

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044032.D
 Acq On : 27 Nov 2024 11:59
 Operator : JC/MD
 Sample : P5001-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C1-2

Quant Time: Nov 29 03:32:16 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)

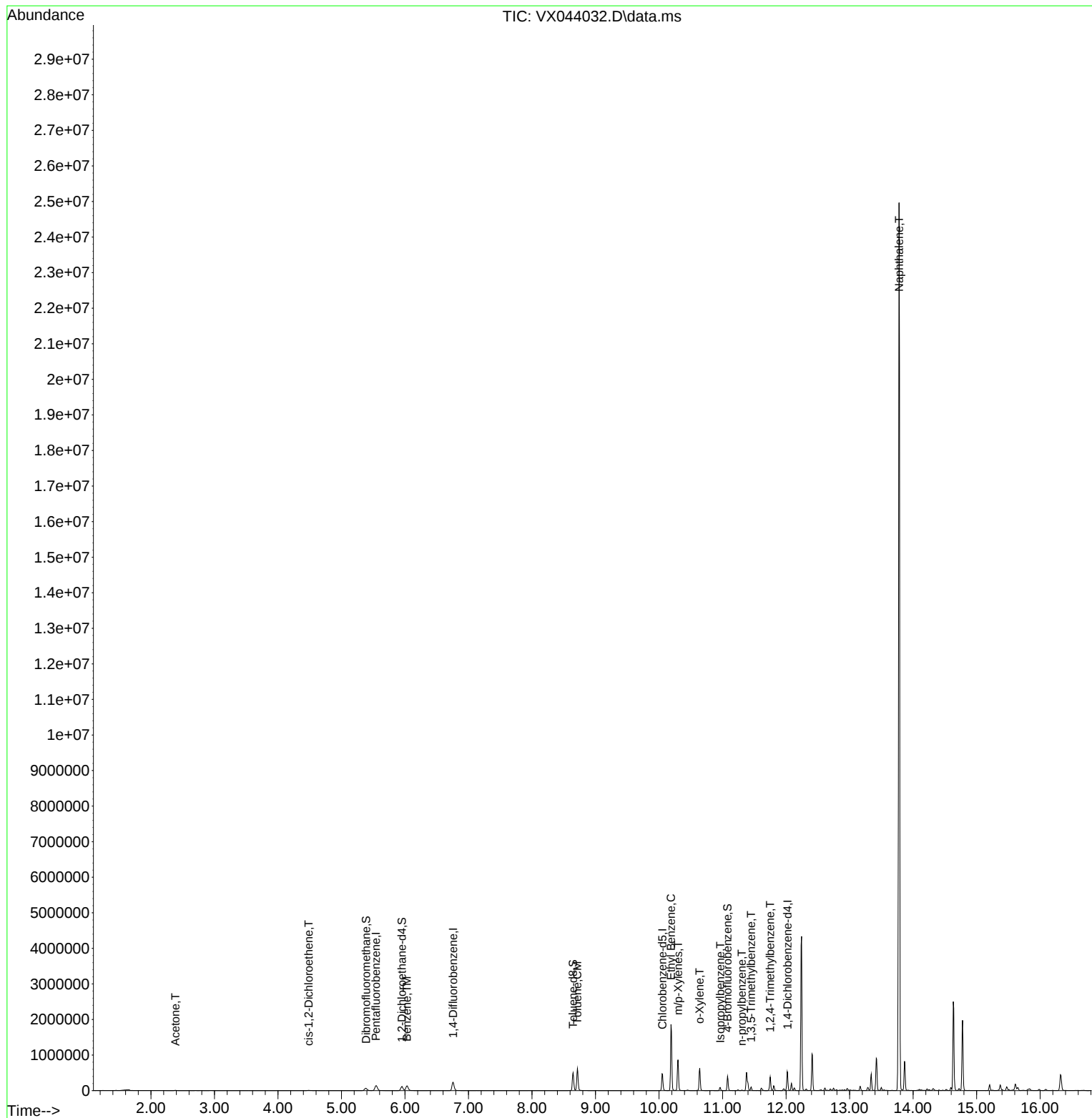
Internal Standards						
1) Pentafluorobenzene	5.543	168	123309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106185	50.207	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	100.420%	
35) Dibromofluoromethane	5.385	113	57505	33.802	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	67.600%#	
50) Toluene-d8	8.646	98	289748	49.409	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.820%	
62) 4-Bromofluorobenzene	11.079	95	100482	50.347	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	100.700%	
Target Compounds						Qvalue
16) Acetone	2.385	43	9563	9.845	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	4707	2.596	ug/l	87
40) Benzene	6.031	78	155986	23.622	ug/l	99
52) Toluene	8.713	92	223683	56.595	ug/l	99
67) Ethyl Benzene	10.189	91	1057886	136.516	ug/l	99
68) m/p-Xylenes	10.299	106	191715	66.341	ug/l	100
69) o-Xylene	10.640	106	130499	46.251	ug/l	100
73) Isopropylbenzene	10.963	105	45933	6.092	ug/l	100
78) n-propylbenzene	11.304	91	10304	1.224	ug/l #	53
80) 1,3,5-Trimethylbenzene	11.451	105	41534	6.696	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	154496	25.018	ug/l	99
95) Naphthalene	13.780	128	12258842	1747.332	ug/l #	91

