

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044114.D
 Acq On : 04 Dec 2024 14:10
 Operator : JC/MD
 Sample : P5006-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C5-2

Quant Time: Dec 05 00:26:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

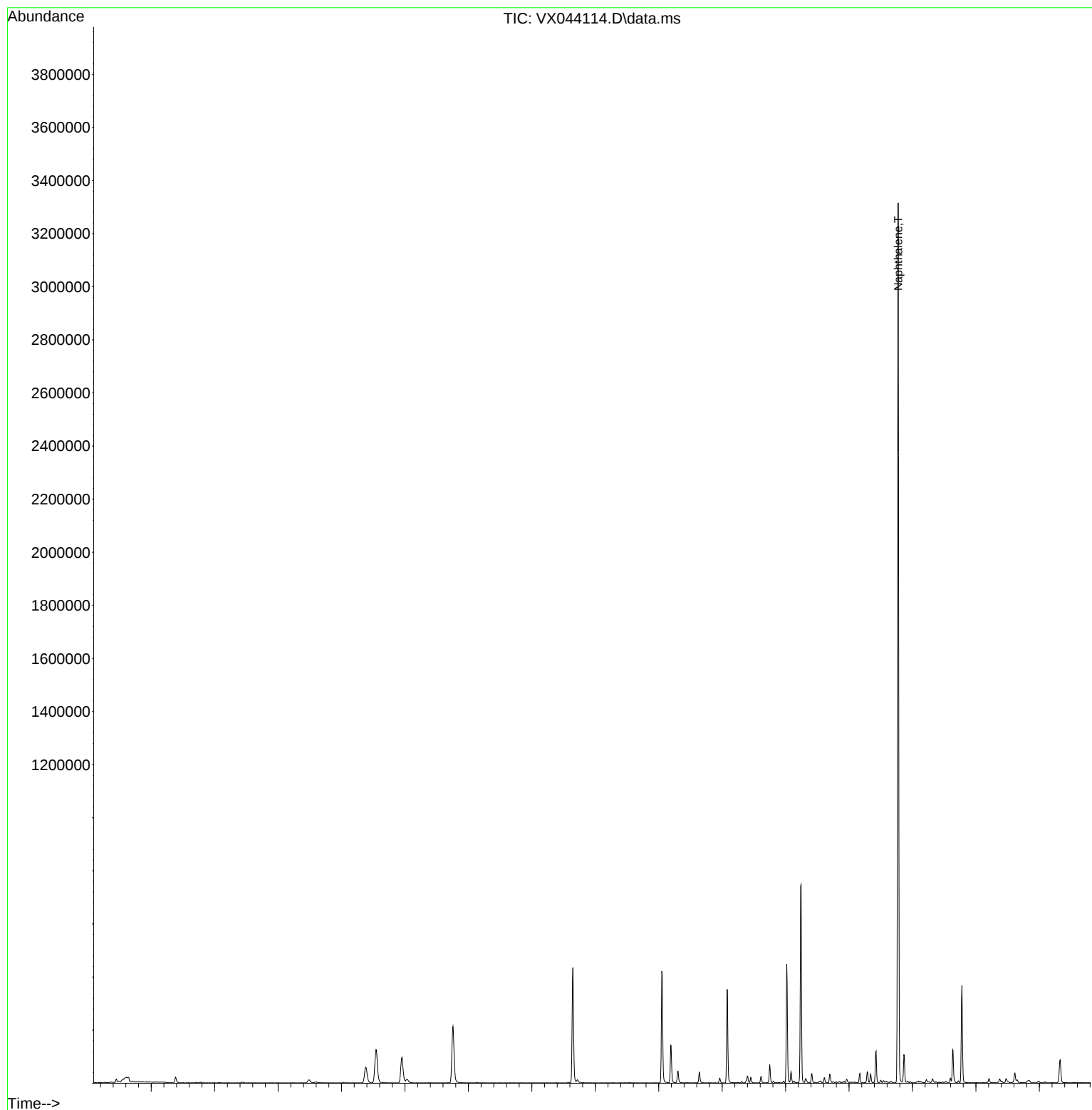
Internal Standards						
1) Pentafluorobenzene	5.544	168	108365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95246	51.245	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.480%		
35) Dibromofluoromethane	5.379	113	51327	34.304	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 68.600%#		
50) Toluene-d8	8.647	98	253841	49.216	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.440%		
62) 4-Bromofluorobenzene	11.079	95	90349	51.472	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 102.940%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	23665	27.722	ug/l	95
18) Methyl Acetate	2.709	43	2218	1.116	ug/l #	90
27) cis-1,2-Dichloroethene	4.483	96	7450	4.675	ug/l	89
40) Benzene	6.031	78	14869	2.560	ug/l	98
52) Toluene	8.720	92	3853	1.108	ug/l	97
67) Ethyl Benzene	10.195	91	87364	12.749	ug/l	99
68) m/p-Xylenes	10.299	106	11423	4.470	ug/l	96
69) o-Xylene	10.646	106	8786	3.521	ug/l	99
73) Isopropylbenzene	10.963	105	9563	1.530	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	8366	1.627	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	28671	5.600	ug/l	99
95) Naphthalene	13.774	128	1795619	308.730	ug/l	100

