

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044104.D
 Acq On : 03 Dec 2024 19:32
 Operator : JC/MD
 Sample : P5006-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C12-2

Quant Time: Dec 04 00:16:27 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)

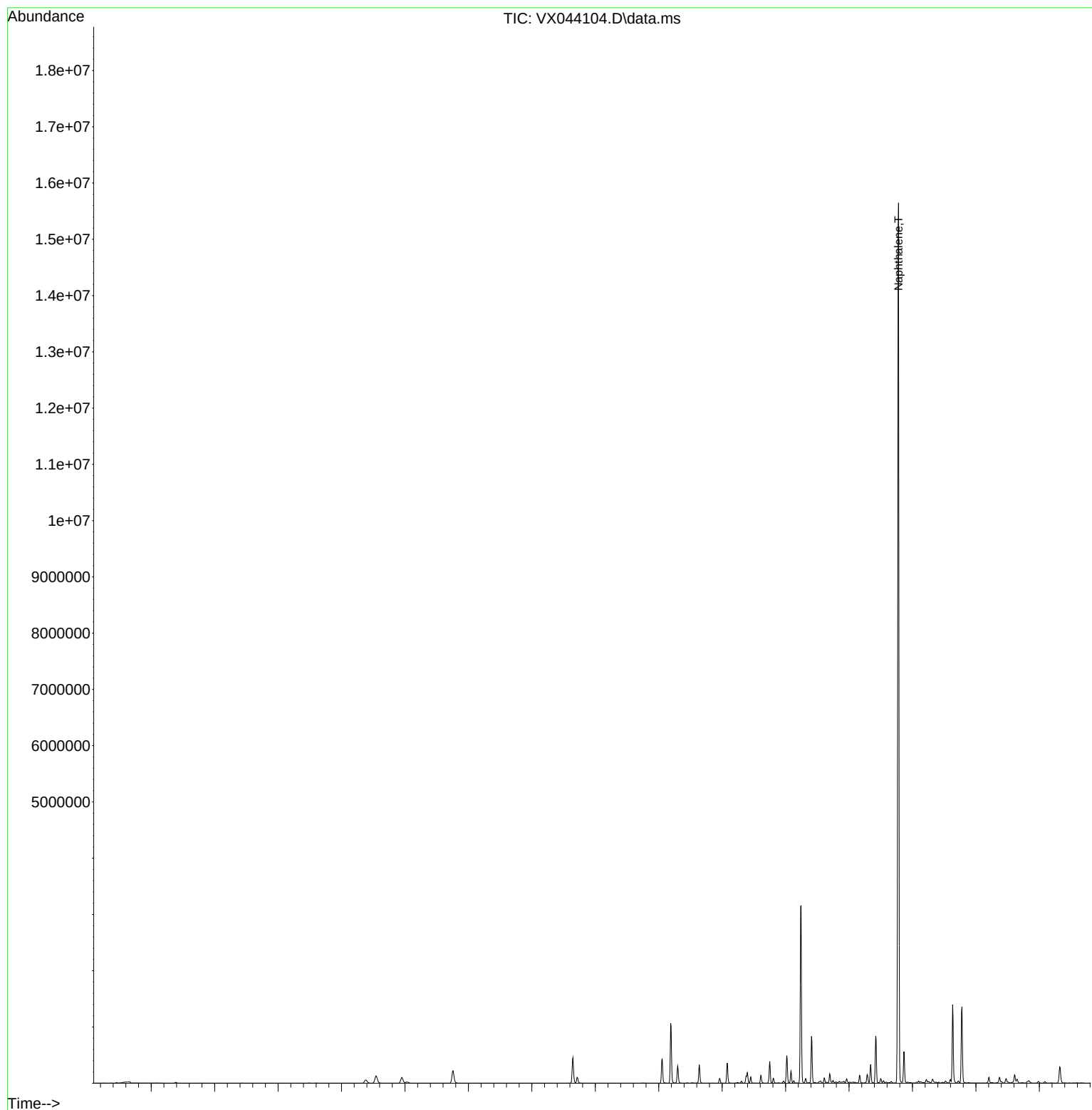
Internal Standards						
1) Pentafluorobenzene	5.544	168	108046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99943	53.931	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.860%			
35) Dibromofluoromethane	5.379	113	50820	33.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 66.420%#			
50) Toluene-d8	8.647	98	263984	50.045	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	92959	51.782	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.560%			
Target Compounds						
16) Acetone	2.386	43	16912	19.870	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	2378	1.497	ug/l	85
40) Benzene	6.031	78	26275	4.424	ug/l	94
52) Toluene	8.720	92	39517	11.116	ug/l	97
67) Ethyl Benzene	10.189	91	615465	88.376	ug/l	98
68) m/p-Xylenes	10.299	106	67817	26.113	ug/l	99
69) o-Xylene	10.640	106	65816	25.956	ug/l	95
73) Isopropylbenzene	10.963	105	47387	7.005	ug/l	99
78) n-propylbenzene	11.305	91	21092	2.792	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	44030	7.912	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	160752	29.013	ug/l	99
89) n-Butylbenzene	12.317	91	8271	1.709	ug/l #	6
95) Naphthalene	13.780	128	8781560	1395.127	ug/l	96

