

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044100.D
 Acq On : 03 Dec 2024 18:00
 Operator : JC/MD
 Sample : P5006-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-1

Quant Time: Dec 04 00:13:45 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)

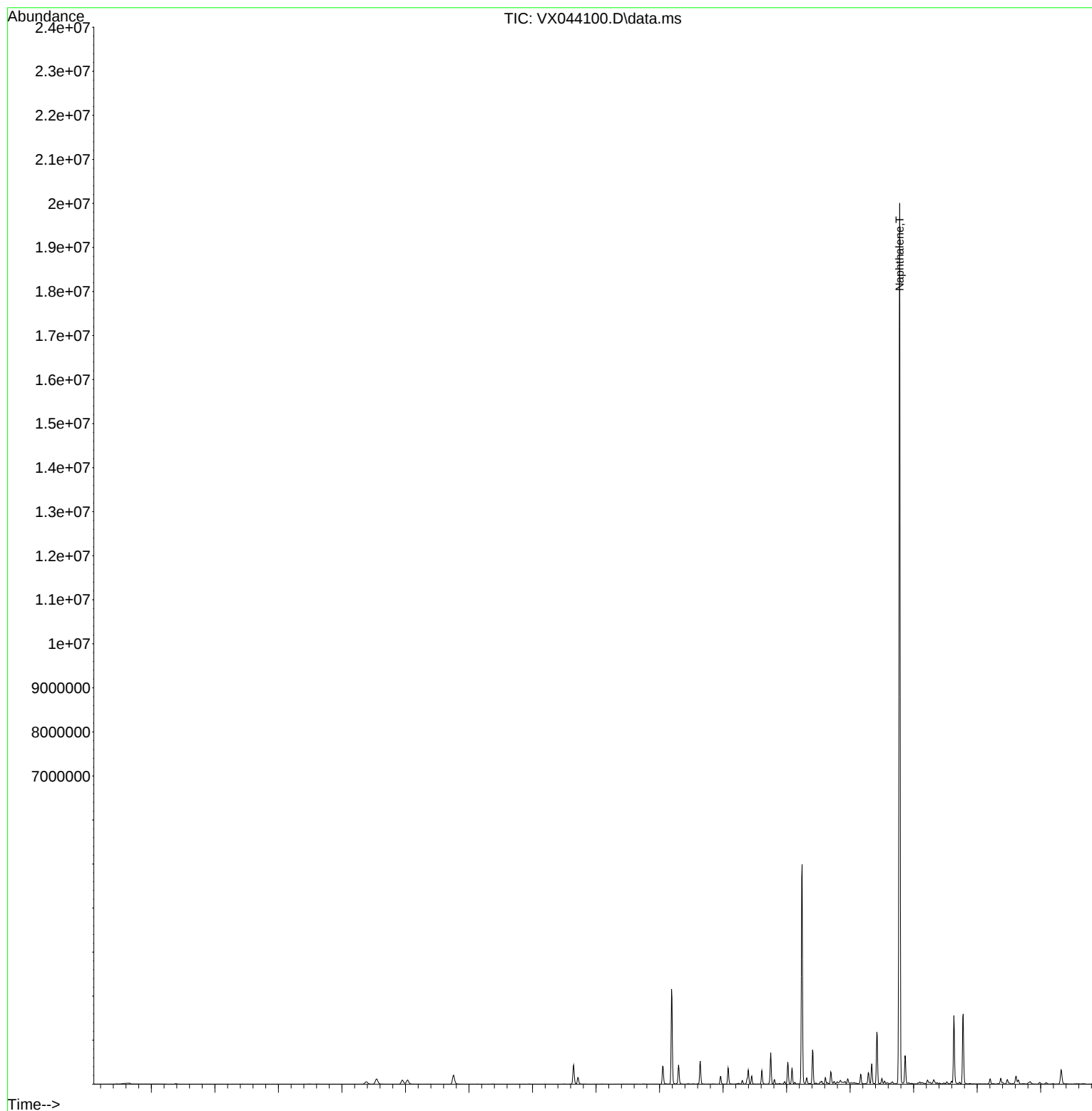
Internal Standards						
1) Pentafluorobenzene	5.550	168	101739	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	199677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90882	52.081	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.160%		
35) Dibromofluoromethane	5.379	113	48588	34.054	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 68.100%#		
50) Toluene-d8	8.647	98	248714	50.569	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.140%		
62) 4-Bromofluorobenzene	11.079	95	93219	55.692	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 111.380%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	12909	16.107	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	2115	1.414	ug/l	98
40) Benzene	6.032	78	110450	19.943	ug/l	97
52) Toluene	8.714	92	56017	16.899	ug/l	98
67) Ethyl Benzene	10.189	91	1199884	181.057	ug/l	99
68) m/p-Xylenes	10.299	106	92947	37.609	ug/l	96
69) o-Xylene	10.640	106	104250	43.204	ug/l	95
73) Isopropylbenzene	10.964	105	89327	13.484	ug/l	98
78) n-propylbenzene	11.305	91	51484	6.958	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	74687	13.703	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	286166	52.738	ug/l	100
89) n-Butylbenzene	12.317	91	14386	3.035	ug/l #	6
95) Naphthalene	13.780	128	10608114	1720.843	ug/l #	94

