

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044034.D
 Acq On : 27 Nov 2024 12:45
 Operator : JC/MD
 Sample : P5001-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-1

Quant Time: Nov 28 00:44:56 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)

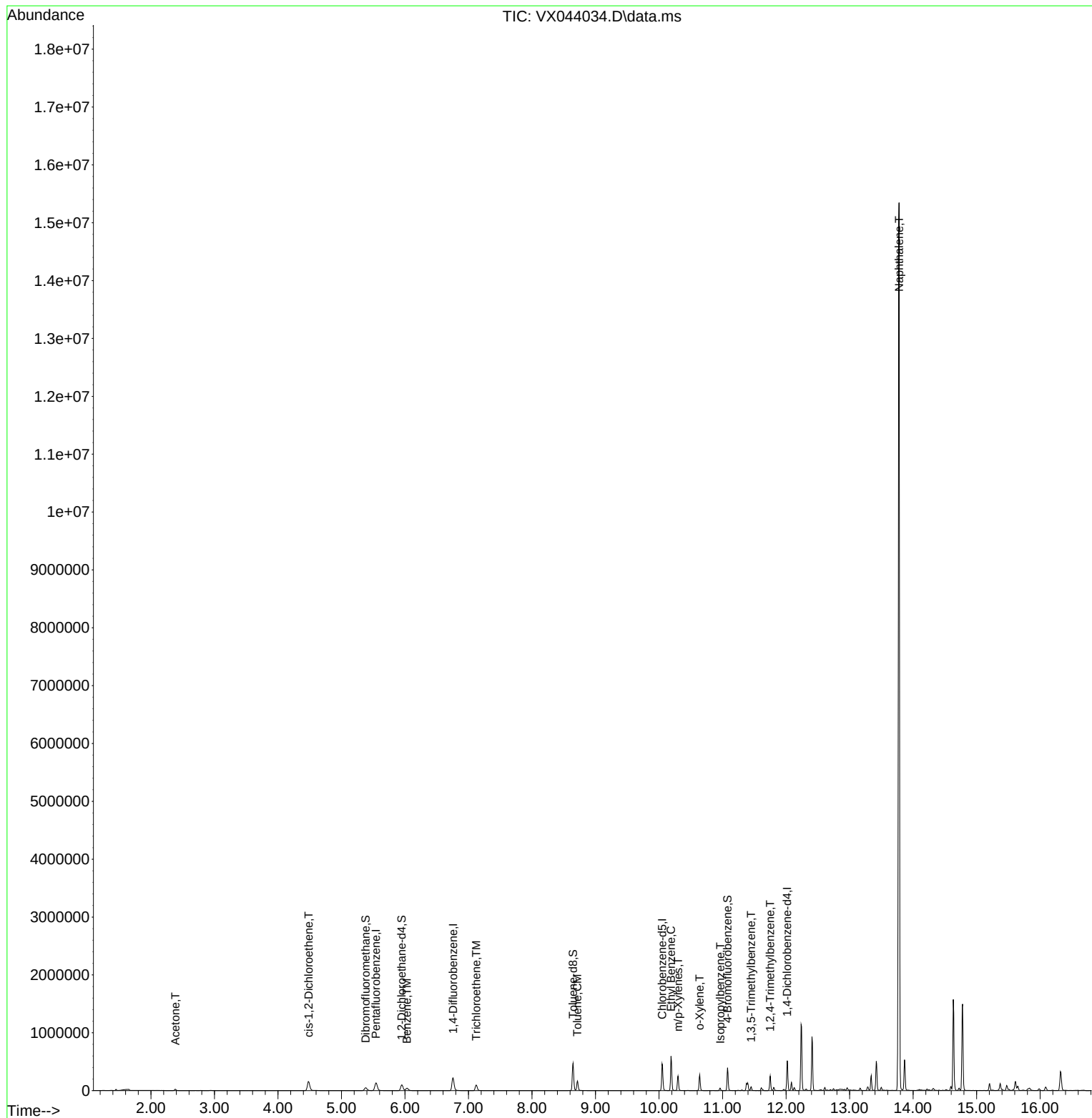
Internal Standards						
1) Pentafluorobenzene	5.544	168	117383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98073	48.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.420%
35) Dibromofluoromethane	5.379	113	42157	26.479	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	52.960%#
50) Toluene-d8	8.647	98	277293	50.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.060%
62) 4-Bromofluorobenzene	11.079	95	99664	53.361	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.720%
Target Compounds						Qvalue
16) Acetone	2.386	43	26464	28.619	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	93869	54.380	ug/l	90
40) Benzene	6.031	78	50259	8.133	ug/l	95
44) Trichloroethene	7.123	130	37003	21.152	ug/l	95
52) Toluene	8.714	92	62364	16.861	ug/l	96
67) Ethyl Benzene	10.189	91	332803	44.744	ug/l	97
68) m/p-Xylenes	10.299	106	55877	20.145	ug/l	97
69) o-Xylene	10.640	106	56151	20.734	ug/l	100
73) Isopropylbenzene	10.963	105	22371	3.037	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	28240	4.660	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	102072	16.919	ug/l	97
95) Naphthalene	13.780	128	8630139	1259.201	ug/l	96