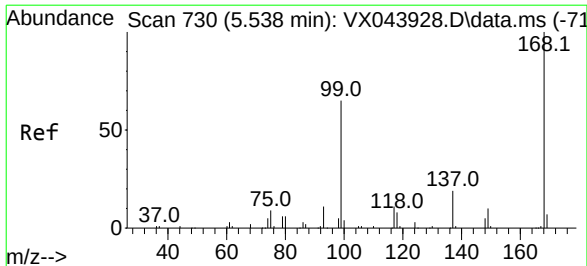
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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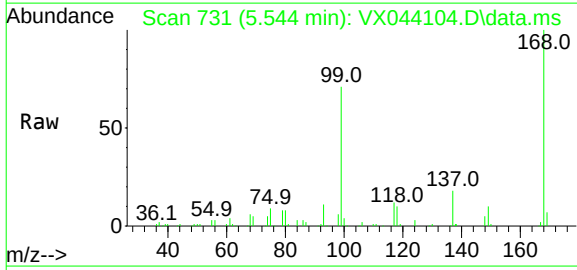
Quant Time: Dec 04 00:16:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
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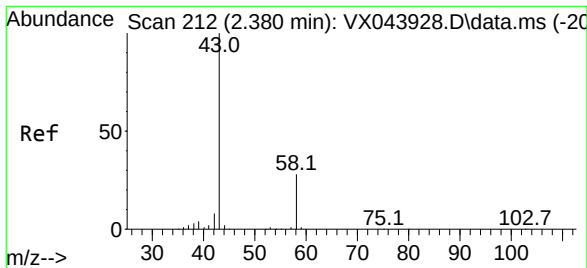
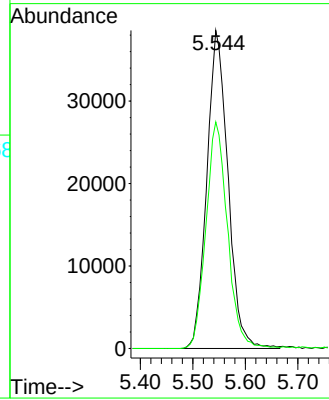
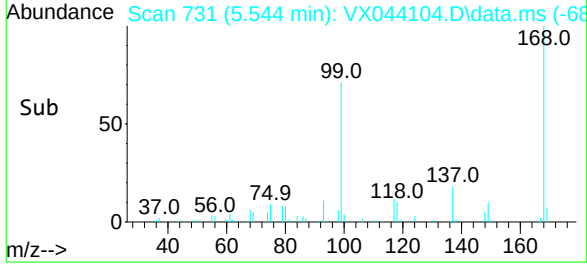


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044104.D
Acq: 03 Dec 2024 19:32

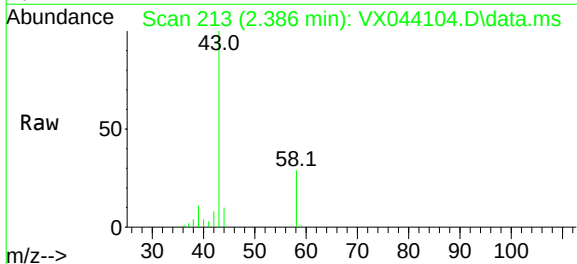
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-2



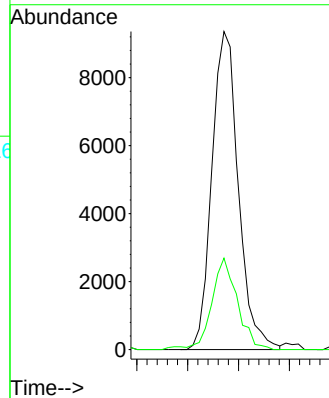
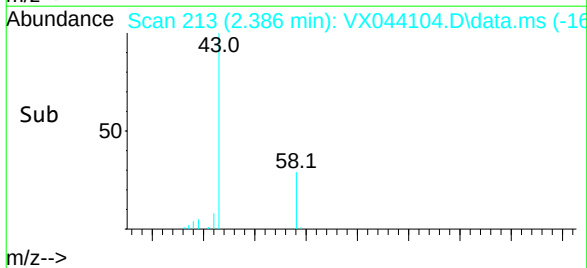
Tgt Ion: 168 Resp: 108046
Ion Ratio Lower Upper
168 100
99 71.2 51.8 77.8

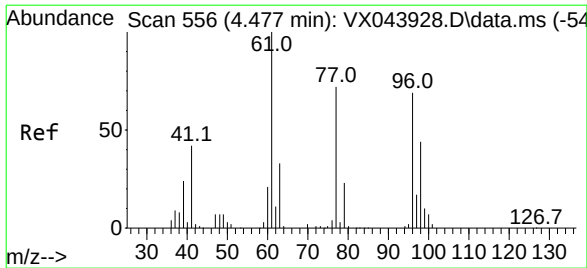


#16
Acetone
Concen: 19.870 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044104.D
Acq: 03 Dec 2024 19:32



Tgt Ion: 43 Resp: 16912
Ion Ratio Lower Upper
43 100
58 28.7 22.7 34.1

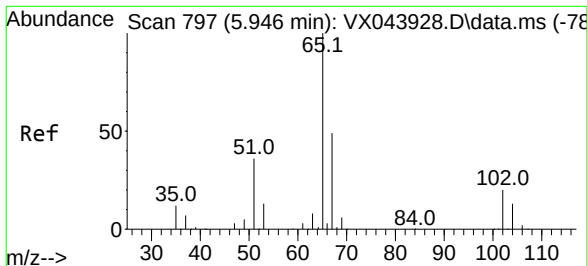
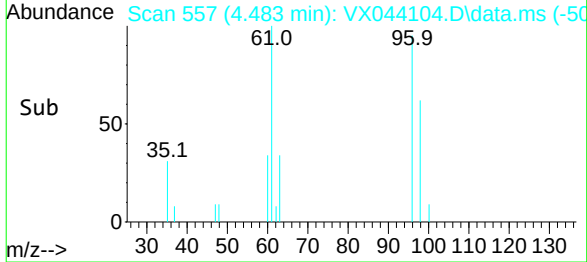
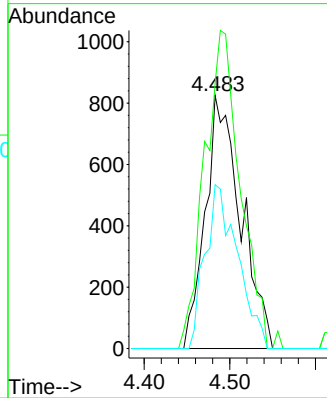
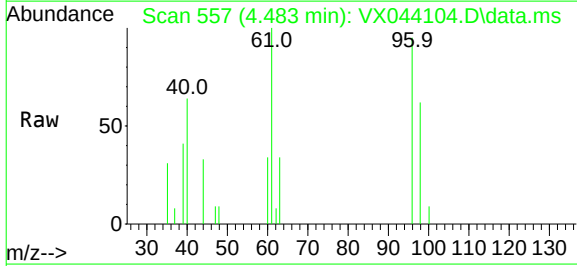




#27
 cis-1,2-Dichloroethene
 Concen: 1.497 ug/l
 RT: 4.483 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: VX044104.D
 Acq: 03 Dec 2024 19:32

