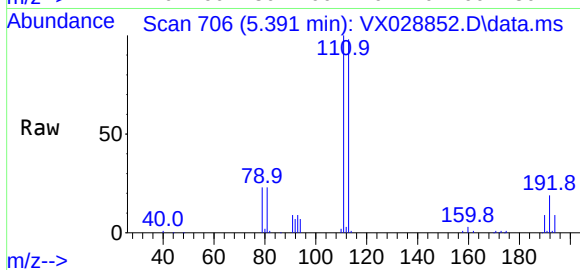
88 16.4 0.0 32.4



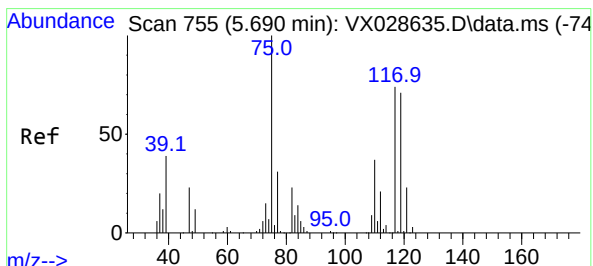
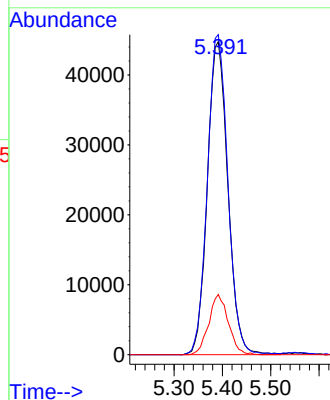
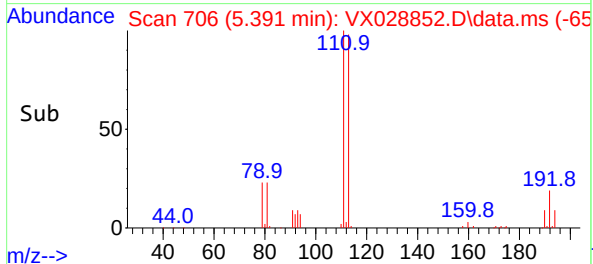


#35
Dibromofluoromethane
Concen: 49.183 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
MW-41

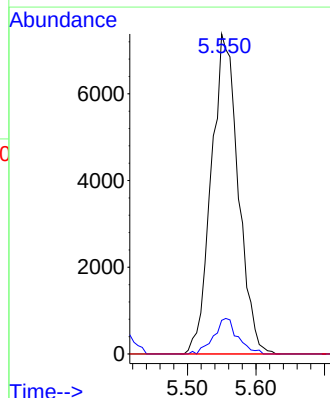
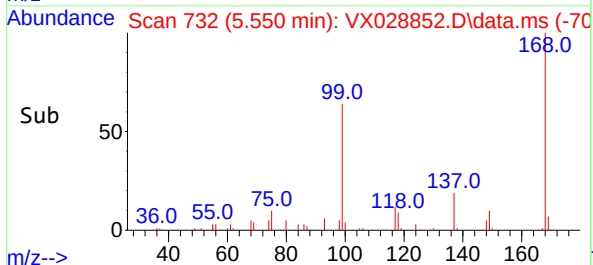
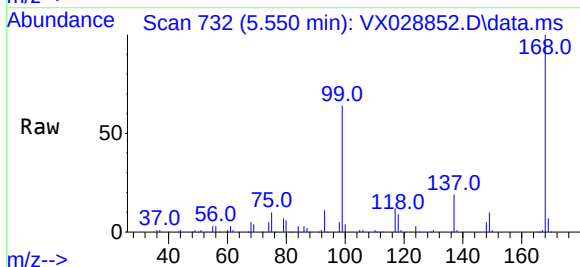