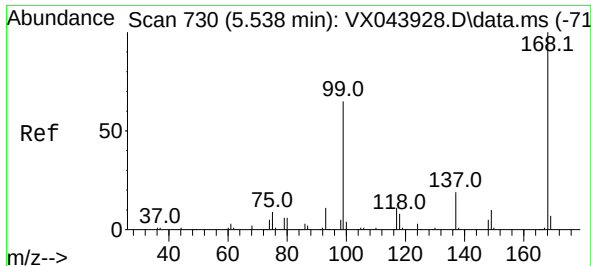
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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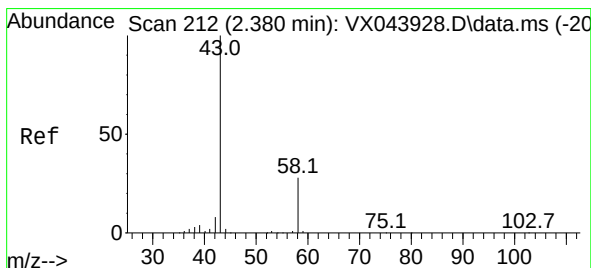
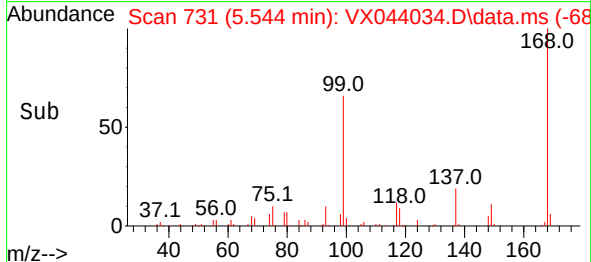
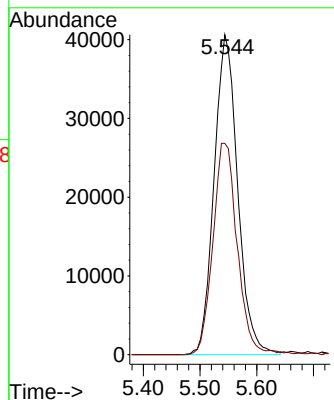
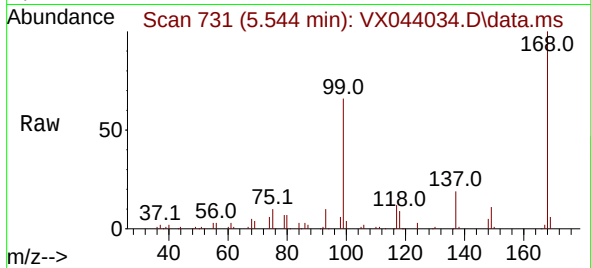




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

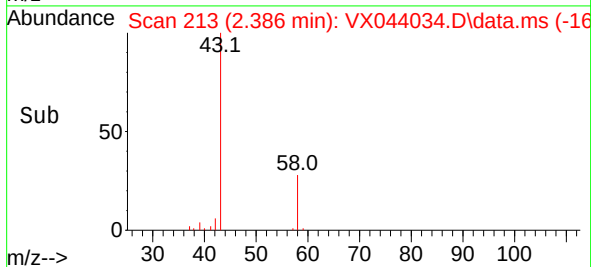
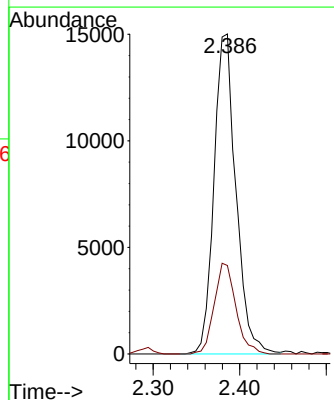
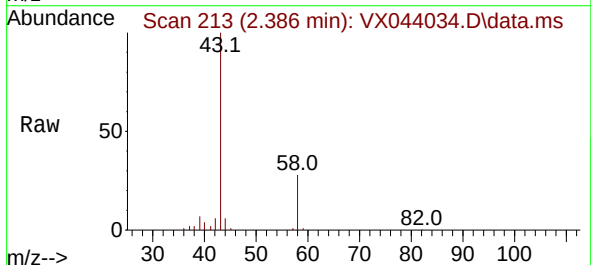
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-1

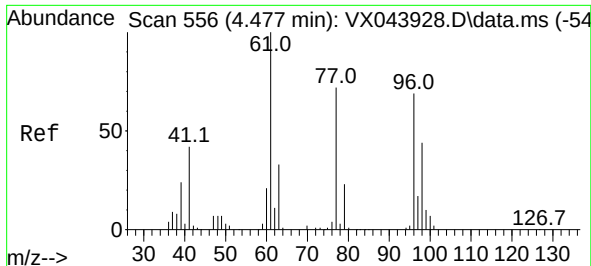
Tgt Ion:168 Resp: 117383
Ion Ratio Lower Upper
168 100
99 66.1 51.8 77.8