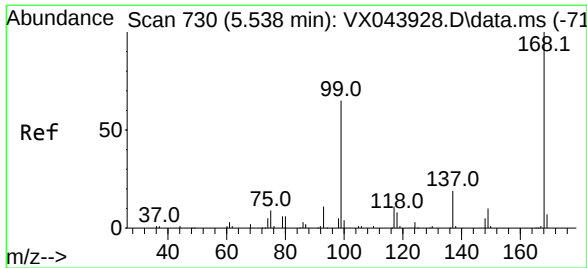
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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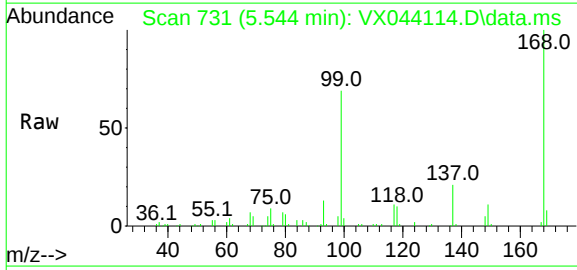
Quant Time: Dec 05 00:26:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
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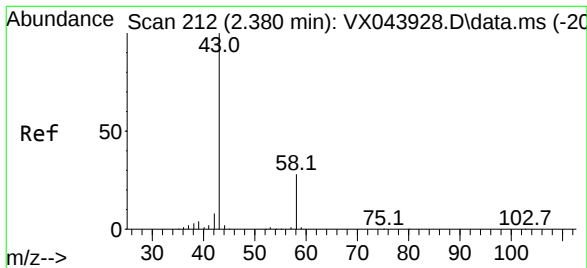
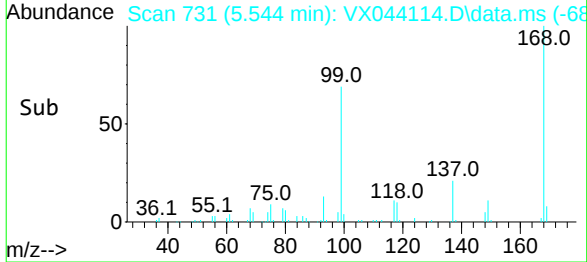
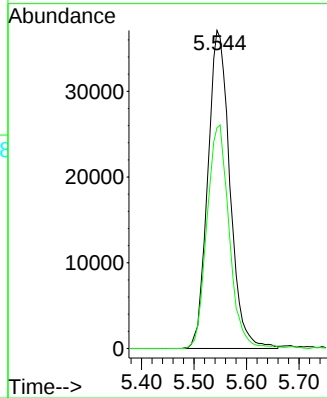


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-2

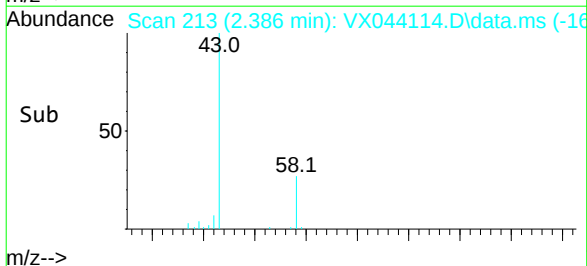
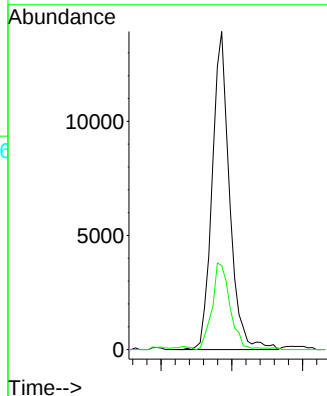
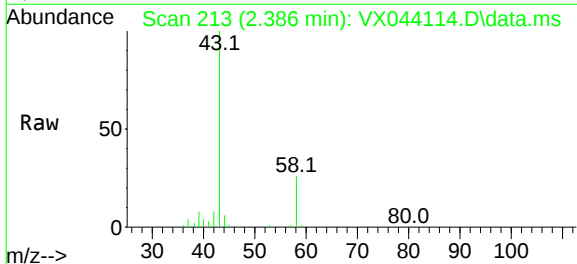


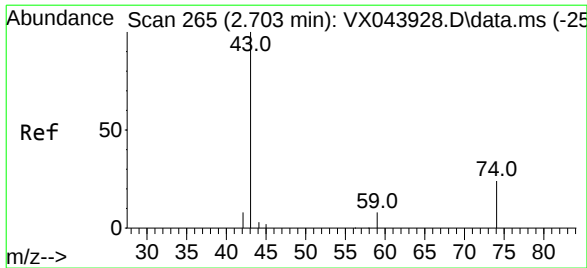
Tgt Ion: 168 Resp: 108365
Ion Ratio Lower Upper
168 100
99 69.4 51.8 77.8



#16
Acetone
Concen: 27.722 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

Tgt Ion: 43 Resp: 23665
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1





#18

Methyl Acetate

Concen: 1.116 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

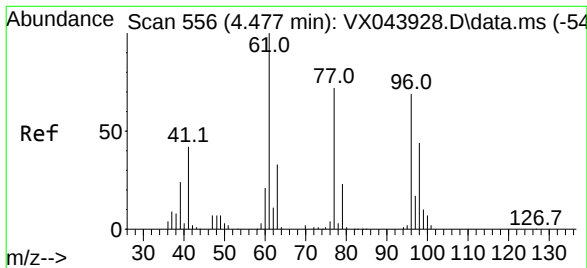
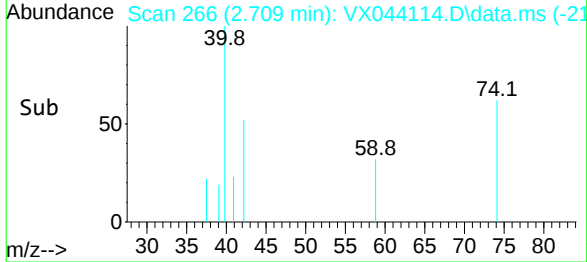
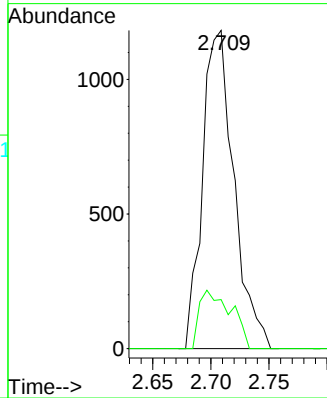
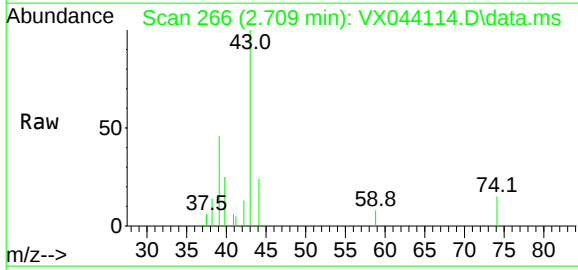
SPLP-C5-2

