

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044124.D
 Acq On : 04 Dec 2024 18:02
 Operator : JC/MD
 Sample : P5006-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-2RE

Quant Time: Dec 05 00:33:43 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)

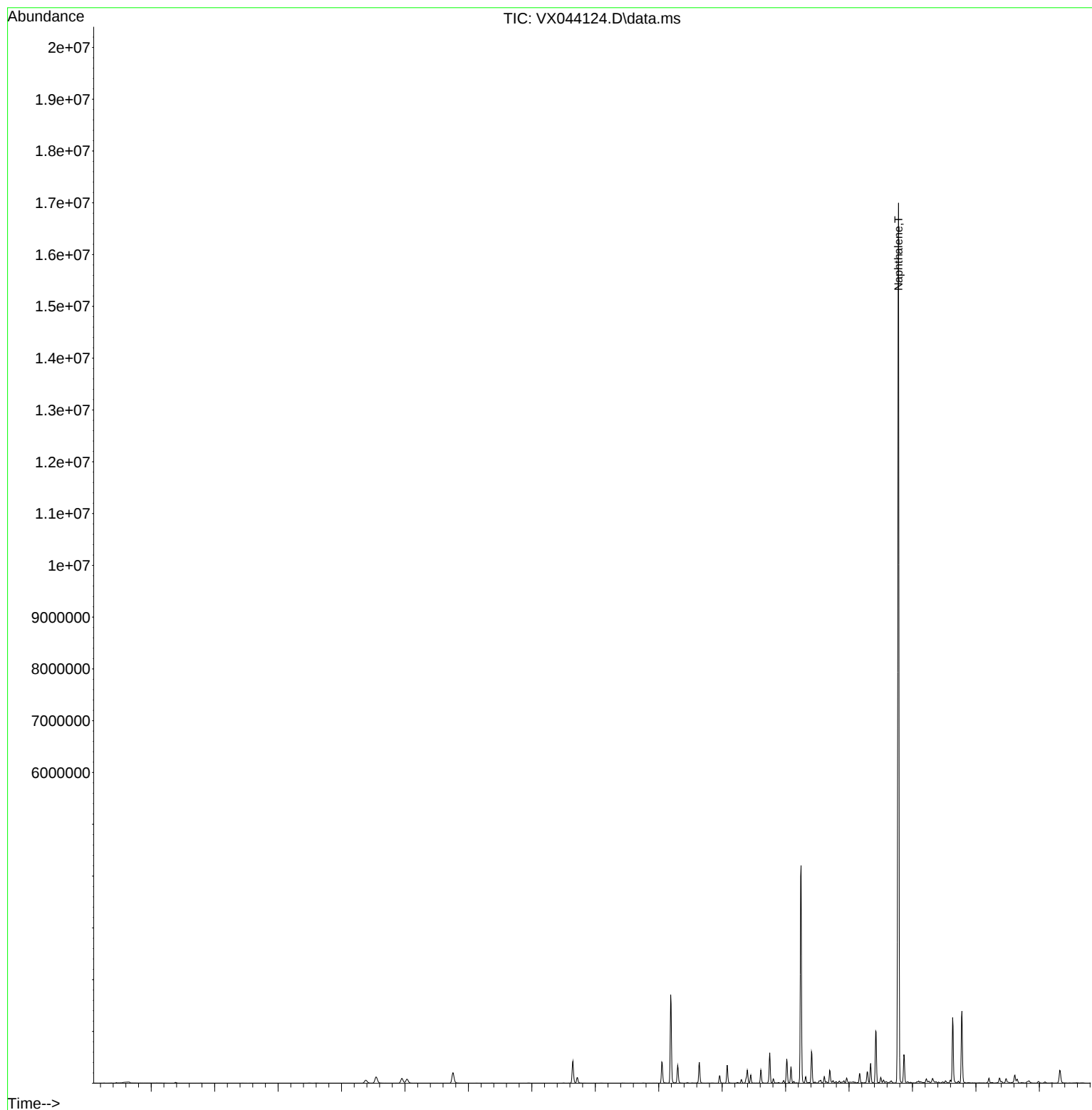
Internal Standards						
1) Pentafluorobenzene	5.550	168	102035	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	197413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	177983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91204	52.114	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.220%		
35) Dibromofluoromethane	5.385	113	50355	35.697	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 71.400%#		
50) Toluene-d8	8.647	98	244845	50.353	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.700%		
62) 4-Bromofluorobenzene	11.079	95	87173	52.677	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.360%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	16245	20.210	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	1831	1.220	ug/l	94
40) Benzene	6.031	78	90755	16.575	ug/l	100
52) Toluene	8.714	92	40246	12.281	ug/l	99
67) Ethyl Benzene	10.189	91	965718	145.795	ug/l	99
68) m/p-Xylenes	10.299	106	75170	30.431	ug/l	98
69) o-Xylene	10.640	106	81544	33.811	ug/l	94
73) Isopropylbenzene	10.963	105	74805	11.969	ug/l	99
78) n-propylbenzene	11.305	91	42414	6.076	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	62034	12.065	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	242025	47.279	ug/l	98
89) n-Butylbenzene	12.317	91	12335	2.758	ug/l #	5
95) Naphthalene	13.780	128	9252411	1590.973	ug/l	96

