

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025412.D
 Acq On : 01 Dec 2021 14:48
 Operator : JC/MD
 Sample : M4866-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16953

Quant Time: Dec 02 08:28:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

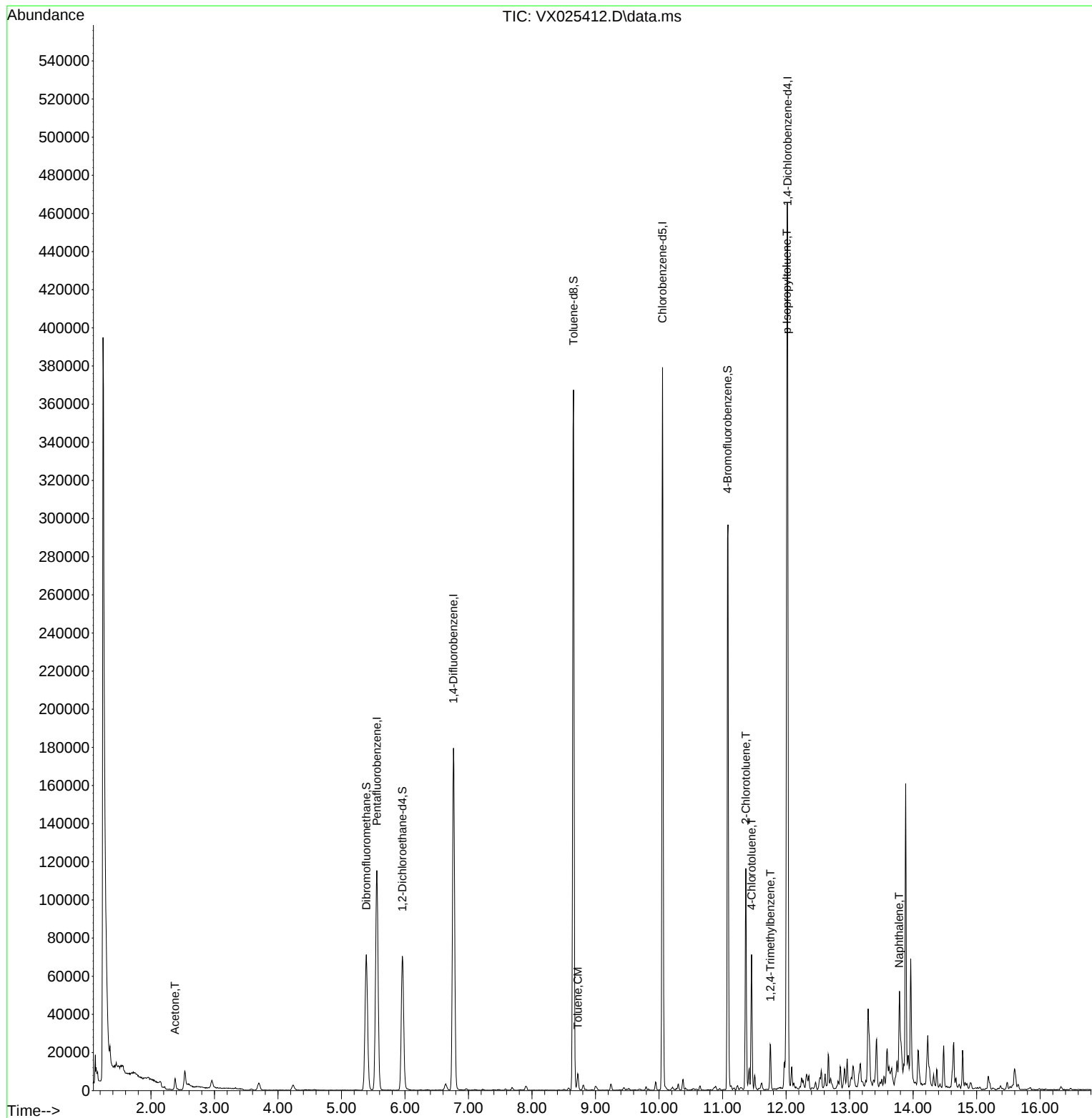
Internal Standards						
1) Pentafluorobenzene	5.556	168	115561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66526	54.615	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.220%	
35) Dibromofluoromethane	5.391	113	60932	51.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.680%	
50) Toluene-d8	8.653	98	222077	49.767	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	11.079	95	79552	47.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.240%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	6123	9.046	ug/l	94
52) Toluene	8.720	92	2880	0.863	ug/l	93
79) 2-Chlorotoluene	11.366	91	48131	11.943	ug/l	96
82) 4-Chlorotoluene	11.457	91	29407	6.392	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	6704	1.368	ug/l	99
86) p-Isopropyltoluene	12.012	119	103243	19.619	ug/l	97
95) Naphthalene	13.780	128	10388	1.497	ug/l	99