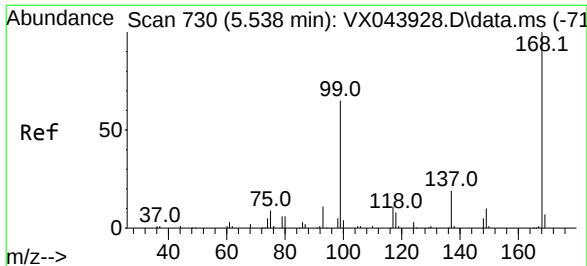
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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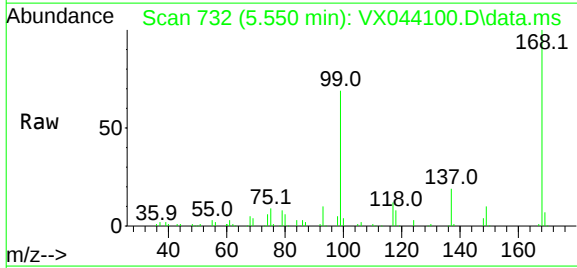
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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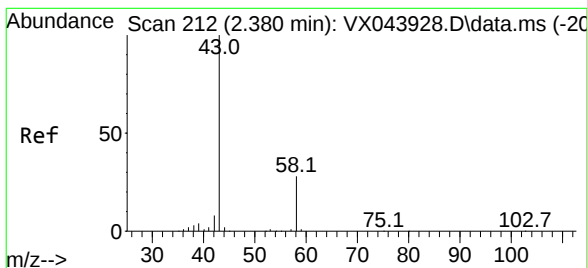
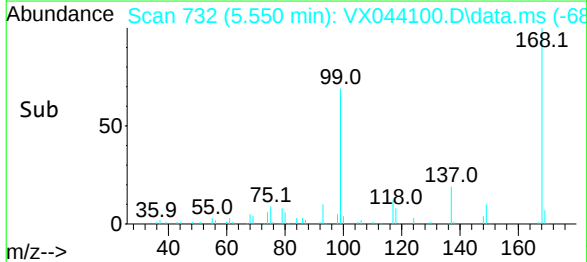
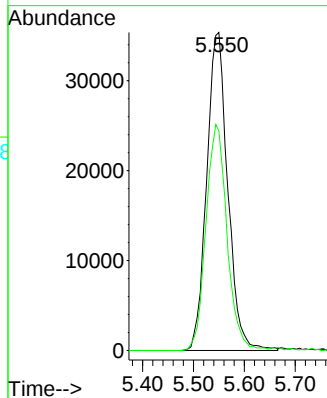


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044100.D
Acq: 03 Dec 2024 18:00

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-1

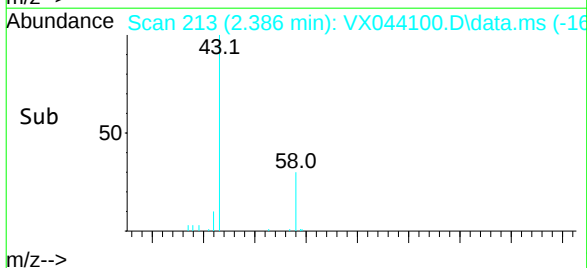
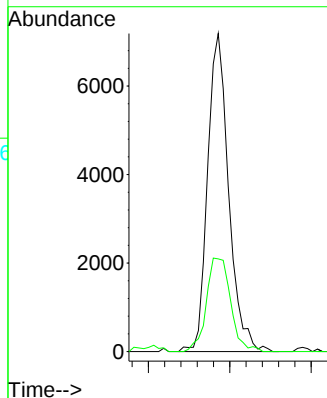
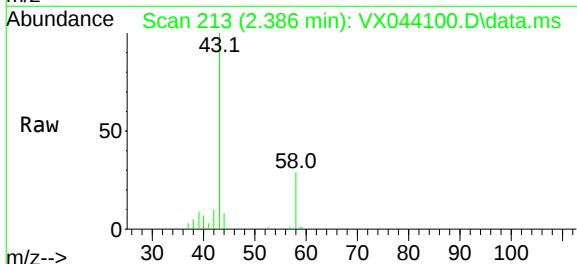


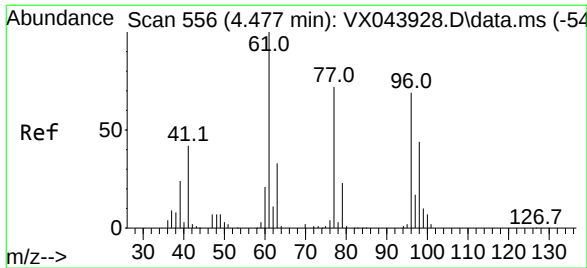
Tgt Ion: 168 Resp: 101739
Ion Ratio Lower Upper
168 100
99 69.0 51.8 77.8



#16
Acetone
Concen: 16.107 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044100.D
Acq: 03 Dec 2024 18:00

Tgt Ion: 43 Resp: 12909
Ion Ratio Lower Upper
43 100
58 29.1 22.7 34.1

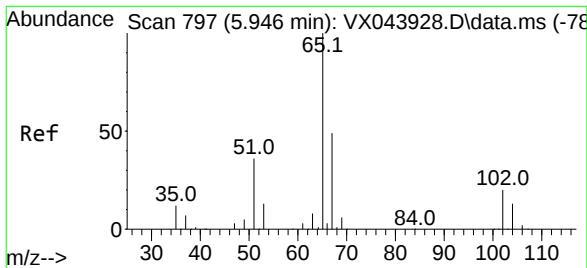
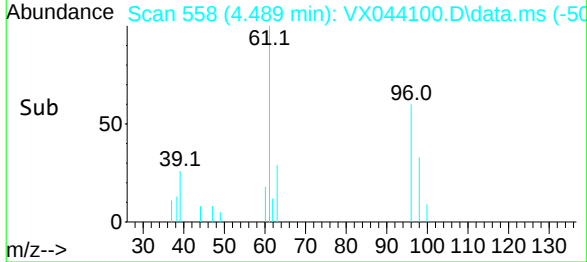
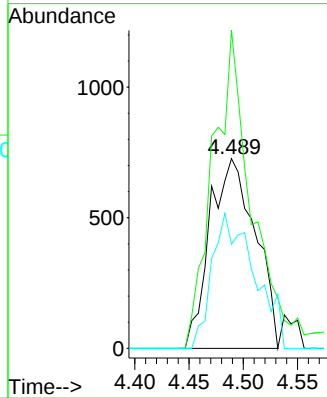
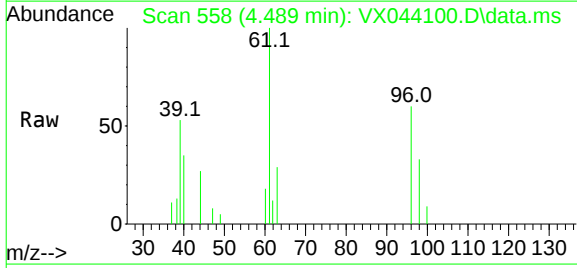




#27
 cis-1,2-Dichloroethene
 Concen: 1.414 ug/l
 RT: 4.489 min Scan# 556
 Delta R.T. 0.012 min
 Lab File: VX044100.D
 Acq: 03 Dec 2024 18:00