Tgt Ion: 43 Resp: 2218

Ion Ratio Lower Upper

43 100

74 18.5 18.9 28.3#



#27

cis-1,2-Dichloroethene

Concen: 4.675 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

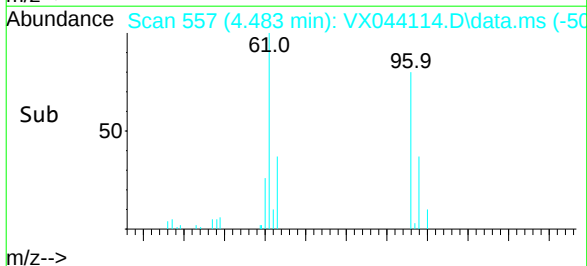
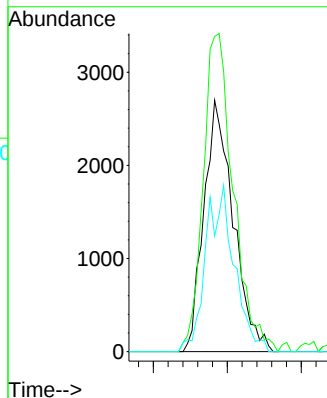
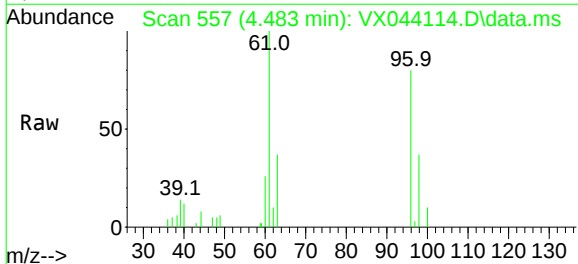
Tgt Ion: 96 Resp: 7450

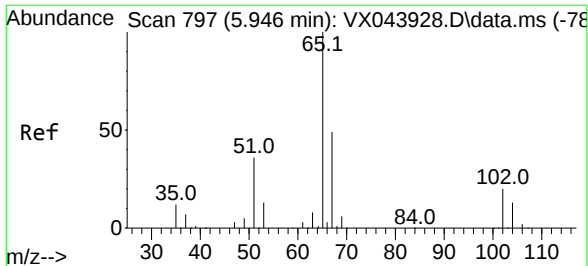
Ion Ratio Lower Upper

96 100

61 129.6 0.0 297.4

98 63.8 0.0 127.8

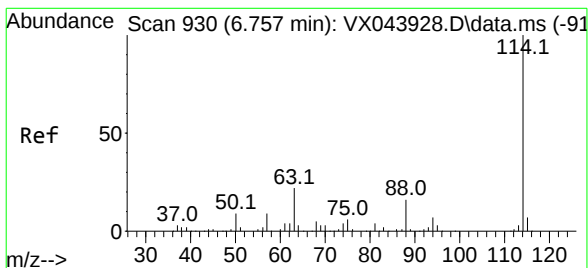
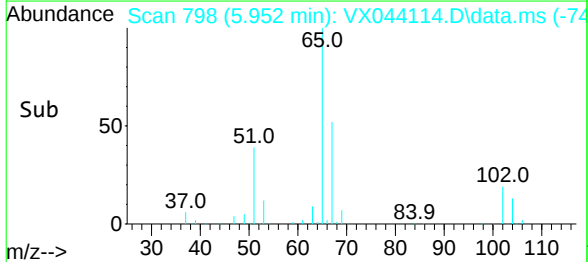
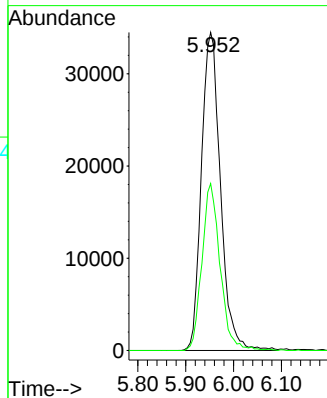
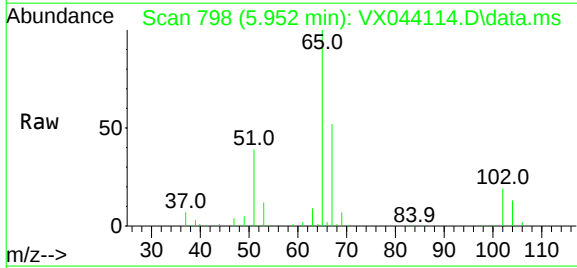




#33
1,2-Dichloroethane-d4
Concen: 51.245 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

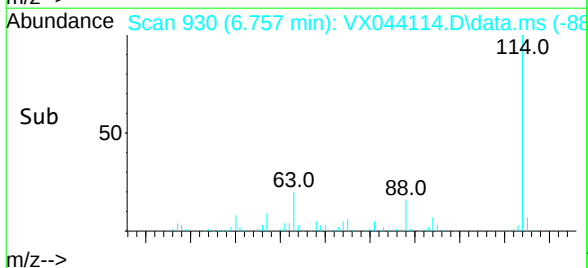
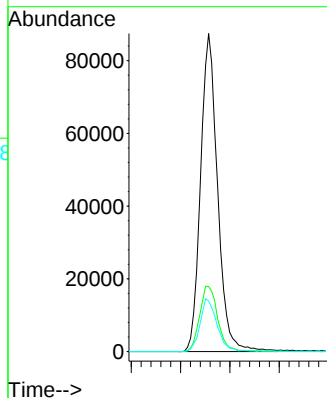
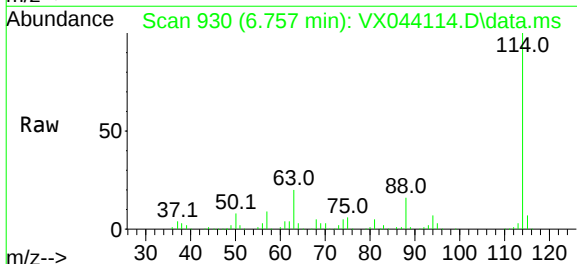
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-2