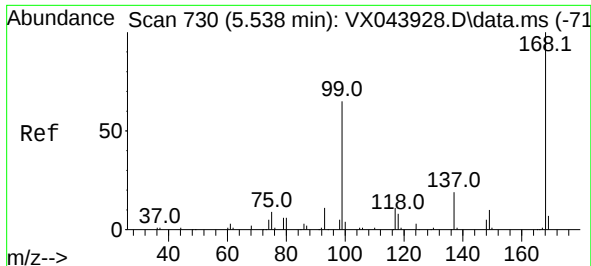
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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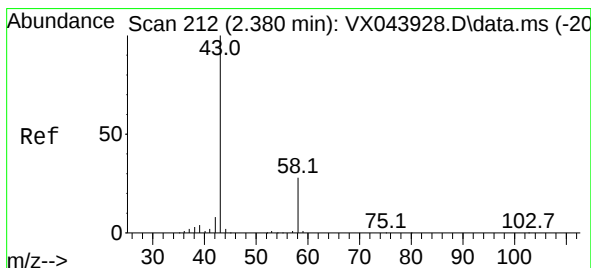
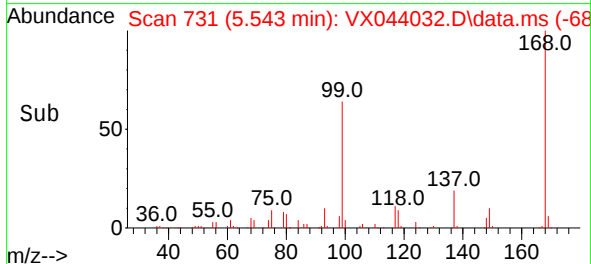
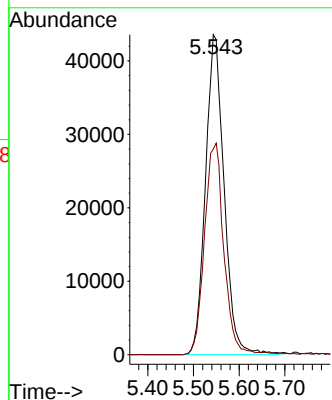
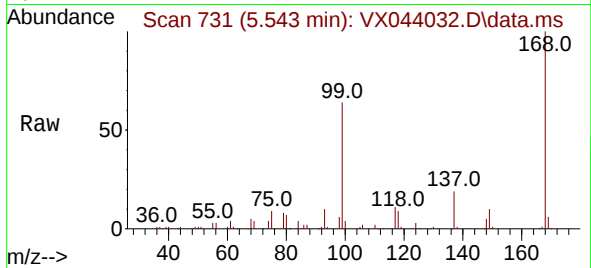




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

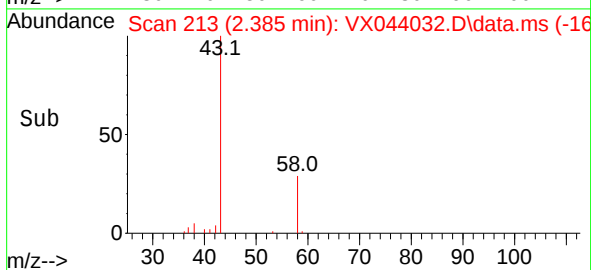
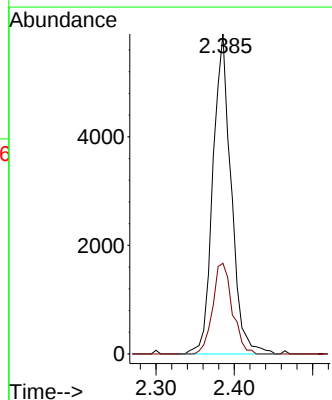
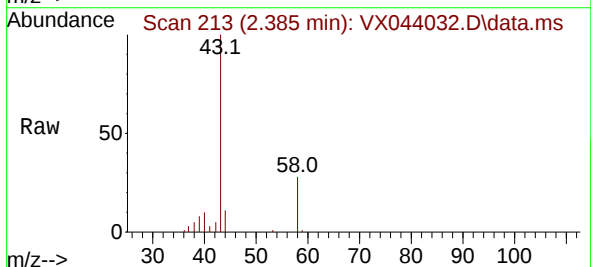
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2

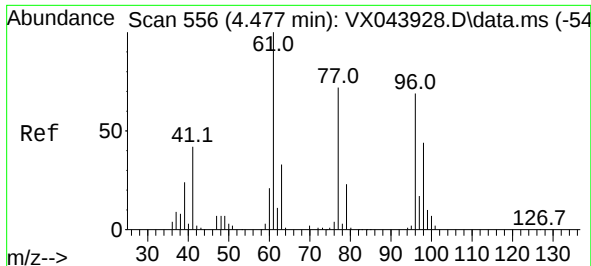
Tgt Ion:168 Resp: 123309
Ion Ratio Lower Upper
168 100
99 64.3 51.8 77.8



#16
Acetone
Concen: 9.845 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

Tgt Ion: 43 Resp: 9563
Ion Ratio Lower Upper
43 100
58 28.3 22.7 34.1

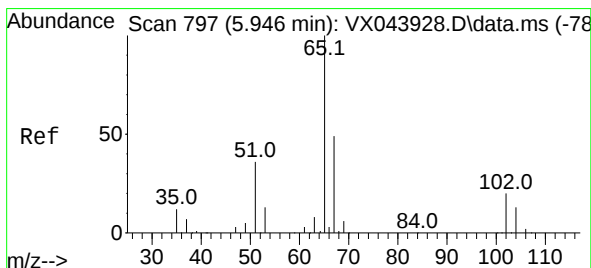
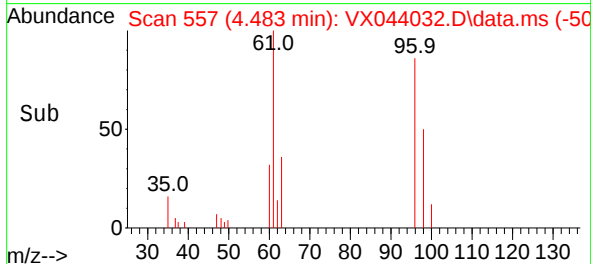
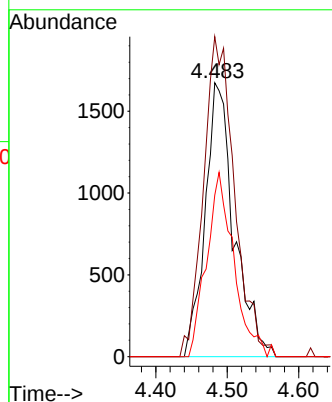
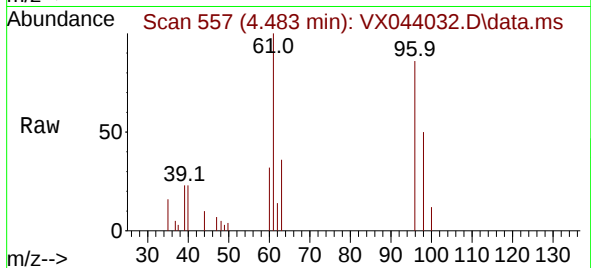




