

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044120.D
 Acq On : 04 Dec 2024 16:29
 Operator : JC/MD
 Sample : P5006-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C5-1RE

Quant Time: Dec 05 00:30:00 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)

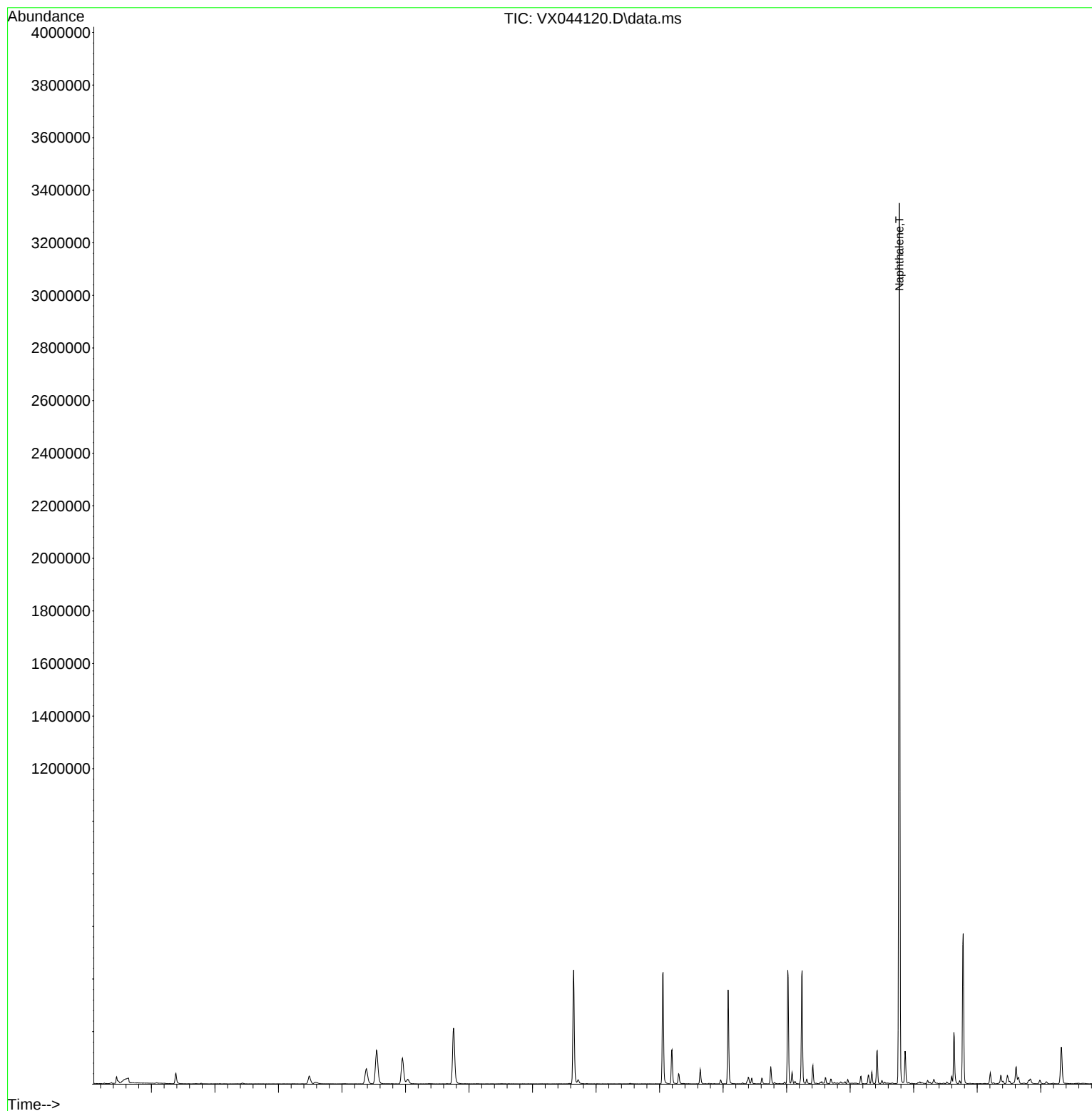
Internal Standards						
1) Pentafluorobenzene	5.544	168	108075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96083	51.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	5.385	113	48761	32.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 65.860%#			
50) Toluene-d8	8.647	98	253540	49.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.340%			
62) 4-Bromofluorobenzene	11.079	95	90117	51.874	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.740%			
Target Compounds						
16) Acetone	2.386	43	43853	51.508	ug/l	97
25) 2-Butanone	4.587	43	8542	7.776	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	17480	10.999	ug/l	90
40) Benzene	6.037	78	18901	3.288	ug/l	97
52) Toluene	8.726	92	5213	1.515	ug/l	95
67) Ethyl Benzene	10.195	91	78816	11.494	ug/l	98
68) m/p-Xylenes	10.299	106	9147	3.577	ug/l	93
69) o-Xylene	10.640	106	11067	4.433	ug/l	92
73) Isopropylbenzene	10.963	105	7919	1.286	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	8548	1.687	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	28677	5.684	ug/l	99
95) Naphthalene	13.774	128	1846604	322.192	ug/l	99

