

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025413.D
 Acq On : 01 Dec 2021 15:12
 Operator : JC/MD
 Sample : M4866-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16954

Quant Time: Dec 02 08:28:31 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)

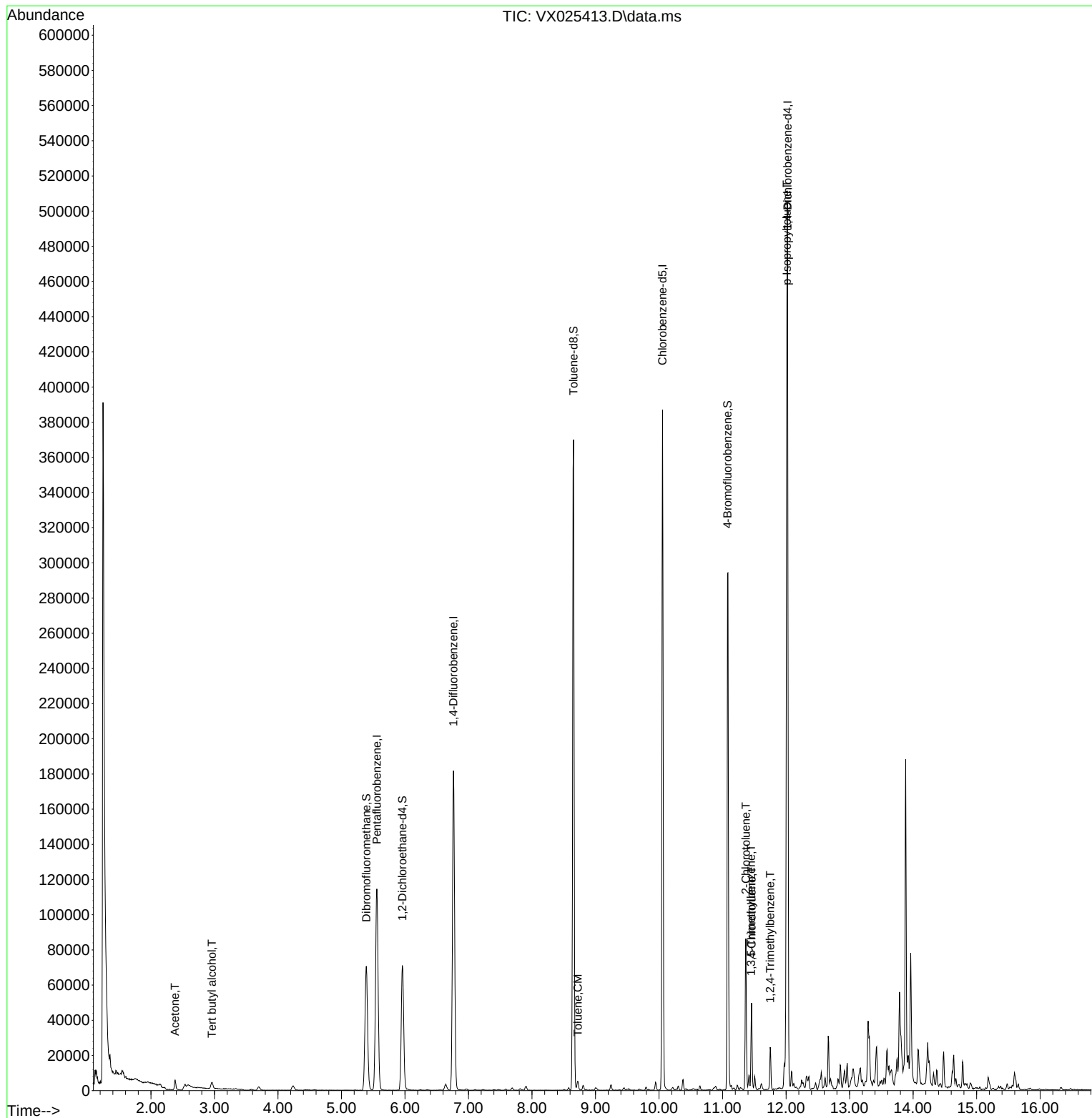
Internal Standards						
1) Pentafluorobenzene	5.556	168	117508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66854	53.975	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.940%		
35) Dibromofluoromethane	5.391	113	60853	50.809	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.620%		
50) Toluene-d8	8.653	98	226807	50.366	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.740%		
62) 4-Bromofluorobenzene	11.079	95	81474	47.825	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.640%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	4166	4.829	ug/l	99
16) Acetone	2.380	43	5607	8.147	ug/l	99
52) Toluene	8.720	92	1795	0.533	ug/l	94
79) 2-Chlorotoluene	11.366	91	36066	8.672	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1341	0.262	ug/l	97
82) 4-Chlorotoluene	11.457	91	20323	4.281	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	5358	1.060	ug/l	96
86) p-Isopropyltoluene	12.012	119	128316	23.629	ug/l	96