#27
cis-1,2-Dichloroethene
Concen: 2.596 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

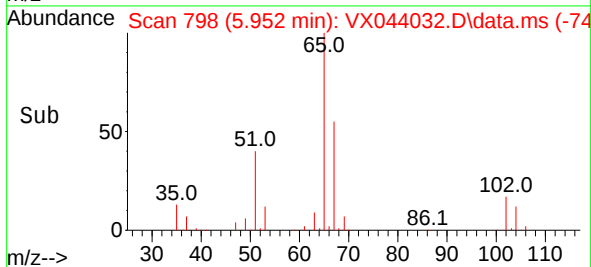
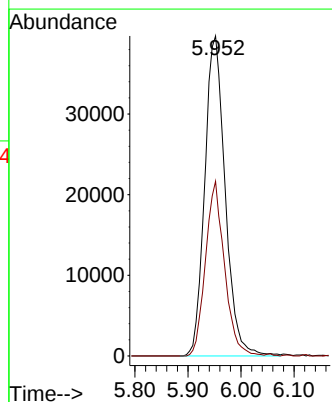
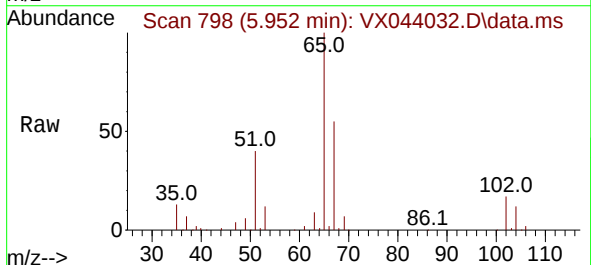
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2

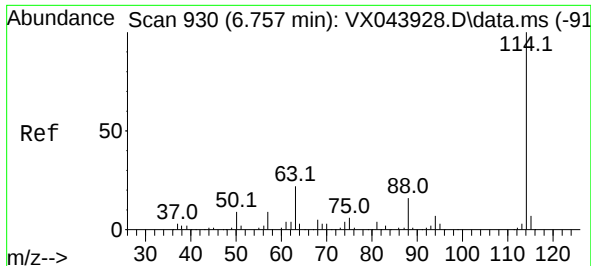
Tgt Ion: 96 Resp: 4707
Ion Ratio Lower Upper
96 100
61 125.2 0.0 297.4
98 63.5 0.0 127.8



#33
1,2-Dichloroethane-d4
Concen: 50.207 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

Tgt Ion: 65 Resp: 106185
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.001 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2

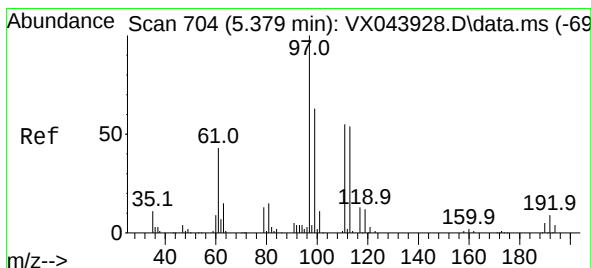
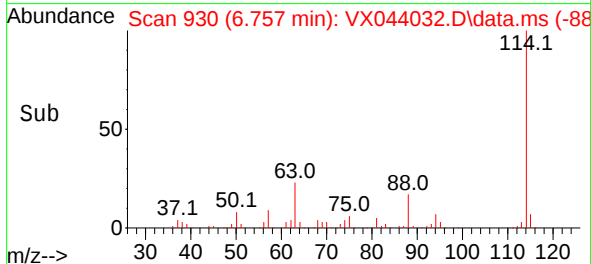
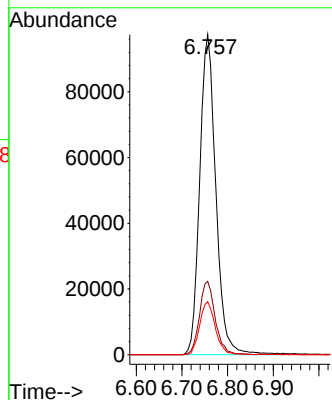
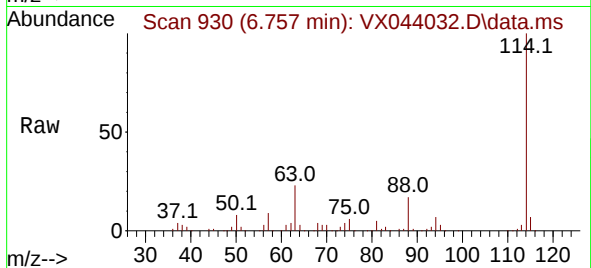
Tgt Ion:114 Resp: 238082

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.0

88 16.6 0.0 32.4



#35

Dibromofluoromethane

Concen: 33.802 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

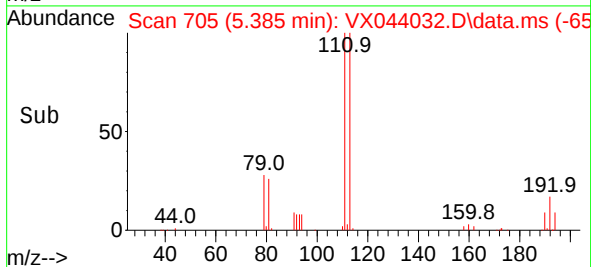
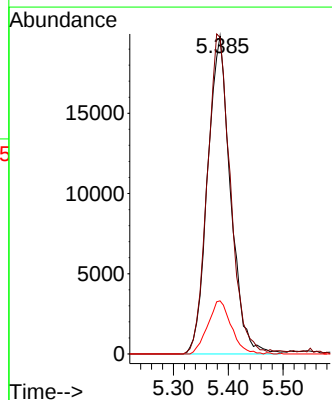
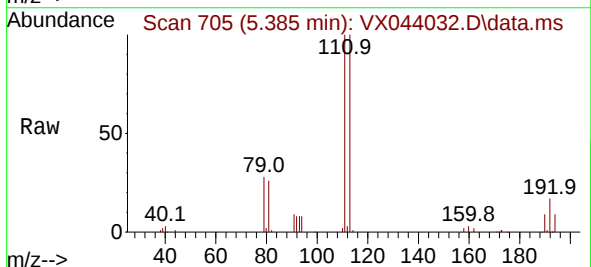
Tgt Ion:113 Resp: 57505

