

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028835.D
 Acq On : 19 May 2022 19:02
 Operator : JC/MD
 Sample : N2943-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Quant Time: May 20 01:50:09 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)

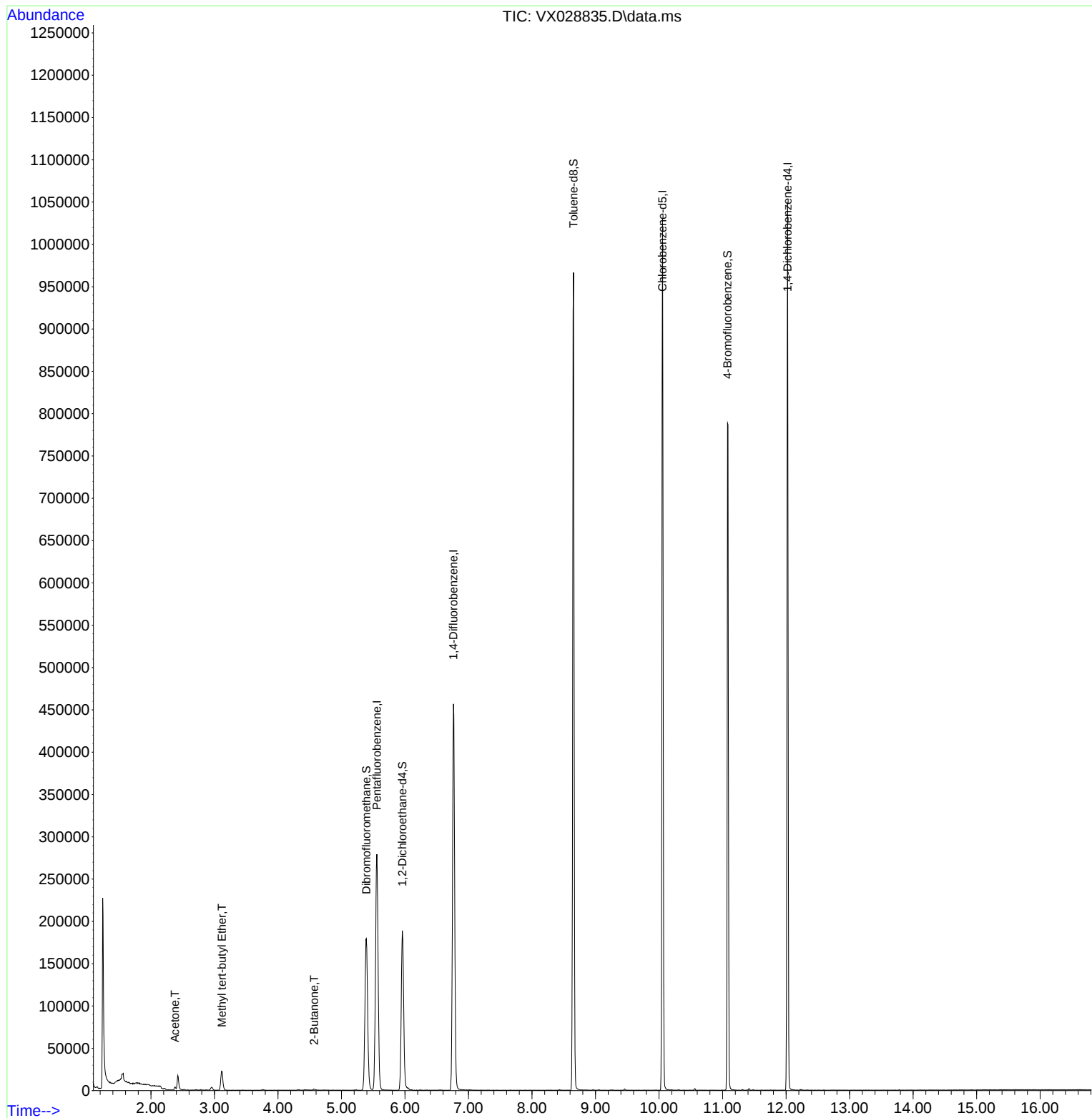
Internal Standards						
1) Pentafluorobenzene	5.556	168	255550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	467818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181201	51.727	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.460%	
35) Dibromofluoromethane	5.391	113	156555	51.077	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.160%	
50) Toluene-d8	8.653	98	556316	48.141	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.280%	
62) 4-Bromofluorobenzene	11.079	95	208752	48.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.720%	
Target Compounds						
						Qvalue
16) Acetone	2.380	43	4107	2.732	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	25438	2.710	ug/l	95
25) 2-Butanone	4.568	43	2362	1.001	ug/l #	76