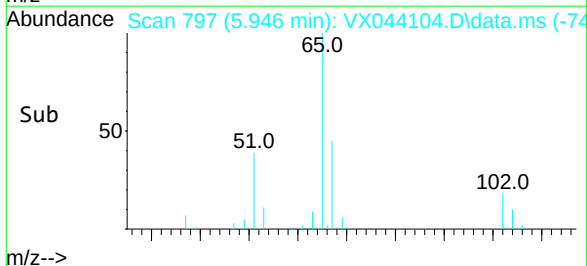
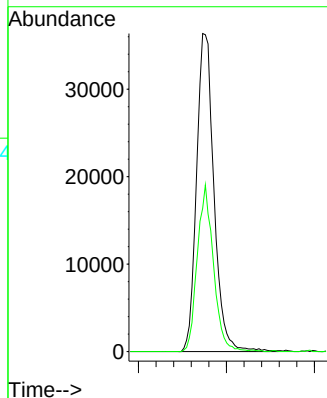
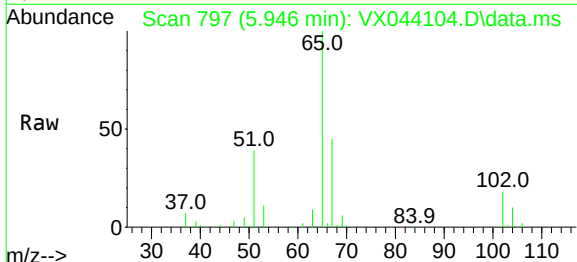
Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C12-2

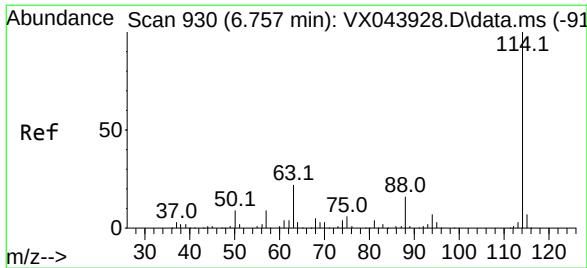
Tgt Ion: 96	Resp: 2378
Ion Ratio	Lower Upper
96 100	
61 125.4	0.0 297.4
98 59.1	0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 53.931 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX044104.D
 Acq: 03 Dec 2024 19:32

Tgt Ion: 65	Resp: 99943
Ion Ratio	Lower Upper
65 100	
67 48.6	0.0 100.8

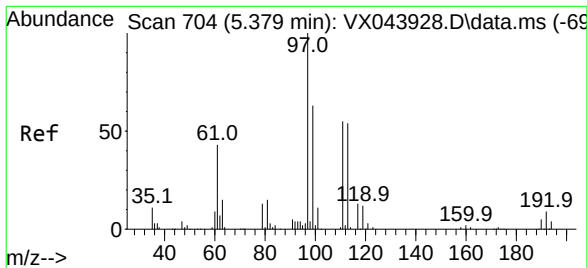
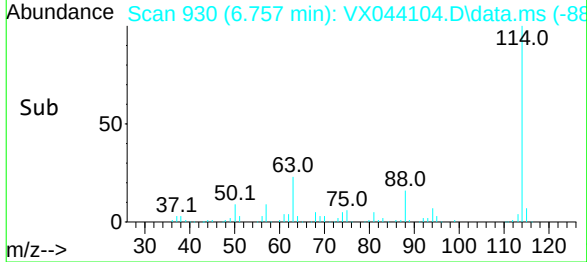
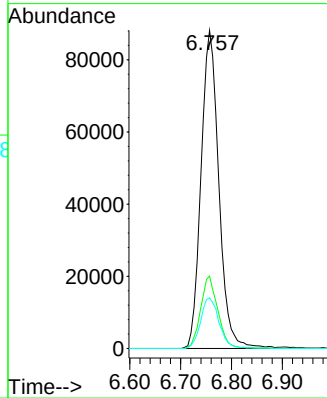
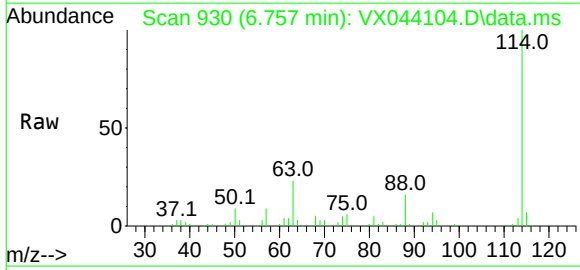




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044104.D
Acq: 03 Dec 2024 19:32

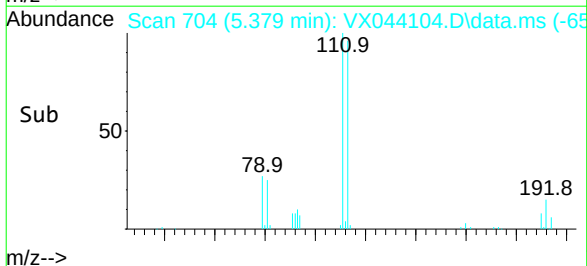
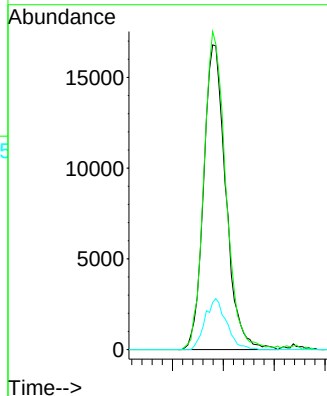
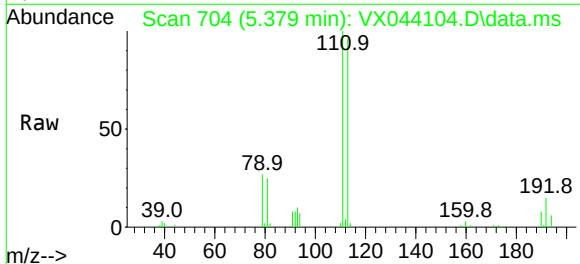
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-2

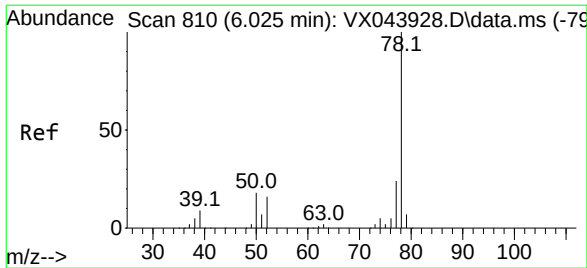
Tgt Ion:	114	Resp:	214154
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	15.9	0.0	32.4



#35
Dibromofluoromethane
Concen: 33.211 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044104.D
Acq: 03 Dec 2024 19:32