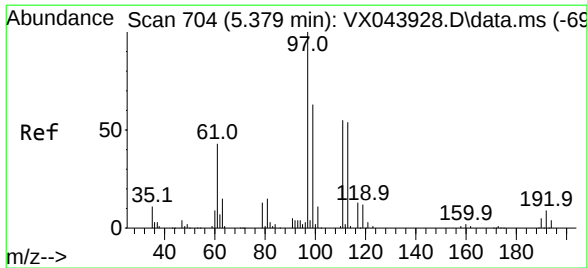
Tgt Ion: 65 Resp: 95246
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

Tgt Ion: 114 Resp: 209397
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.0
88 15.9 0.0 32.4

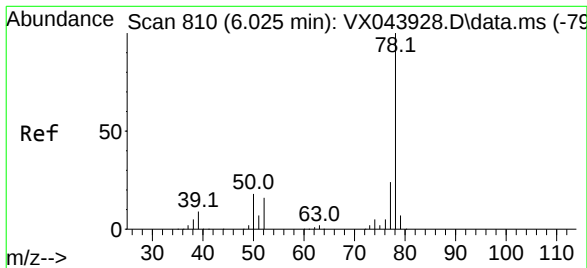
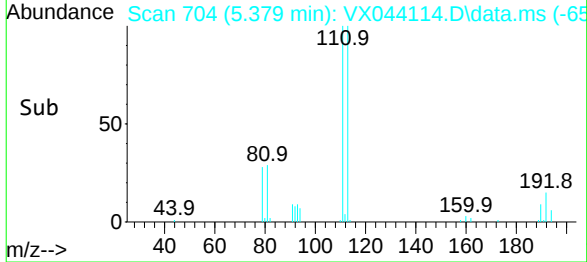
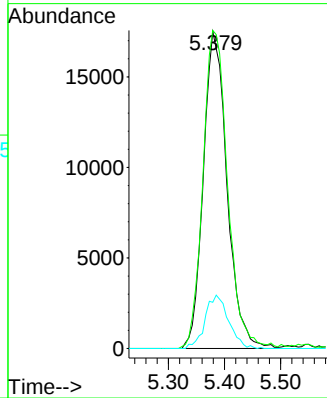
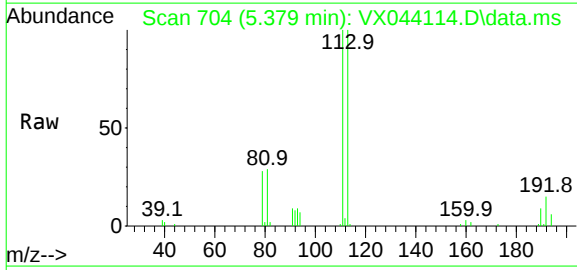




#35
Dibromofluoromethane
Concen: 34.304 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

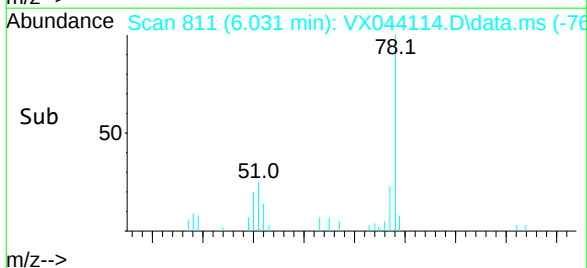
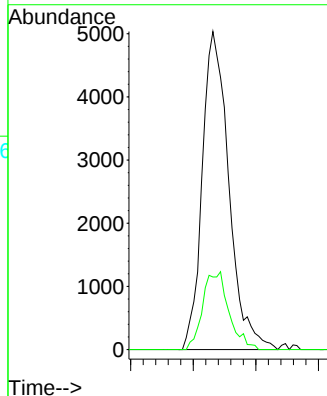
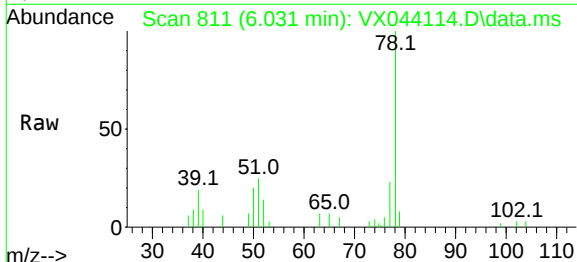
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-2

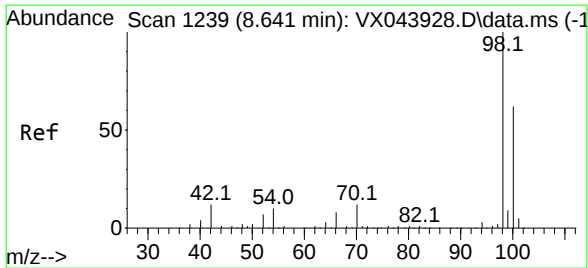
Tgt Ion:113 Resp: 51327
Ion Ratio Lower Upper
113 100
111 104.5 81.0 121.4
192 16.7 13.0 19.6