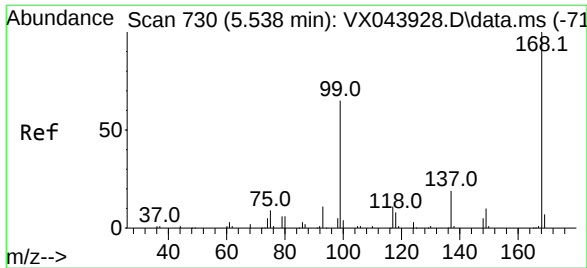
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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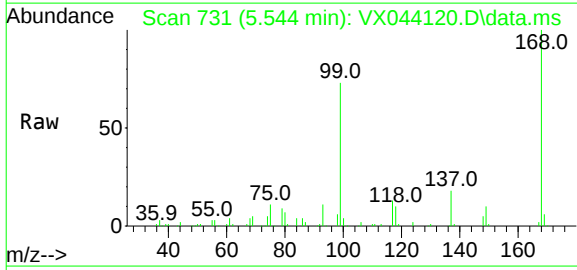
Quant Time: Dec 05 00:30:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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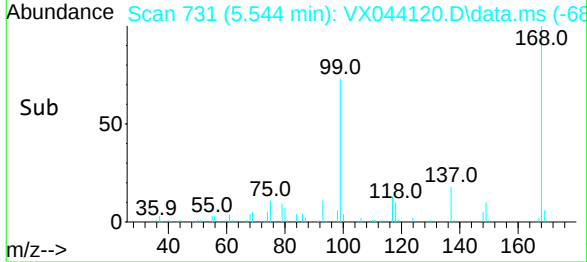
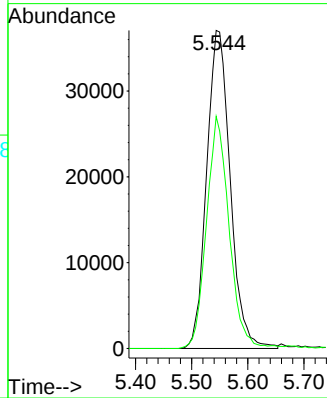


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-1RE

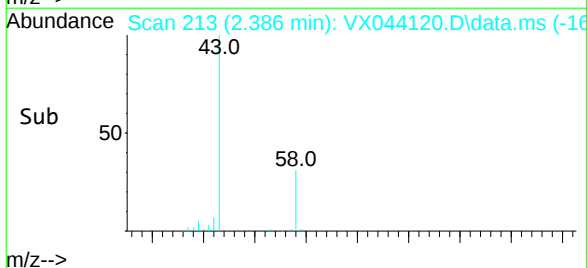
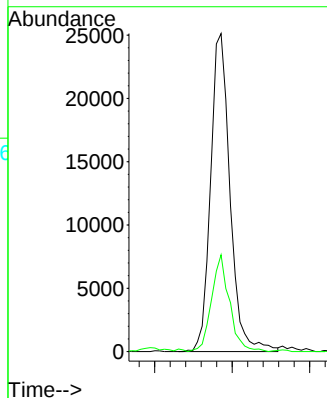
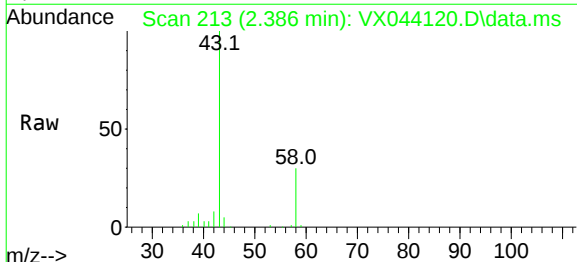


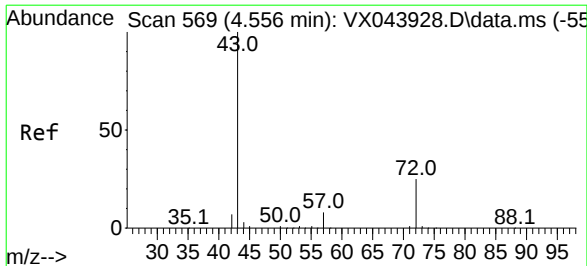
Tgt Ion:168 Resp: 108075
Ion Ratio Lower Upper
168 100
99 73.0 51.8 77.8



#16
Acetone
Concen: 51.508 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

Tgt Ion: 43 Resp: 43853
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1

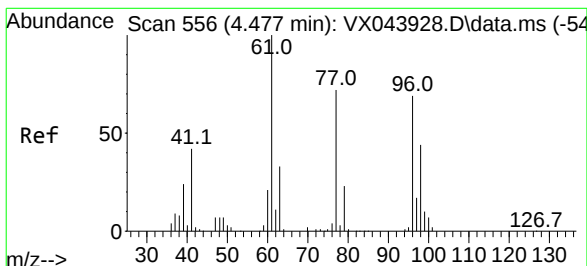
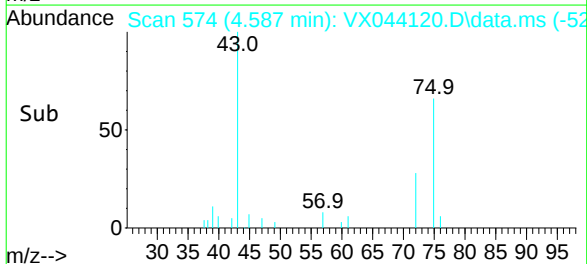
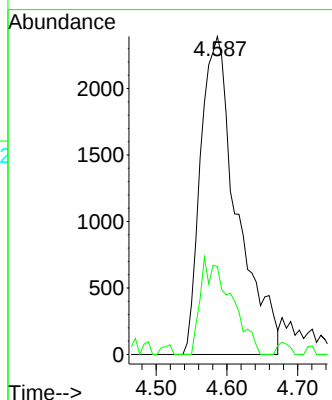
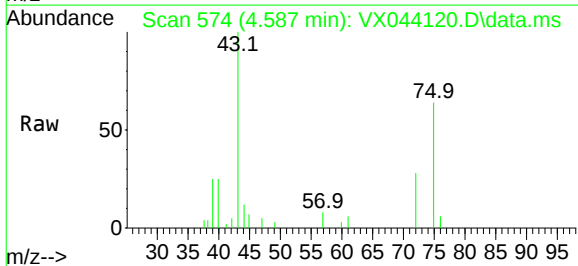




#25
2-Butanone
Concen: 7.776 ug/l
RT: 4.587 min Scan# 57
Delta R.T. 0.030 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