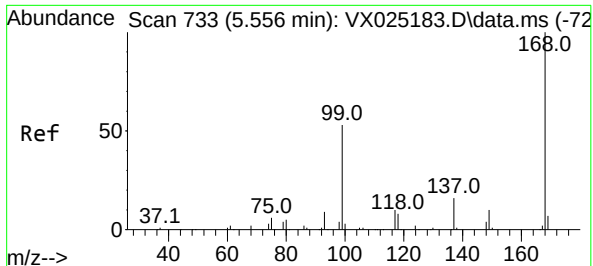
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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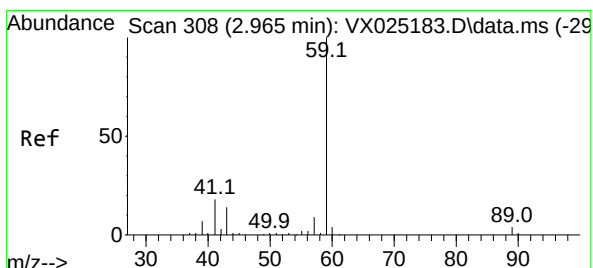
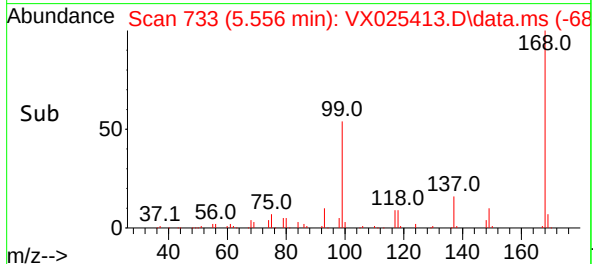
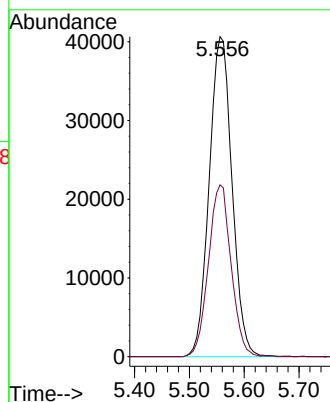
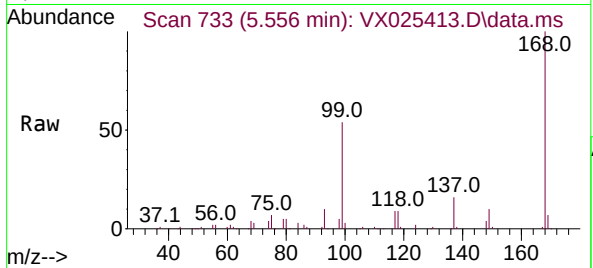




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025413.D
Acq: 01 Dec 2021 15:12

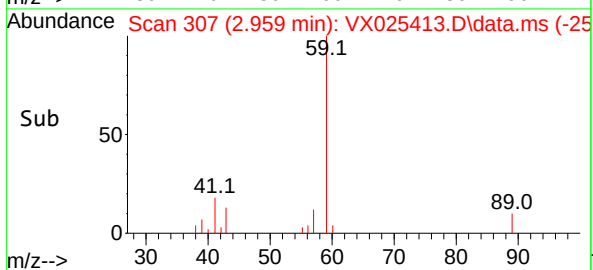
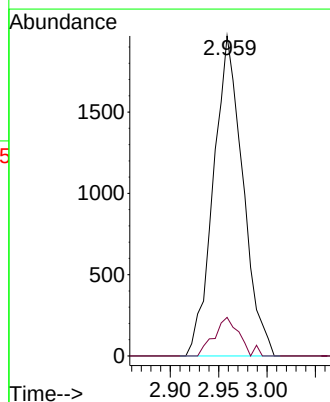
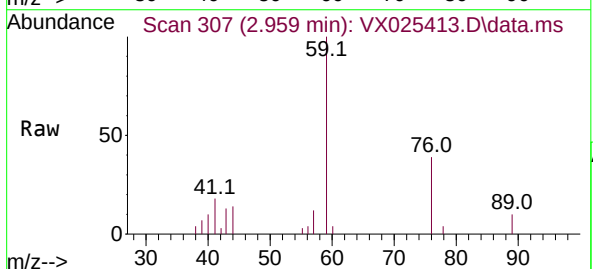
Instrument :
MSVOA_X
ClientSampleId :
16954

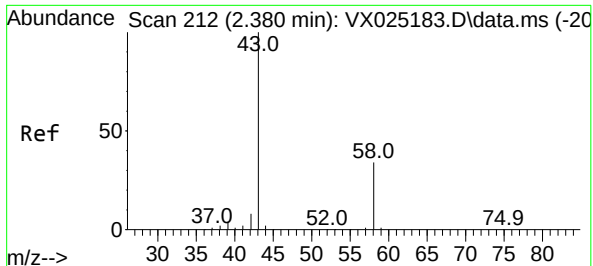
Tgt Ion:168 Resp: 117508
Ion Ratio Lower Upper
168 100
99 53.7 46.4 69.6



#11
Tert butyl alcohol
Concen: 4.829 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025413.D
Acq: 01 Dec 2021 15:12