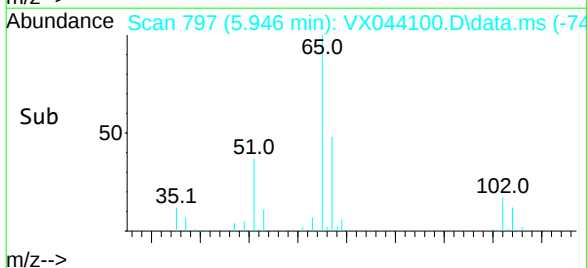
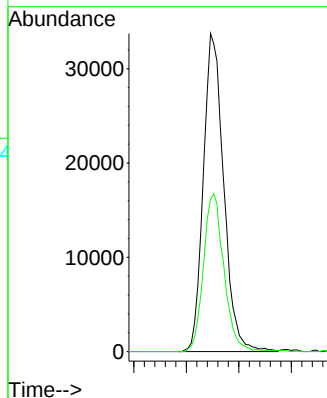
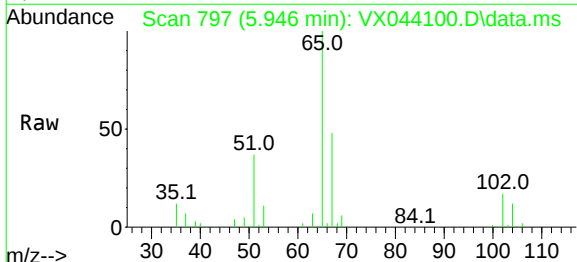
Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-1

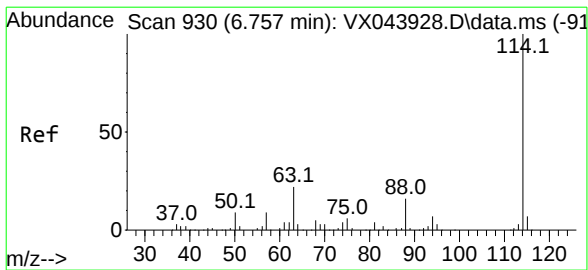
Tgt Ion: 96 Resp: 2115
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 297.4
 98 66.6 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 52.081 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX044100.D
 Acq: 03 Dec 2024 18:00

Tgt Ion: 65 Resp: 90882
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1

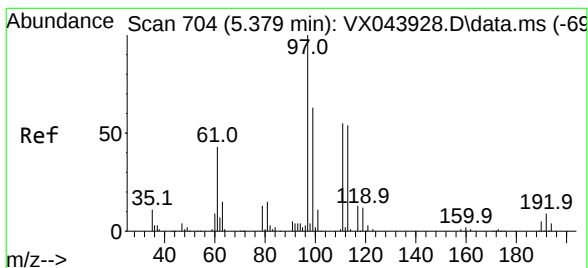
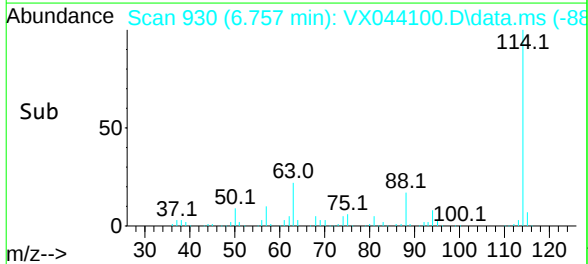
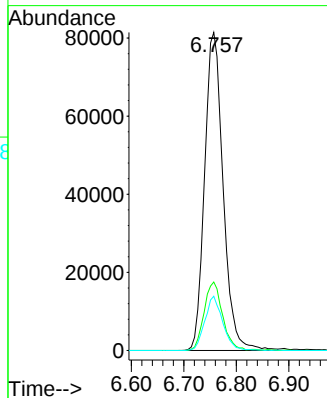
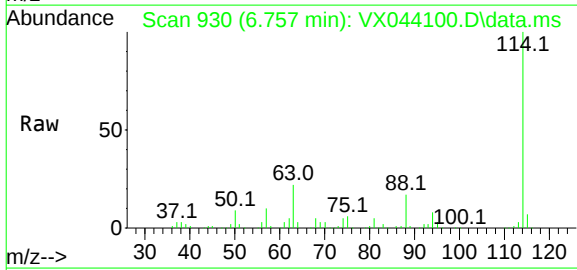
Tgt Ion:114 Resp: 199677

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.0

88 17.1 0.0 32.4



#35

Dibromofluoromethane

Concen: 34.054 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

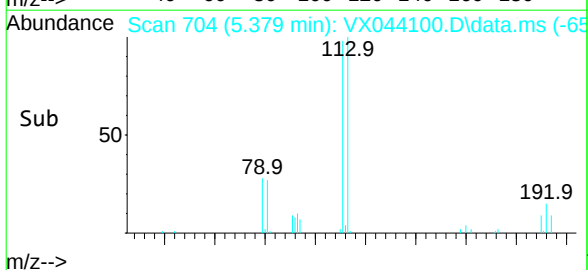
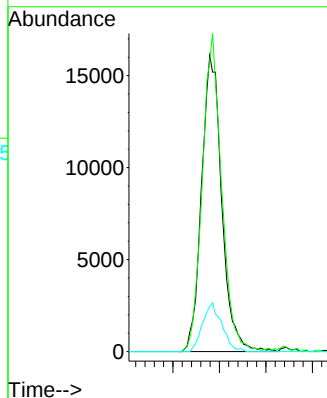
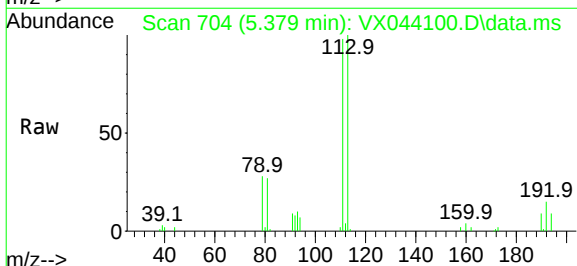
Tgt Ion:113 Resp: 48588

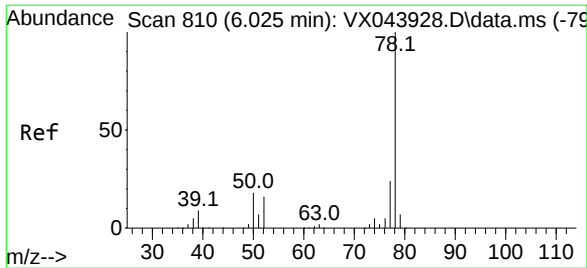
Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.4