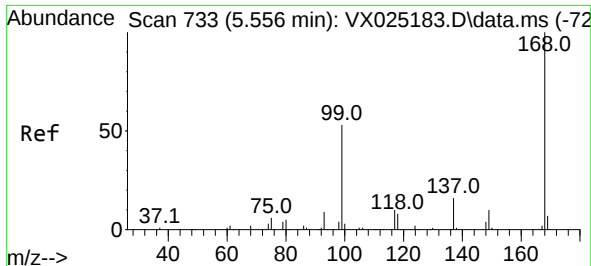
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

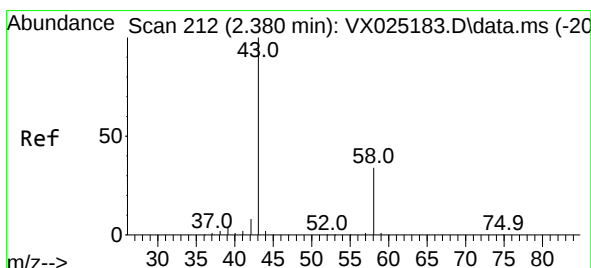
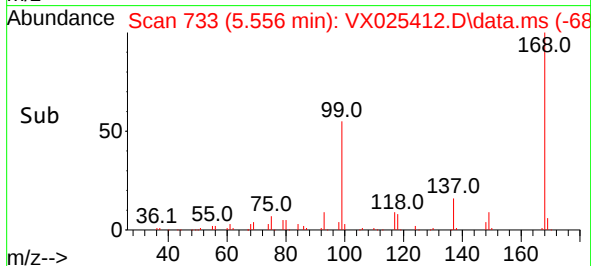
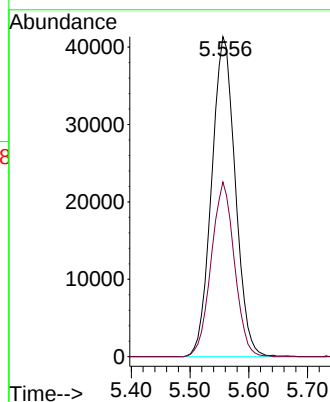
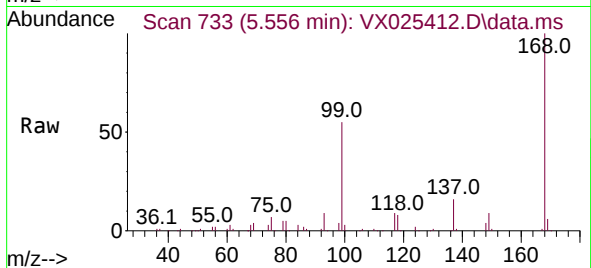




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

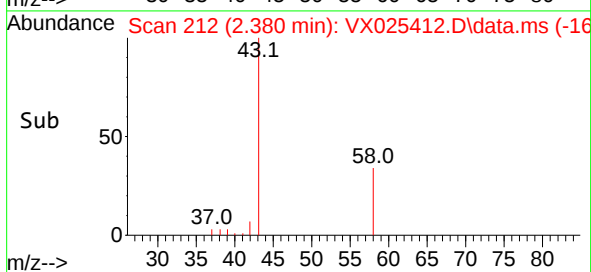
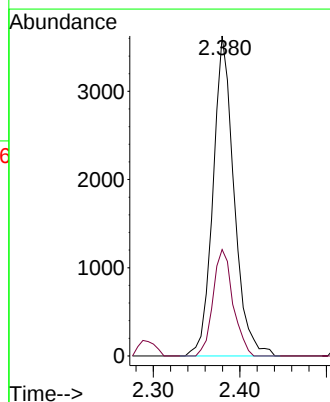
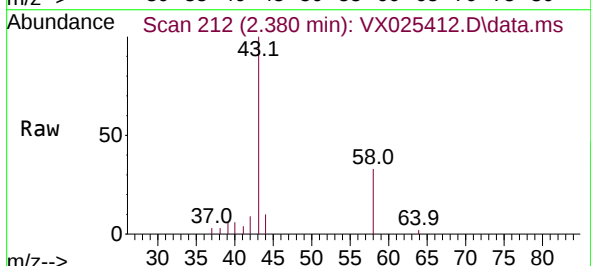
Instrument :
MSVOA_X
ClientSampleId :
16953

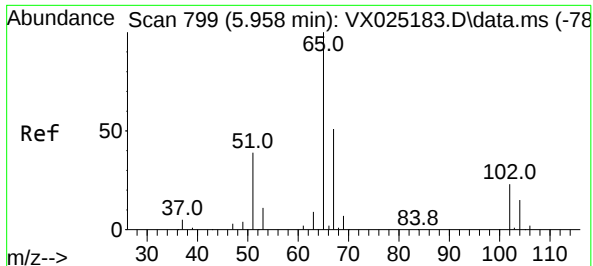
Tgt Ion:168 Resp: 115561
Ion Ratio Lower Upper
168 100
99 54.6 46.4 69.6