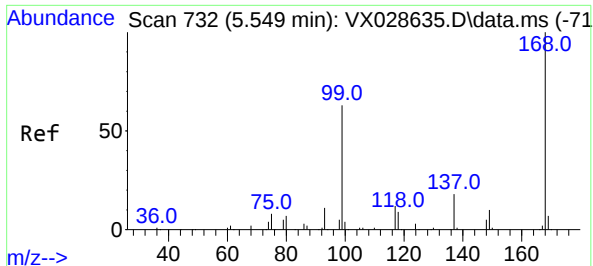
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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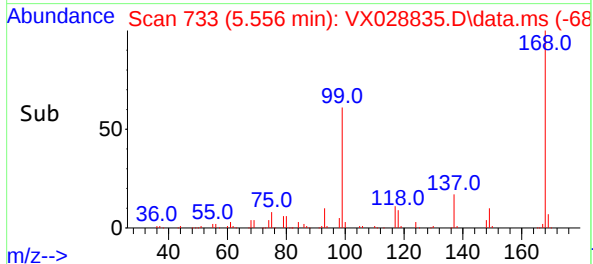
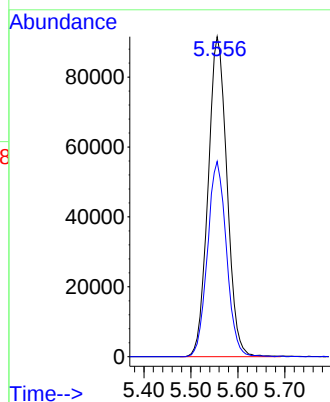
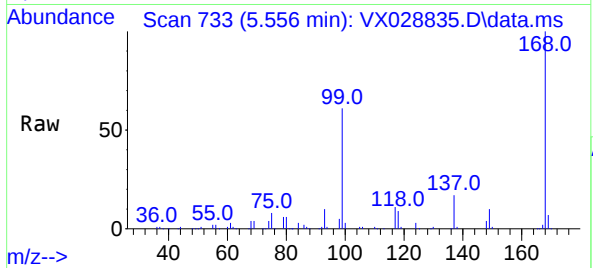




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

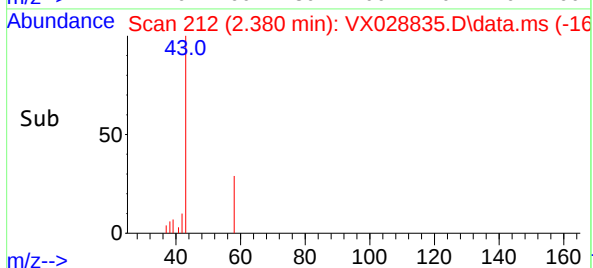
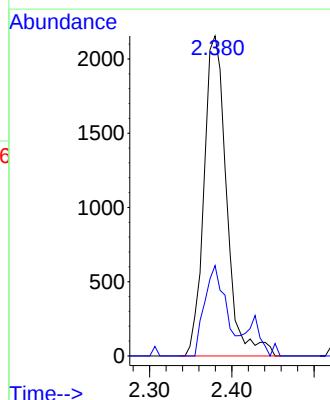
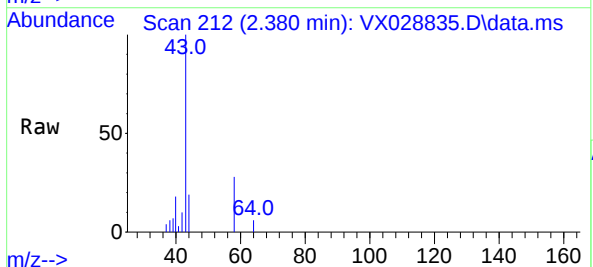
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