Tgt Ion: 59 Resp: 4166
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

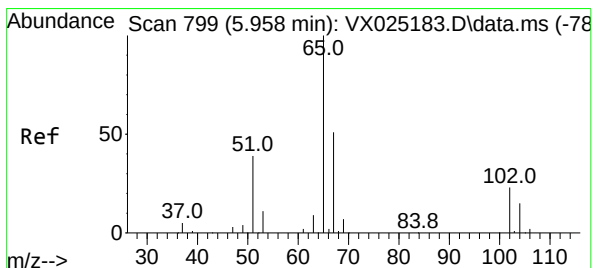
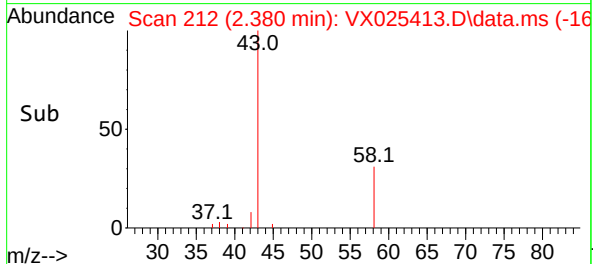
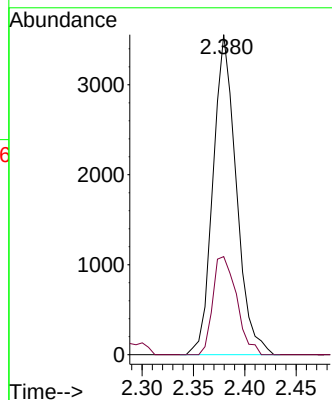
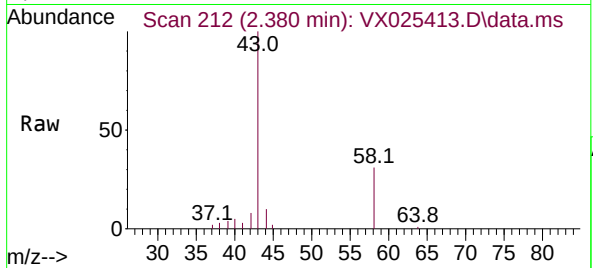




#16
Acetone
Concen: 8.147 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025413.D
Acq: 01 Dec 2021 15:12

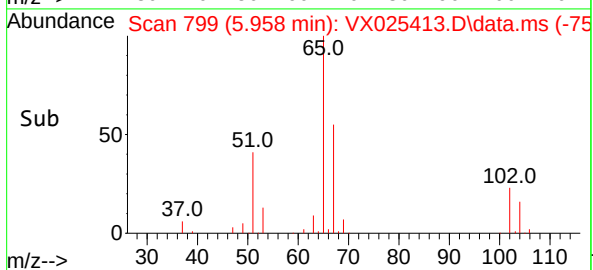
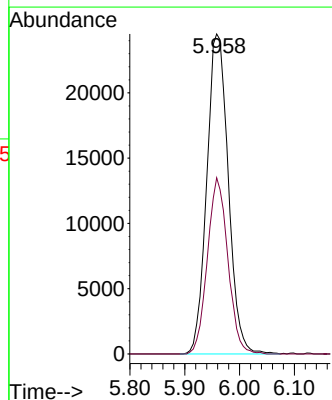
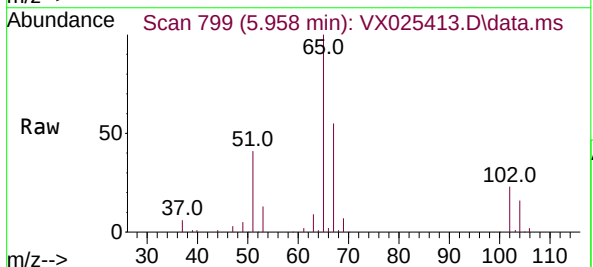
Instrument :
MSVOA_X
ClientSampleId :
16954

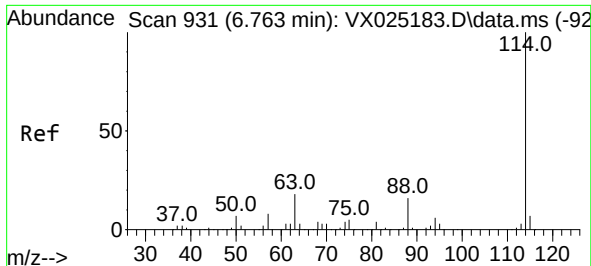
Tgt Ion: 43 Resp: 5607
Ion Ratio Lower Upper
43 100
58 30.6 24.0 36.0



#33
1,2-Dichloroethane-d4
Concen: 53.975 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025413.D
Acq: 01 Dec 2021 15:12