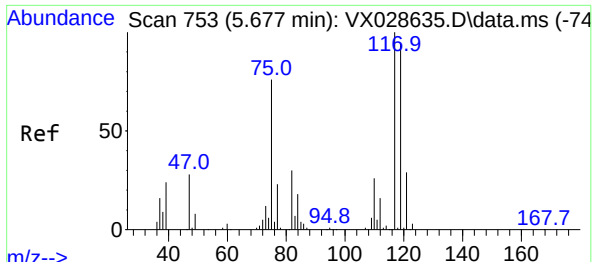
Tgt Ion:113 Resp: 131936
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.999 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

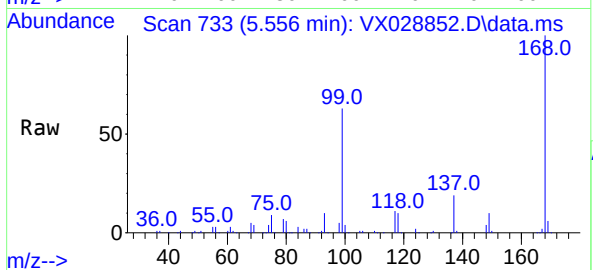
Tgt Ion: 75 Resp: 20140
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



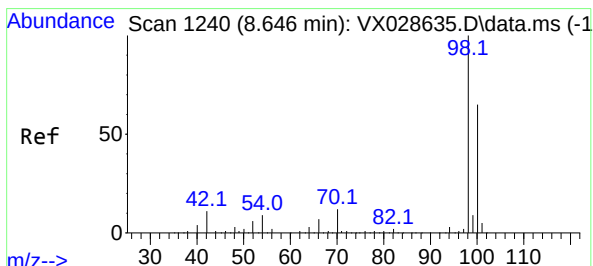
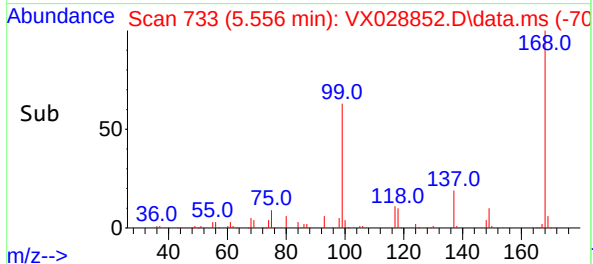
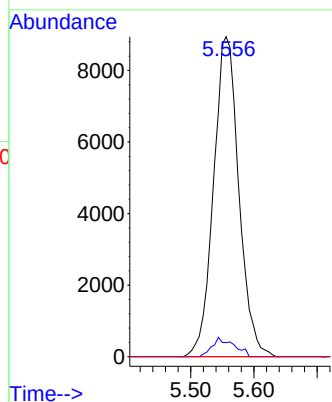


#38
Carbon Tetrachloride
Concen: 6.121 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
MW-41

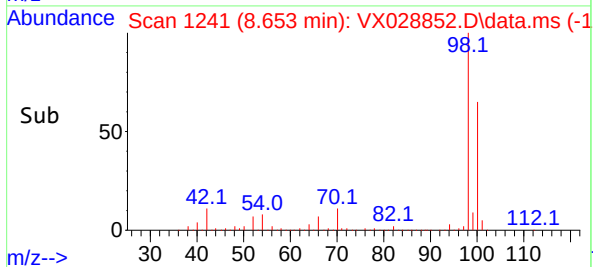
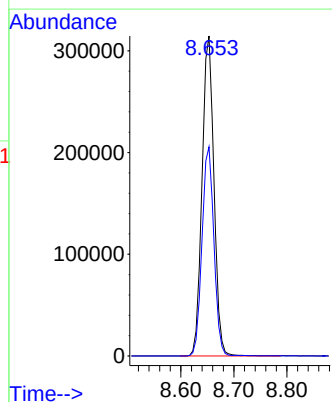
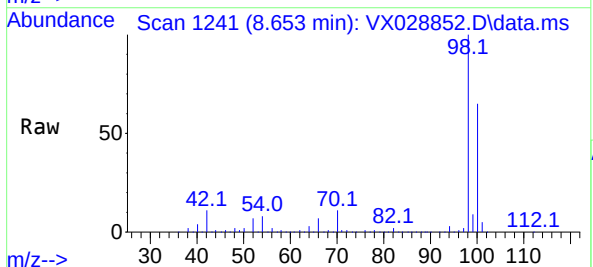