192 15.7 13.0 19.6





#40

Benzene

Concen: 19.943 ug/l

RT: 6.032 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

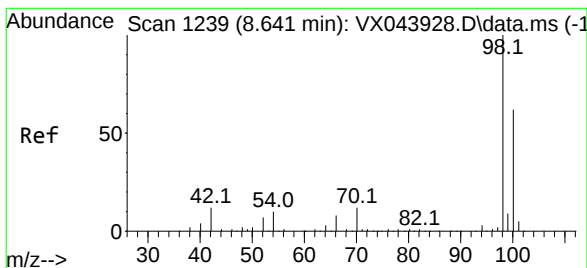
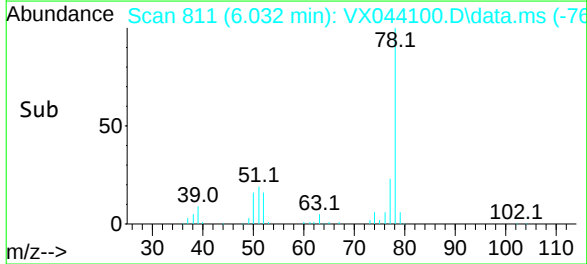
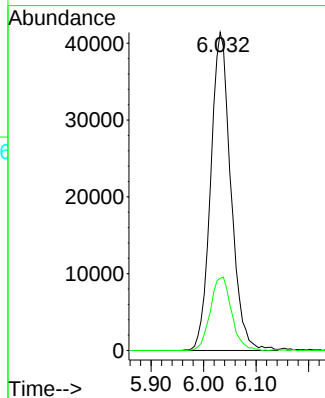
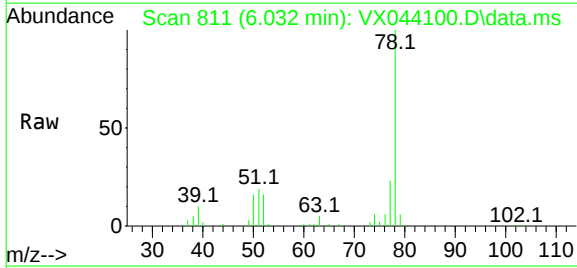
SPLP-C11-1

Tgt Ion: 78 Resp: 110450

Ion Ratio Lower Upper

78 100

77 22.7 19.2 28.8



#50

Toluene-d8

Concen: 50.569 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044100.D

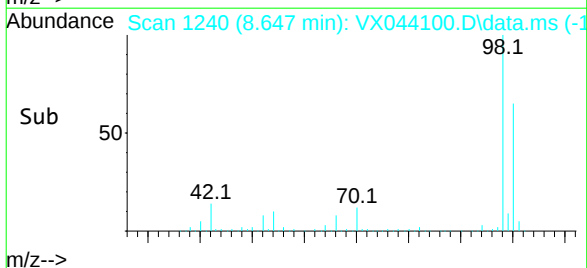
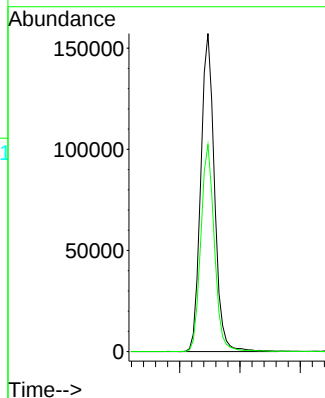
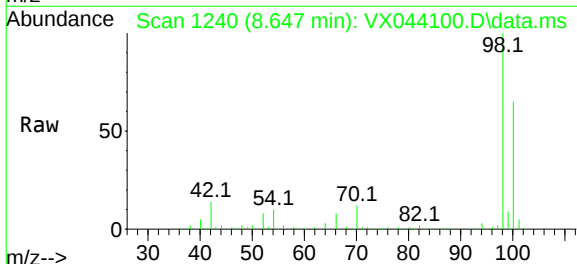
Acq: 03 Dec 2024 18:00

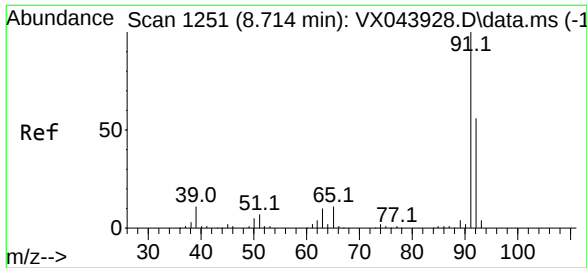
Tgt Ion: 98 Resp: 248714

Ion Ratio Lower Upper

98 100

100 64.4 52.6 79.0





#52

Toluene

Concen: 16.899 ug/l

RT: 8.714 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

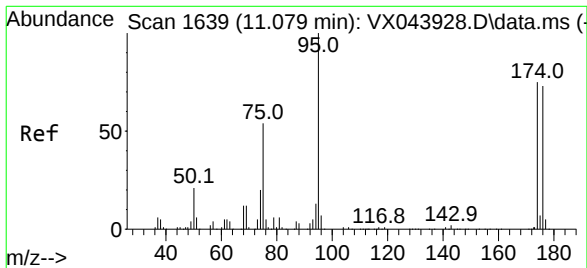
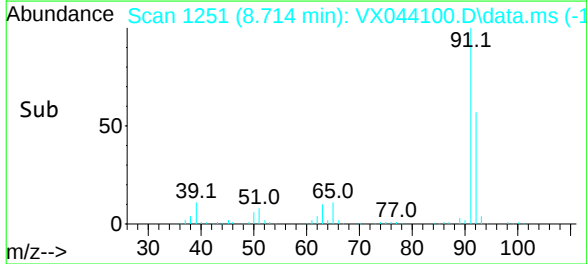
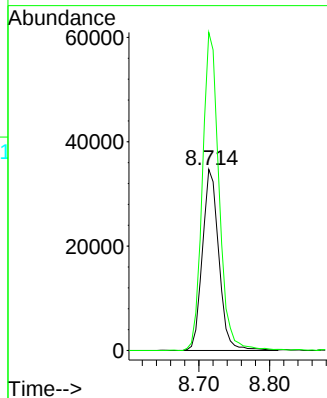
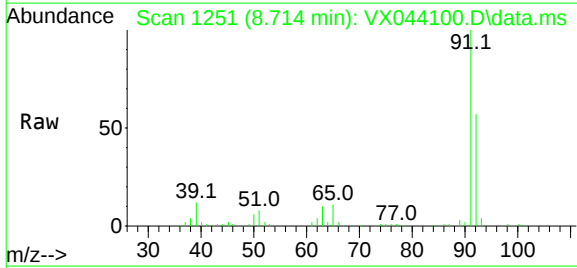
SPLP-C11-1