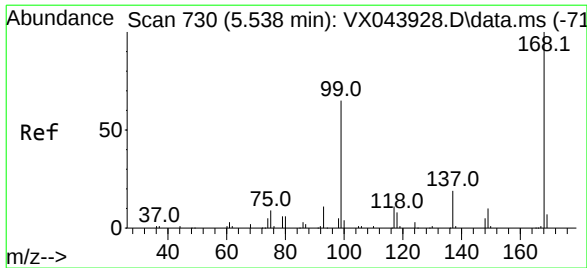
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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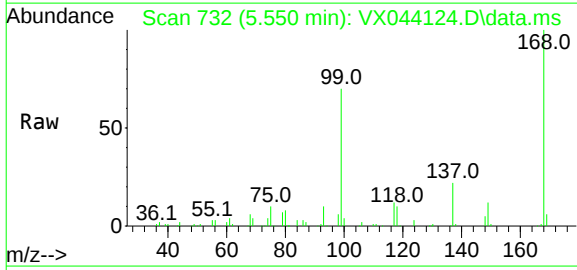
Quant Time: Dec 05 00:33:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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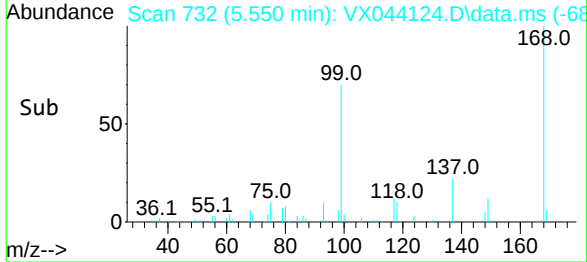
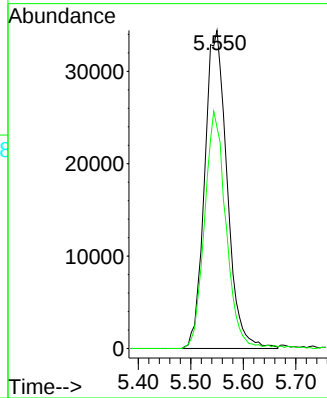


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-2RE

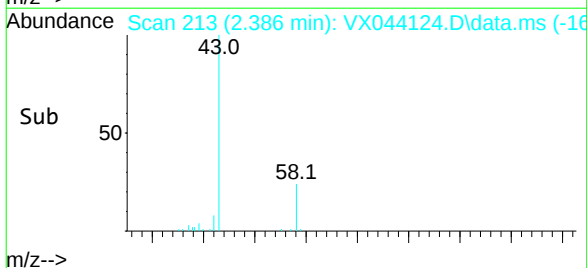
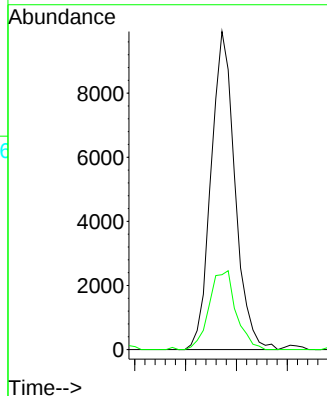
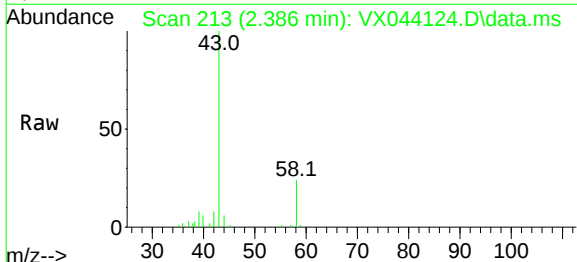


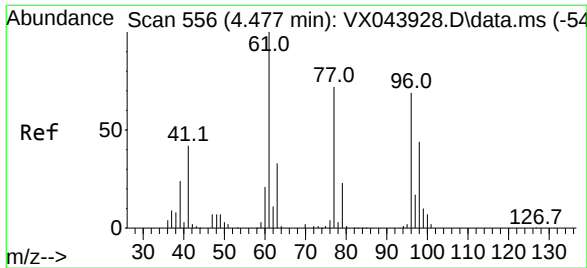
Tgt Ion: 168 Resp: 102035
Ion Ratio Lower Upper
168 100
99 69.5 51.8 77.8



#16
Acetone
Concen: 20.210 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

Tgt Ion: 43 Resp: 16245
Ion Ratio Lower Upper
43 100
58 23.6 22.7 34.1

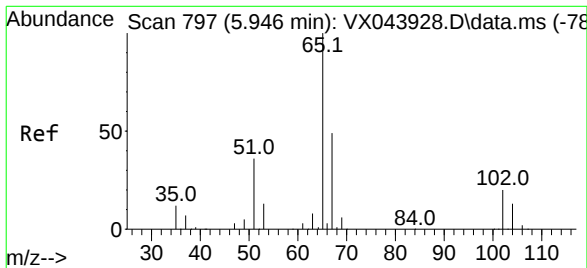
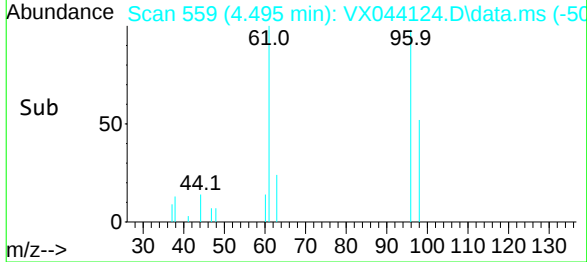
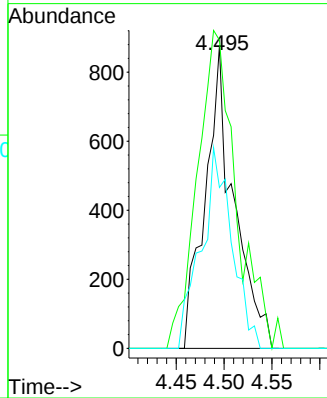
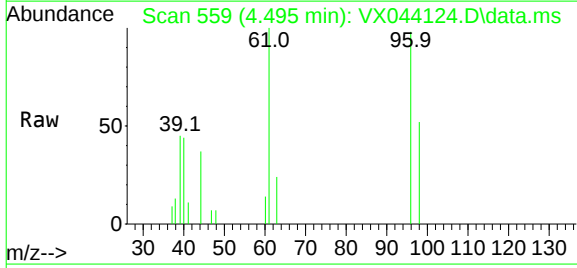




#27
 cis-1,2-Dichloroethene
 Concen: 1.220 ug/l
 RT: 4.495 min Scan# 556
 Delta R.T. 0.018 min
 Lab File: VX044124.D
 Acq: 04 Dec 2024 18:02