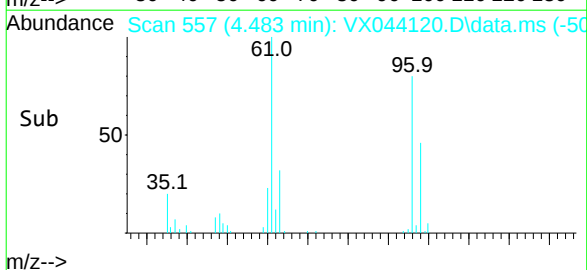
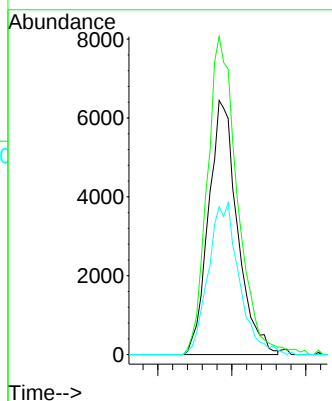
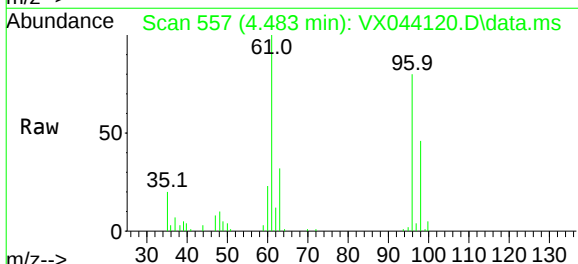
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-1RE

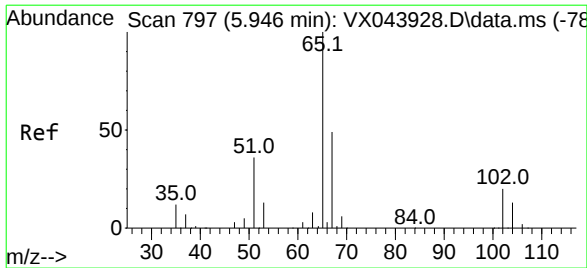
Tgt Ion: 43 Resp: 8542
Ion Ratio Lower Upper
43 100
72 27.6 20.2 30.2



#27
cis-1,2-Dichloroethene
Concen: 10.999 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

Tgt Ion: 96 Resp: 17480
Ion Ratio Lower Upper
96 100
61 130.9 0.0 297.4
98 63.7 0.0 127.8

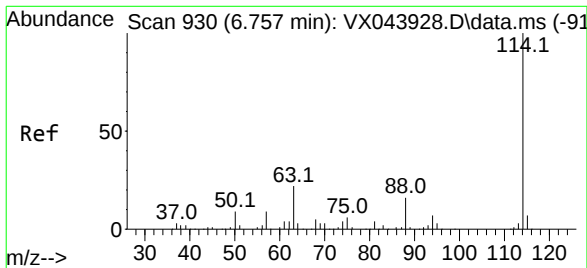
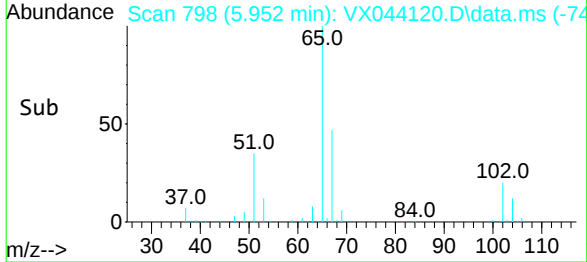
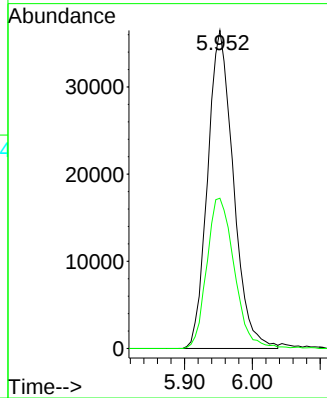
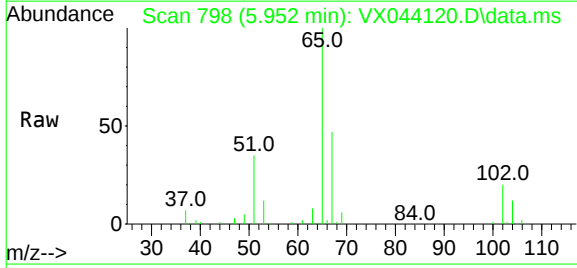




#33
1,2-Dichloroethane-d4
Concen: 51.834 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

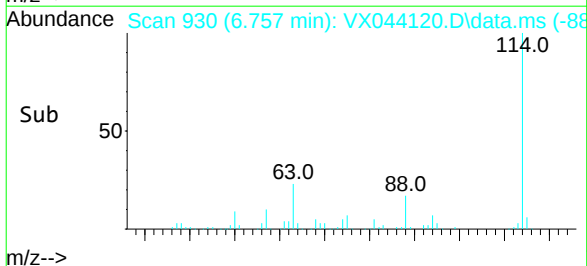
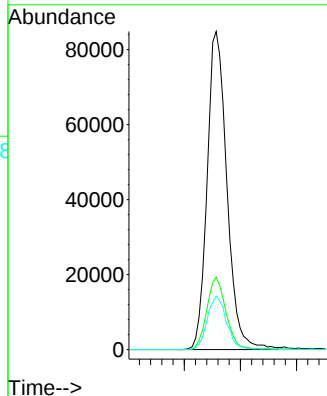
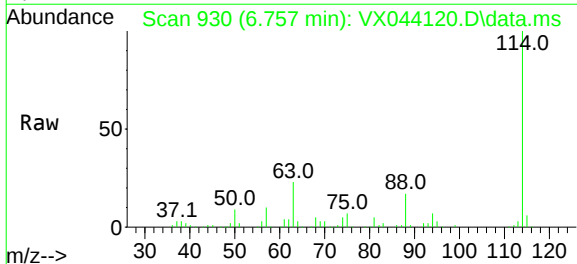
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-1RE