Tgt Ion:	113	Resp:	50820
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.4
192	16.2	13.0	19.6





#40

Benzene

Concen: 4.424 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

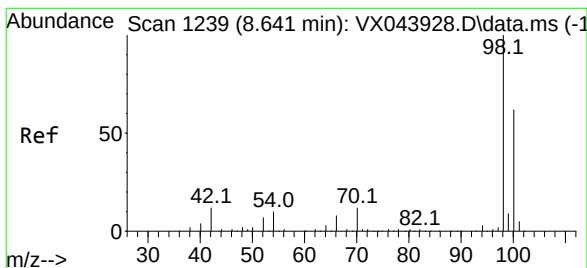
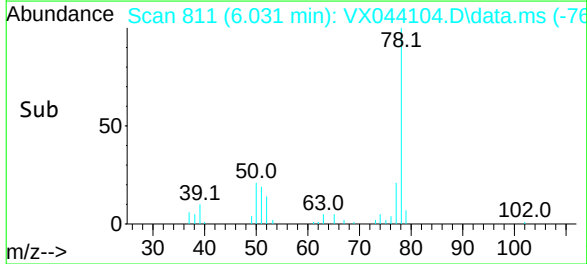
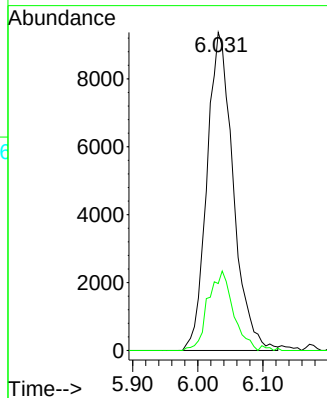
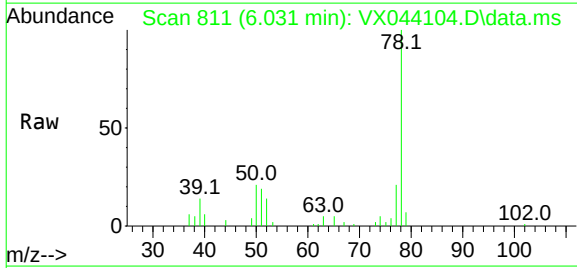
SPLP-C12-2

Tgt Ion: 78 Resp: 26275

Ion Ratio Lower Upper

78 100

77 21.1 19.2 28.8



#50

Toluene-d8

Concen: 50.045 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044104.D

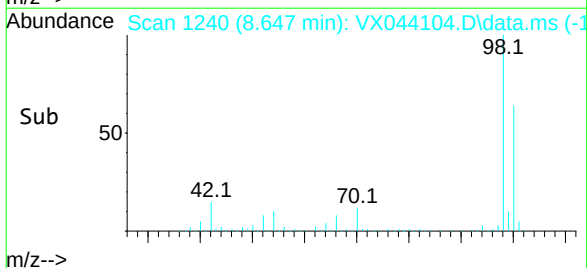
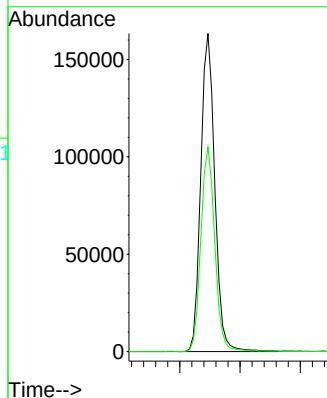
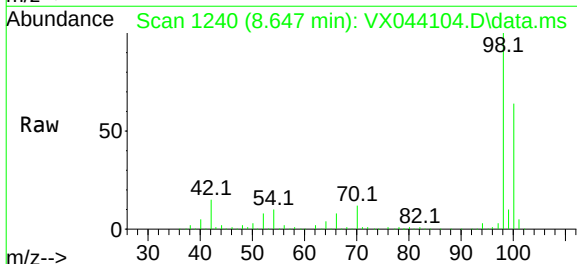
Acq: 03 Dec 2024 19:32

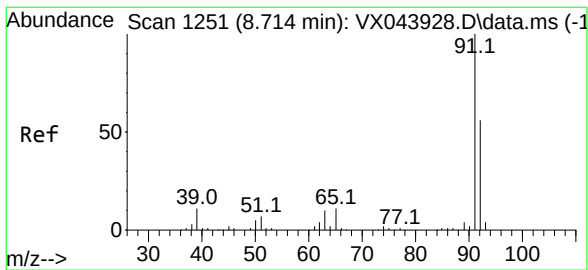
Tgt Ion: 98 Resp: 263984

Ion Ratio Lower Upper

98 100

100 64.1 52.6 79.0





#52

Toluene

Concen: 11.116 ug/l

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

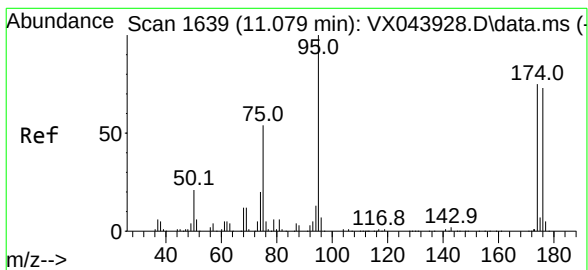
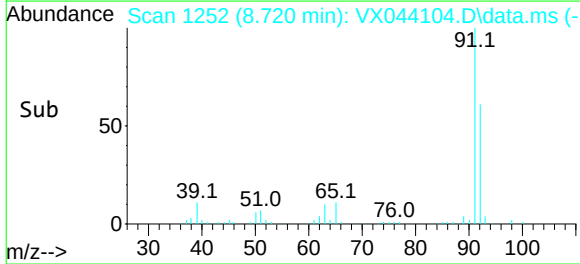
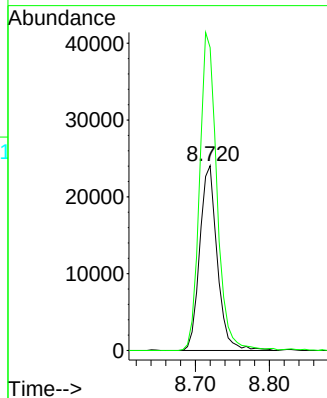
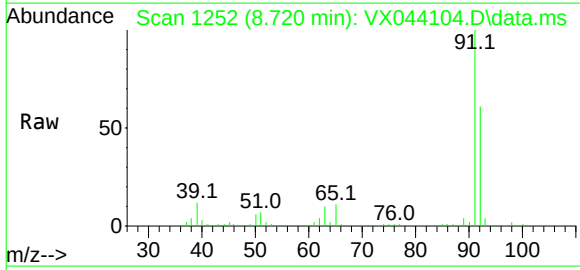
SPLP-C12-2