Tgt Ion: 65 Resp: 66854
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.0

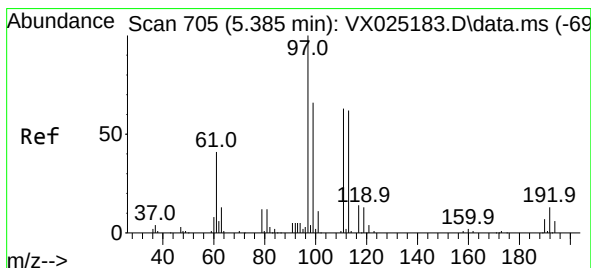
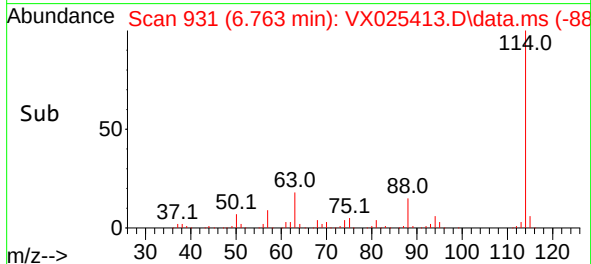
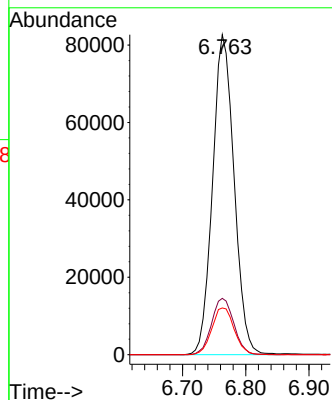
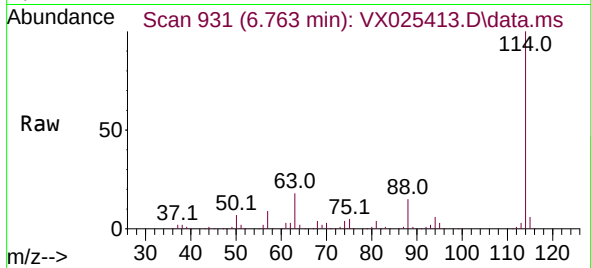




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025413.D
Acq: 01 Dec 2021 15:12

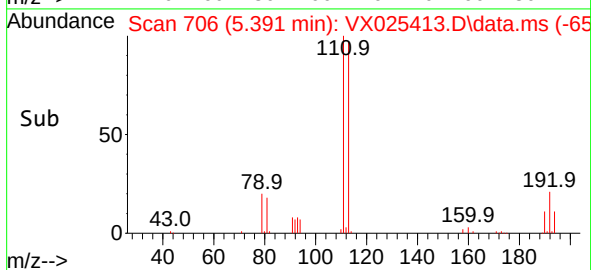
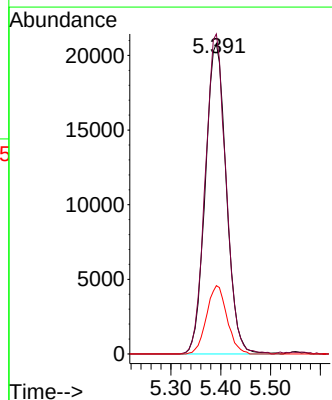
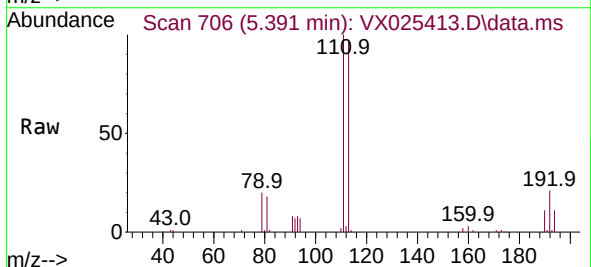
Instrument :
MSVOA_X
ClientSampleId :
16954

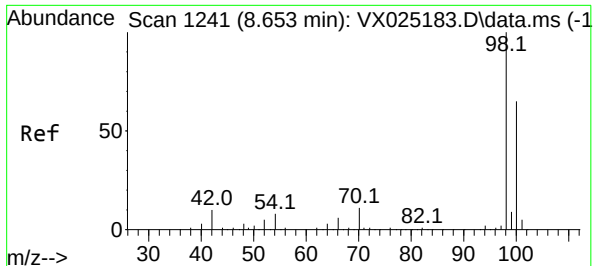
Tgt Ion:114 Resp: 195201
Ion Ratio Lower Upper
114 100
63 17.6 0.0 41.0
88 14.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.809 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025413.D
Acq: 01 Dec 2021 15:12

Tgt Ion:113 Resp: 60853
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 21.4 15.6 23.4





#50

Toluene-d8

Concen: 50.366 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025413.D

Acq: 01 Dec 2021 15:12

Instrument :

MSVOA_X

ClientSampleId :