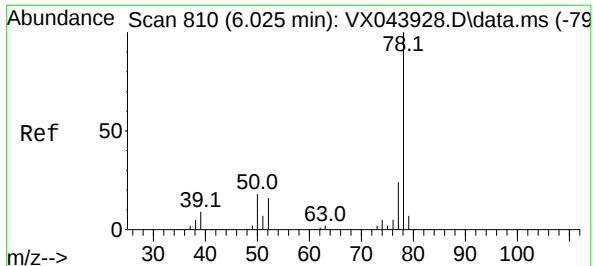
Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.4

192 17.1 13.0 19.6





#40

Benzene

Concen: 23.622 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

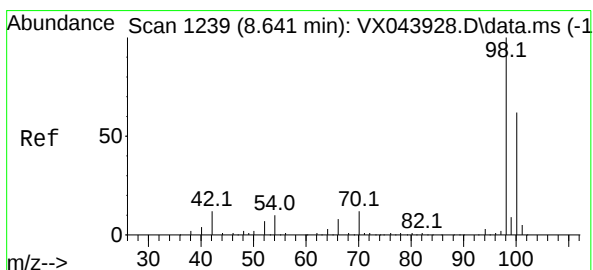
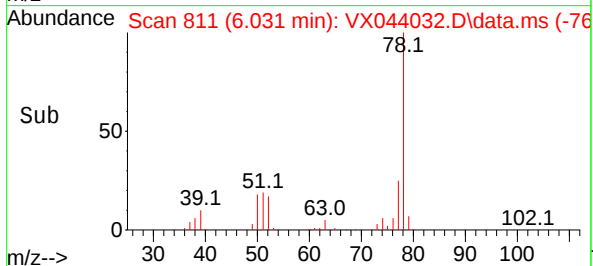
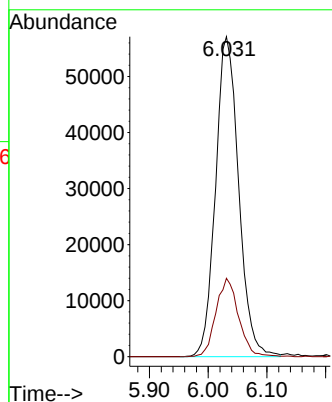
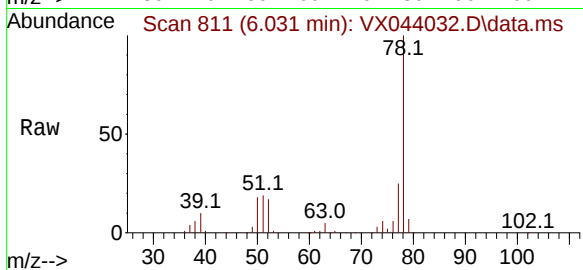
SPLP-C1-2

Tgt Ion: 78 Resp: 155986

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8



#50

Toluene-d8

Concen: 49.409 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044032.D

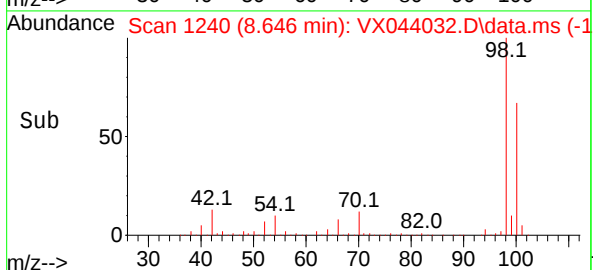
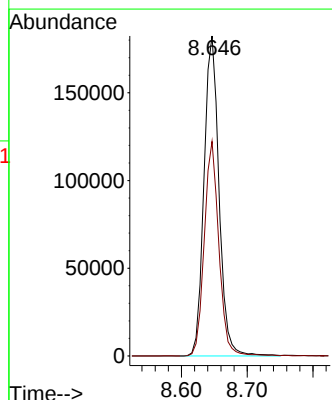
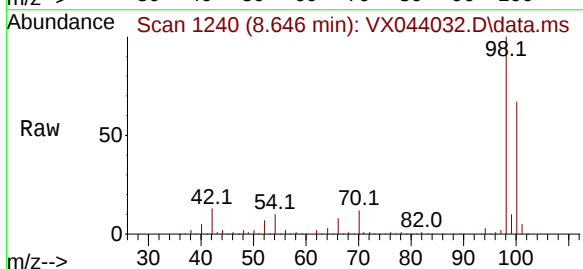
Acq: 27 Nov 2024 11:59