Tgt Ion: 92 Resp: 39517

Ion Ratio Lower Upper

92 100

91 170.3 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.782 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

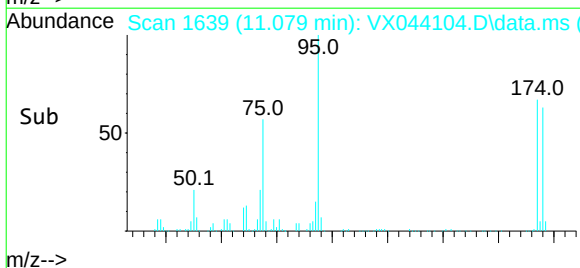
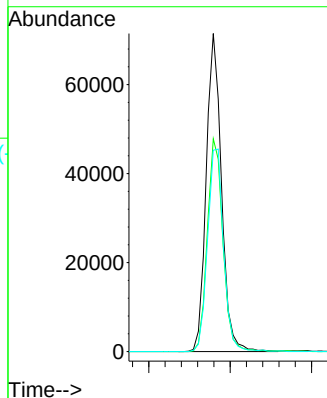
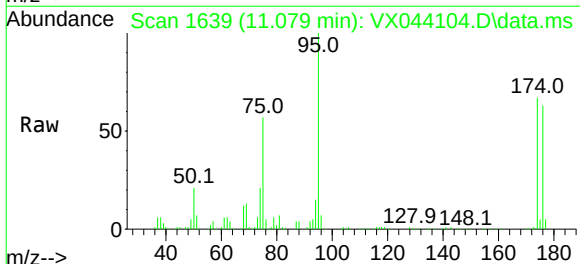
Tgt Ion: 95 Resp: 92959

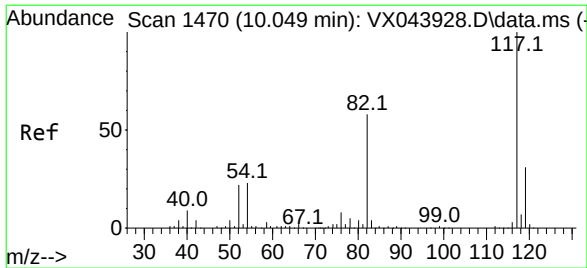
Ion Ratio Lower Upper

95 100

174 68.4 0.0 150.4

176 67.0 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: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2

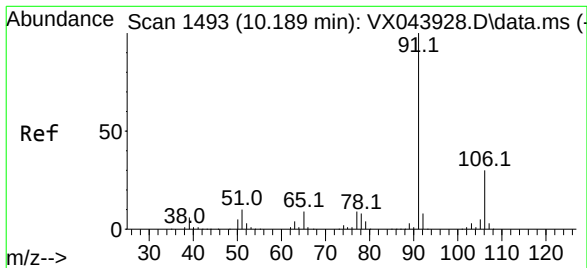
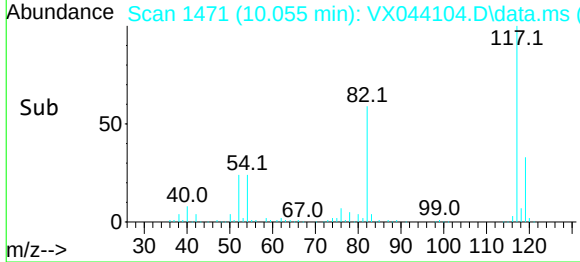
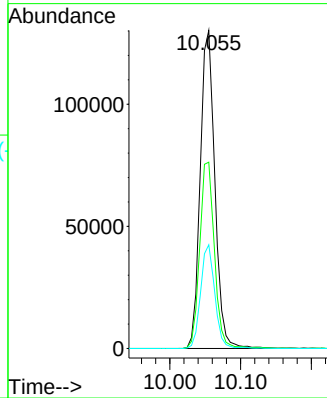
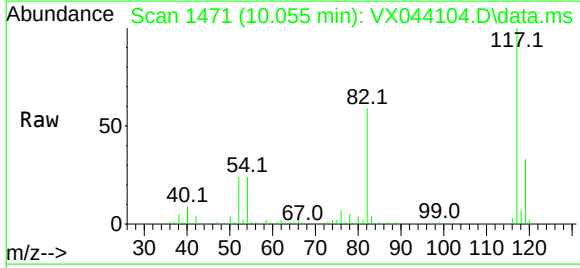
Tgt Ion:117 Resp: 187128

Ion Ratio Lower Upper

117 100

82 58.6 46.4 69.6

119 32.6 24.6 37.0



#67

Ethyl Benzene

Concen: 88.376 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044104.D

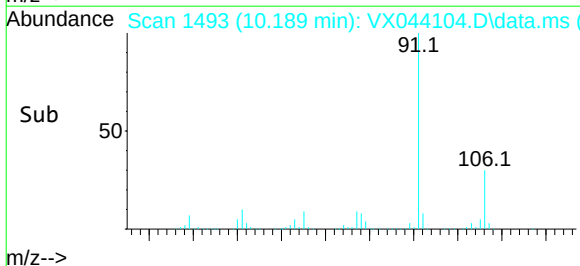
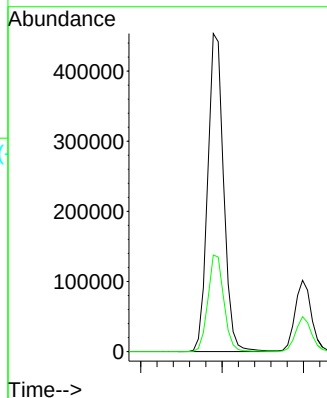
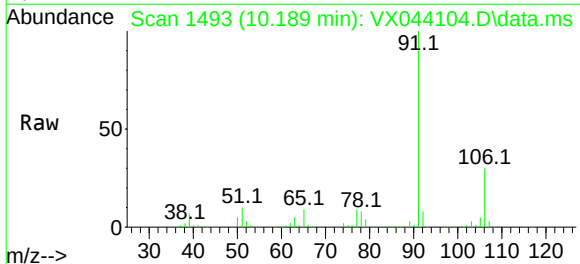
Acq: 03 Dec 2024 19:32