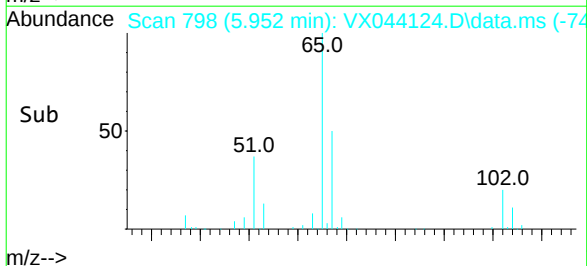
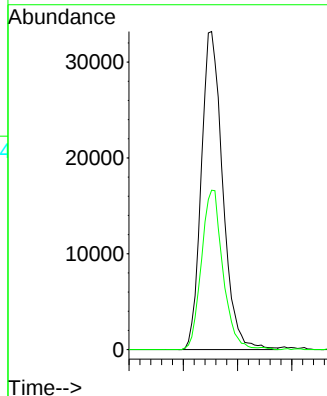
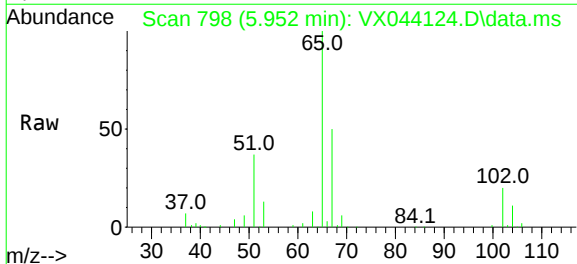
Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-2RE

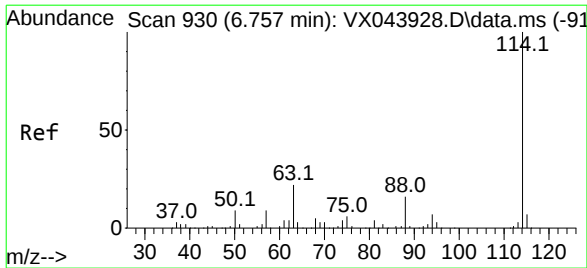
Tgt Ion: 96 Resp: 1831
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 297.4
 98 71.2 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 52.114 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX044124.D
 Acq: 04 Dec 2024 18:02

Tgt Ion: 65 Resp: 91204
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.8

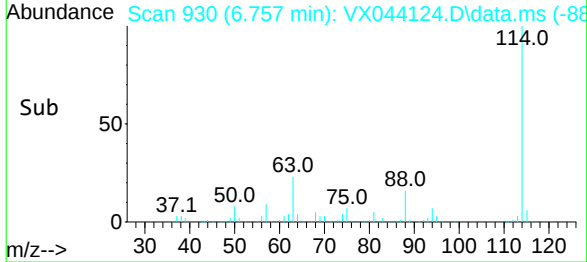
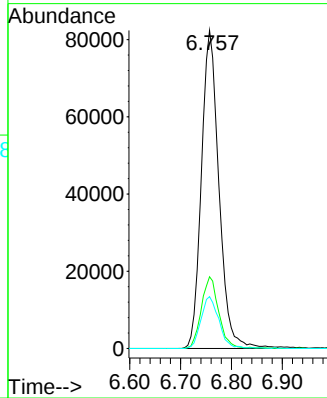
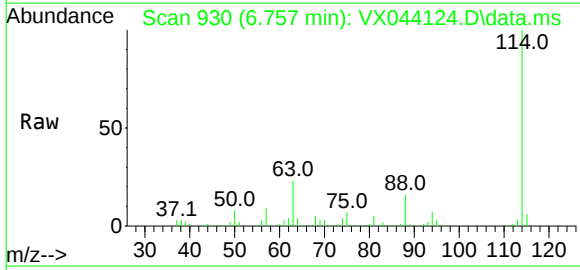




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

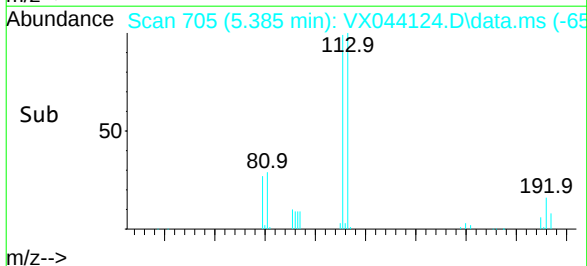
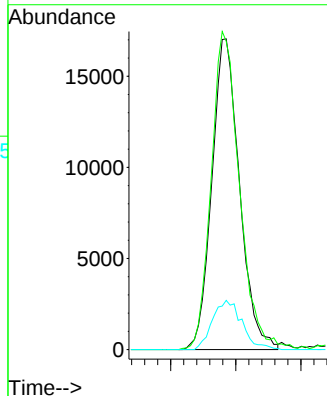
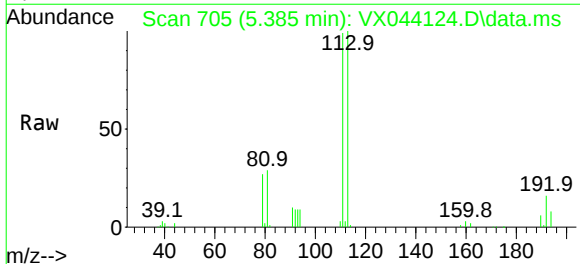
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-2RE

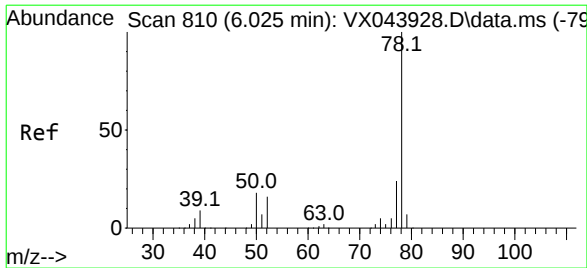
Tgt Ion:	114	Resp:	197413
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.3	0.0	32.4



#35
Dibromofluoromethane
Concen: 35.697 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

Tgt Ion:	113	Resp:	50355
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.0	121.4
192	16.9	13.0	19.6