#16
Acetone
Concen: 9.046 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

Tgt Ion: 43 Resp: 6123
Ion Ratio Lower Upper
43 100
58 33.3 24.0 36.0

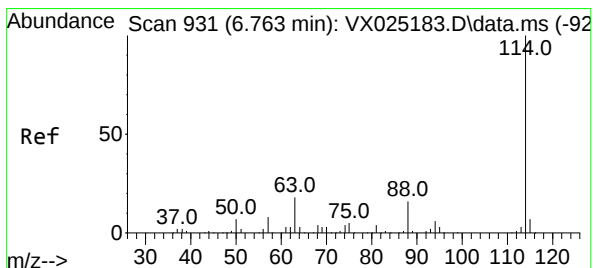
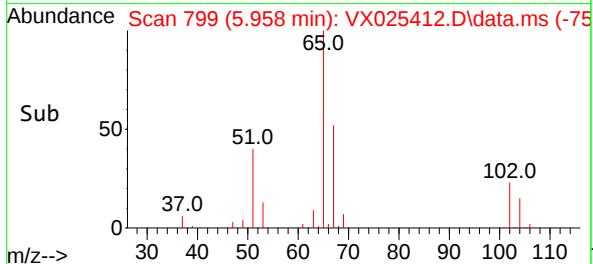
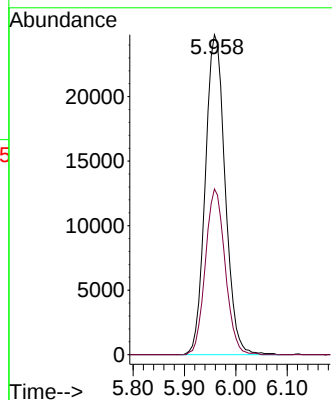
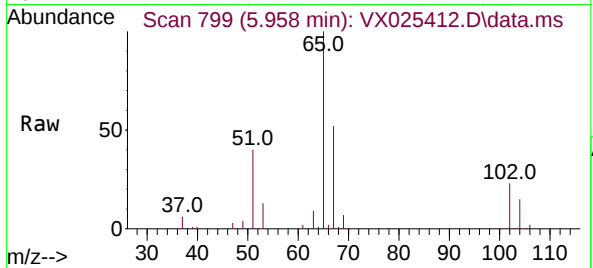




#33
 1,2-Dichloroethane-d4
 Concen: 54.615 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025412.D
 Acq: 01 Dec 2021 14:48

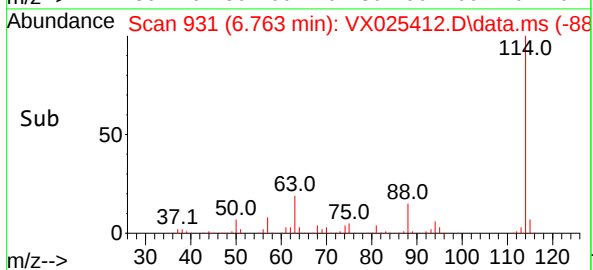
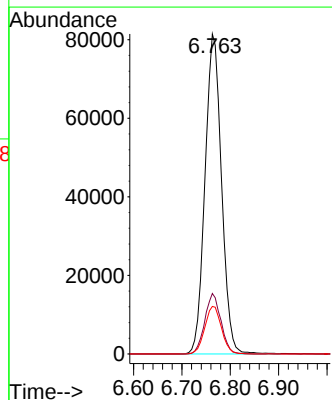
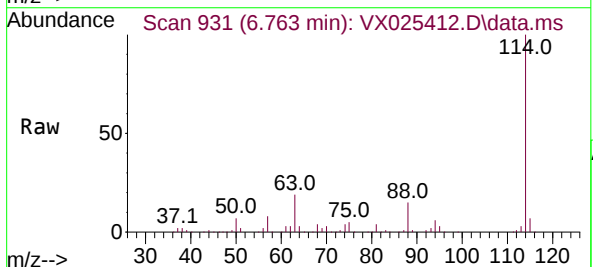
Instrument :
 MSVOA_X
 ClientSampleId :
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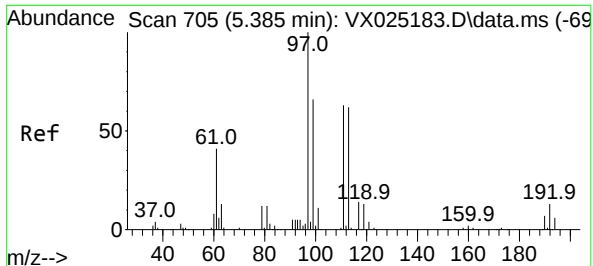
Tgt Ion: 65 Resp: 66526
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX025412.D
 Acq: 01 Dec 2021 14:48