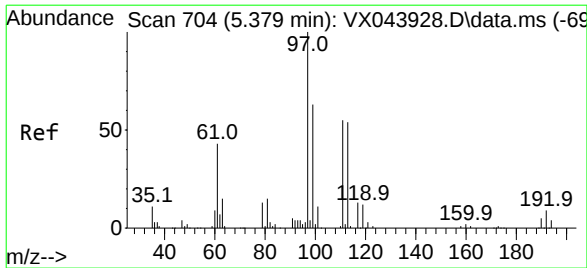
Tgt Ion: 65 Resp: 96083
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

Tgt Ion: 114 Resp: 207238
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.0
88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 32.928 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-1RE

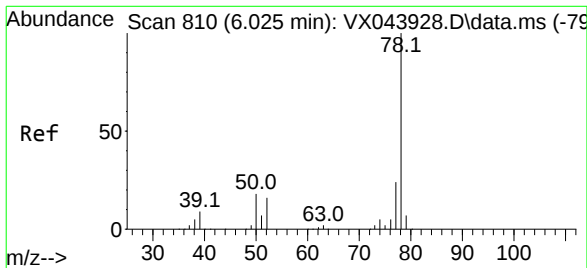
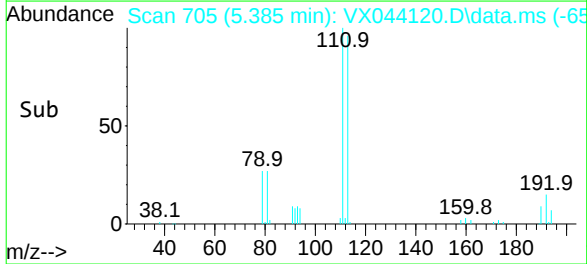
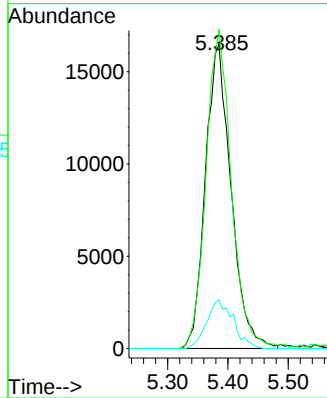
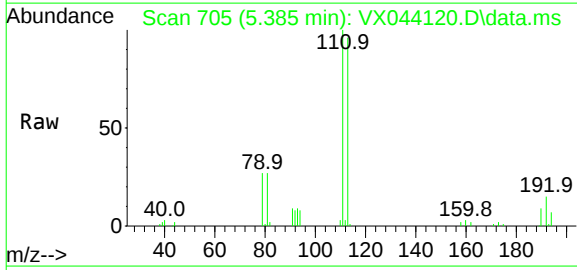
Tgt Ion:113 Resp: 48761

Ion Ratio Lower Upper

113 100

111 104.0 81.0 121.4

192 16.5 13.0 19.6



#40

Benzene

Concen: 3.288 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.012 min

Lab File: VX044120.D

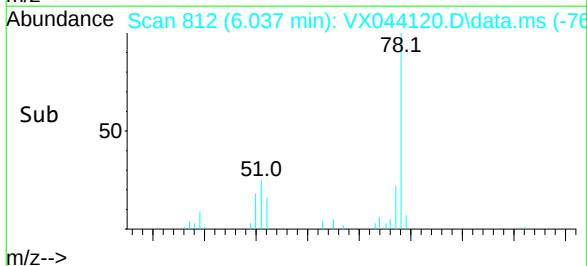
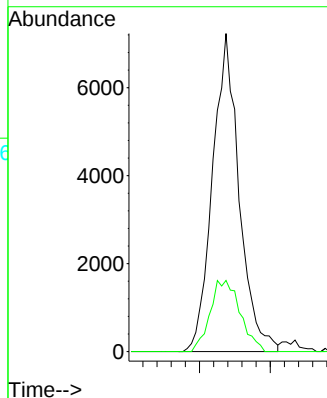
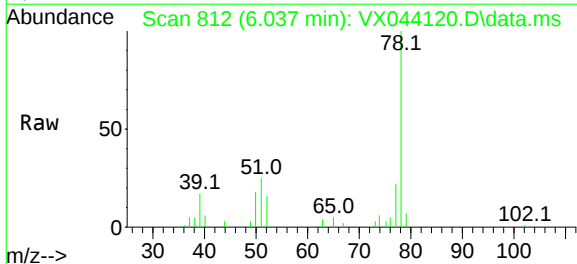
Acq: 04 Dec 2024 16:29