#40
Benzene
Concen: 2.560 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

Tgt Ion: 78 Resp: 14869
Ion Ratio Lower Upper
78 100
77 22.8 19.2 28.8





#50

Toluene-d8

Concen: 49.216 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

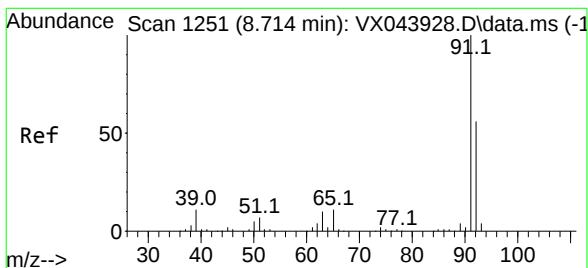
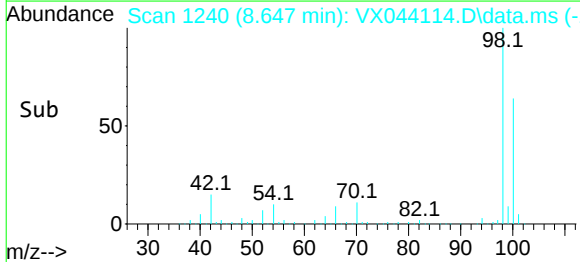
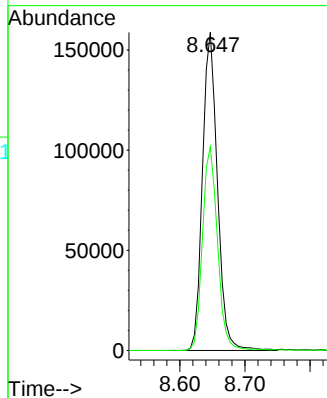
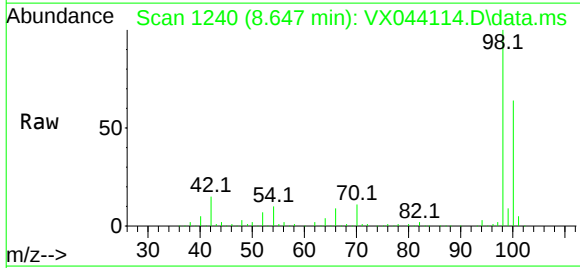
SPLP-C5-2

Tgt Ion: 98 Resp: 253841

Ion Ratio Lower Upper

98 100

100 63.9 52.6 79.0



#52

Toluene

Concen: 1.108 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044114.D

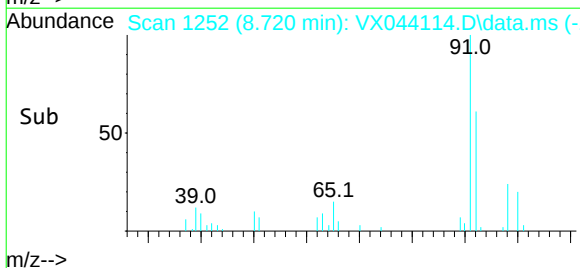
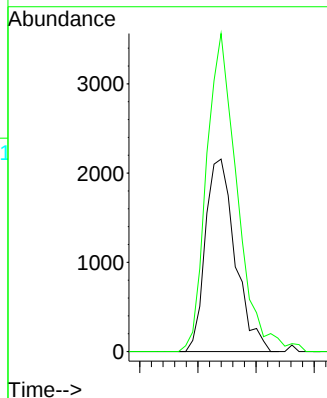
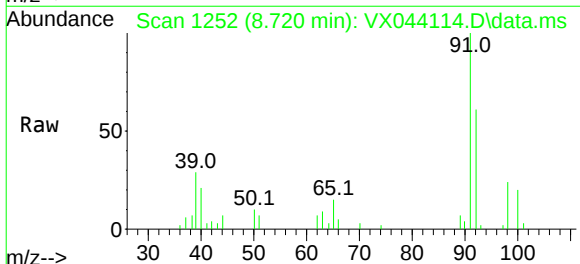
Acq: 04 Dec 2024 14:10

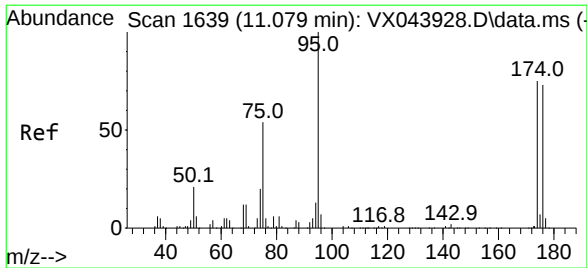
Tgt Ion: 92 Resp: 3853

Ion Ratio Lower Upper

92 100

91 169.9 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 51.472 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044114.D

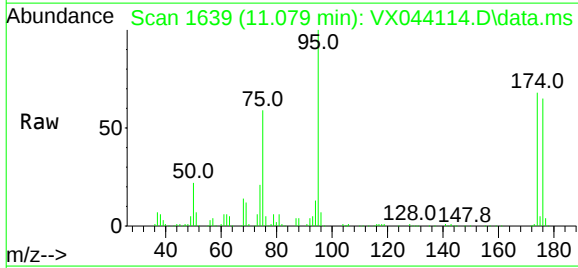
Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-2



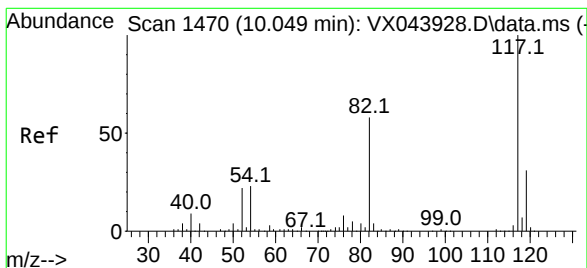
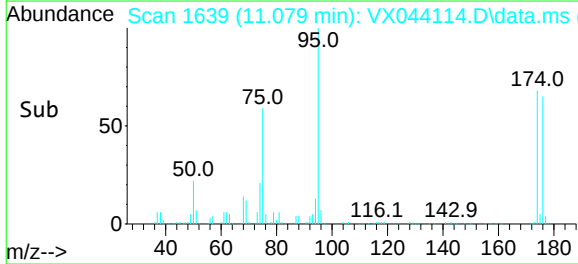
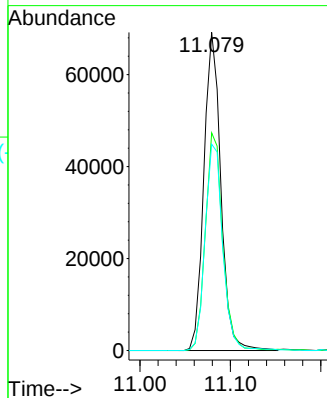
Tgt Ion: 95 Resp: 90349