Tgt Ion: 92 Resp: 56017

Ion Ratio Lower Upper

92 100

91 177.7 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 55.692 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

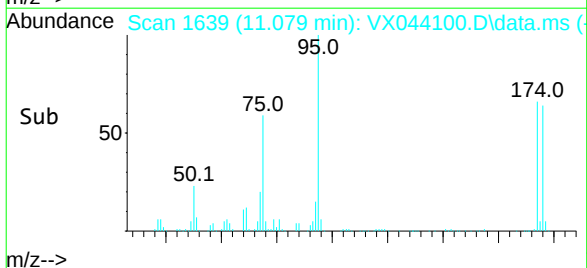
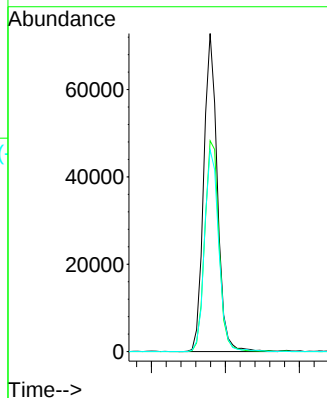
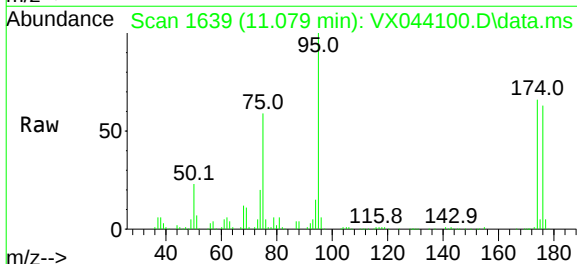
Tgt Ion: 95 Resp: 93219

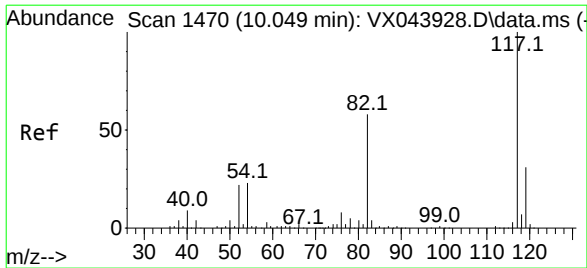
Ion Ratio Lower Upper

95 100

174 68.8 0.0 150.4

176 66.3 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1

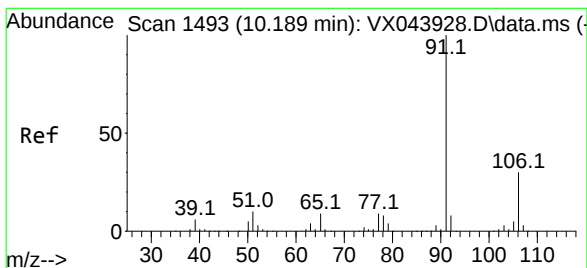
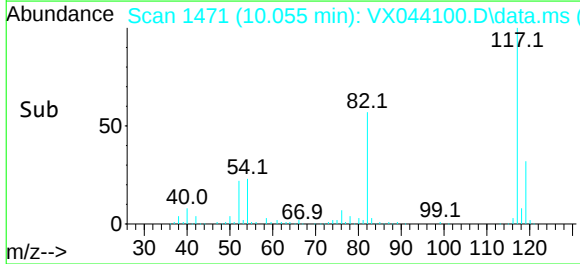
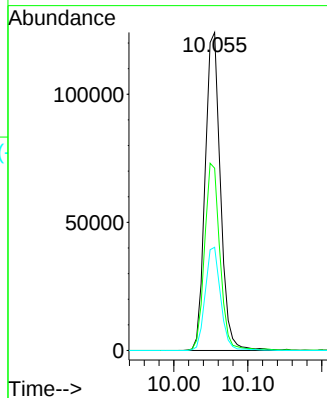
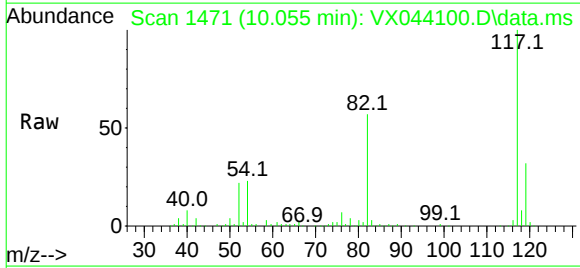
Tgt Ion:117 Resp: 178071

Ion Ratio Lower Upper

117 100

82 57.3 46.4 69.6

119 32.4 24.6 37.0



#67

Ethyl Benzene

Concen: 181.057 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044100.D

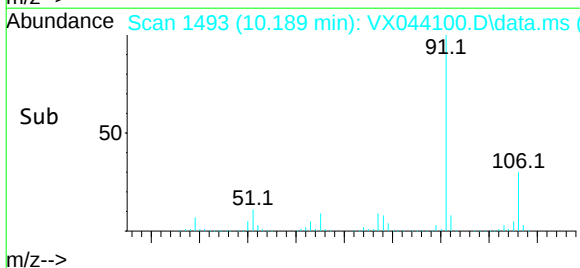
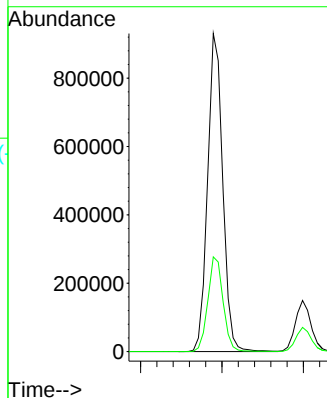
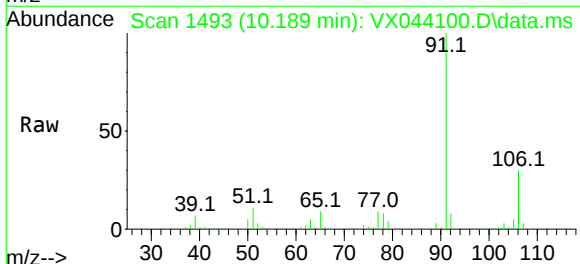
Acq: 03 Dec 2024 18:00