#40

Benzene

Concen: 16.575 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

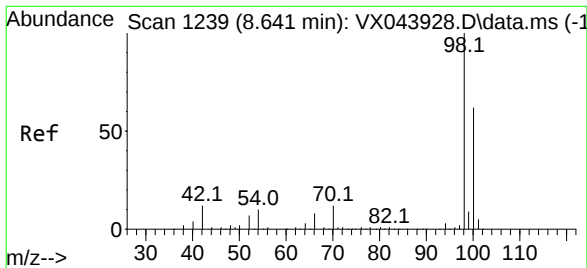
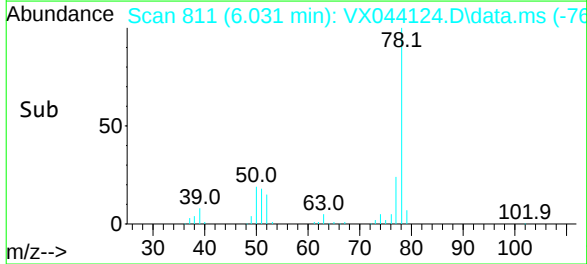
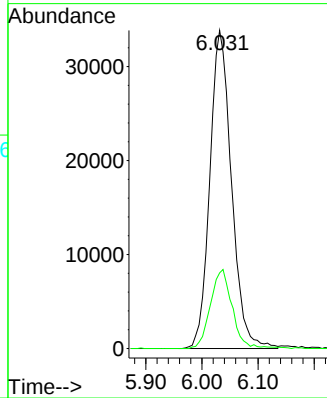
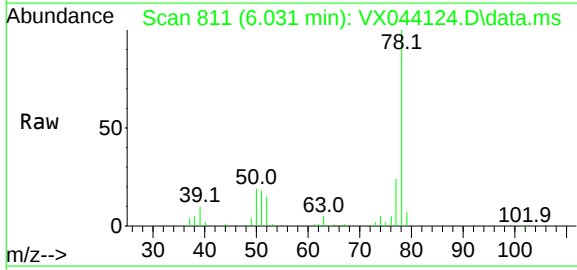
SPLP-C11-2RE

Tgt Ion: 78 Resp: 90755

Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8



#50

Toluene-d8

Concen: 50.353 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044124.D

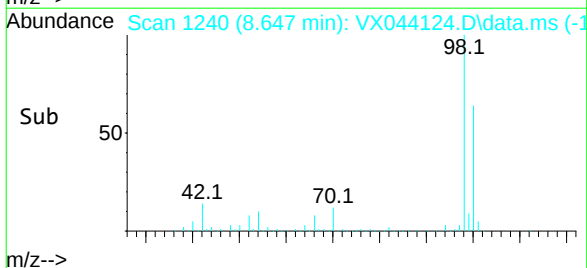
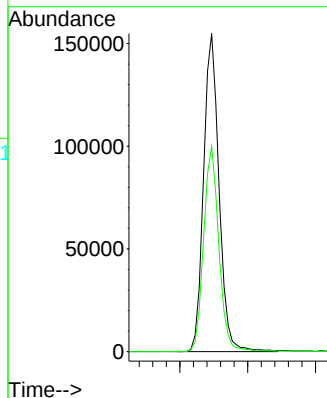
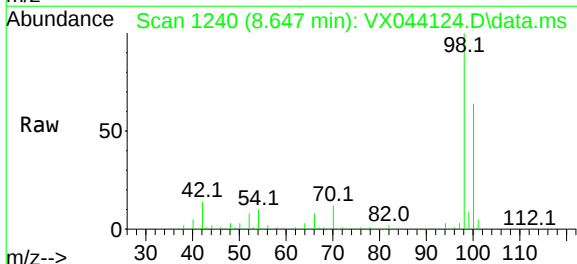
Acq: 04 Dec 2024 18:02

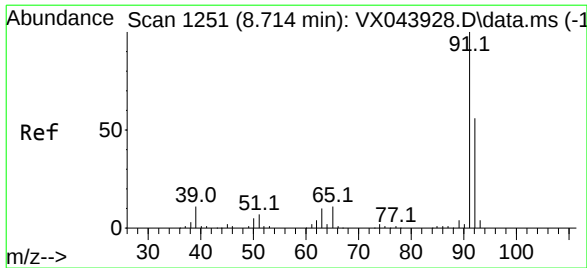
Tgt Ion: 98 Resp: 244845

Ion Ratio Lower Upper

98 100

100 63.8 52.6 79.0





#52

Toluene

Concen: 12.281 ug/l

RT: 8.714 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

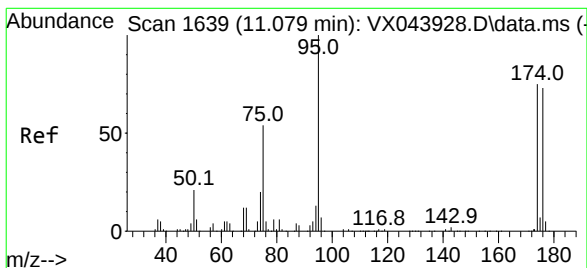
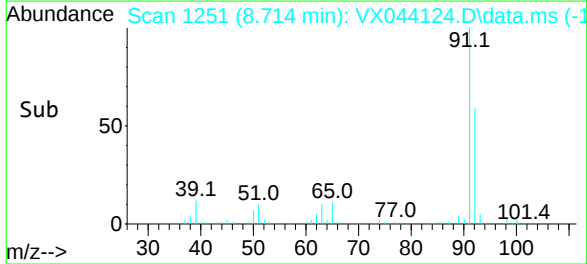
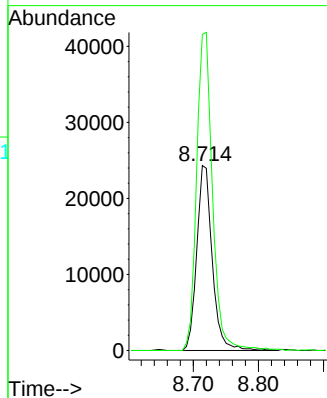
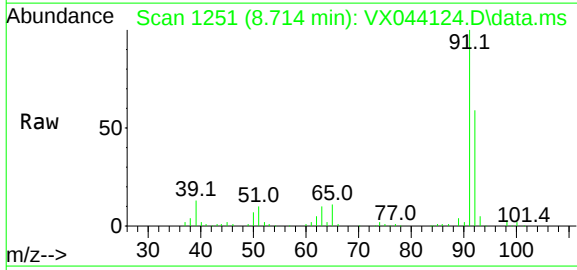
SPLP-C11-2RE

Tgt Ion: 92 Resp: 40246

Ion Ratio Lower Upper

92 100

91 176.2 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 52.677 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