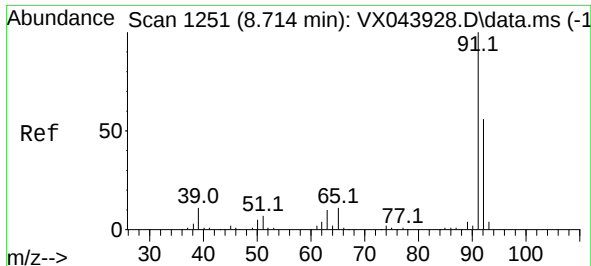
Tgt Ion: 98 Resp: 289748

Ion Ratio Lower Upper

98 100

100 65.1 52.6 79.0





#52

Toluene

Concen: 56.595 ug/l

RT: 8.713 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

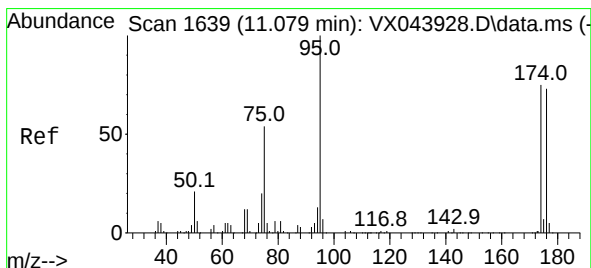
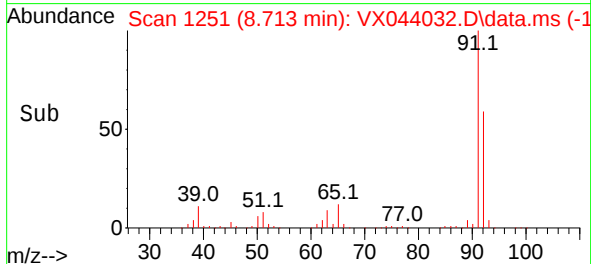
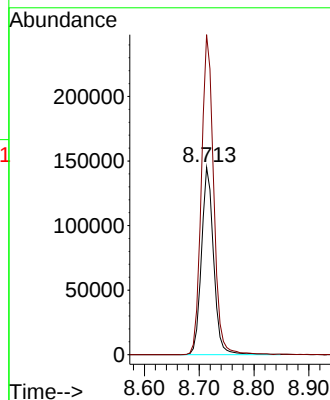
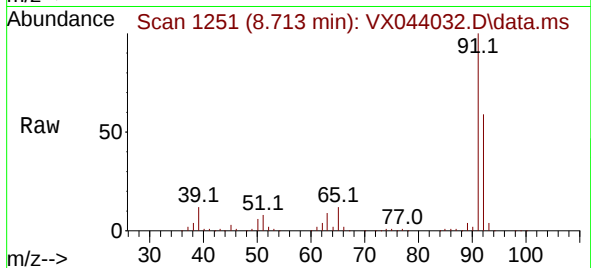
SPLP-C1-2

Tgt Ion: 92 Resp: 223683

Ion Ratio Lower Upper

92 100

91 172.8 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.347 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

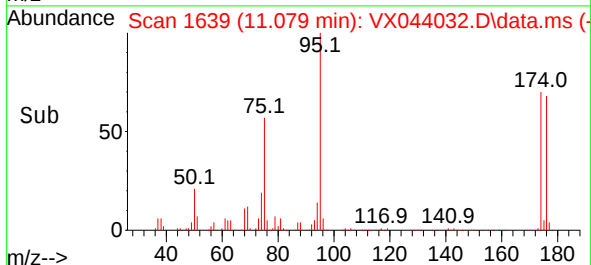
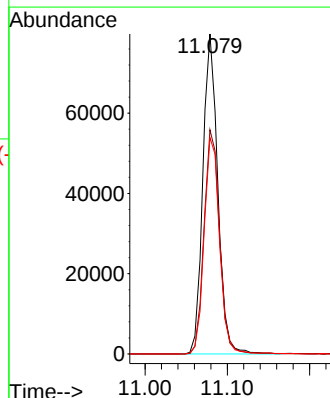
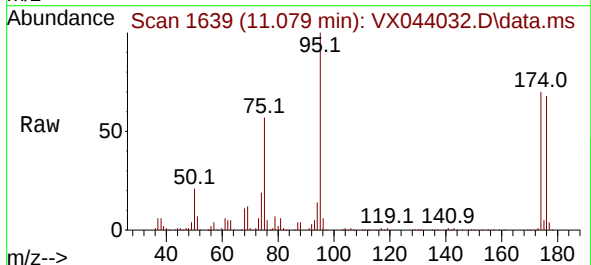
Tgt Ion: 95 Resp: 100482

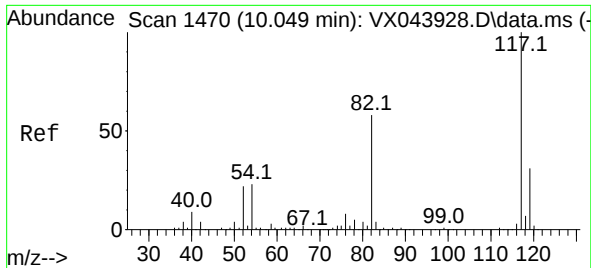
Ion Ratio Lower Upper

95 100

174 73.1 0.0 150.4

176 69.6 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: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2

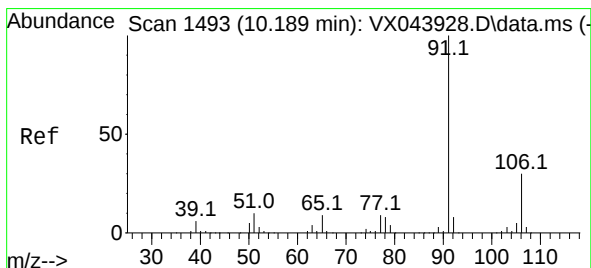
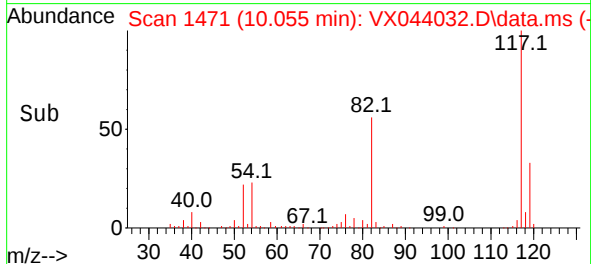
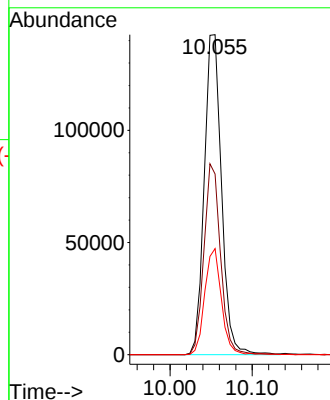
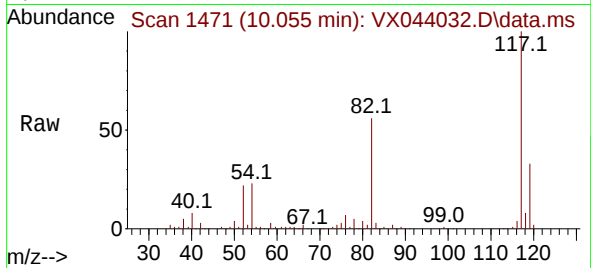
Tgt Ion:117 Resp: 208221