Tgt Ion: 114 Resp: 193431
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.0
 88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.340 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025412.D

Acq: 01 Dec 2021 14:48

Instrument :

MSVOA_X

ClientSampleId :

16953

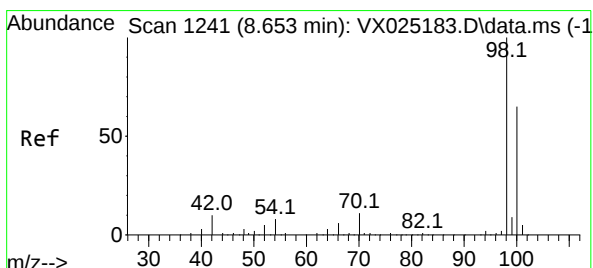
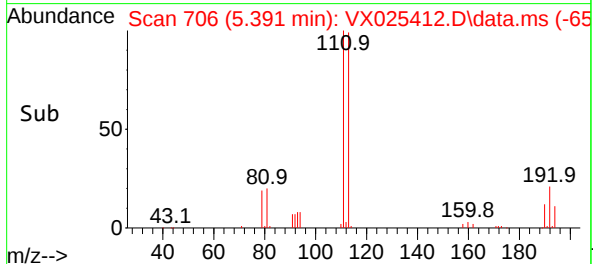
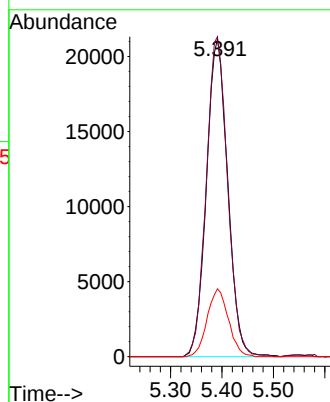
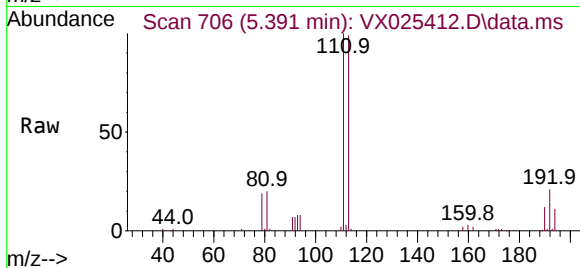
Tgt Ion:113 Resp: 60932

Ion Ratio Lower Upper

113 100

111 101.0 82.1 123.1

192 21.3 15.6 23.4



#50

Toluene-d8

Concen: 49.767 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025412.D

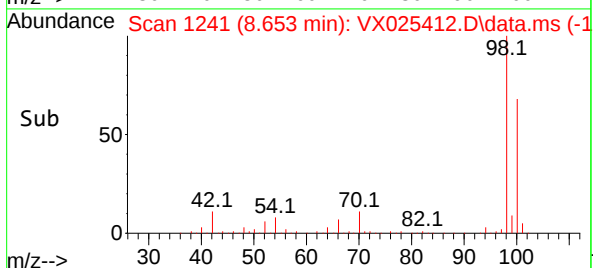
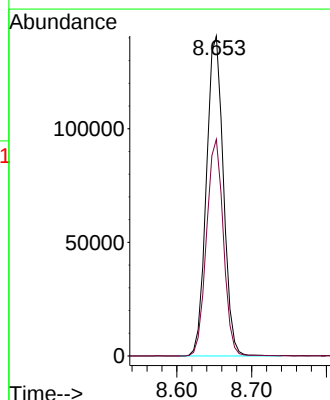
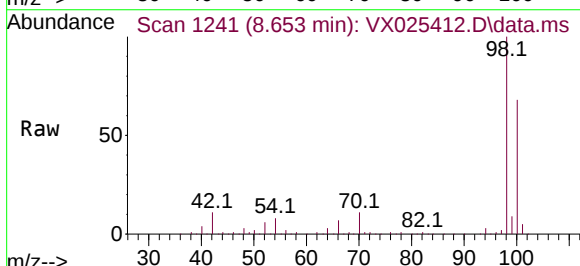
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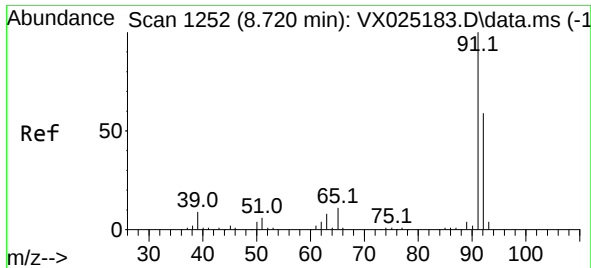
Tgt Ion: 98 Resp: 222077