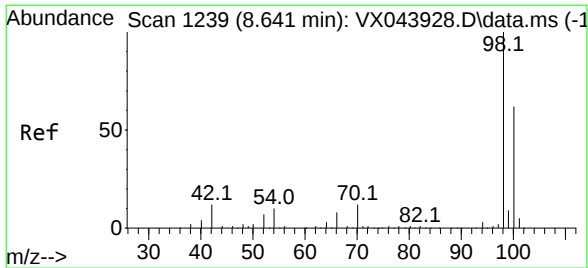
Tgt Ion: 78 Resp: 18901

Ion Ratio Lower Upper

78 100

77 22.4 19.2 28.8

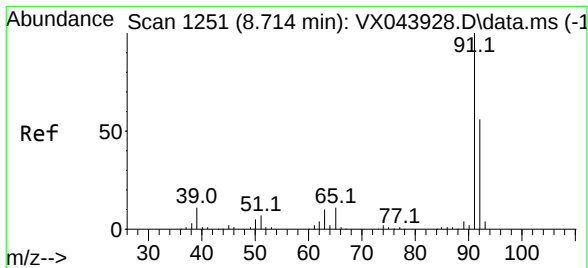
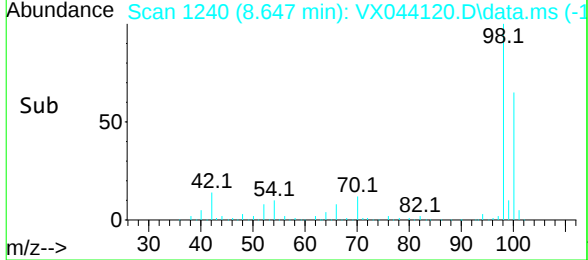
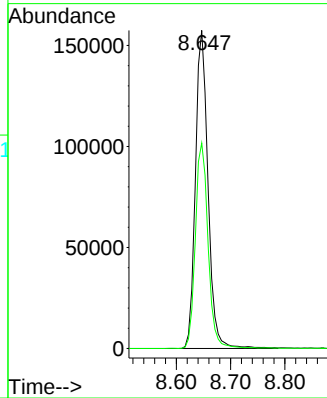
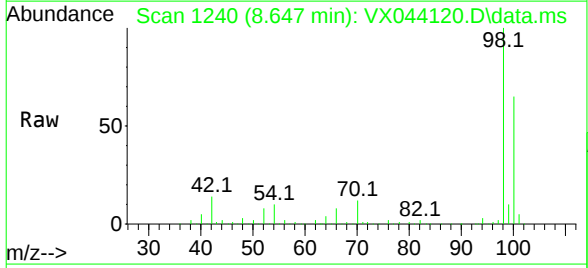




#50
Toluene-d8
Concen: 49.670 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

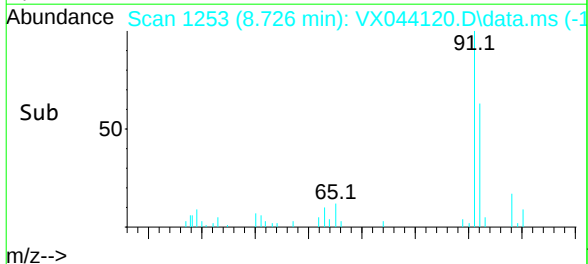
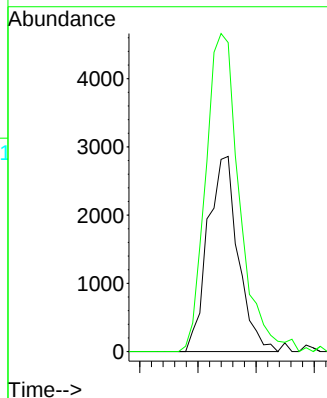
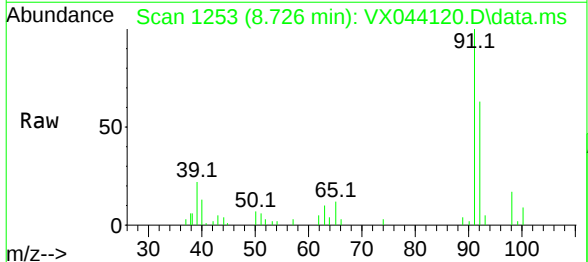
Instrument :
MSVOA_X
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SPLP-C5-1RE

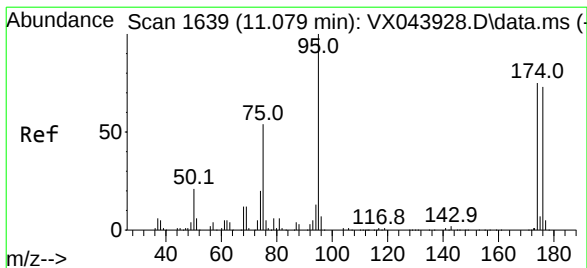
Tgt Ion: 98 Resp: 253540
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0



#52
Toluene
Concen: 1.515 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

Tgt Ion: 92 Resp: 5213
Ion Ratio Lower Upper
92 100
91 181.0 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 51.874 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044120.D

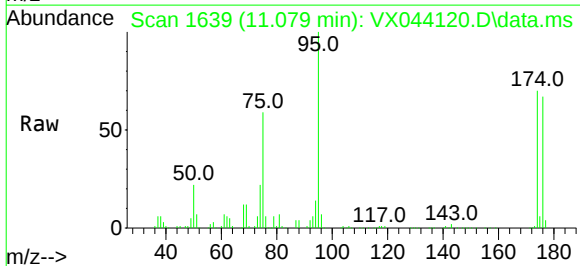
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Instrument :

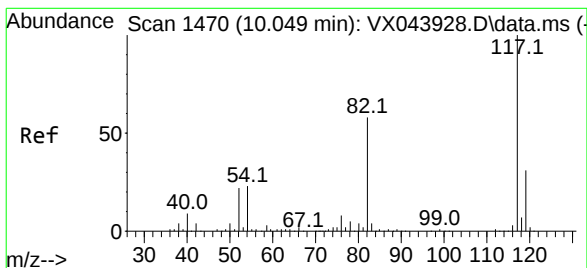
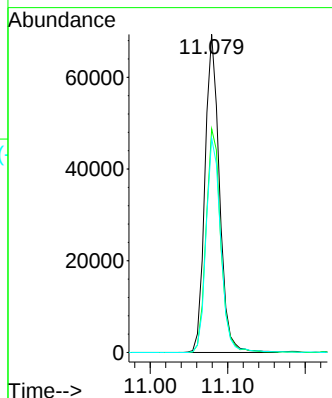
MSVOA_X

ClientSampleId :

SPLP-C5-1RE



Tgt Ion:	95	Resp:	90117
Ion Ratio	100	Lower	Upper
95	100		
174	71.1	0.0	150.4
176	68.3	0.0	146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