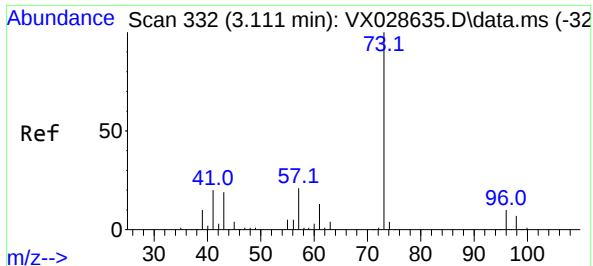
Tgt Ion:168 Resp: 255550
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5



#16
Acetone
Concen: 2.732 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 43 Resp: 4107
Ion Ratio Lower Upper
43 100
58 28.3 28.8 43.2#

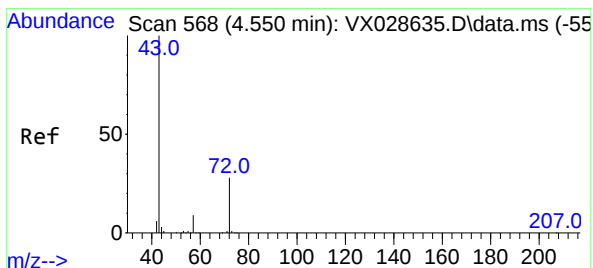
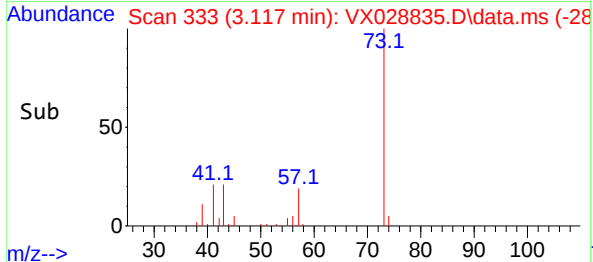
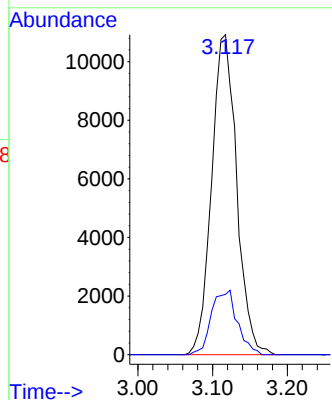
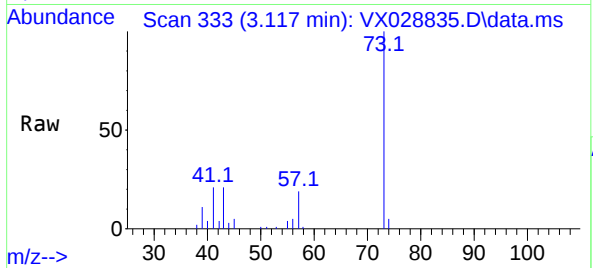




#19
Methyl tert-butyl Ether
Concen: 2.710 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