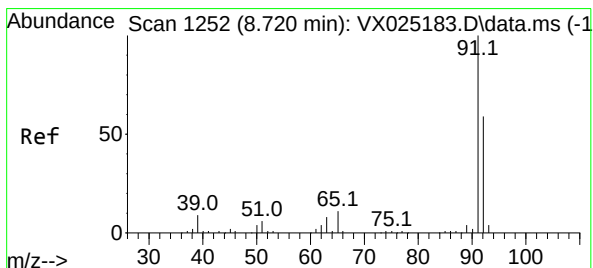
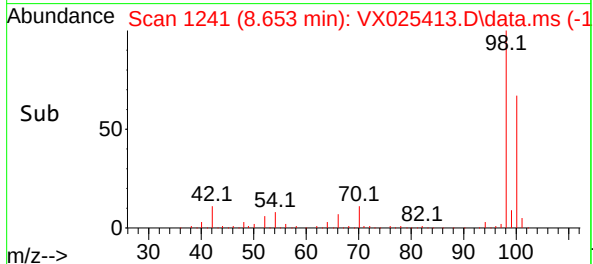
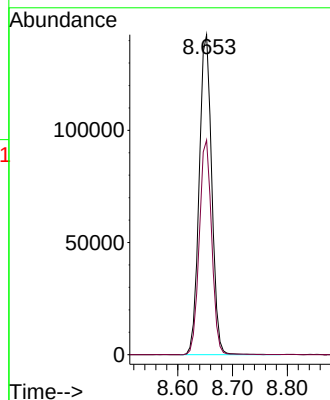
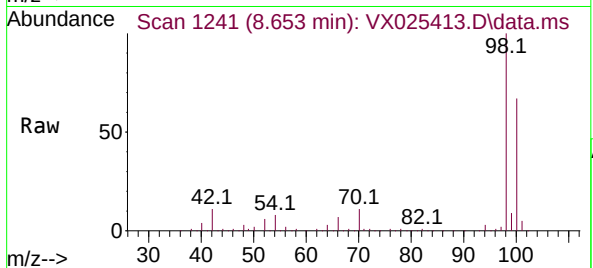
16954

Tgt Ion: 98 Resp: 226807

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.0



#52

Toluene

Concen: 0.533 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025413.D

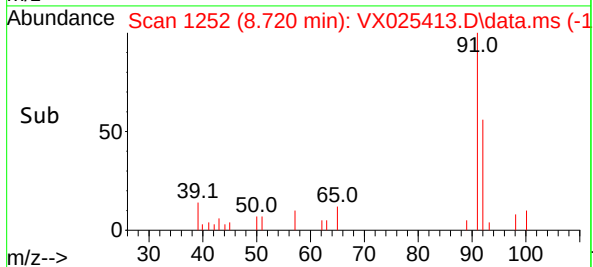
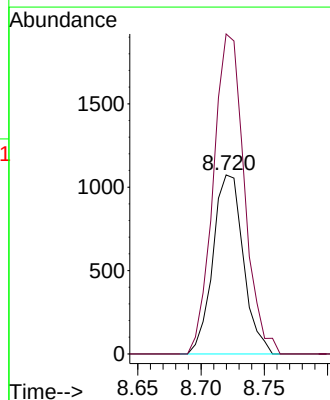
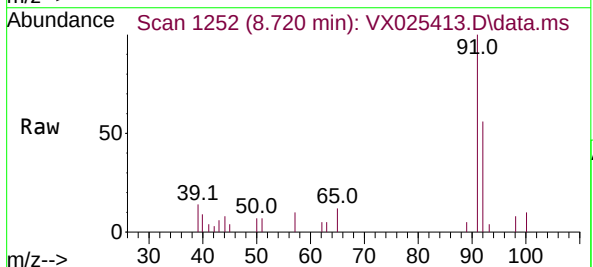
Acq: 01 Dec 2021 15:12

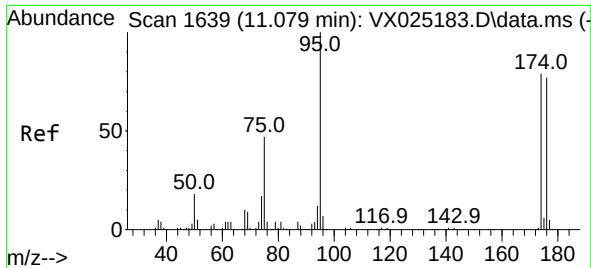
Tgt Ion: 92 Resp: 1795

Ion Ratio Lower Upper

92 100

91 182.2 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 47.825 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025413.D

Acq: 01 Dec 2021 15:12

Instrument :

MSVOA_X

ClientSampleId :

16954

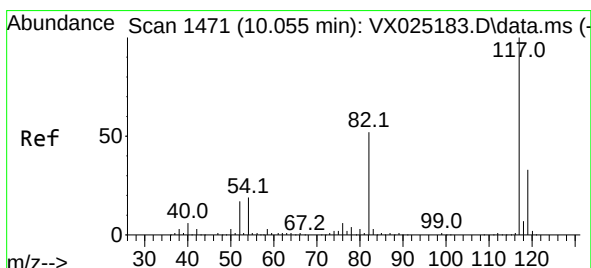
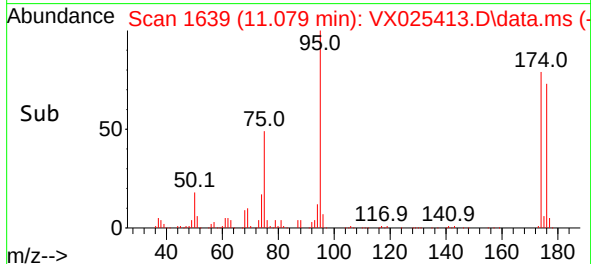
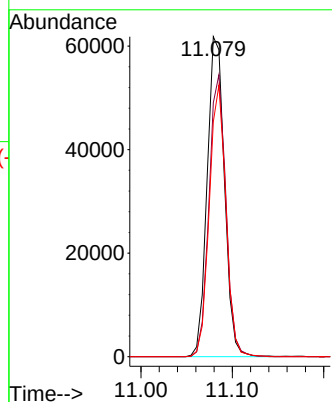
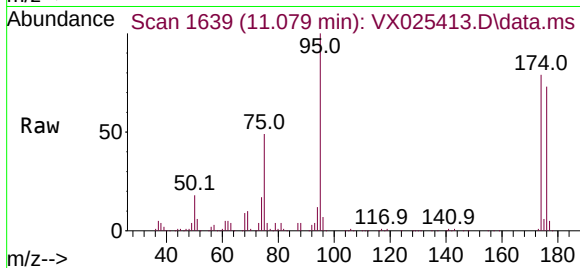
Tgt Ion: 95 Resp: 81474