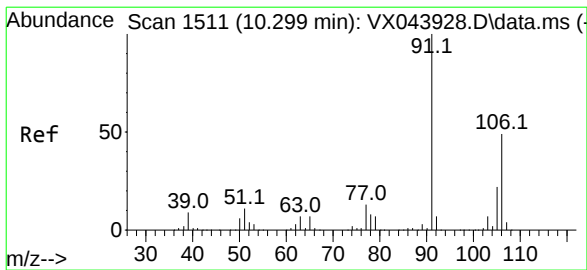
Tgt Ion: 91 Resp: 1199884

Ion Ratio Lower Upper

91 100

106 29.8 23.6 35.4

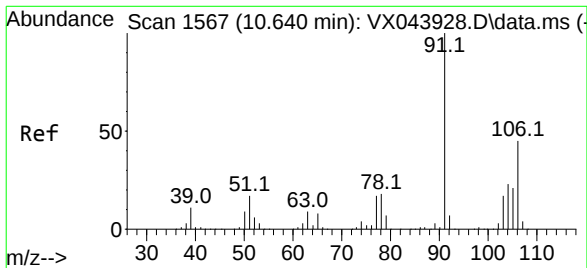
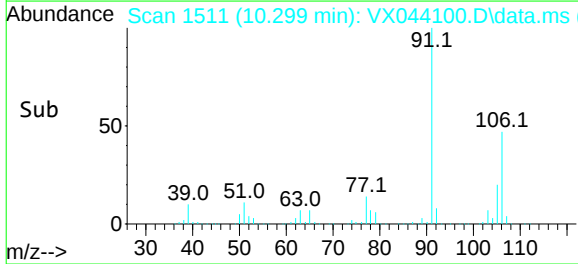
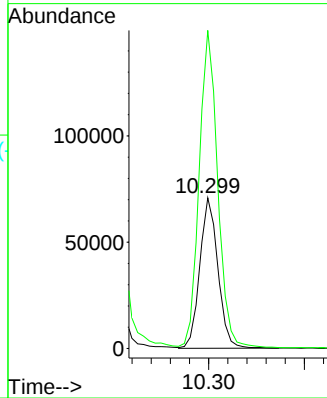
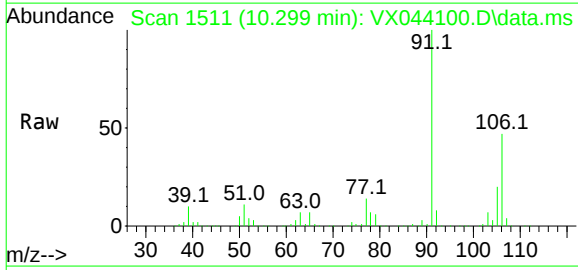




#68
m/p-Xylenes
Concen: 37.609 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044100.D
Acq: 03 Dec 2024 18:00

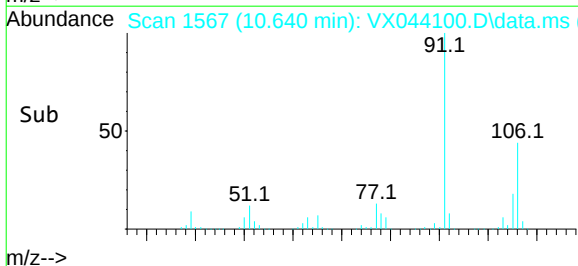
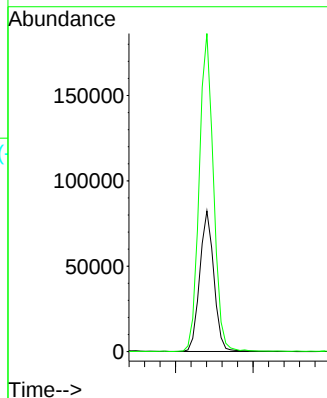
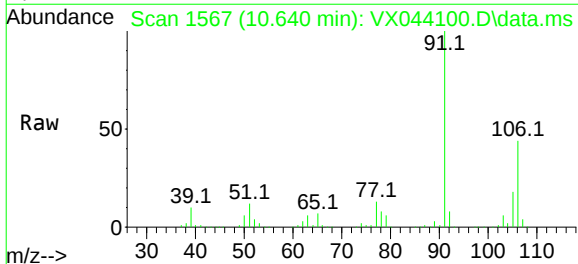
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-1

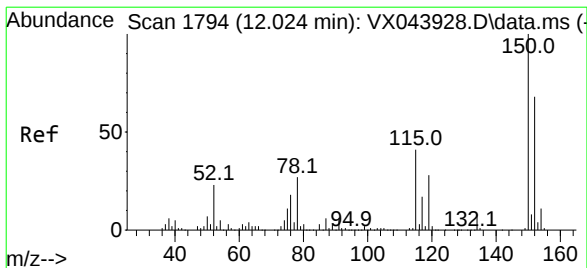
Tgt Ion:106 Resp: 92947
Ion Ratio Lower Upper
106 100
91 215.8 168.1 252.1



#69
o-Xylene
Concen: 43.204 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044100.D
Acq: 03 Dec 2024 18:00

Tgt Ion:106 Resp: 104250
Ion Ratio Lower Upper
106 100
91 228.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1

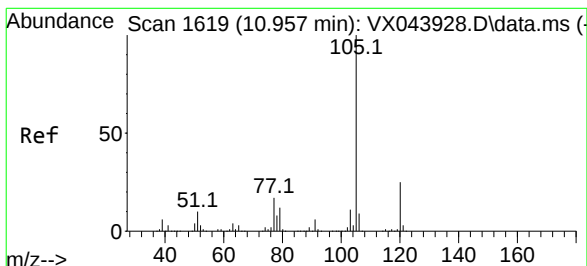
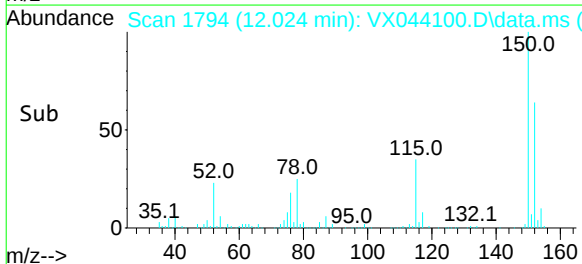
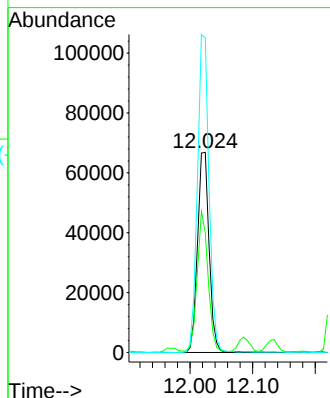
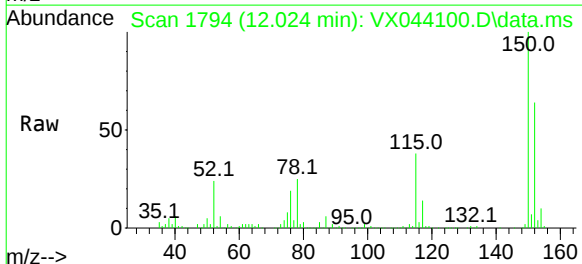
Tgt Ion:152 Resp: 86182