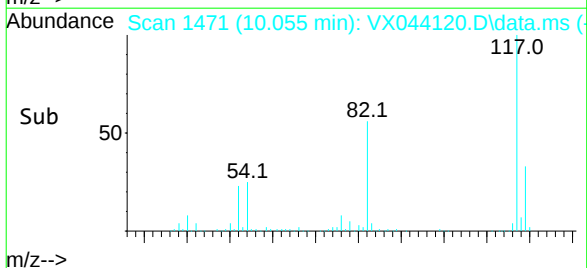
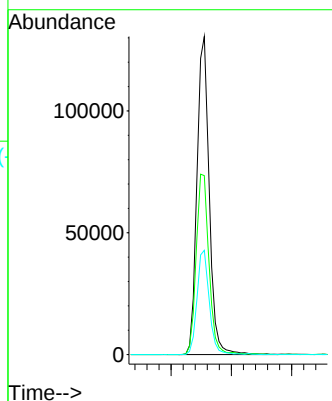
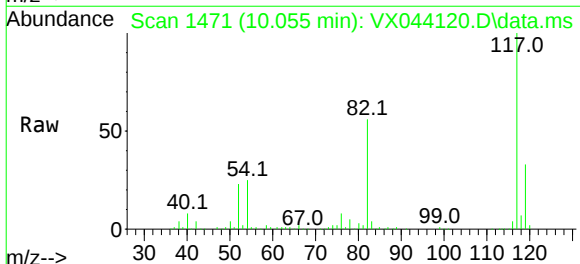
RT: 10.055 min Scan# 1471

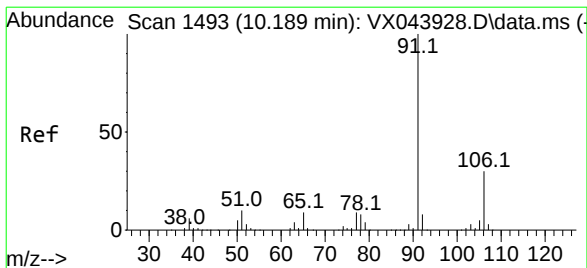
Delta R.T. 0.006 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Tgt Ion:	117	Resp:	184248
Ion Ratio	100	Lower	Upper
117	100		
82	56.3	46.4	69.6
119	32.8	24.6	37.0





#67

Ethyl Benzene

Concen: 11.494 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

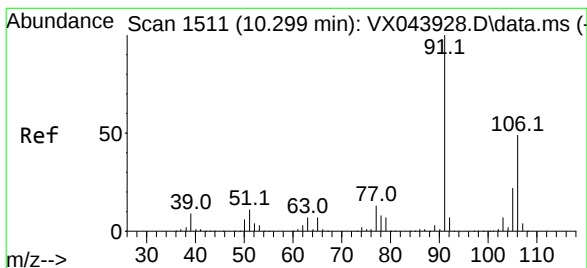
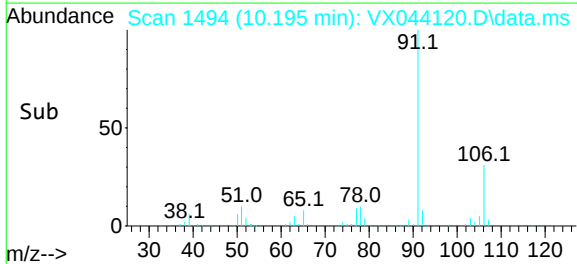
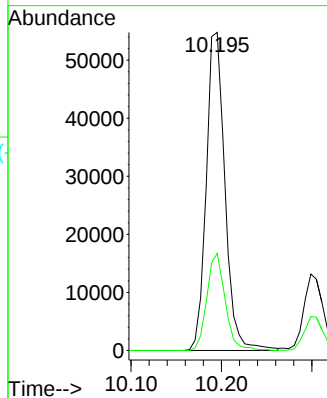
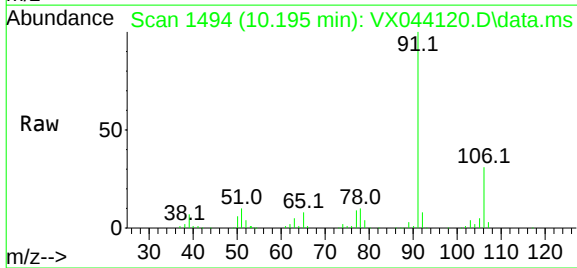
SPLP-C5-1RE

Tgt Ion: 91 Resp: 78816

Ion Ratio Lower Upper

91 100

106 30.5 23.6 35.4



#68

m/p-Xylenes

Concen: 3.577 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044120.D

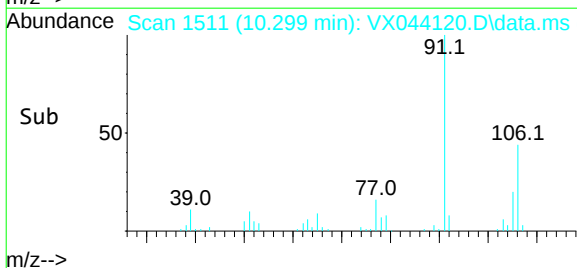
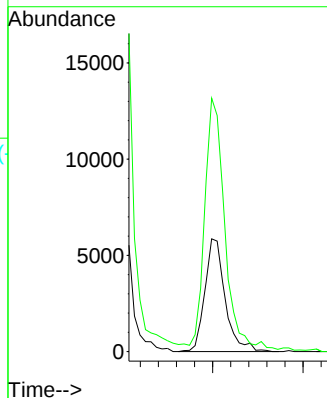
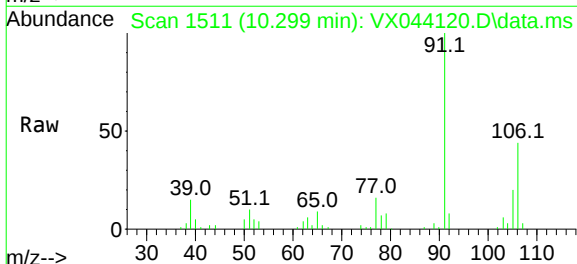
Acq: 04 Dec 2024 16:29