Ion Ratio Lower Upper

117 100

82 56.5 46.4 69.6

119 33.1 24.6 37.0



#67

Ethyl Benzene

Concen: 136.516 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.001 min

Lab File: VX044032.D

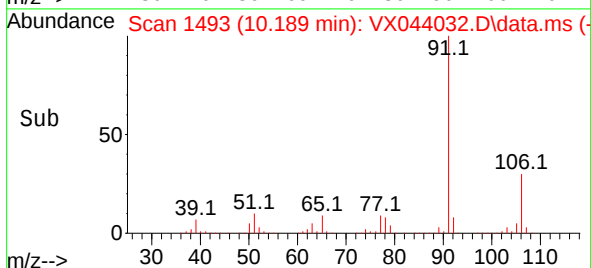
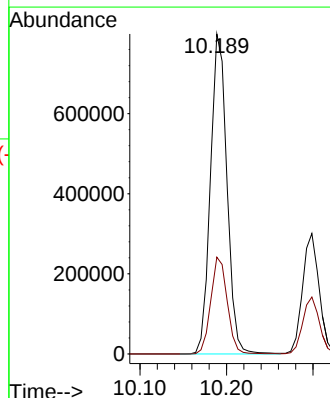
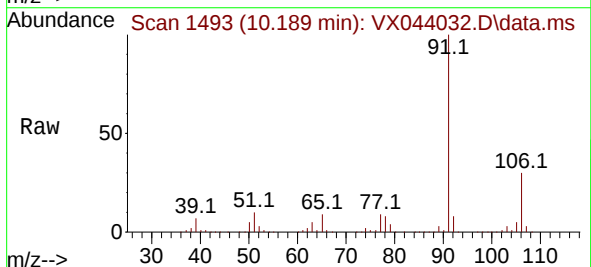
Acq: 27 Nov 2024 11:59

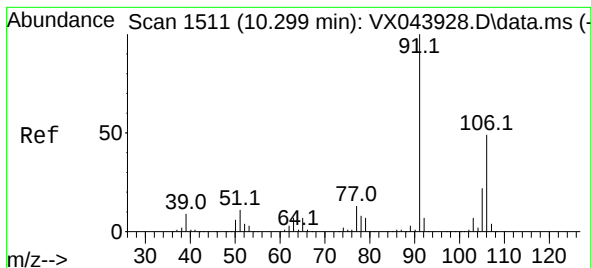
Tgt Ion: 91 Resp: 1057886

Ion Ratio Lower Upper

91 100

106 30.2 23.6 35.4

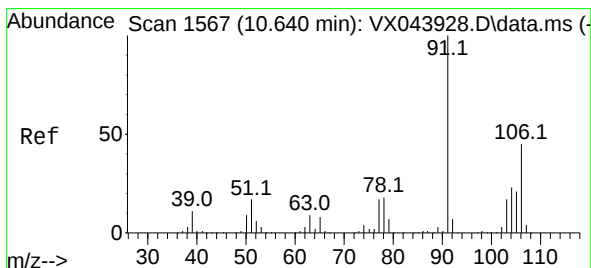
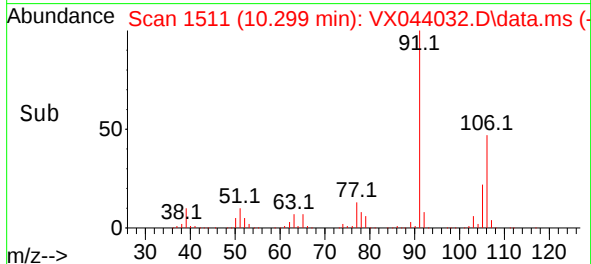
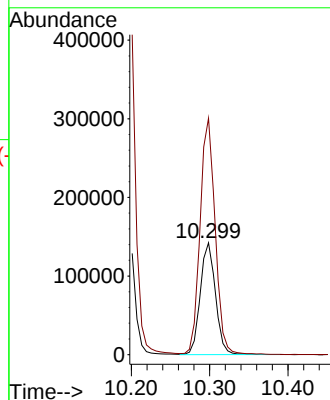
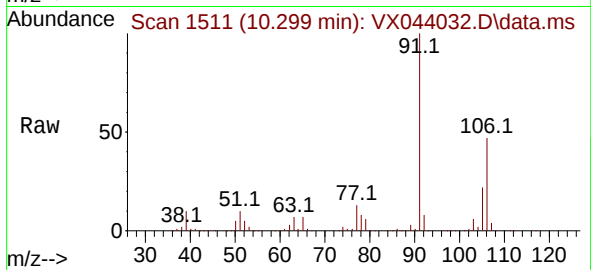




#68
m/p-Xylenes
Concen: 66.341 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.001 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

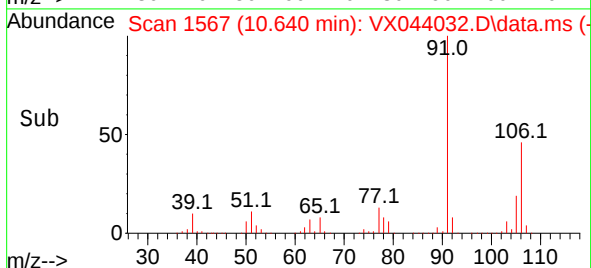
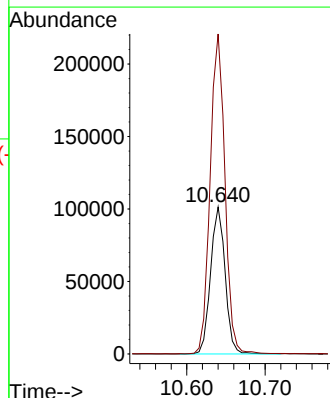
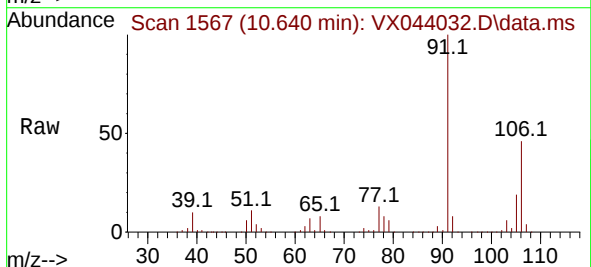
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2