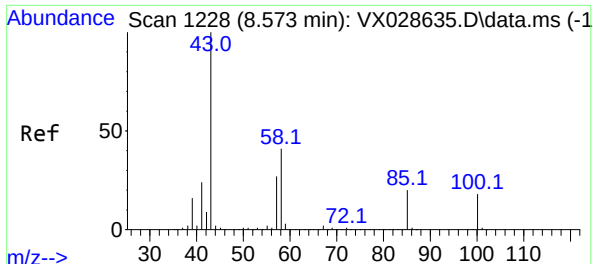
Tgt Ion:117 Resp: 24819
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.368 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

Tgt Ion: 98 Resp: 489176
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

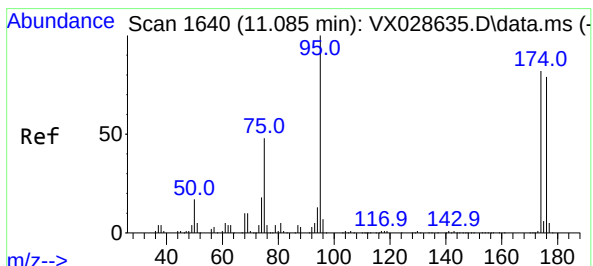
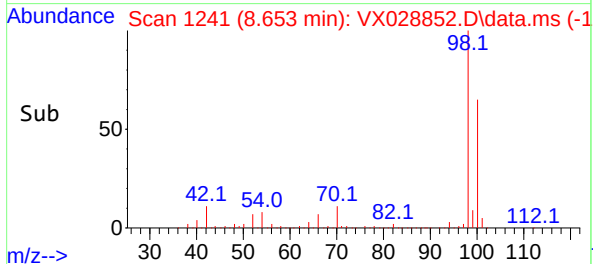
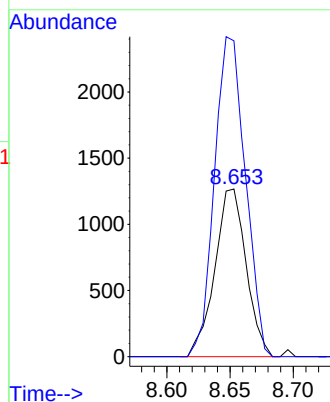
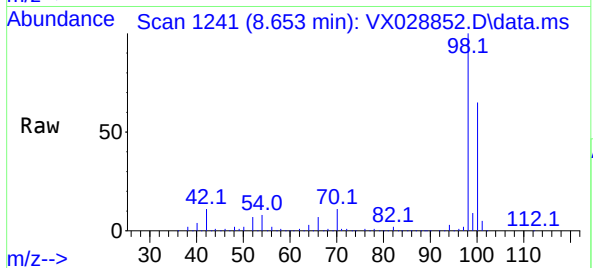




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

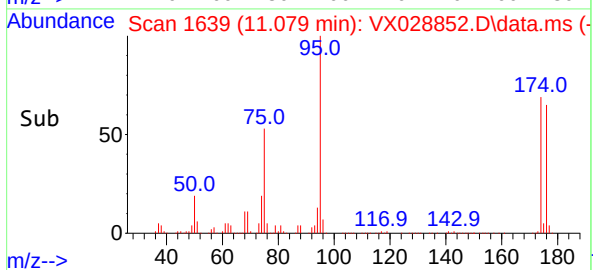
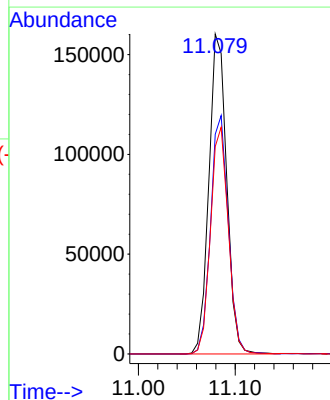
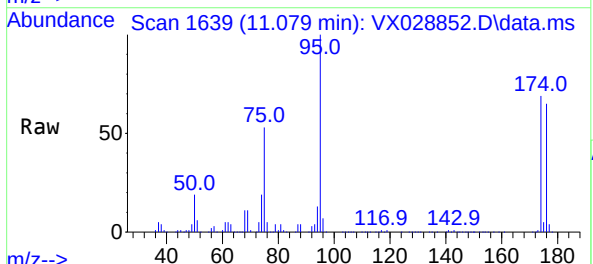
Instrument :
MSVOA_X
ClientSampleId :
MW-41