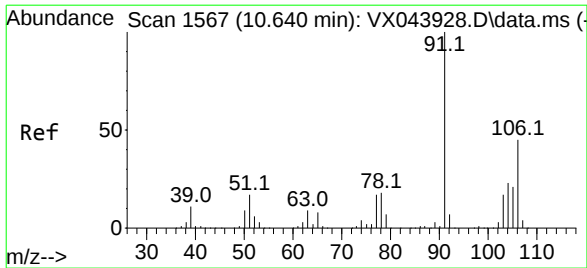
Tgt Ion: 106 Resp: 9147

Ion Ratio Lower Upper

106 100

91 221.4 168.1 252.1





#69

o-Xylene

Concen: 4.433 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

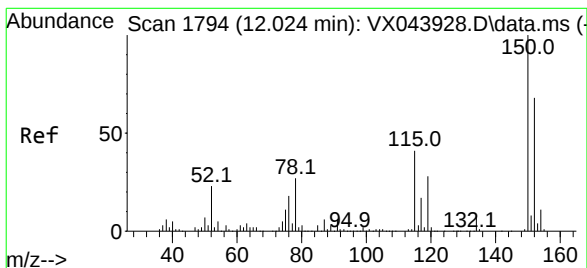
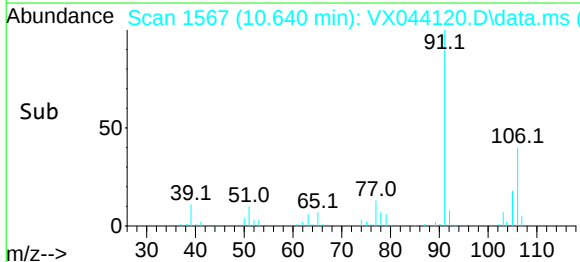
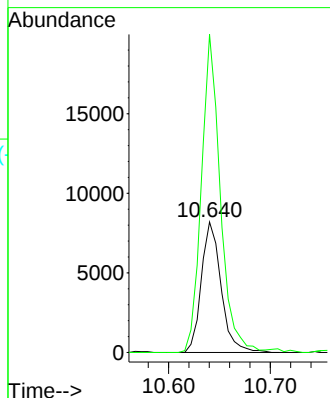
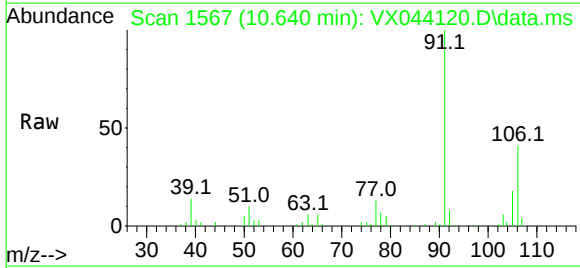
SPLP-C5-1RE

Tgt Ion:106 Resp: 11067

Ion Ratio Lower Upper

106 100

91 233.0 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

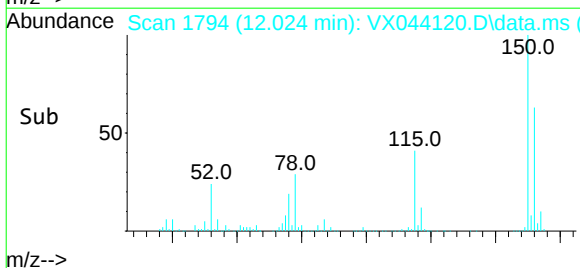
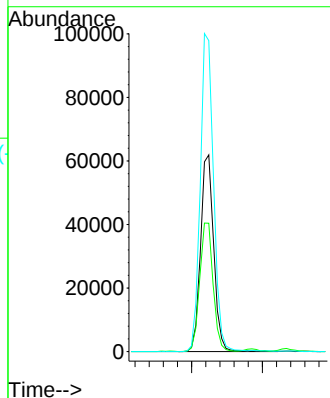
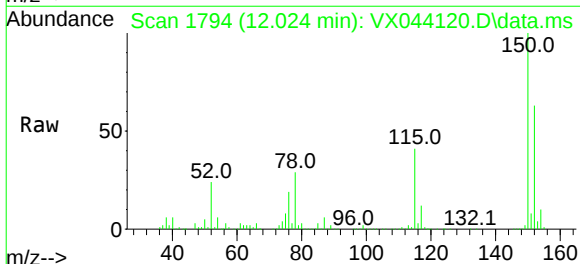
Tgt Ion:152 Resp: 80127