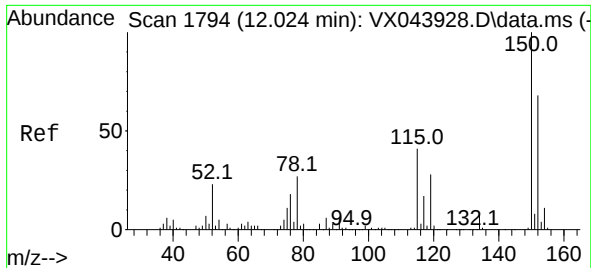
Tgt Ion:106 Resp: 191715
Ion Ratio Lower Upper
106 100
91 210.5 168.1 252.1



#69
o-Xylene
Concen: 46.251 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.001 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

Tgt Ion:106 Resp: 130499
Ion Ratio Lower Upper
106 100
91 220.9 110.2 330.6

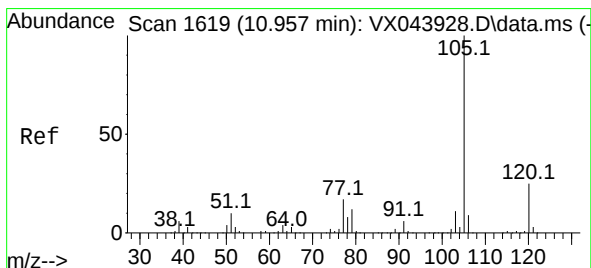
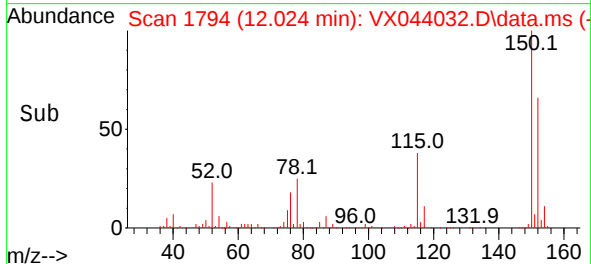
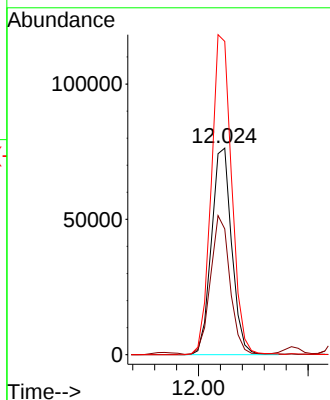
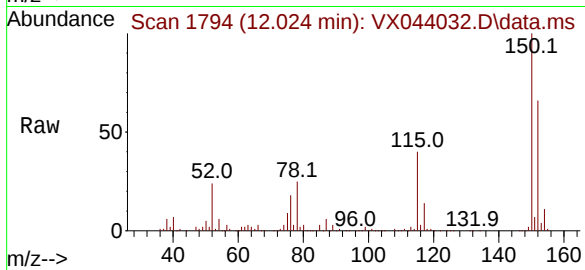




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

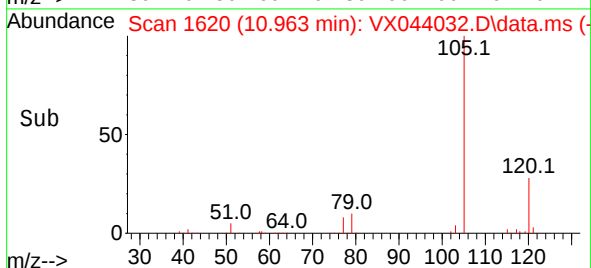
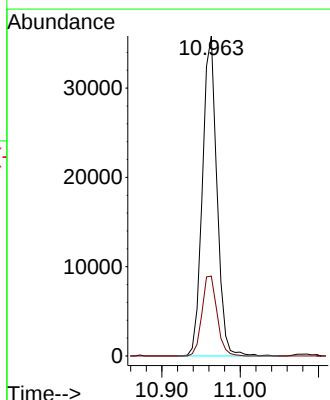
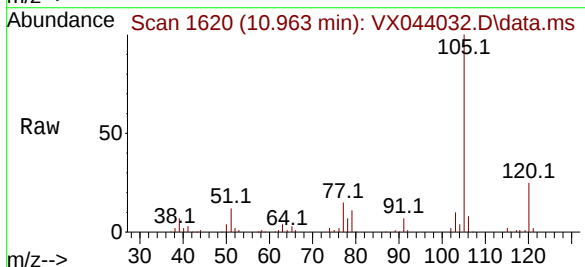
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2

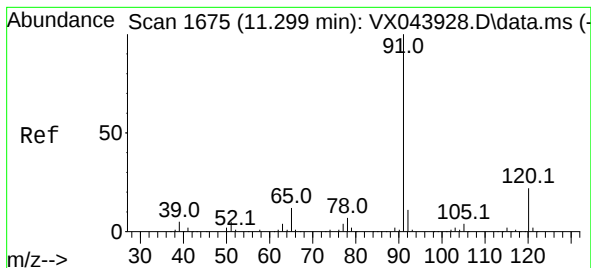
Tgt Ion:152 Resp: 98083
Ion Ratio Lower Upper
152 100
115 64.1 45.4 136.2
150 155.9 0.0 353.0



#73
Isopropylbenzene
Concen: 6.092 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX044032.D
Acq: 27 Nov 2024 11:59