Ion Ratio Lower Upper

152 100

115 65.2 45.4 136.2

150 158.3 0.0 353.0



#73

Isopropylbenzene

Concen: 13.484 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044100.D

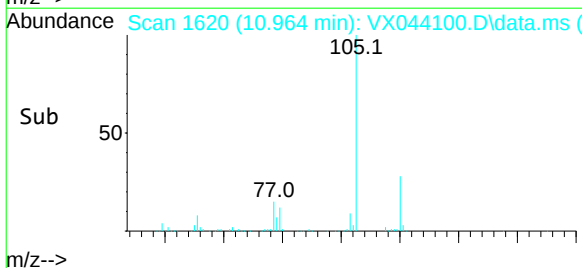
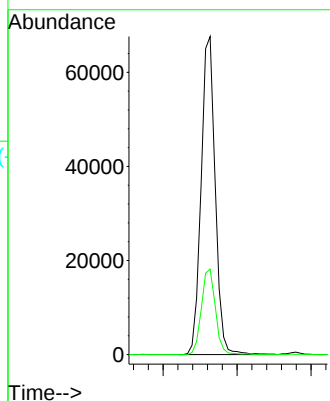
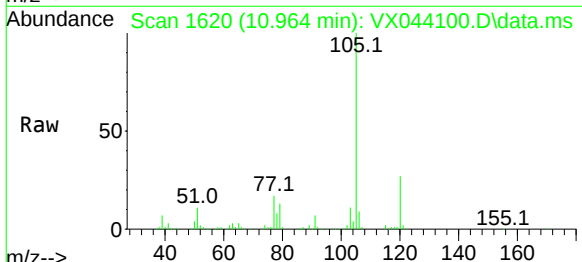
Acq: 03 Dec 2024 18:00

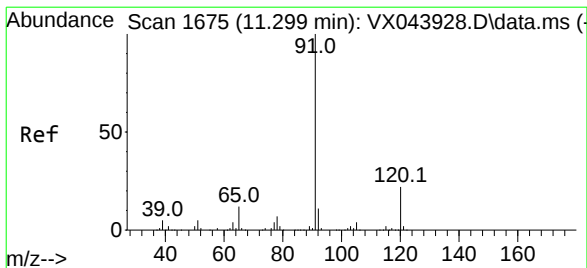
Tgt Ion:105 Resp: 89327

Ion Ratio Lower Upper

105 100

120 26.8 13.0 38.9





#78

n-propylbenzene

Concen: 6.958 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

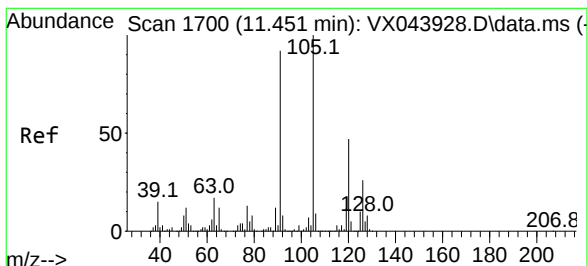
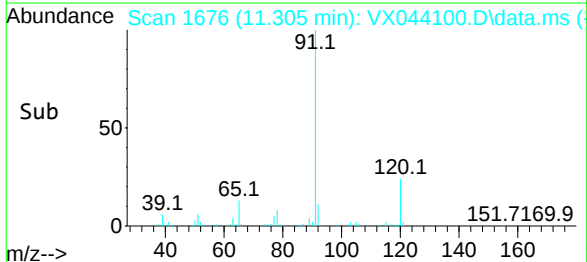
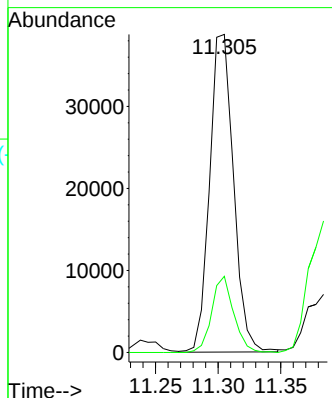
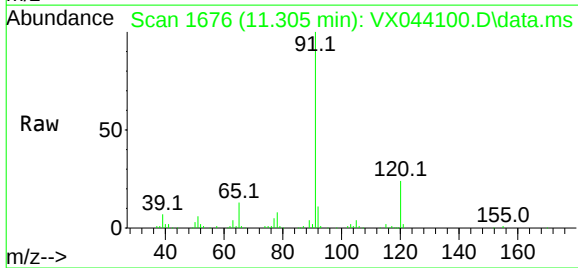
SPLP-C11-1

Tgt Ion: 91 Resp: 51484

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 13.703 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044100.D

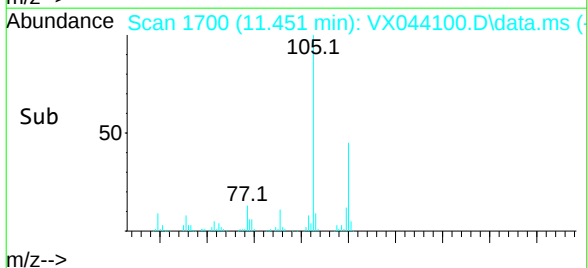
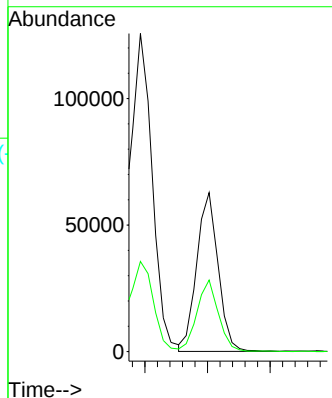
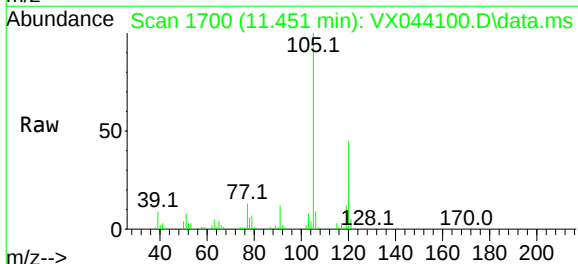
Acq: 03 Dec 2024 18:00