Ion Ratio Lower Upper

95 100

174 86.0 0.0 158.0

176 81.7 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: VX025413.D

Acq: 01 Dec 2021 15:12

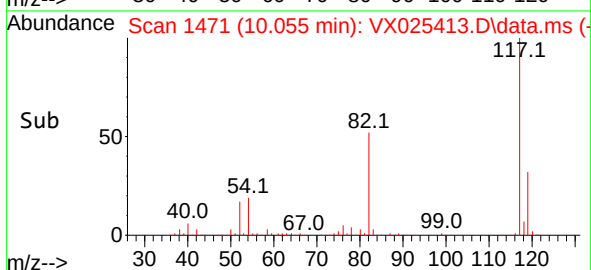
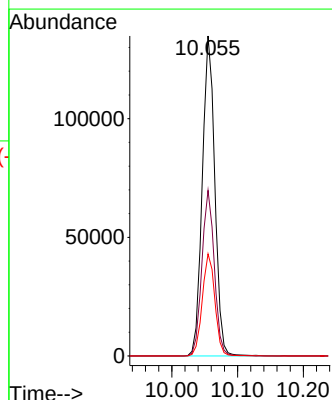
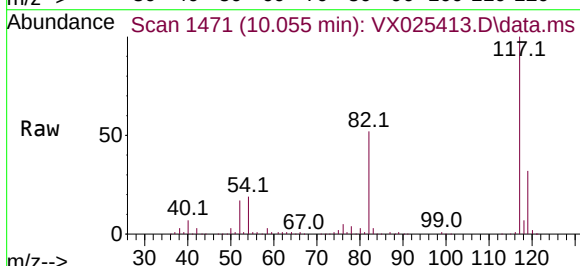
Tgt Ion: 117 Resp: 178696

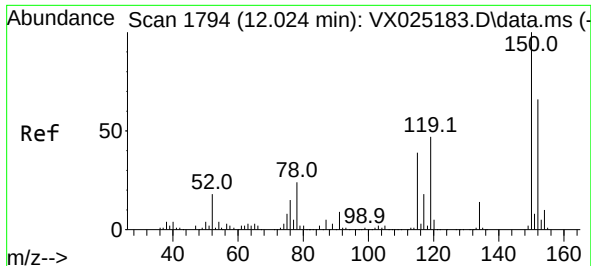
Ion Ratio Lower Upper

117 100

82 51.8 44.6 67.0

119 31.9 24.8 37.2

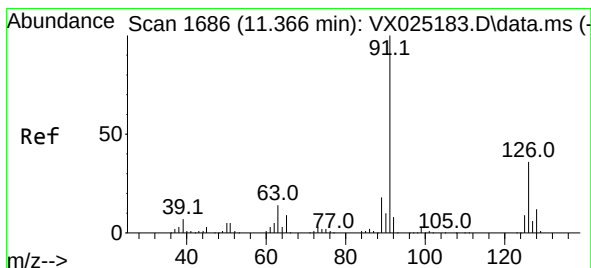
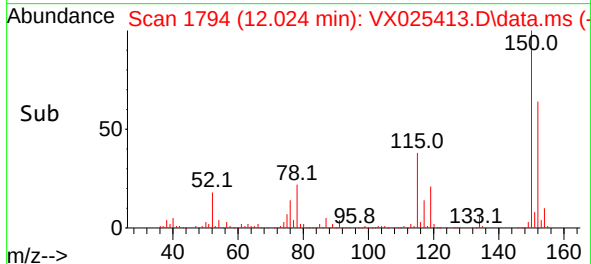
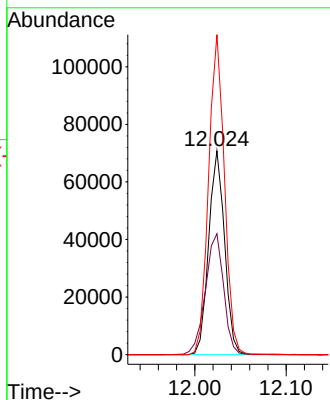
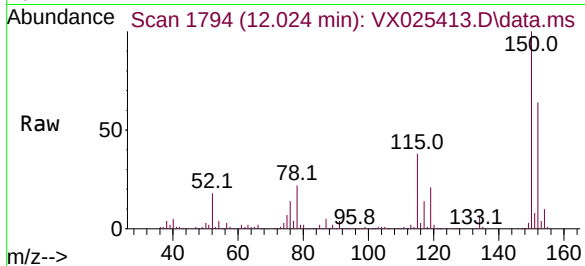