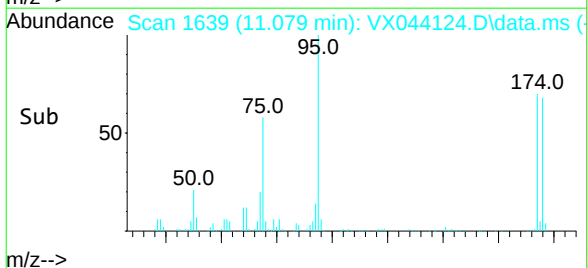
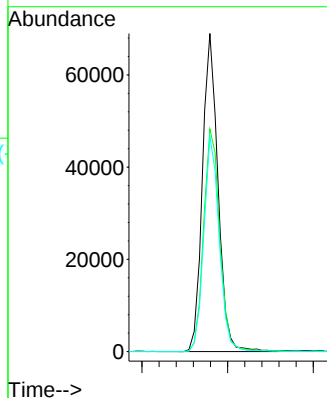
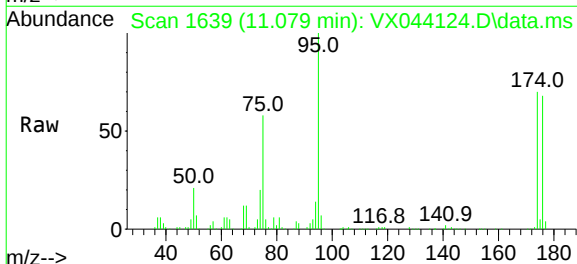
Tgt Ion: 95 Resp: 87173

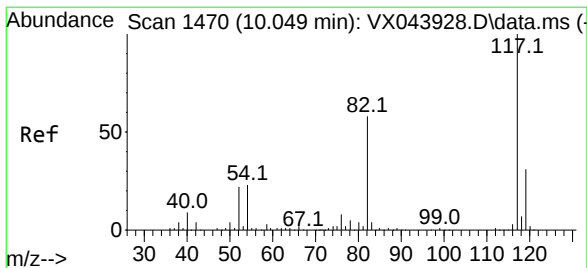
Ion Ratio Lower Upper

95 100

174 72.6 0.0 150.4

176 67.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2RE

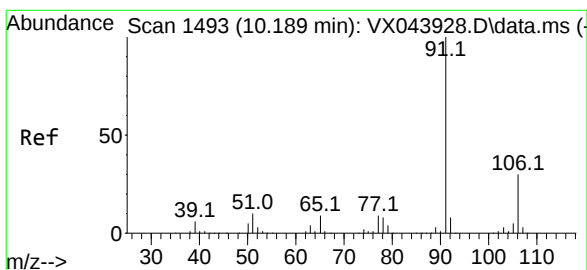
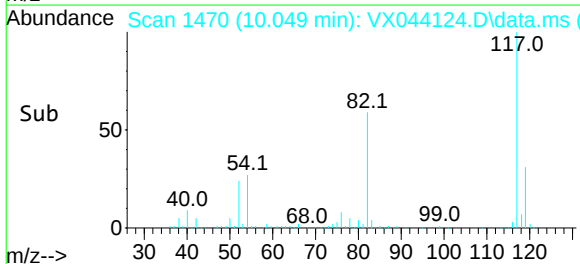
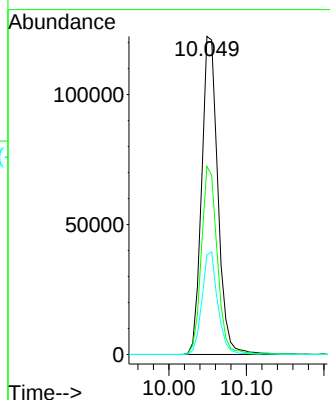
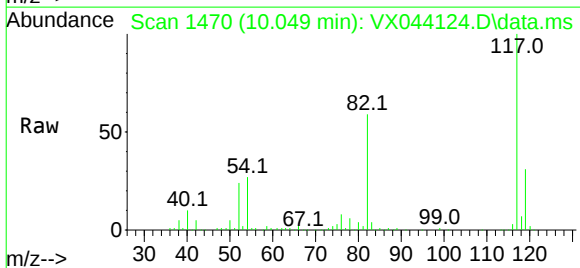
Tgt Ion:117 Resp: 177983

Ion Ratio Lower Upper

117 100

82 59.2 46.4 69.6

119 31.3 24.6 37.0



#67

Ethyl Benzene

Concen: 145.795 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044124.D

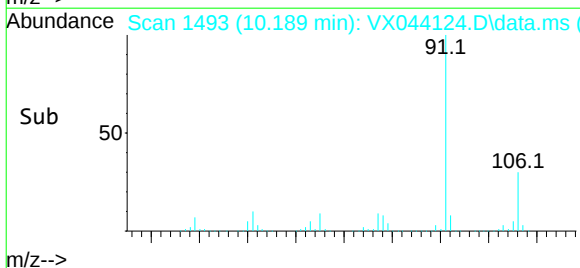
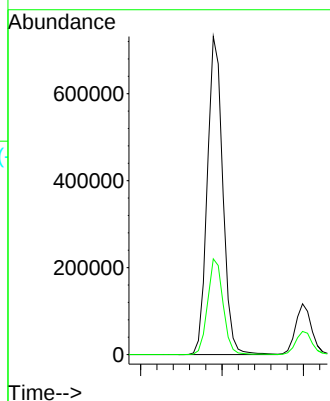
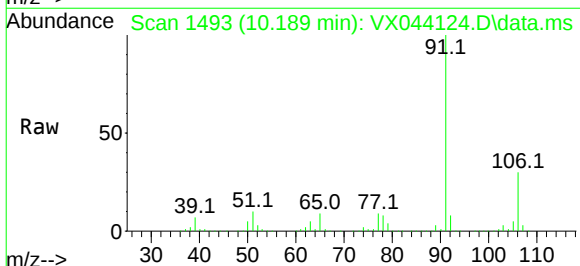
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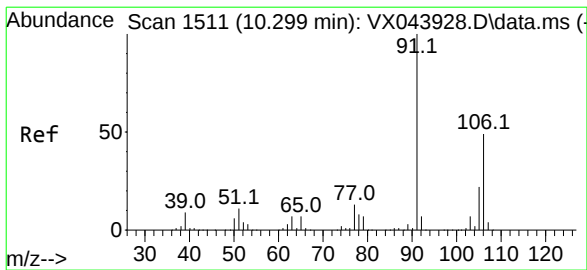
Tgt Ion: 91 Resp: 965718