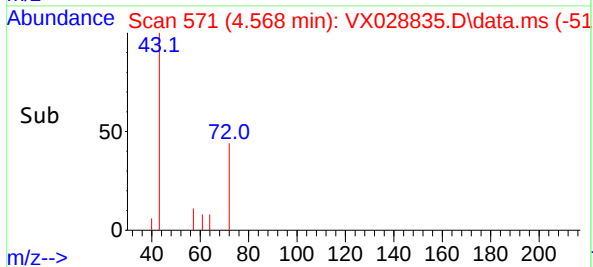
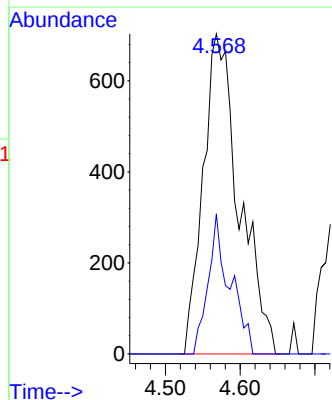
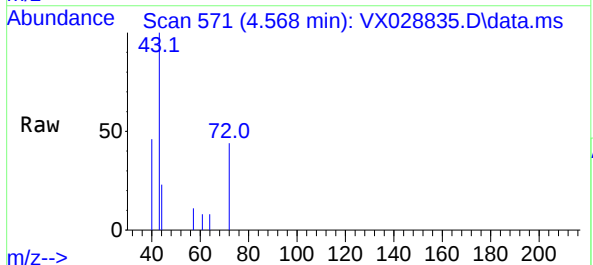
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

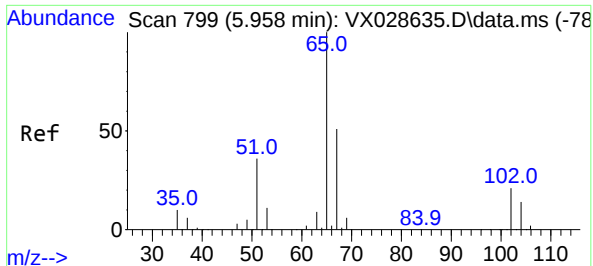
Tgt Ion: 73 Resp: 25438
Ion Ratio Lower Upper
73 100
57 18.8 16.8 25.2



#25
2-Butanone
Concen: 1.001 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
72 43.8 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 51.727 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028835.D

Acq: 19 May 2022 19:02

Instrument :

MSVOA_X

ClientSampleId :

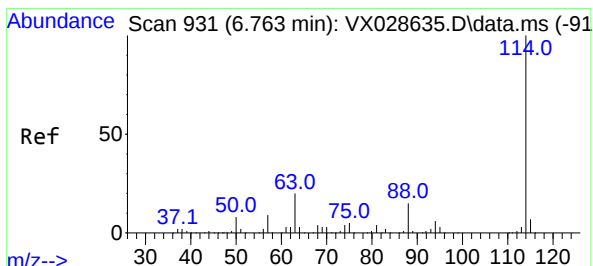
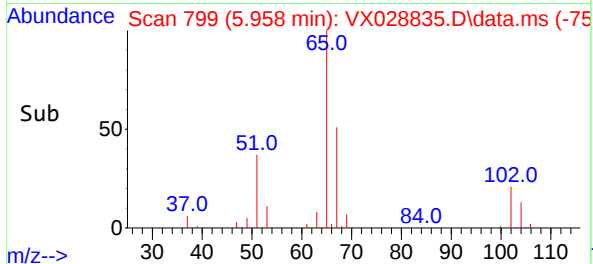
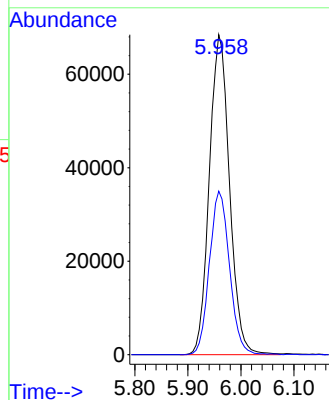
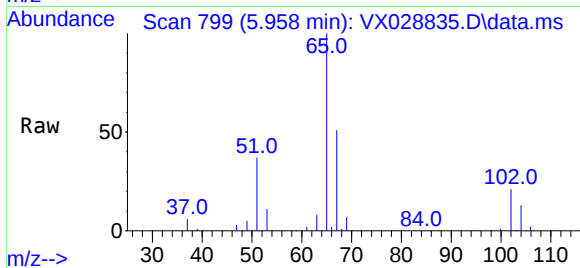
MW-16R