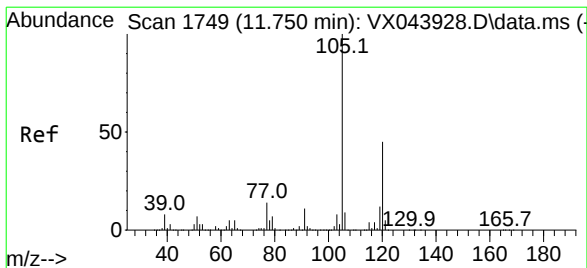
Tgt Ion: 105 Resp: 74687

Ion Ratio Lower Upper

105 100

120 45.6 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 52.738 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

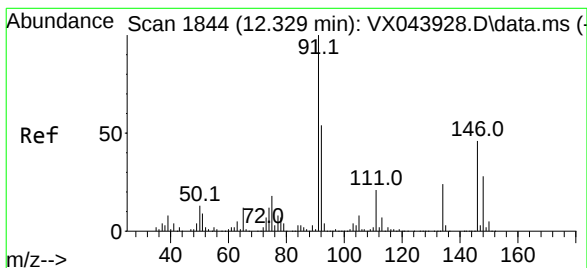
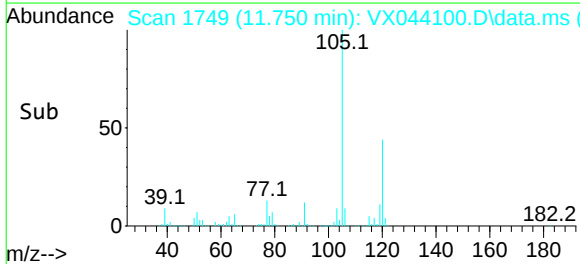
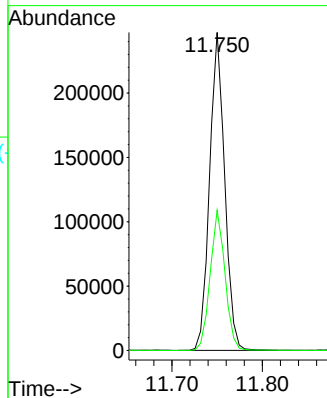
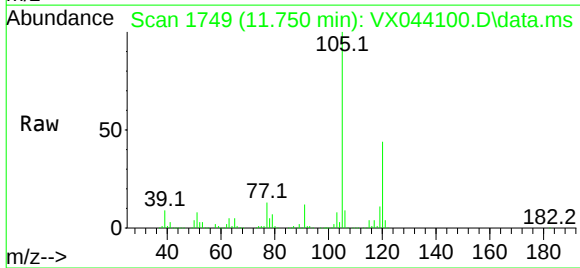
SPLP-C11-1

Tgt Ion:105 Resp: 286166

Ion Ratio Lower Upper

105 100

120 43.7 21.9 65.7



#89

n-Butylbenzene

Concen: 3.035 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

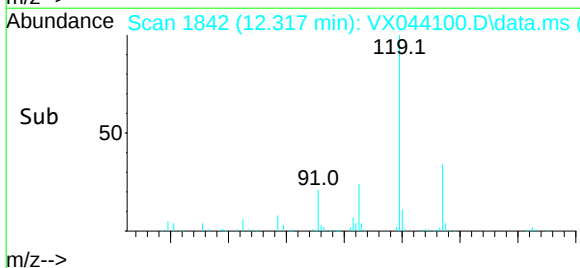
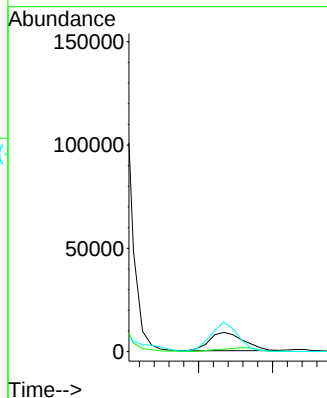
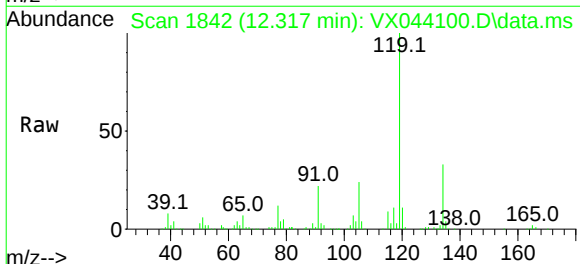
Tgt Ion: 91 Resp: 14386

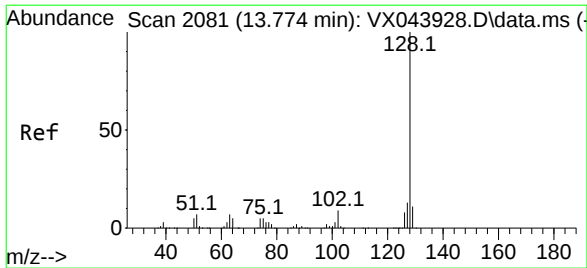
Ion Ratio Lower Upper

91 100

92 23.9 26.6 79.8#

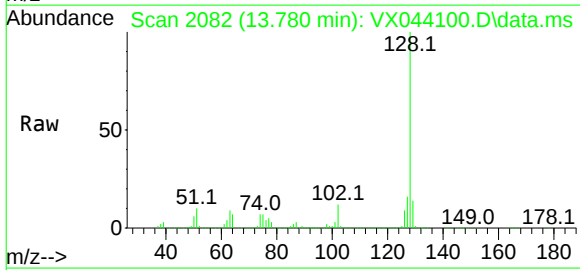
134 129.2 12.4 37.2#





#95
Naphthalene
Concen: 1720.843 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044100.D
Acq: 03 Dec 2024 18:00

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-1



Tgt Ion:128 Resp:10608114
Ion Ratio Lower Upper
128 100
127 14.7 10.2 15.2
129 13.0 8.6 12.8#