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX025413.D
 Acq: 01 Dec 2021 15:12

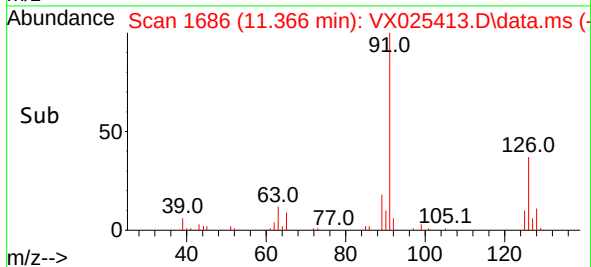
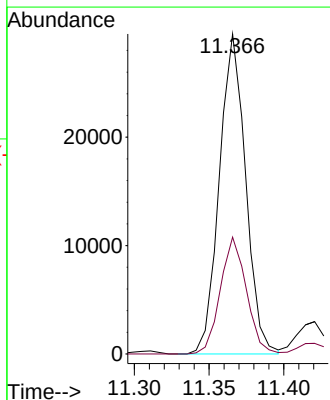
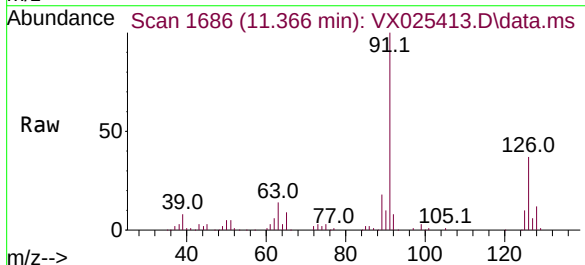
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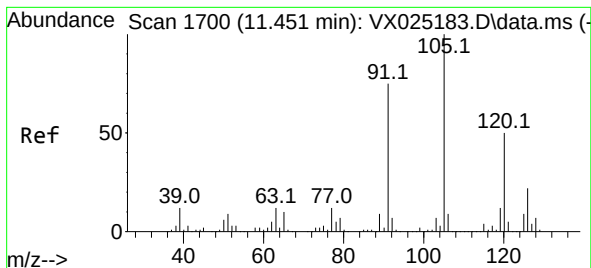
Tgt Ion:152 Resp: 85393
 Ion Ratio Lower Upper
 152 100
 115 68.3 43.3 129.8
 150 156.5 0.0 351.2



#79
 2-Chlorotoluene
 Concen: 8.672 ug/l
 RT: 11.366 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VX025413.D
 Acq: 01 Dec 2021 15:12

Tgt Ion: 91 Resp: 36066
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.0 50.9





#80

1,3,5-Trimethylbenzene

Concen: 0.262 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025413.D

Acq: 01 Dec 2021 15:12

Instrument :

MSVOA_X

ClientSampleId :

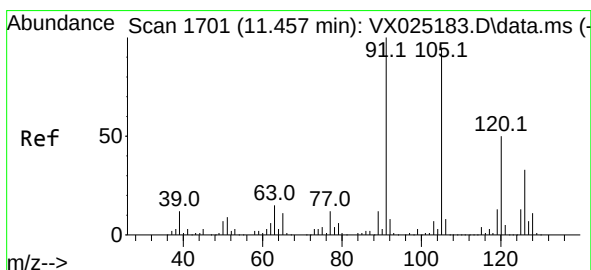
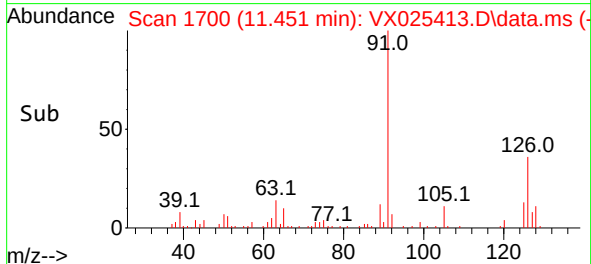
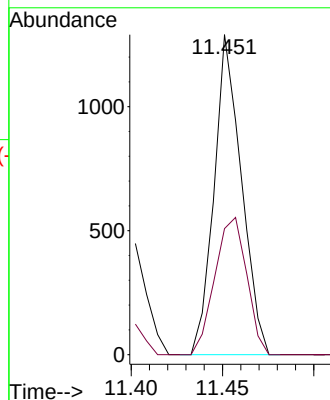
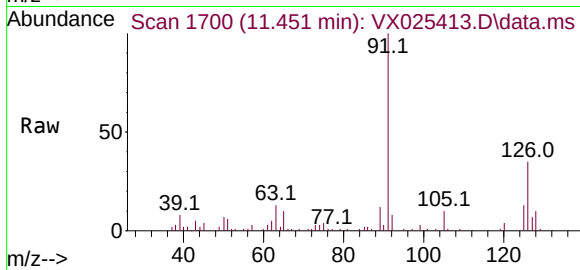
16954