Tgt Ion: 65 Resp: 181201

Ion Ratio Lower Upper

65 100

67 50.8 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: VX028835.D

Acq: 19 May 2022 19:02

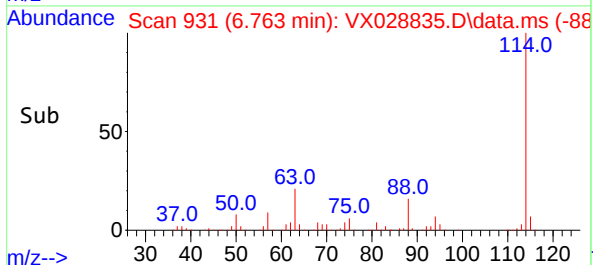
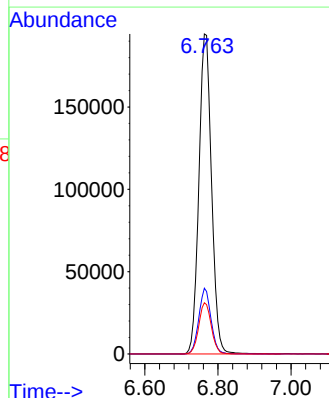
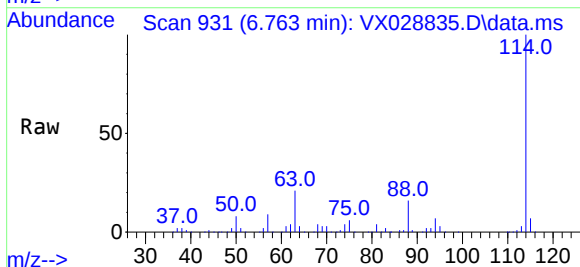
Tgt Ion:114 Resp: 467818

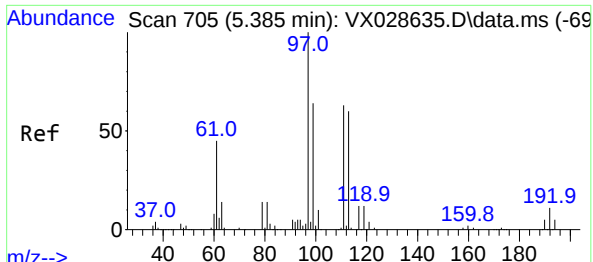
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

88 16.0 0.0 32.4

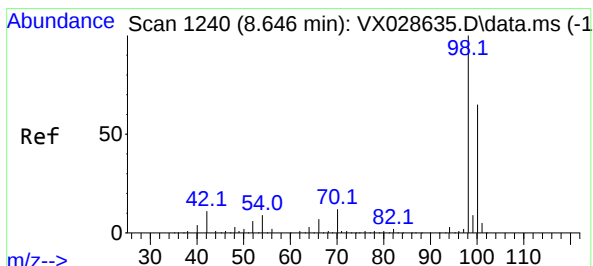
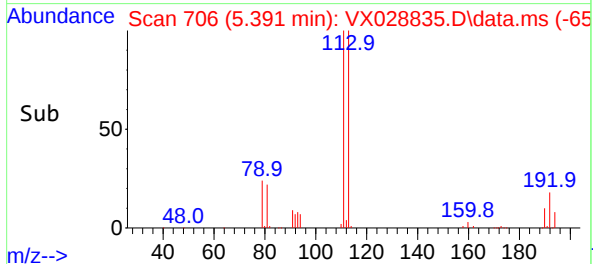
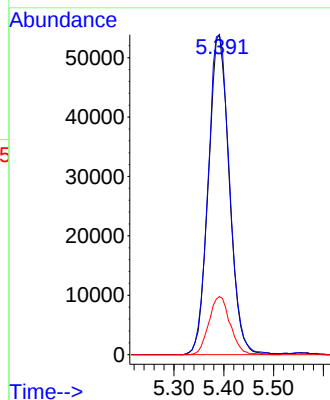
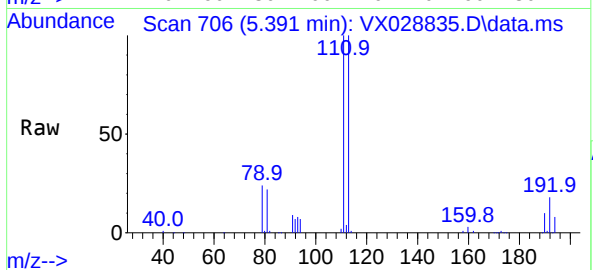