Ion Ratio Lower Upper

98 100

100 67.2 51.4 77.0

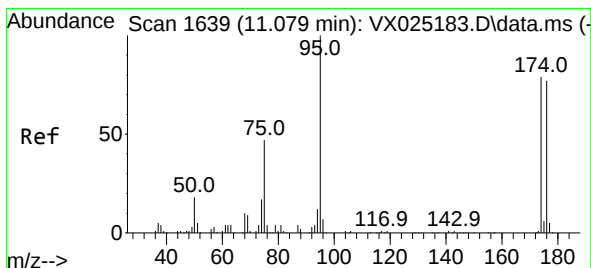
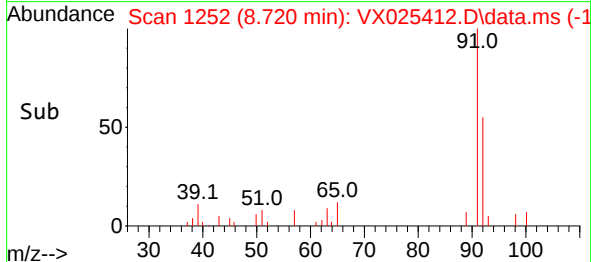
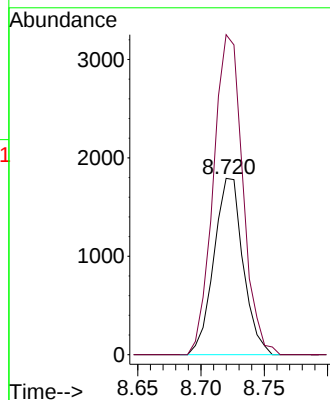
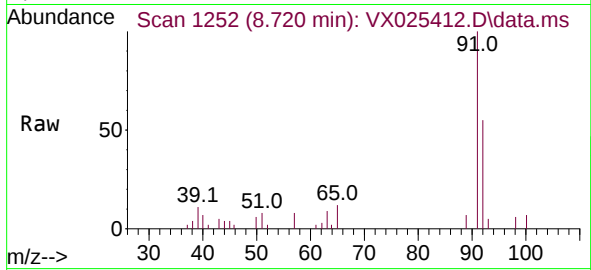




#52
Toluene
Concen: 0.863 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

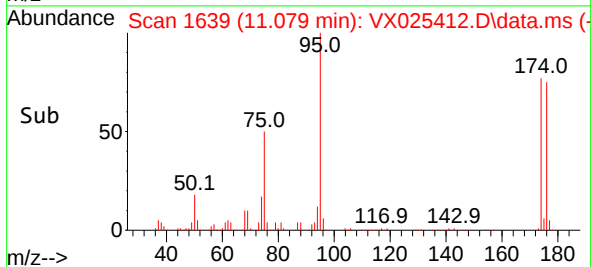
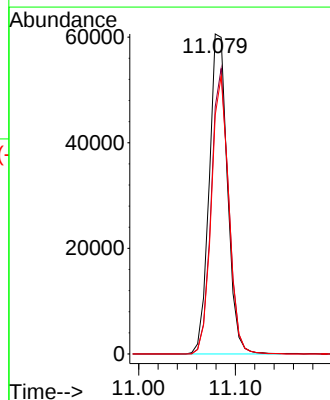
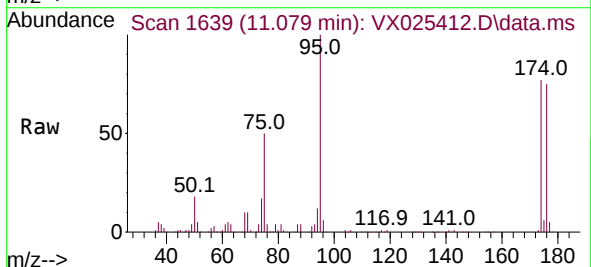
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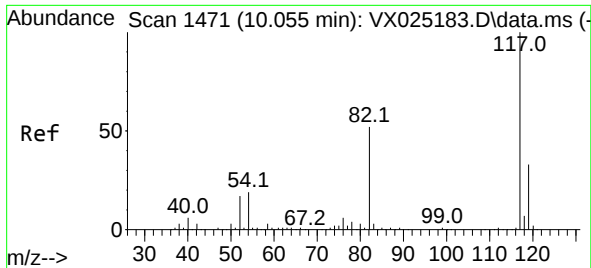
Tgt Ion: 92 Resp: 2880
Ion Ratio Lower Upper
92 100
91 182.6 138.6 208.0



#62
4-Bromofluorobenzene
Concen: 47.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

Tgt Ion: 95 Resp: 79552
Ion Ratio Lower Upper
95 100
174 85.0 0.0 158.0
176 83.0 0.0 153.6