Ion Ratio Lower Upper

91 100

106 30.1 23.6 35.4

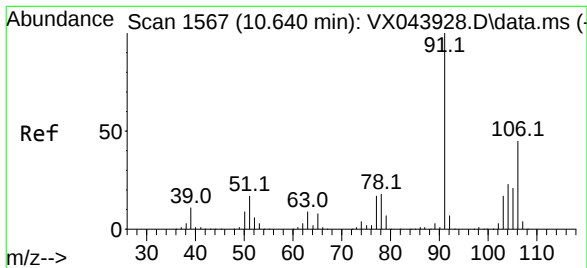
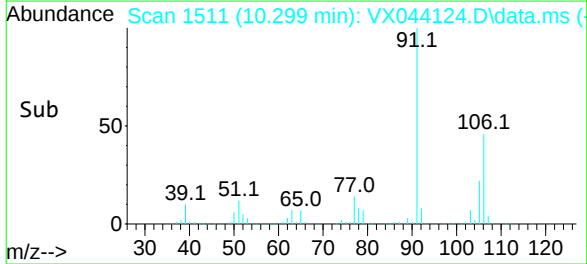
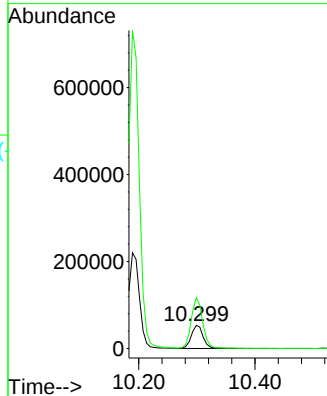
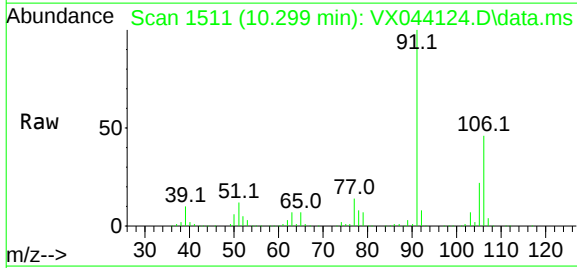




#68
m/p-Xylenes
Concen: 30.431 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

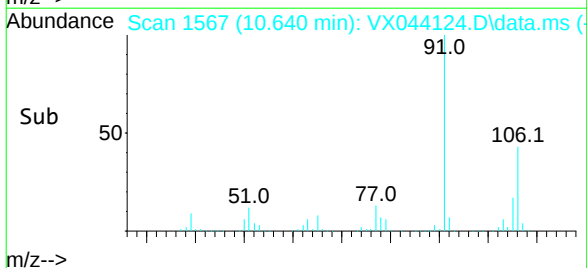
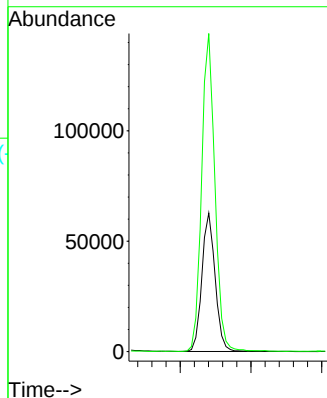
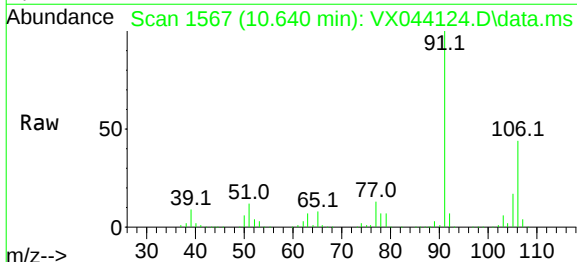
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-2RE

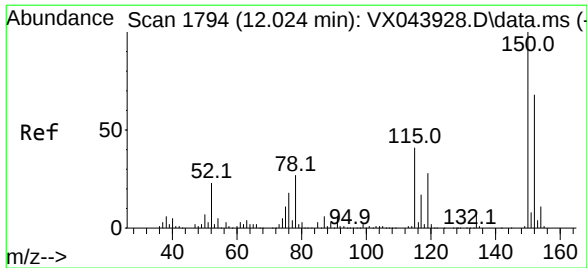
Tgt Ion:106 Resp: 75170
Ion Ratio Lower Upper
106 100
91 212.8 168.1 252.1



#69
o-Xylene
Concen: 33.811 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

Tgt Ion:106 Resp: 81544
Ion Ratio Lower Upper
106 100
91 229.8 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2RE

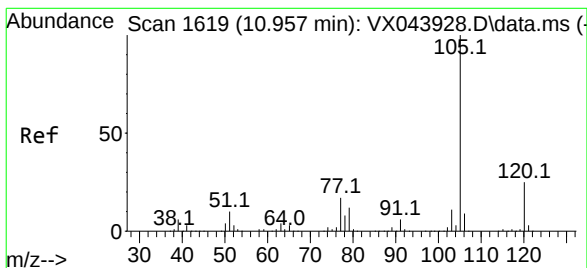
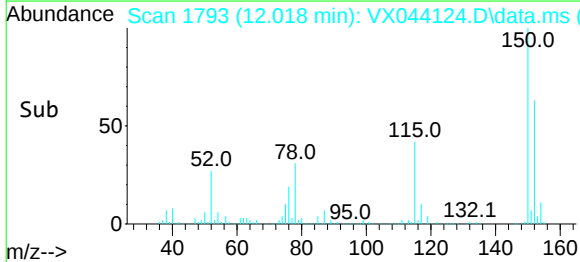
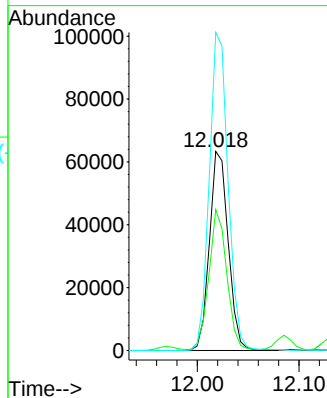
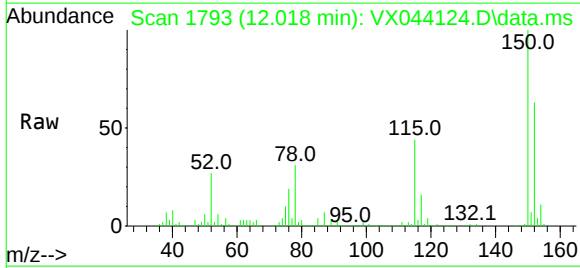
Tgt Ion:152 Resp: 81304