Tgt Ion:105 Resp: 1341

Ion Ratio Lower Upper

105 100

120 50.0 23.8 71.5



#82

4-Chlorotoluene

Concen: 4.281 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX025413.D

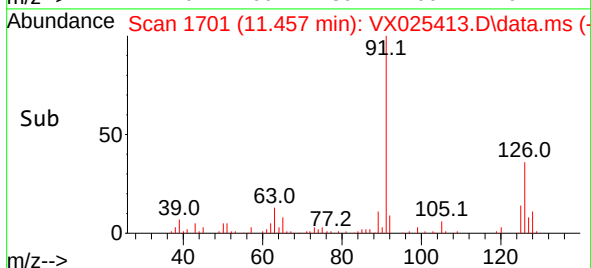
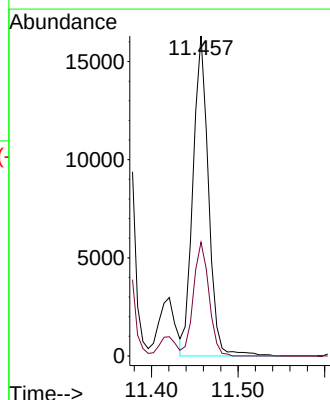
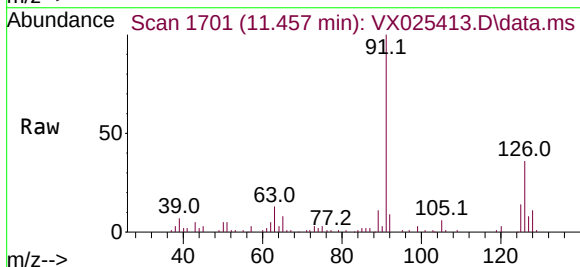
Acq: 01 Dec 2021 15:12

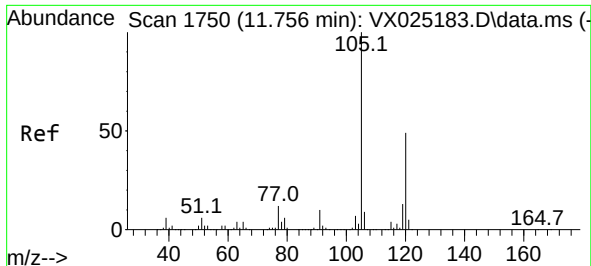
Tgt Ion: 91 Resp: 20323

Ion Ratio Lower Upper

91 100

126 35.4 14.9 44.5

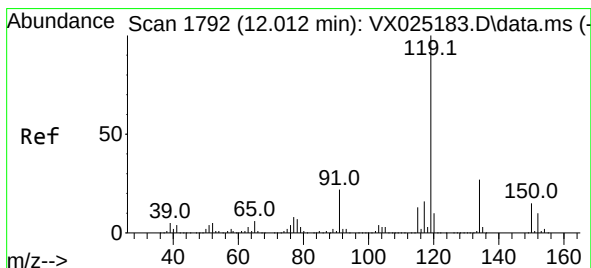
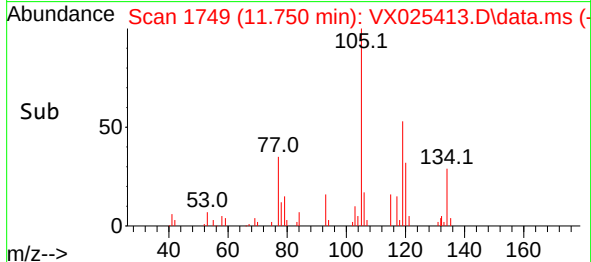
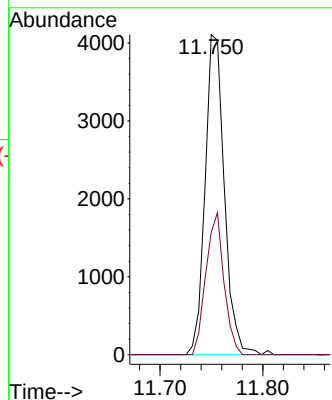
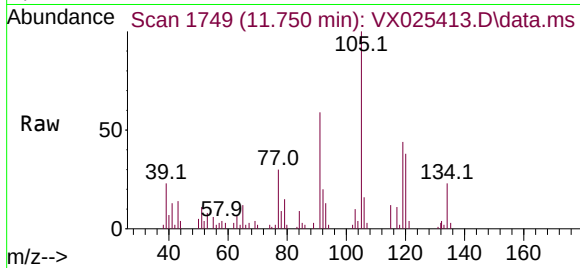




#84
1,2,4-Trimethylbenzene
Concen: 1.060 ug/l
RT: 11.750 min Scan# 11750
Delta R.T. -0.006 min
Lab File: VX025413.D
Acq: 01 Dec 2021 15:12

Instrument :
MSVOA_X
ClientSampleId :
16954

Tgt Ion:105 Resp: 5358
Ion Ratio Lower Upper
105 100
120 41.5 22.1 66.3



#86
p-Isopropyltoluene
Concen: 23.629 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX025413.D
Acq: 01 Dec 2021 15:12

Tgt Ion:119 Resp: 128316
Ion Ratio Lower Upper
119 100
134 28.1 13.2 39.5
91 26.6 12.4 37.0