Ion Ratio Lower Upper

95 100

174 69.4 0.0 150.4

176 67.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

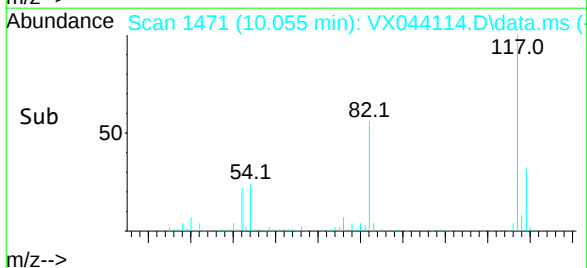
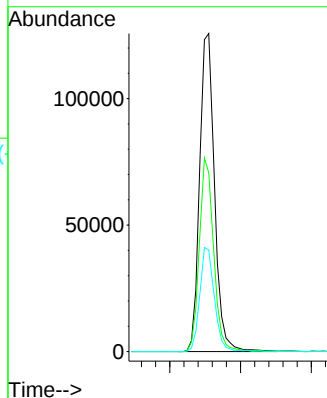
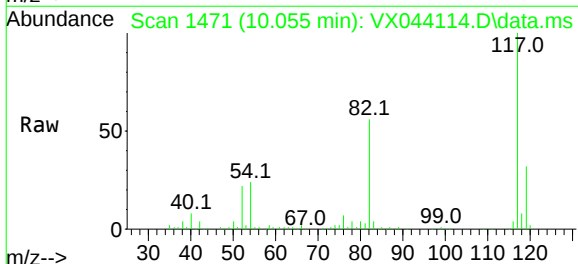
Tgt Ion: 117 Resp: 184133

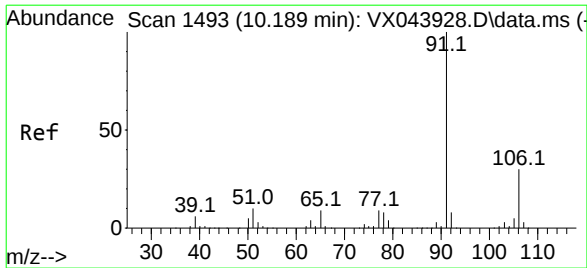
Ion Ratio Lower Upper

117 100

82 56.3 46.4 69.6

119 32.0 24.6 37.0





#67

Ethyl Benzene

Concen: 12.749 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

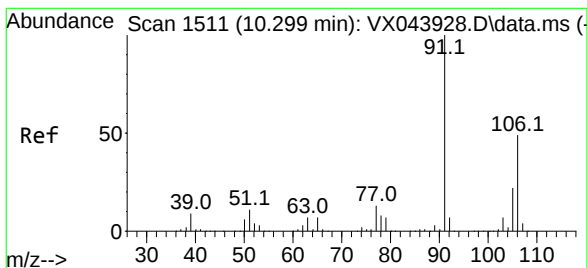
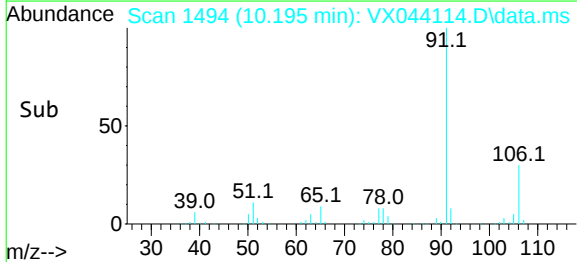
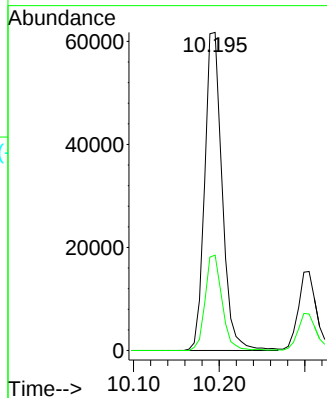
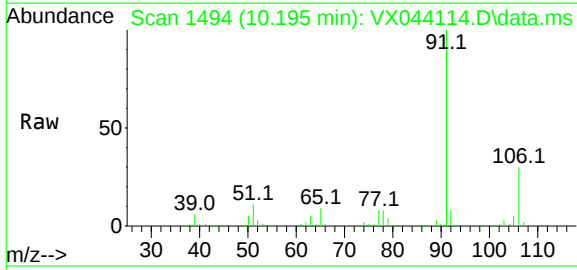
SPLP-C5-2

Tgt Ion: 91 Resp: 87364

Ion Ratio Lower Upper

91 100

106 30.0 23.6 35.4



#68

m/p-Xylenes

Concen: 4.470 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044114.D

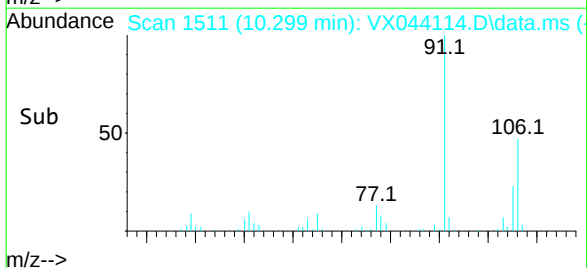
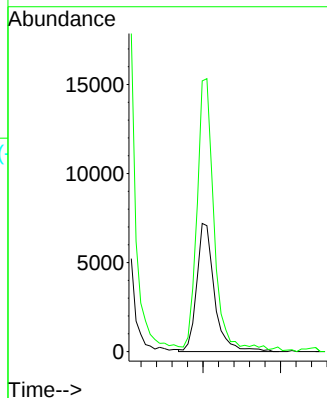
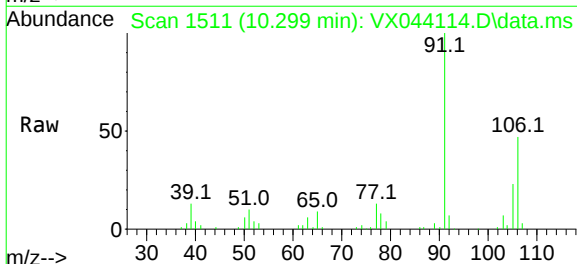
Acq: 04 Dec 2024 14:10