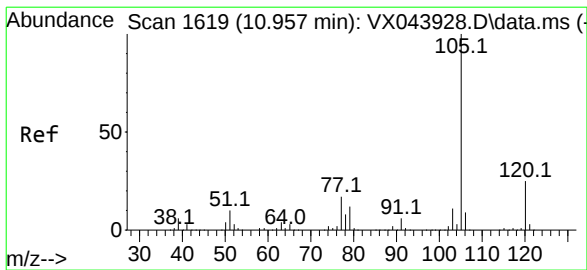
Ion Ratio Lower Upper

152 100

115 66.6 45.4 136.2

150 162.6 0.0 353.0





#73

Isopropylbenzene

Concen: 1.286 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

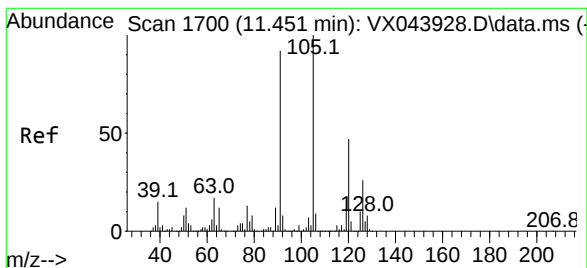
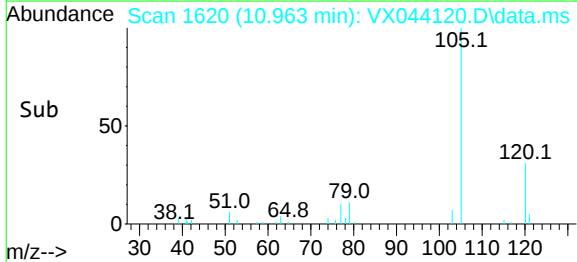
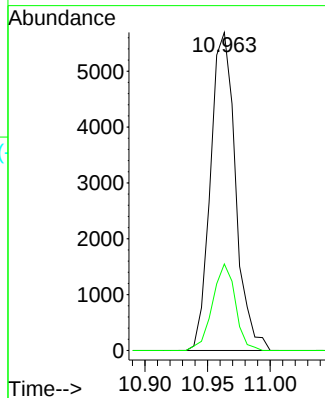
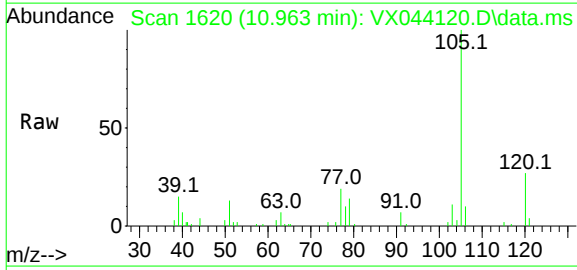
SPLP-C5-1RE

Tgt Ion:105 Resp: 7919

Ion Ratio Lower Upper

105 100

120 24.9 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.687 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044120.D

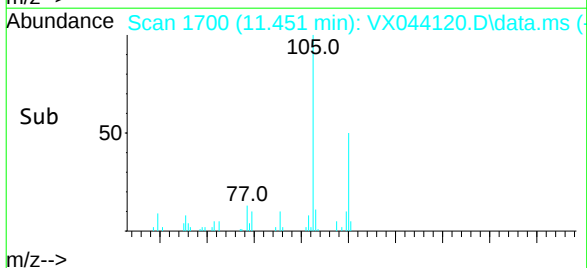
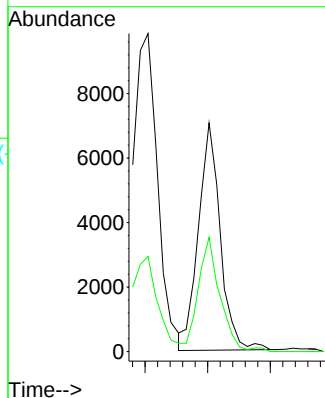
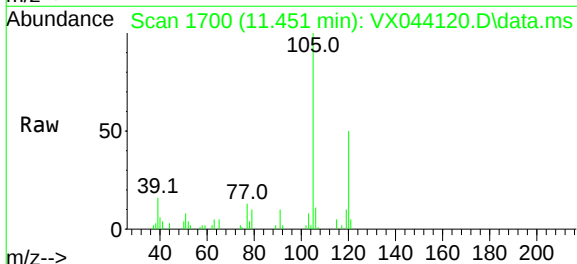
Acq: 04 Dec 2024 16:29

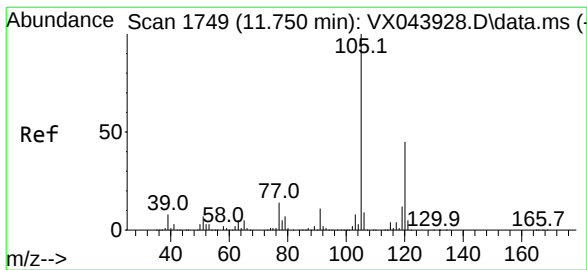
Tgt Ion:105 Resp: 8548

Ion Ratio Lower Upper

105 100

120 49.5 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 5.684 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

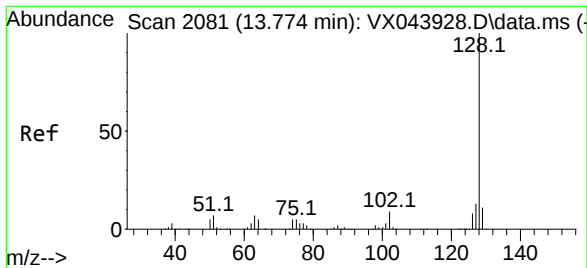
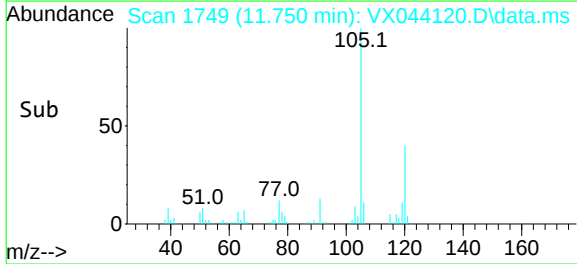
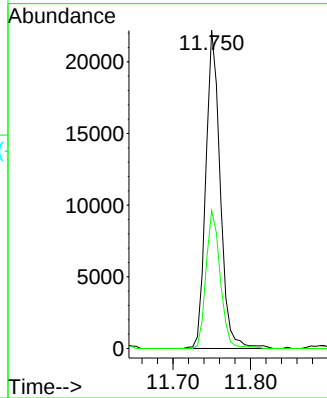
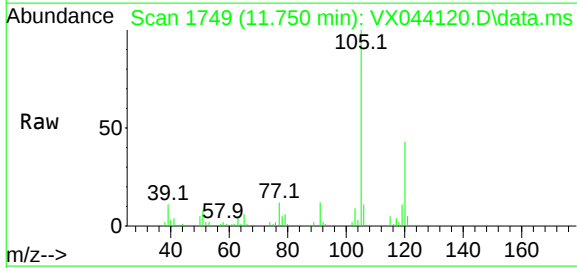
SPLP-C5-1RE

Tgt Ion:105 Resp: 28677

Ion Ratio Lower Upper

105 100

120 42.9 21.9 65.7



#95

Naphthalene

Concen: 322.192 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Tgt Ion:128 Resp: 1846604

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.6 12.8