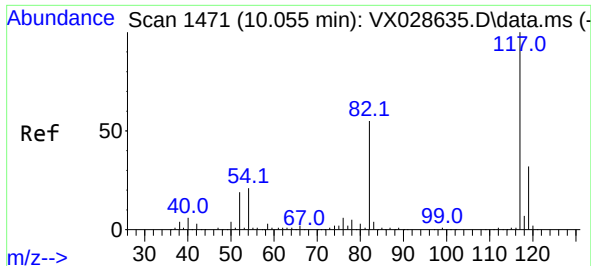
Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
58 188.3 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 54.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

Tgt Ion: 95 Resp: 205587
Ion Ratio Lower Upper
95 100
174 74.0 0.0 163.0
176 70.8 0.0 155.0

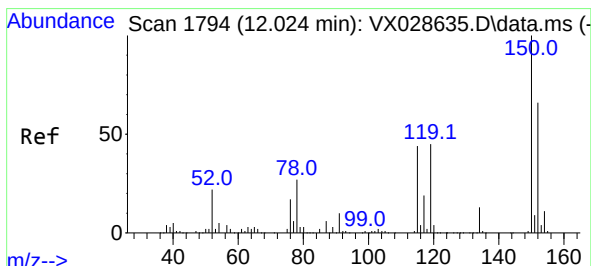
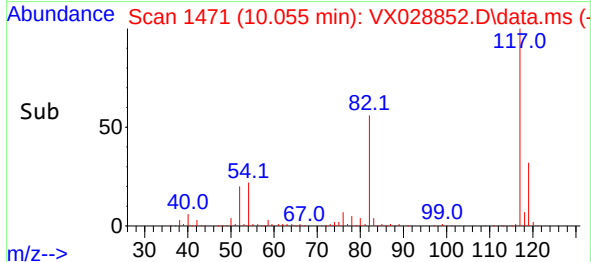
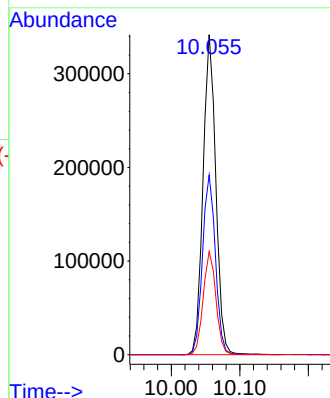
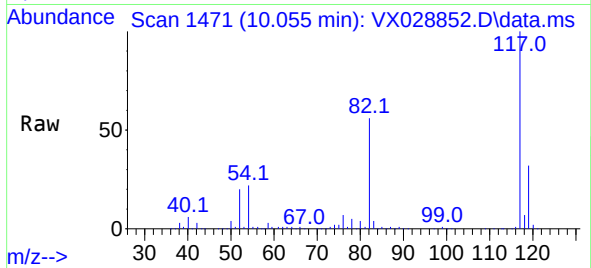