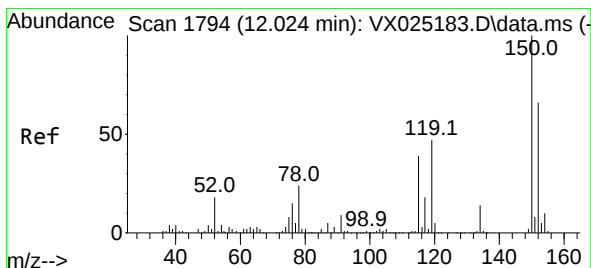
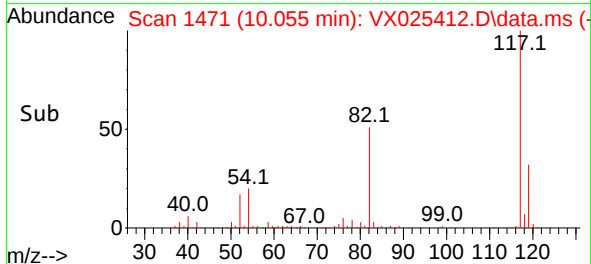
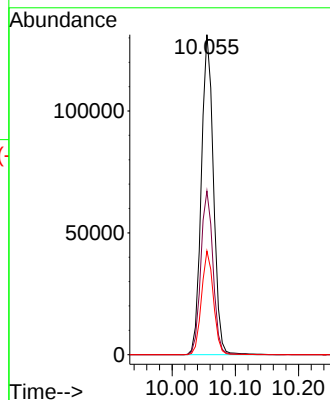
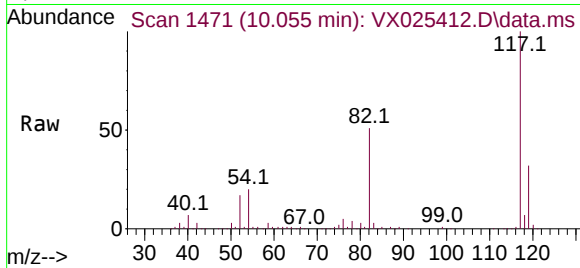




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

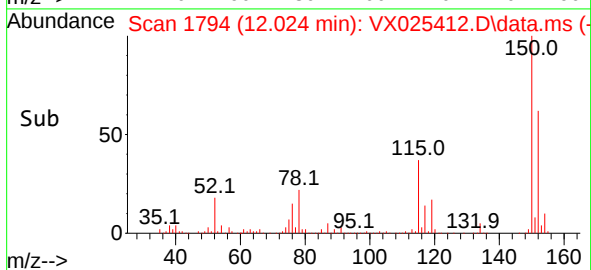
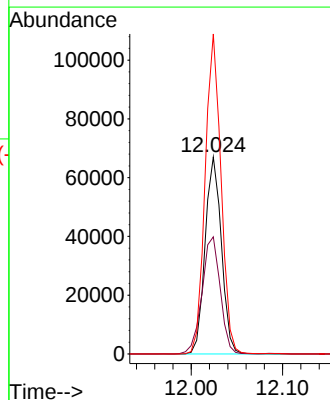
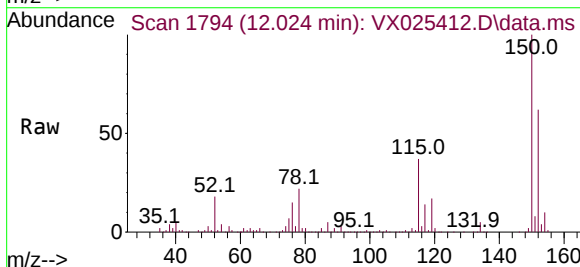
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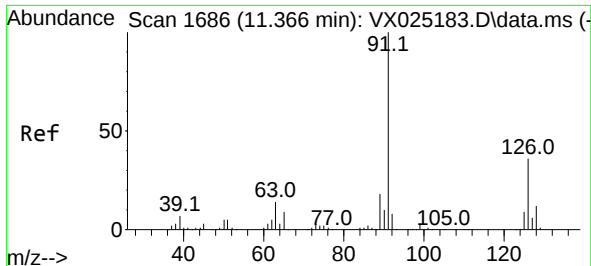
Tgt Ion:117 Resp: 175531
Ion Ratio Lower Upper
117 100
82 51.2 44.6 67.0
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

Tgt Ion:152 Resp: 82750
Ion Ratio Lower Upper
152 100
115 66.6 43.3 129.8
150 158.1 0.0 351.2