Tgt Ion:105 Resp: 45933
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9





#78

n-propylbenzene

Concen: 1.224 ug/l

RT: 11.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

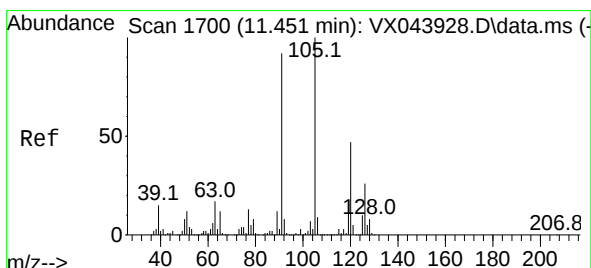
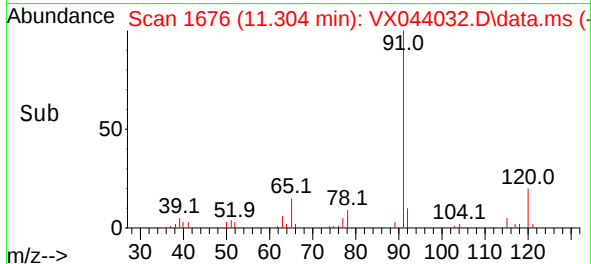
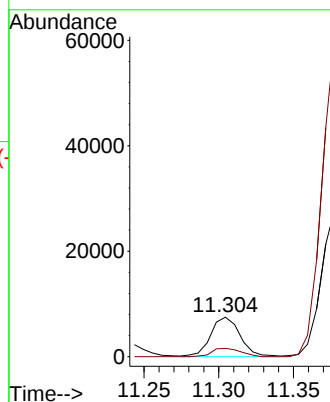
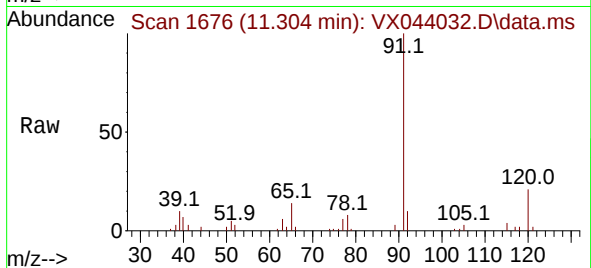
SPLP-C1-2

Tgt Ion: 91 Resp: 10304

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#80

1,3,5-Trimethylbenzene

Concen: 6.696 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044032.D

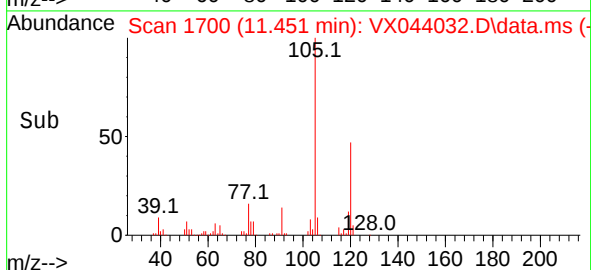
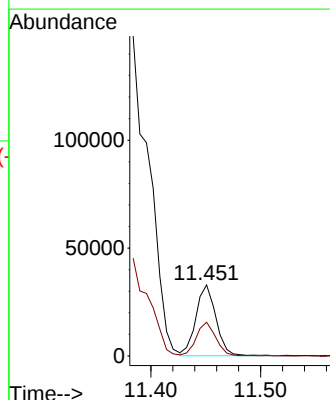
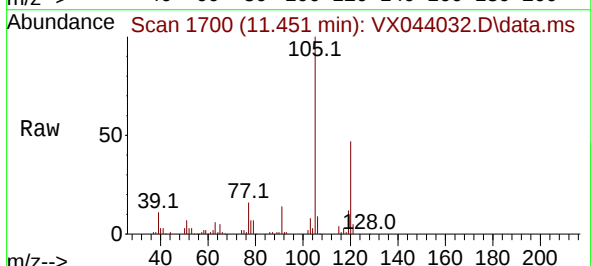
Acq: 27 Nov 2024 11:59

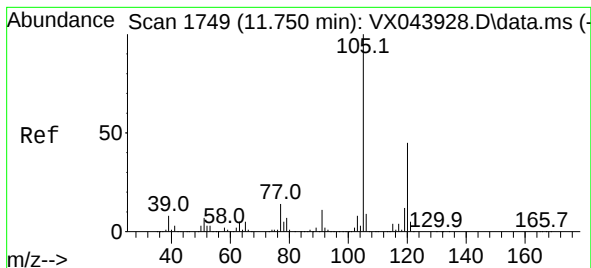
Tgt Ion:105 Resp: 41534

Ion Ratio Lower Upper

105 100

120 46.3 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 25.018 ug/l

RT: 11.750 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Instrument :

MSVOA_X

ClientSampleId :

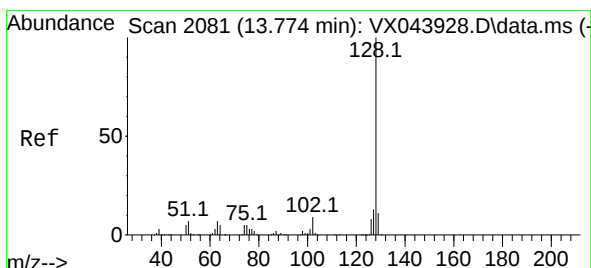
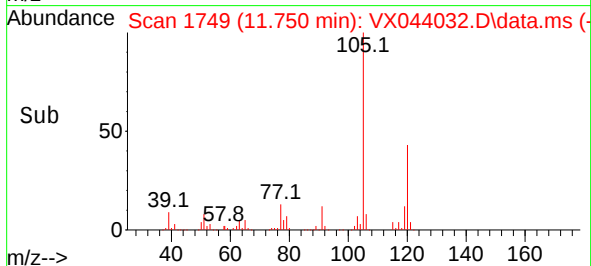
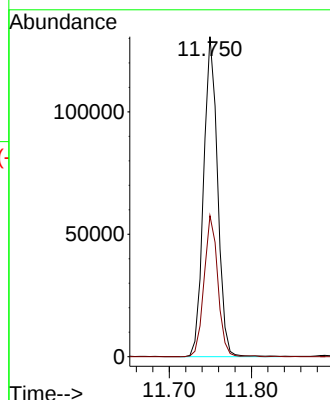
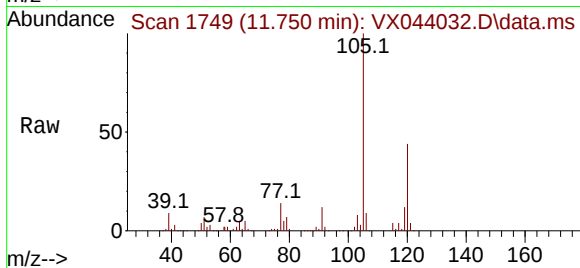
SPLP-C1-2

Tgt Ion:105 Resp: 154496

Ion Ratio Lower Upper

105 100

120 43.3 21.9 65.7



#95

Naphthalene

Concen: 1747.332 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044032.D

Acq: 27 Nov 2024 11:59

Tgt Ion:128 Resp:12258842

Ion Ratio Lower Upper

128 100

127 16.1 10.2 15.2#

129 14.3 8.6 12.8#