Ion Ratio Lower Upper

152 100

115 66.7 45.4 136.2

150 159.5 0.0 353.0



#73

Isopropylbenzene

Concen: 11.969 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044124.D

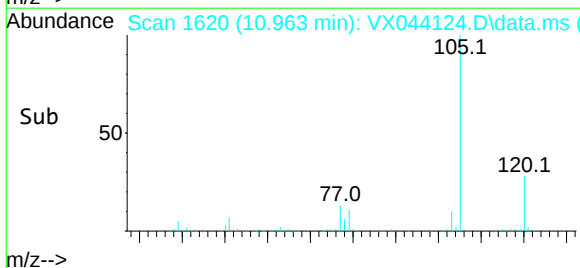
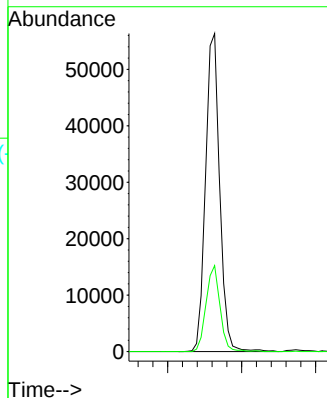
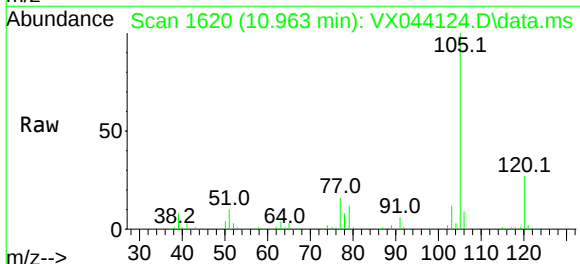
Acq: 04 Dec 2024 18:02

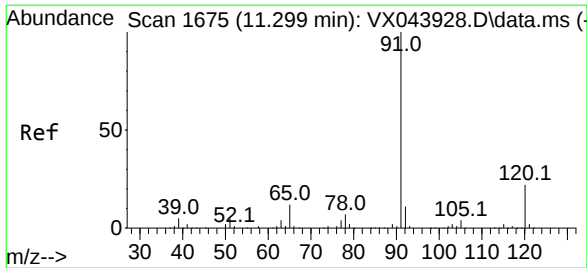
Tgt Ion:105 Resp: 74805

Ion Ratio Lower Upper

105 100

120 26.6 13.0 38.9





#78

n-propylbenzene

Concen: 6.076 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

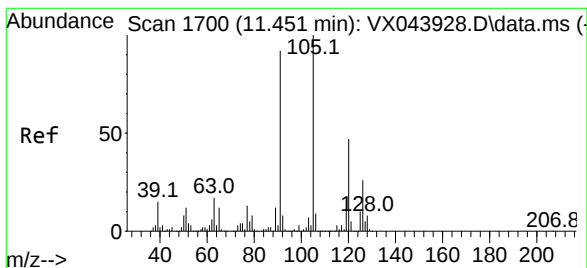
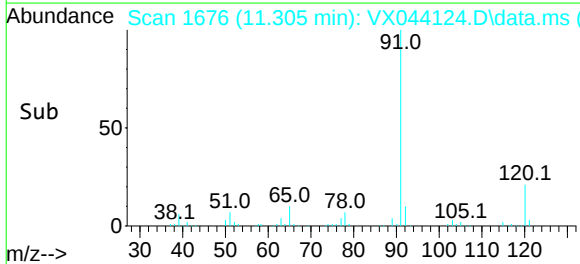
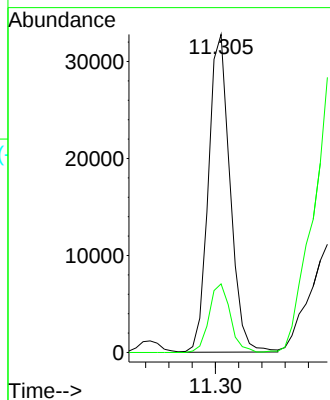
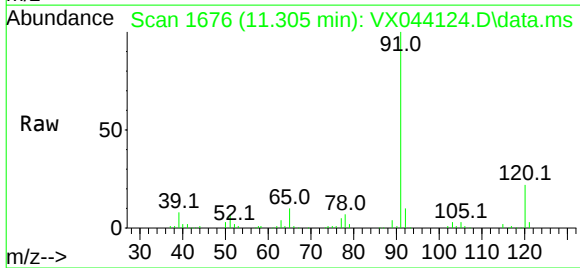
SPLP-C11-2RE

Tgt Ion: 91 Resp: 42414

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 12.065 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044124.D

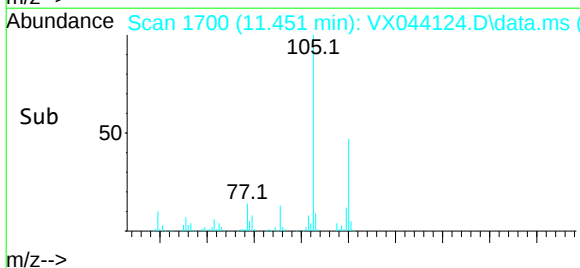
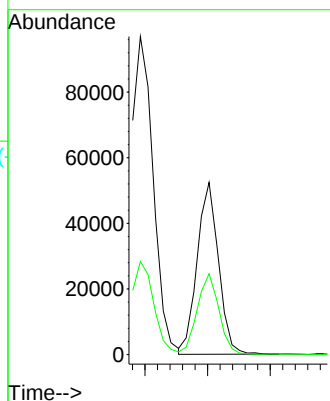
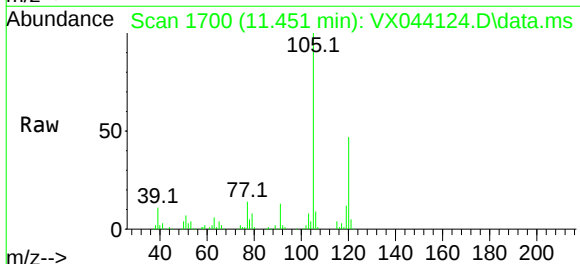
Acq: 04 Dec 2024 18:02