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

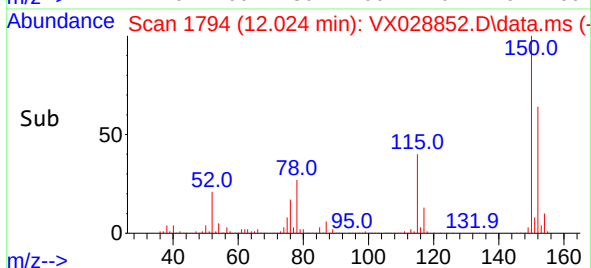
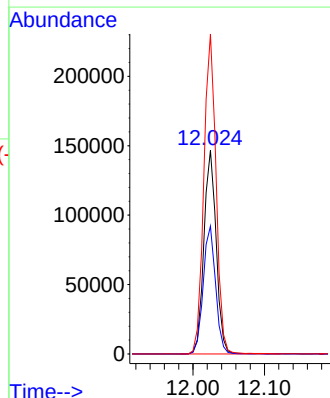
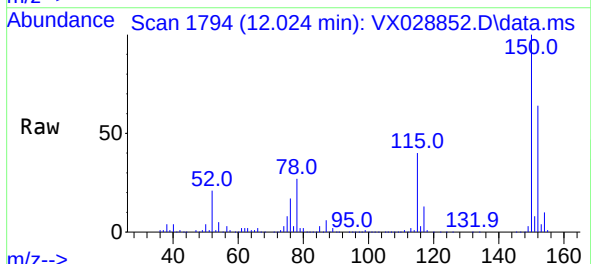
Instrument :
MSVOA_X
ClientSampleId :
MW-41

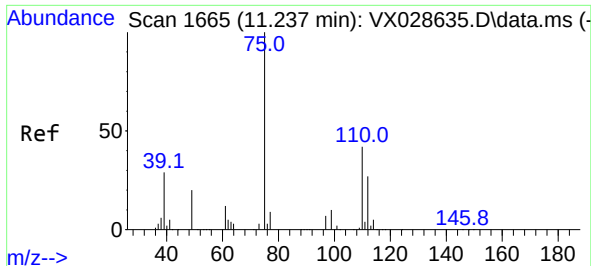
Tgt Ion:117 Resp: 444012
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

Tgt Ion:152 Resp: 175240
Ion Ratio Lower Upper
152 100
115 63.3 37.5 112.7
150 156.2 0.0 338.2

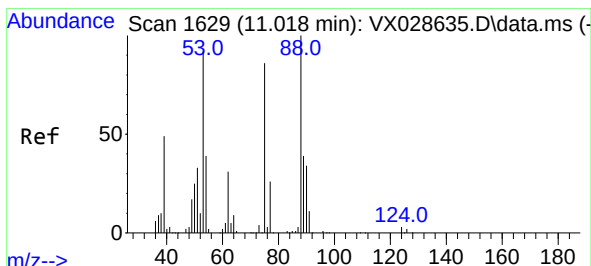
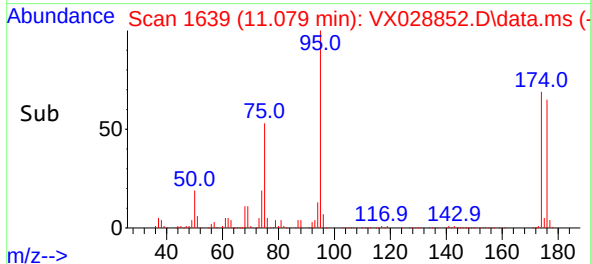
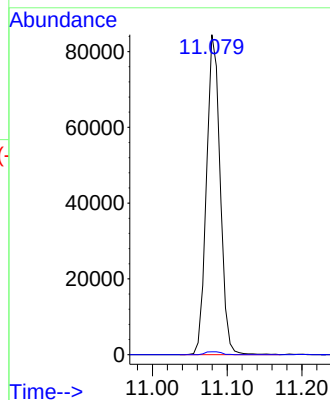
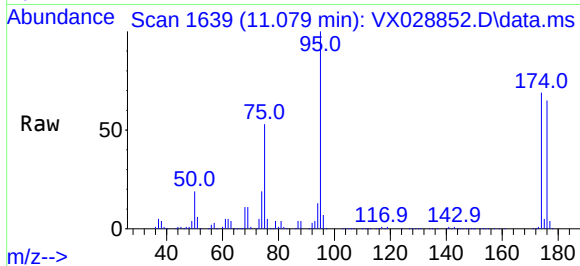




#76
1,2,3-Trichloropropane
Concen: 26.122 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion: 75 Resp: 107203
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.766 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028852.D
Acq: 20 May 2022 15:46

Tgt Ion: 75 Resp: 107203
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