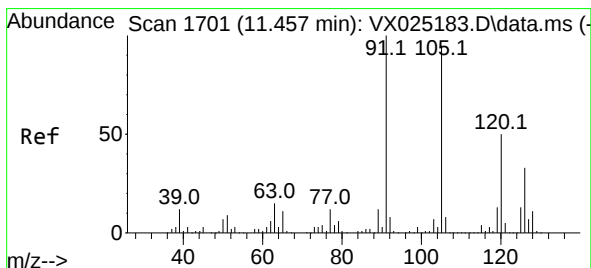
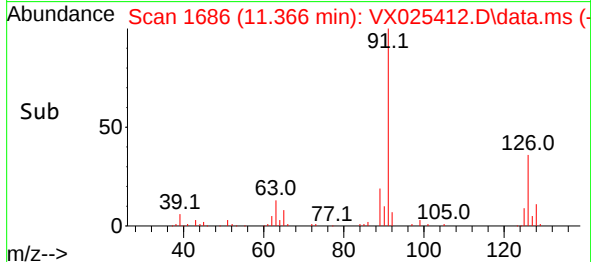
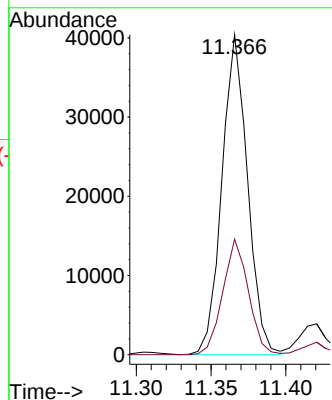
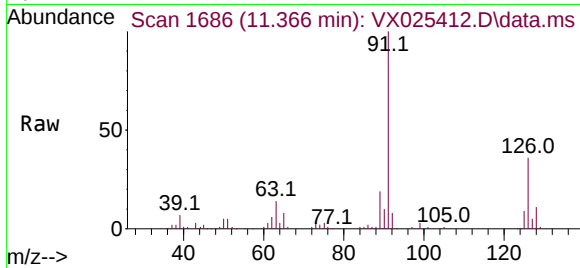




#79
2-Chlorotoluene
Concen: 11.943 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

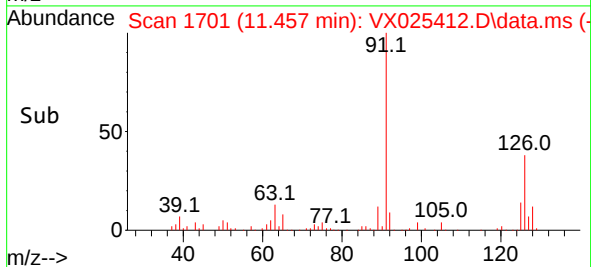
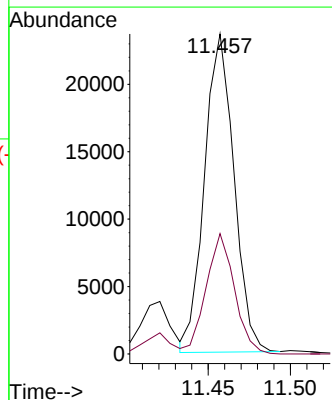
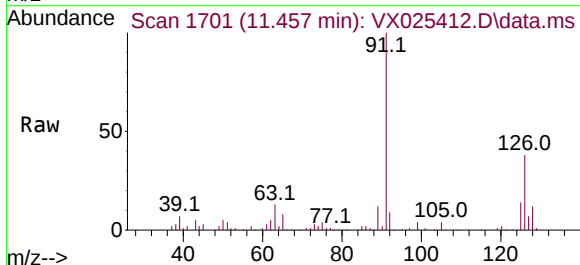
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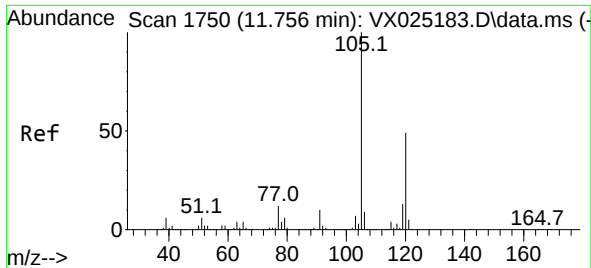
Tgt Ion: 91 Resp: 48131
Ion Ratio Lower Upper
91 100
126 36.1 17.0 50.9



#82
4-Chlorotoluene
Concen: 6.392 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