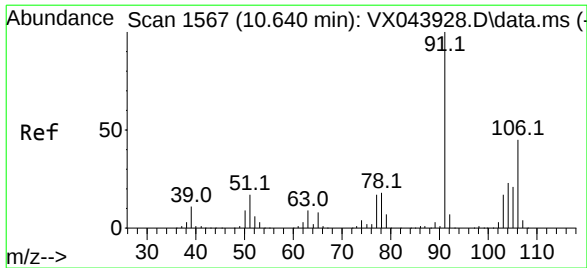
Tgt Ion: 106 Resp: 11423

Ion Ratio Lower Upper

106 100

91 203.9 168.1 252.1





#69

o-Xylene

Concen: 3.521 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

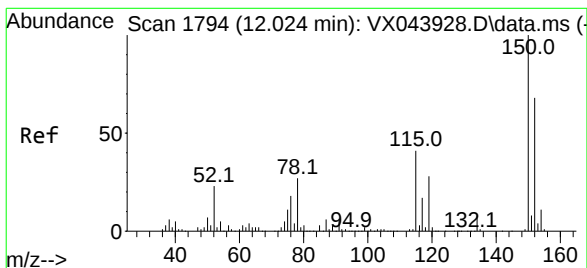
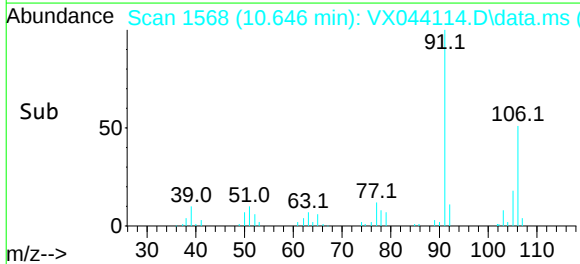
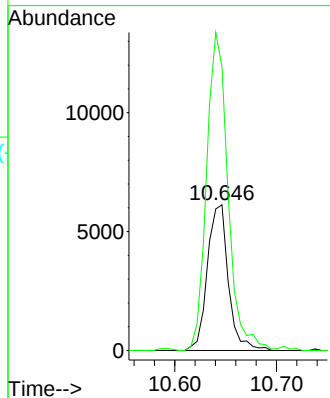
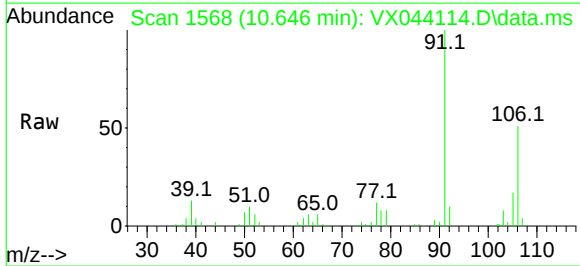
SPLP-C5-2

Tgt Ion:106 Resp: 8786

Ion Ratio Lower Upper

106 100

91 222.7 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

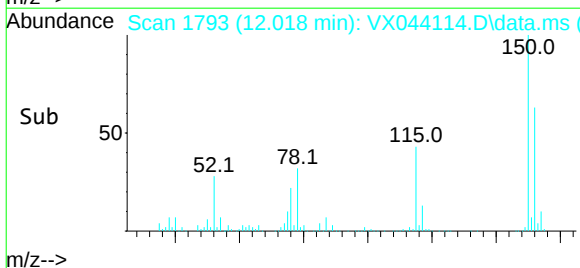
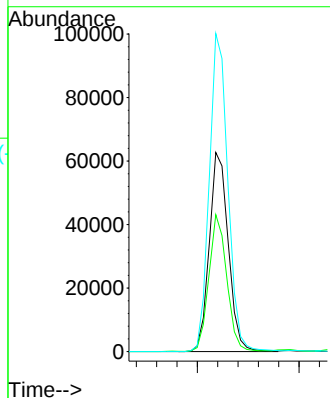
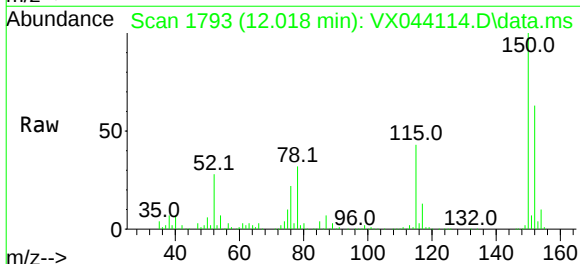
Tgt Ion:152 Resp: 81312