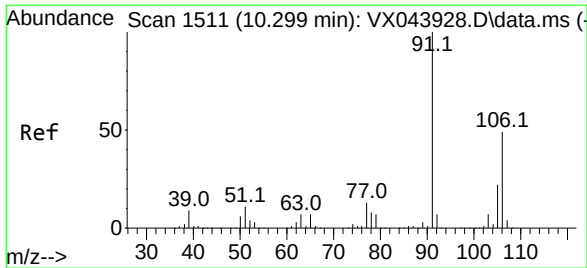
Tgt Ion: 91 Resp: 615465

Ion Ratio Lower Upper

91 100

106 30.3 23.6 35.4





#68

m/p-Xylenes

Concen: 26.113 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

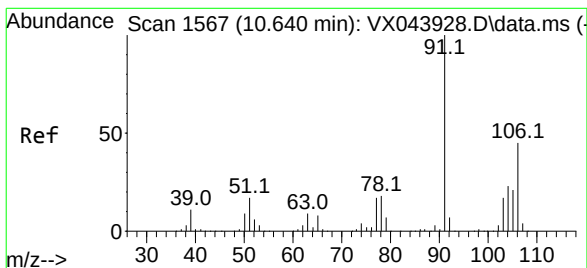
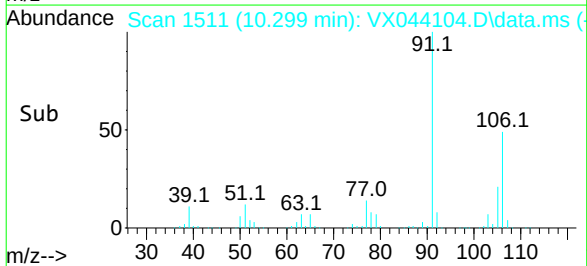
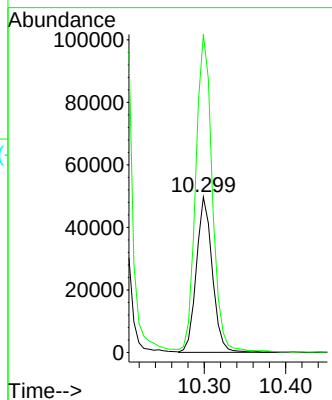
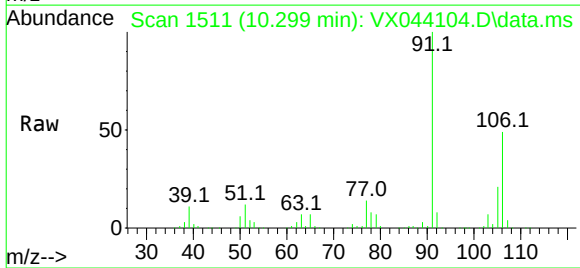
SPLP-C12-2

Tgt Ion:106 Resp: 67817

Ion Ratio Lower Upper

106 100

91 208.2 168.1 252.1



#69

o-Xylene

Concen: 25.956 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044104.D

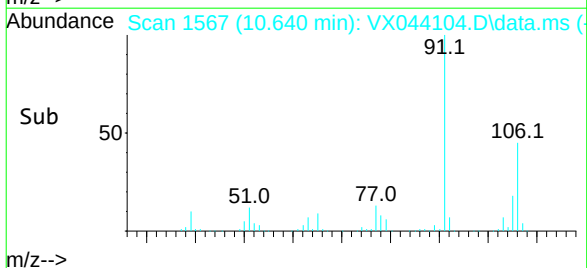
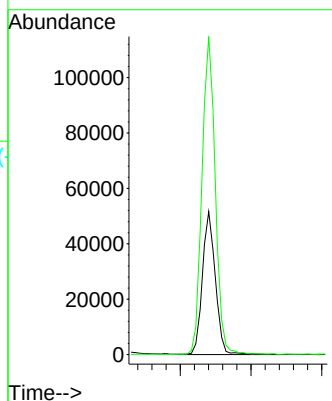
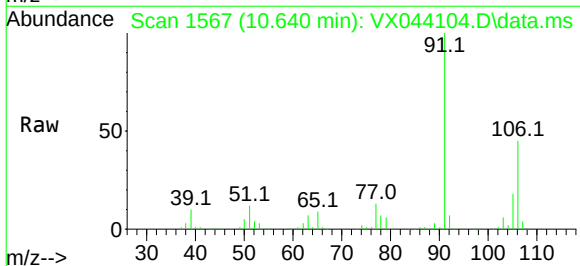
Acq: 03 Dec 2024 19:32

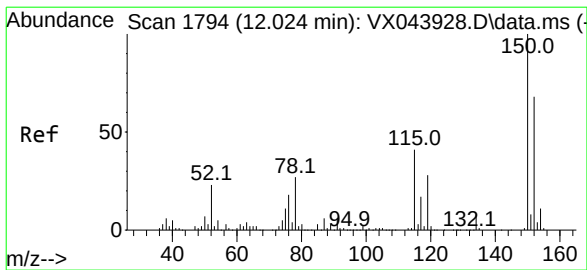
Tgt Ion:106 Resp: 65816

Ion Ratio Lower Upper

106 100

91 228.5 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044104.D

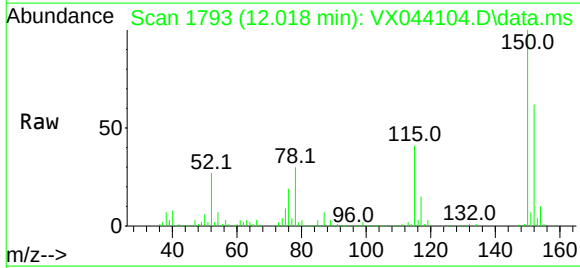
Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2