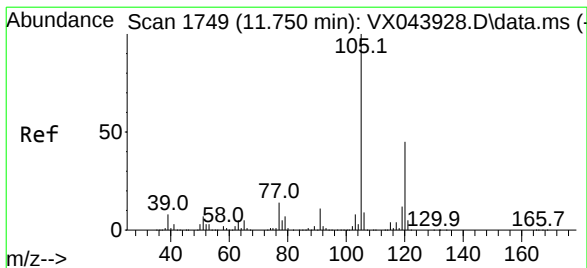
Tgt Ion: 105 Resp: 62034

Ion Ratio Lower Upper

105 100

120 47.5 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 47.279 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

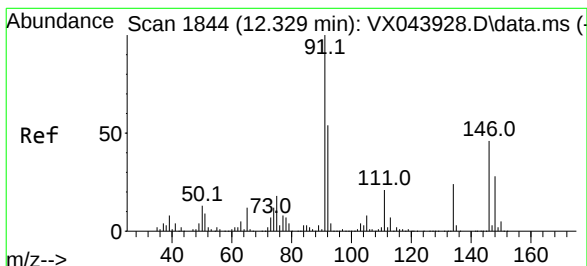
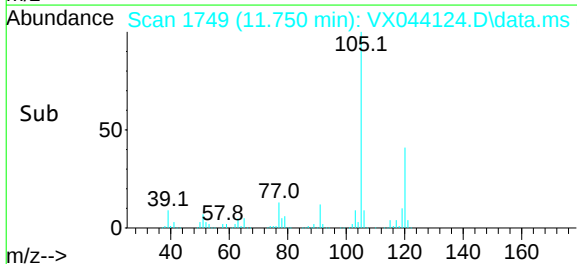
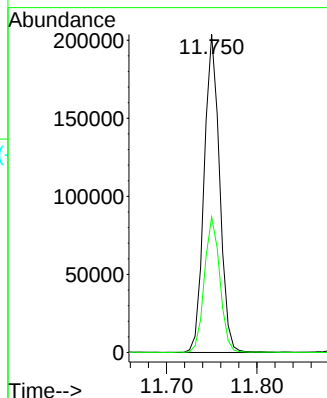
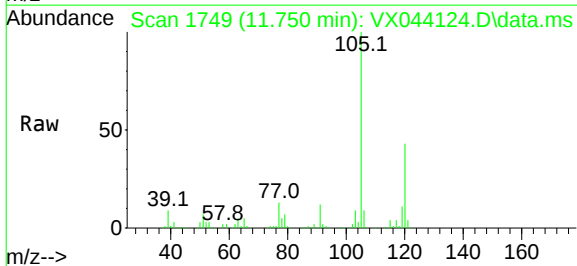
SPLP-C11-2RE

Tgt Ion:105 Resp: 242025

Ion Ratio Lower Upper

105 100

120 42.6 21.9 65.7



#89

n-Butylbenzene

Concen: 2.758 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

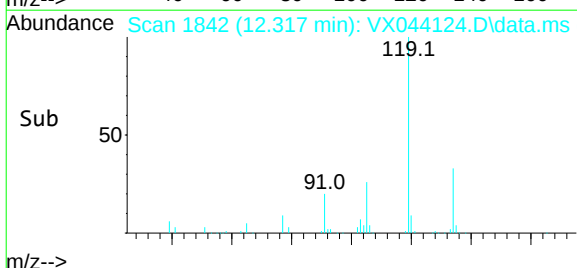
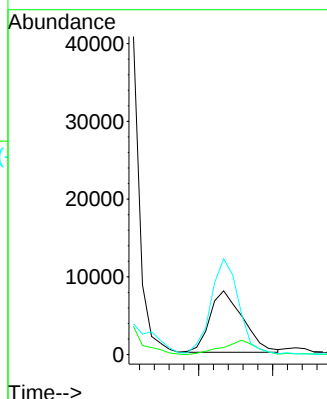
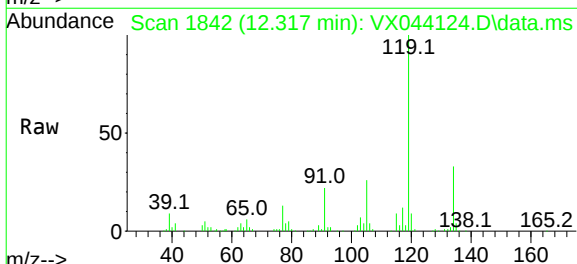
Tgt Ion: 91 Resp: 12335

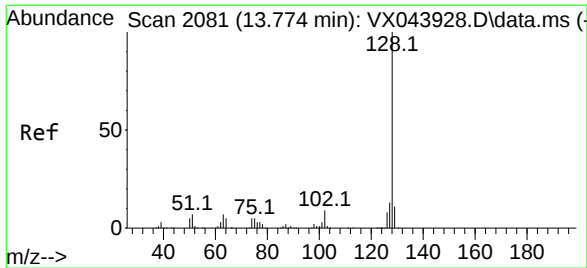
Ion Ratio Lower Upper

91 100

92 24.9 26.6 79.8#

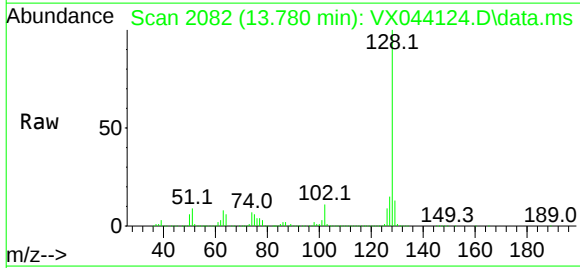
134 131.3 12.4 37.2#





#95
Naphthalene
Concen: 1590.973 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-2RE



Tgt Ion:128 Resp: 9252411
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.2
129 12.4 8.6 12.8