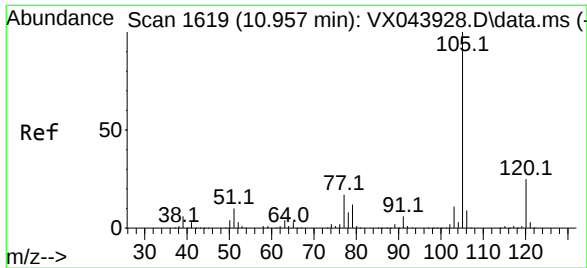
Ion Ratio Lower Upper

152 100

115 64.6 45.4 136.2

150 156.5 0.0 353.0





#73

Isopropylbenzene

Concen: 1.530 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

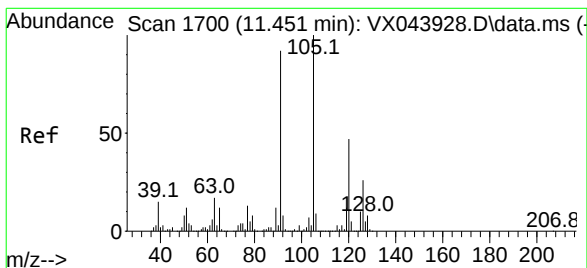
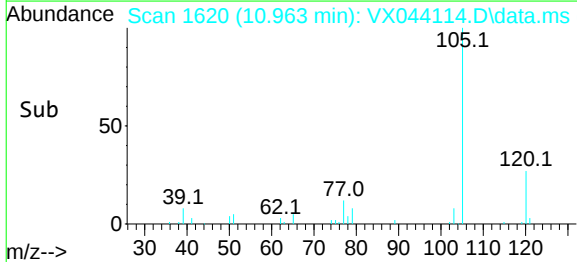
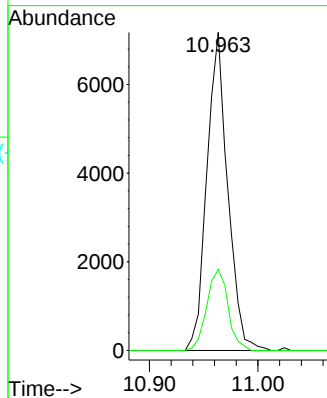
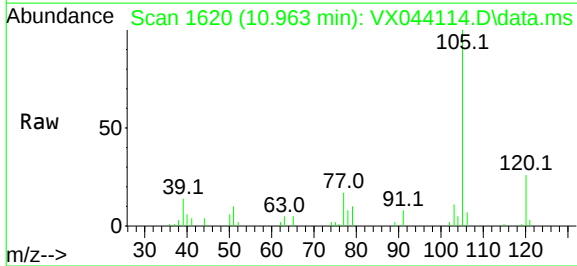
SPLP-C5-2

Tgt Ion:105 Resp: 9563

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.627 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044114.D

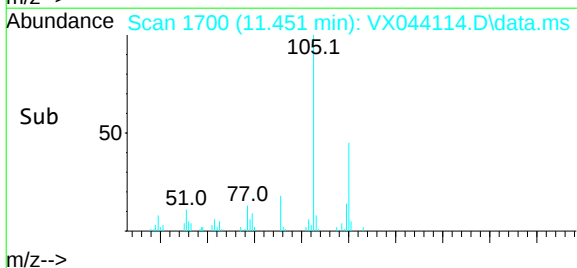
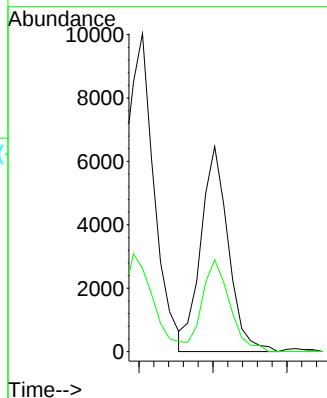
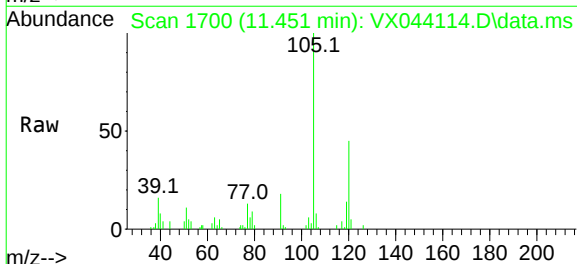
Acq: 04 Dec 2024 14:10

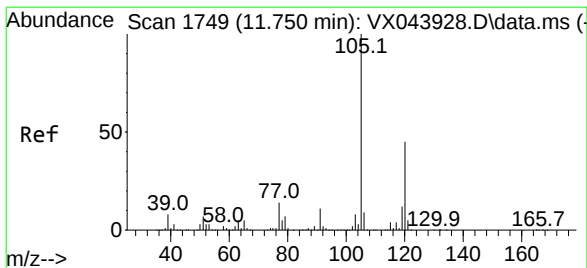
Tgt Ion:105 Resp: 8366

Ion Ratio Lower Upper

105 100

120 44.2 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 5.600 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

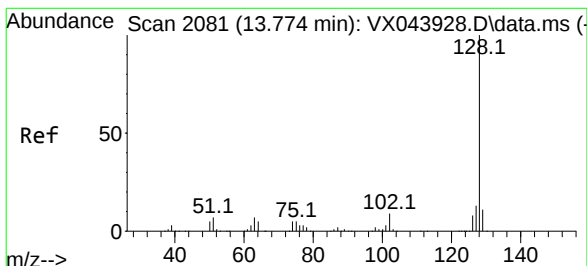
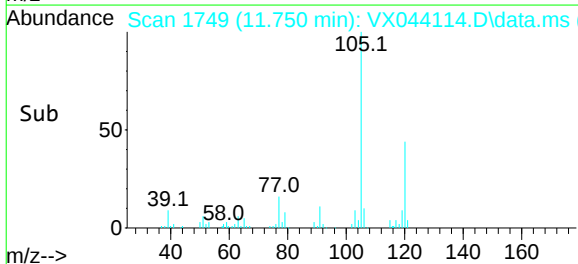
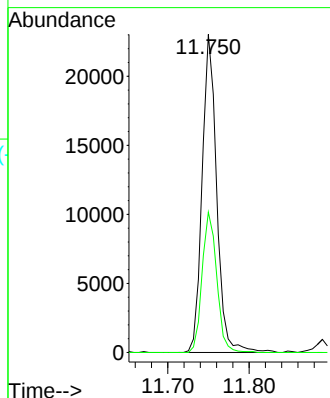
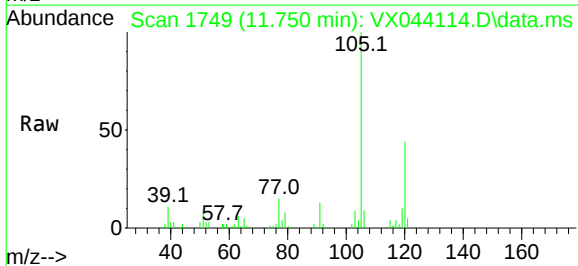
SPLP-C5-2

Tgt Ion:105 Resp: 28671

Ion Ratio Lower Upper

105 100

120 44.2 21.9 65.7



#95

Naphthalene

Concen: 308.730 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Tgt Ion:128 Resp: 1795619

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.6 12.8