#35
Dibromofluoromethane
Concen: 51.077 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

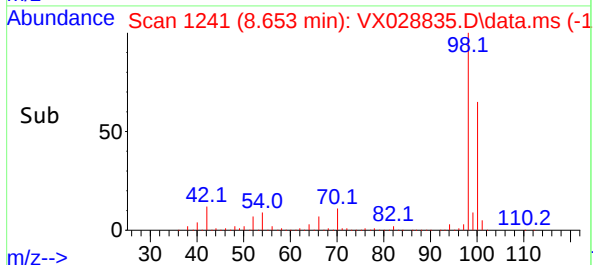
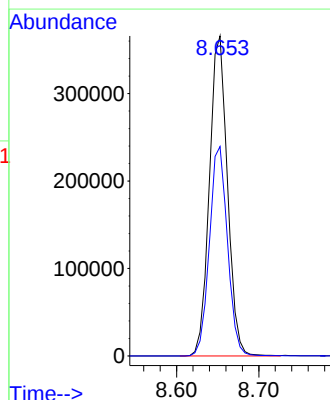
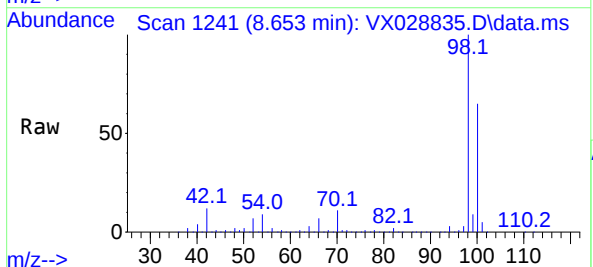
Instrument :
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MW-16R

Tgt Ion:113 Resp: 156555
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.5 16.9 25.3



#50
Toluene-d8
Concen: 48.141 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 98 Resp: 556316
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

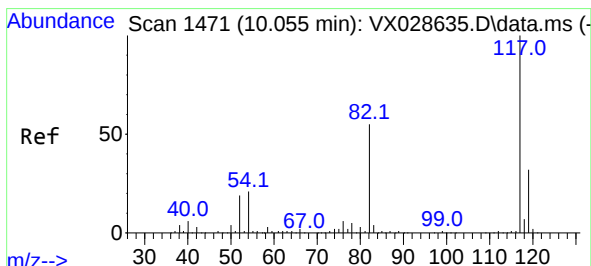
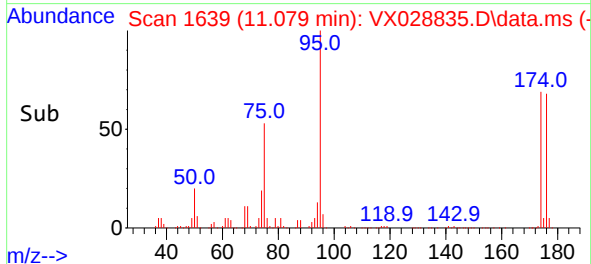
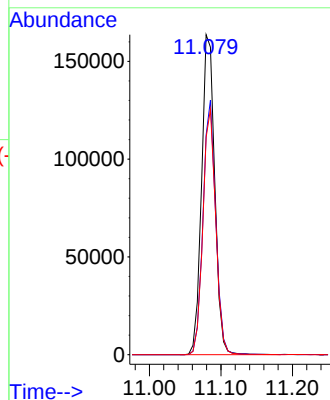
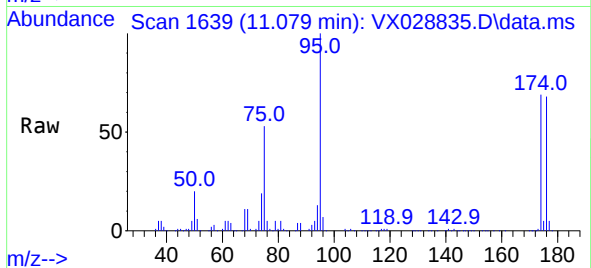