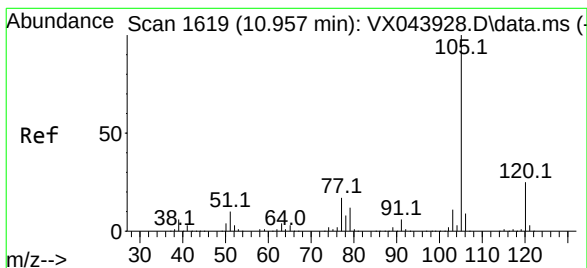
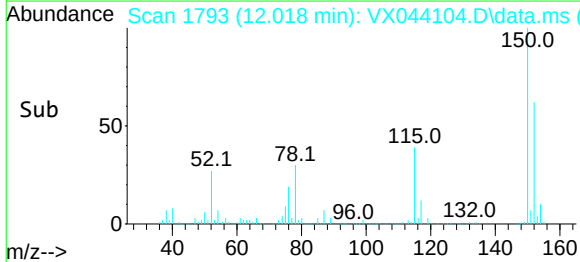
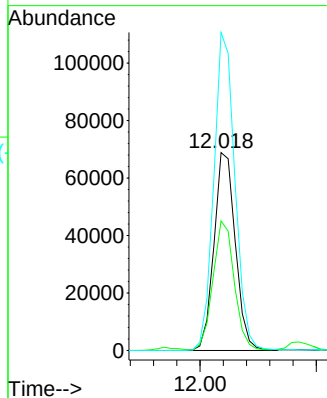
Tgt Ion:152 Resp: 87999

Ion Ratio Lower Upper

152 100

115 64.7 45.4 136.2

150 159.1 0.0 353.0



#73

Isopropylbenzene

Concen: 7.005 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044104.D

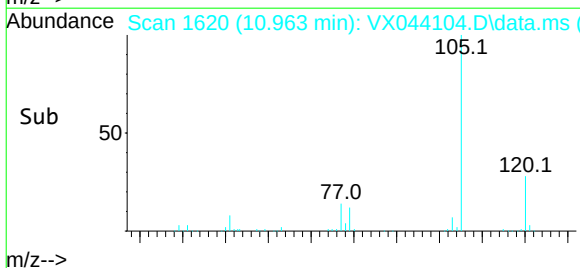
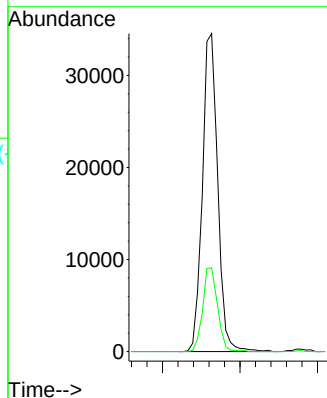
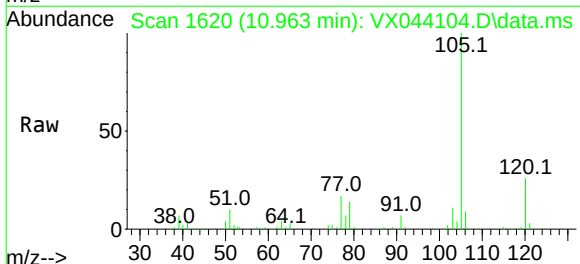
Acq: 03 Dec 2024 19:32

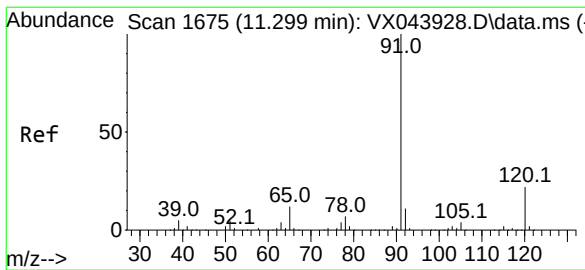
Tgt Ion:105 Resp: 47387

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9

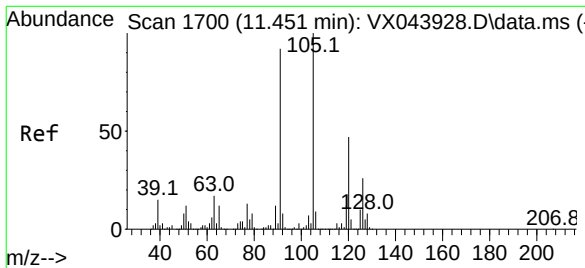
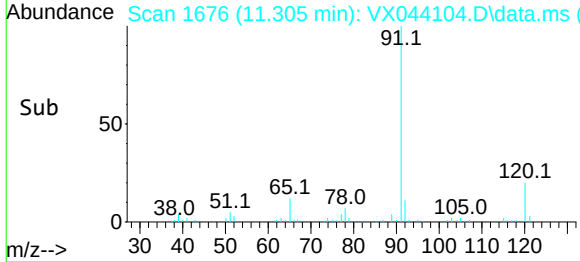
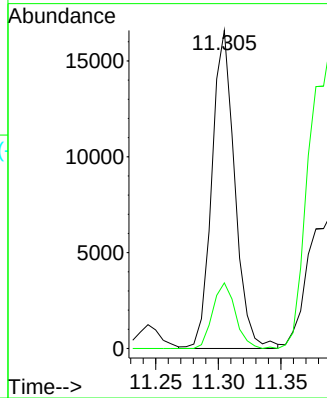
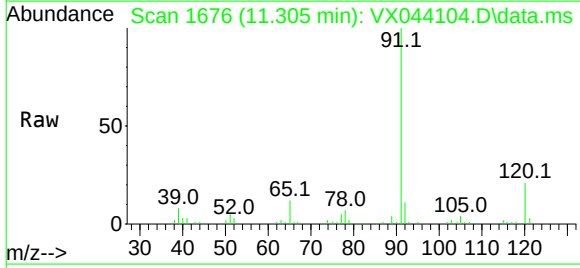




#78
n-propylbenzene
Concen: 2.792 ug/l
RT: 11.305 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VX044104.D
Acq: 03 Dec 2024 19:32

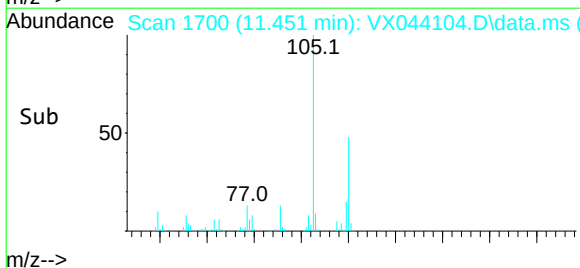
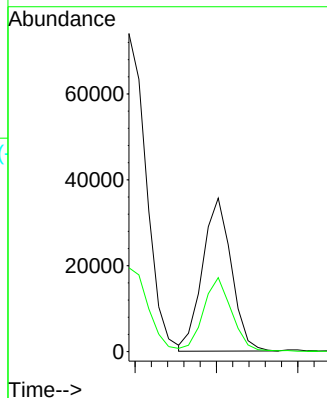
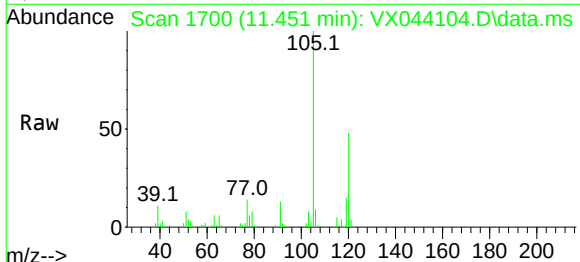
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-2