Tgt Ion: 91 Resp: 29407
Ion Ratio Lower Upper
91 100
126 36.5 14.9 44.5

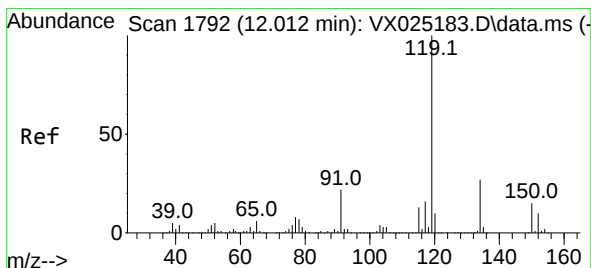
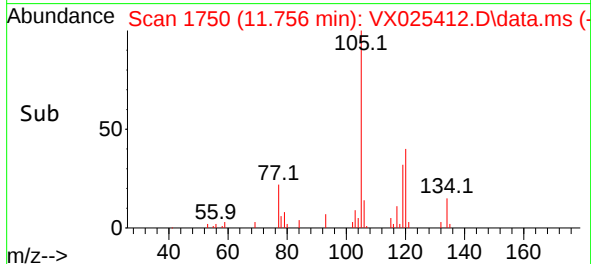
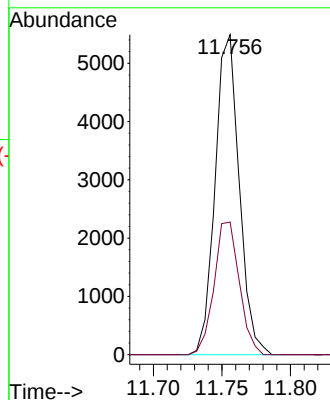
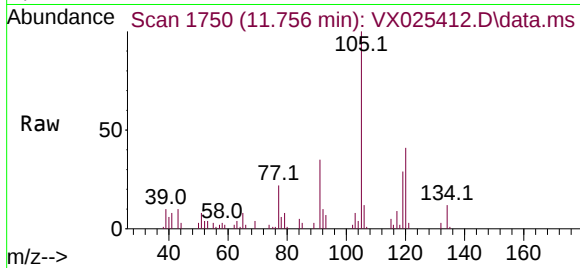




#84
1,2,4-Trimethylbenzene
Concen: 1.368 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

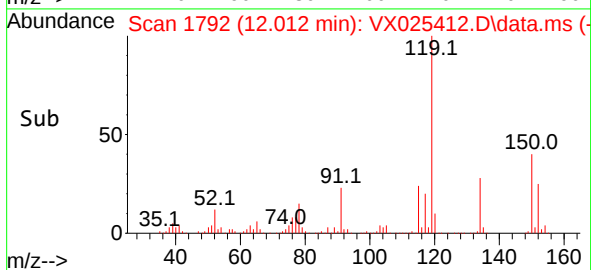
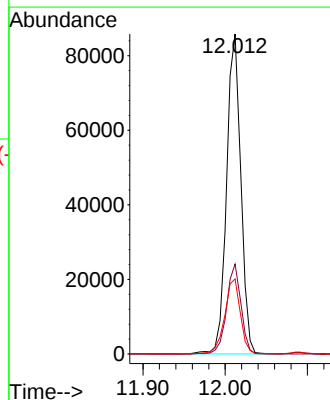
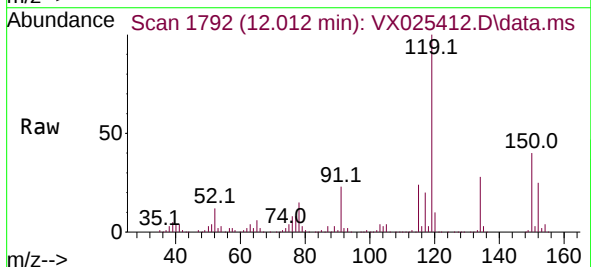
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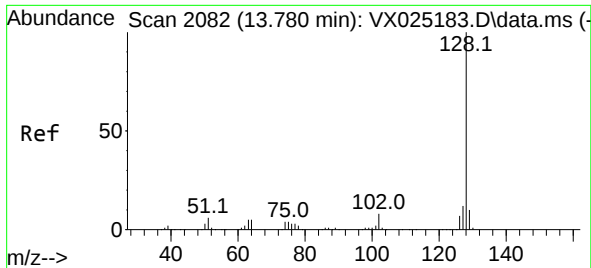
Tgt Ion:105 Resp: 6704
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.3



#86
p-Isopropyltoluene
Concen: 19.619 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

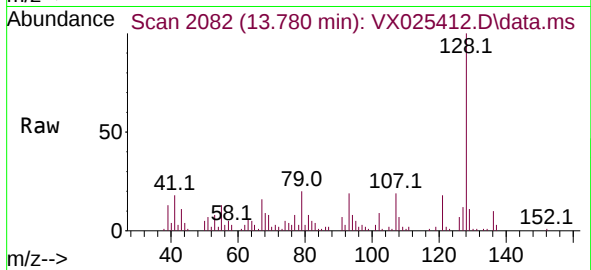
Tgt Ion:119 Resp: 103243
Ion Ratio Lower Upper
119 100
134 28.3 13.2 39.5
91 25.9 12.4 37.0





#95
Naphthalene
Concen: 1.497 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025412.D
Acq: 01 Dec 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:128 Resp: 10388
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.2 8.8 13.2