#62
4-Bromofluorobenzene
Concen: 48.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

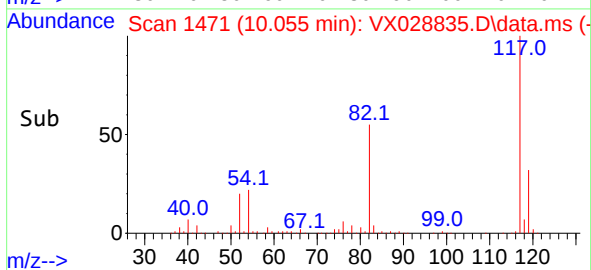
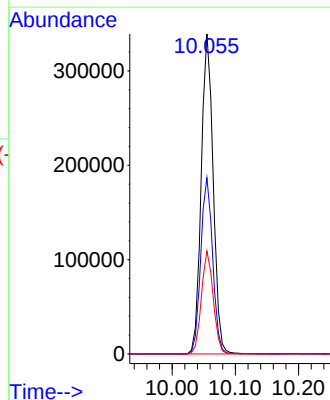
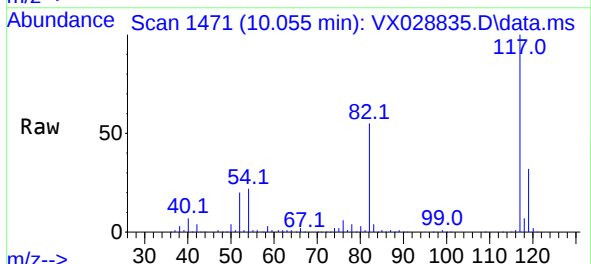
Instrument :
MSVOA_X
ClientSampleId :
MW-16R

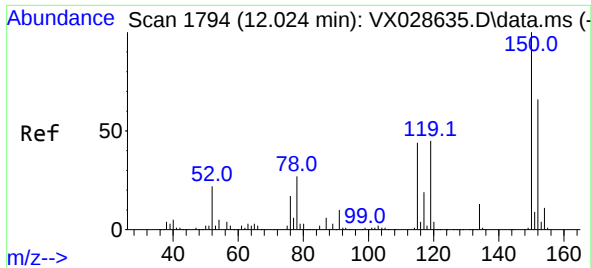
Tgt Ion: 95 Resp: 208752
Ion Ratio Lower Upper
95 100
174 76.8 0.0 163.0
176 74.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028835.D
Acq: 19 May 2022 19:02

Tgt Ion: 117 Resp: 446610
Ion Ratio Lower Upper
117 100
82 55.0 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# 11
 Delta R.T. 0.000 min
 Lab File: VX028835.D
 Acq: 19 May 2022 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16R

Tgt Ion:152 Resp: 202943
 Ion Ratio Lower Upper
 152 100
 115 61.8 37.5 112.7
 150 158.4 0.0 338.2