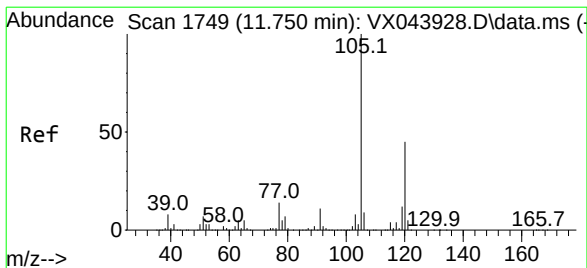
Tgt Ion: 91 Resp: 21092
Ion Ratio Lower Upper
91 100
120 20.3 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 7.912 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044104.D
Acq: 03 Dec 2024 19:32

Tgt Ion: 105 Resp: 44030
Ion Ratio Lower Upper
105 100
120 48.0 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 29.013 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

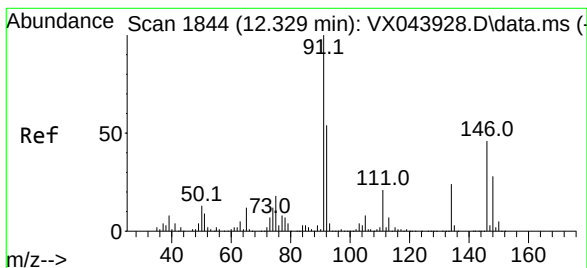
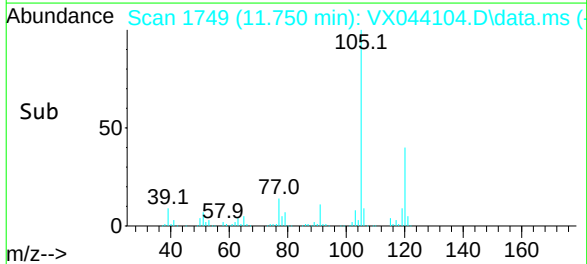
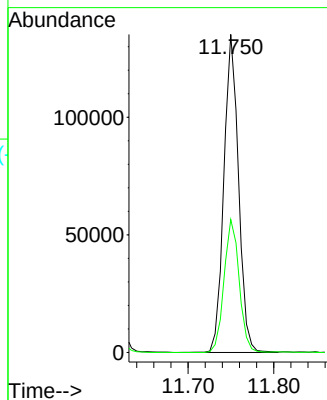
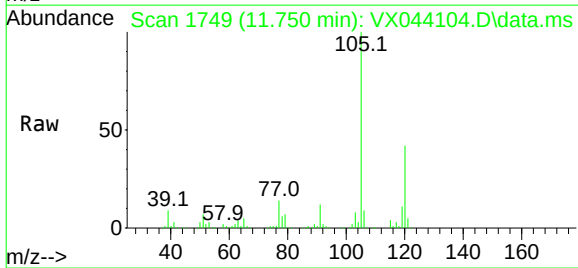
SPLP-C12-2

Tgt Ion:105 Resp: 160752

Ion Ratio Lower Upper

105 100

120 43.1 21.9 65.7



#89

n-Butylbenzene

Concen: 1.709 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

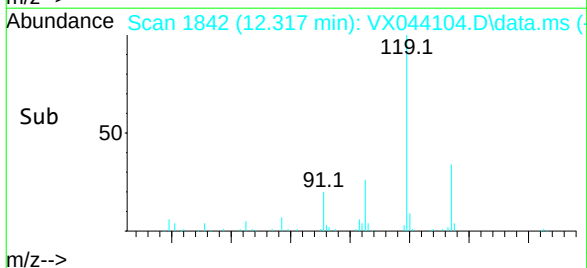
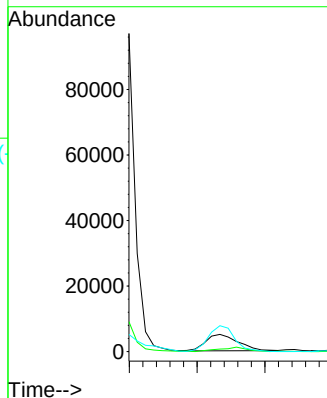
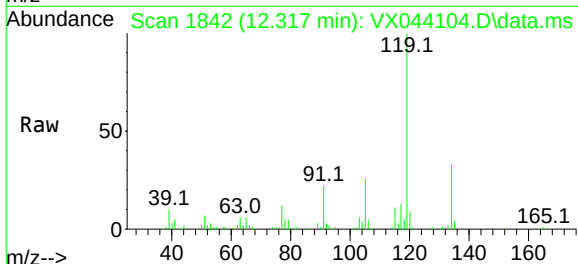
Tgt Ion: 91 Resp: 8271

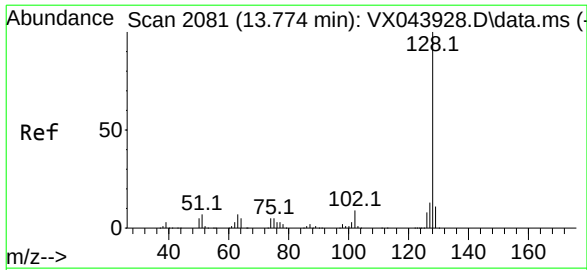
Ion Ratio Lower Upper

91 100

92 24.1 26.6 79.8#

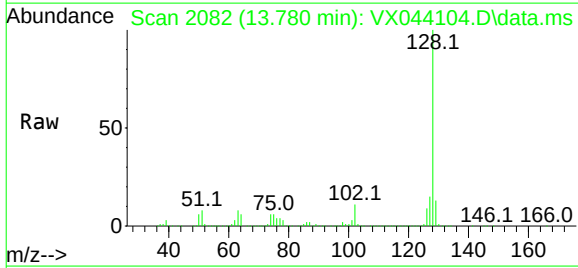
134 128.5 12.4 37.2#





#95
Naphthalene
Concen: 1395.127 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044104.D
Acq: 03 Dec 2024 19:32

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-2



Tgt Ion:128 Resp: 8781560
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.2
129 12.4 8.6 12.8