#16
Acetone
Concen: 28.619 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

Tgt Ion: 43 Resp: 26464
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 54.380 ug/l

RT: 4.483 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-1

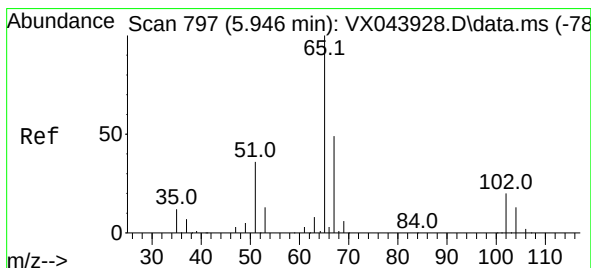
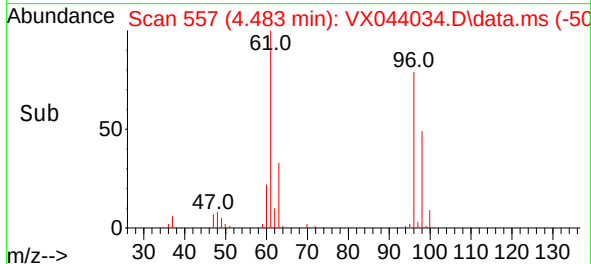
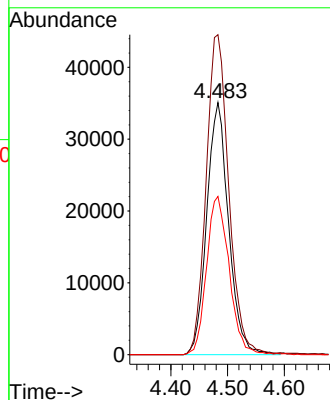
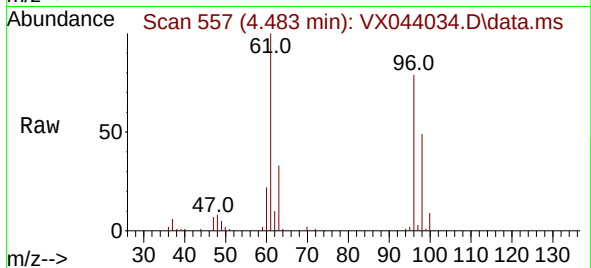
Tgt Ion: 96 Resp: 93869

Ion Ratio Lower Upper

96 100

61 131.8 0.0 297.4

98 65.1 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 48.712 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044034.D

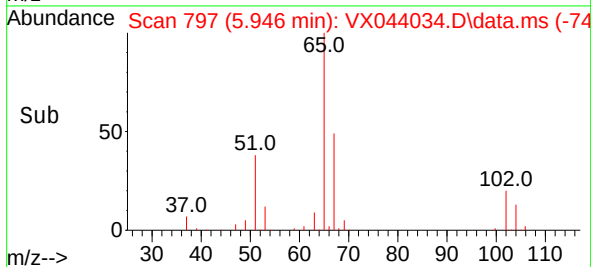
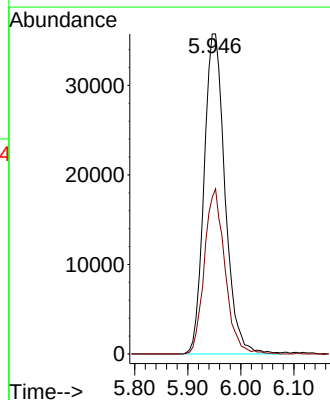
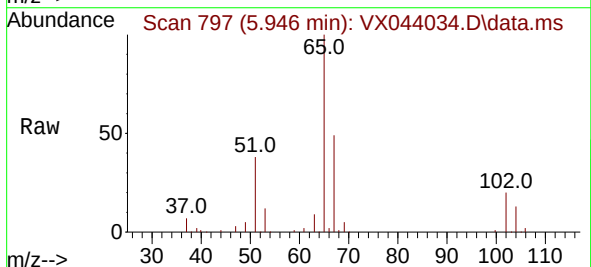
Acq: 27 Nov 2024 12:45

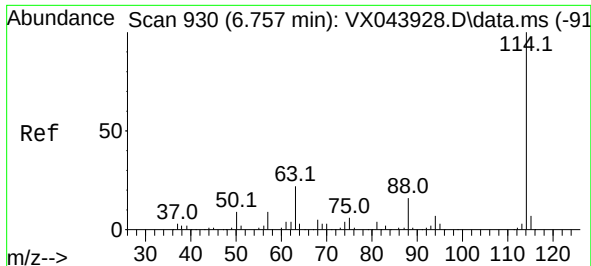
Tgt Ion: 65 Resp: 98073

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-1

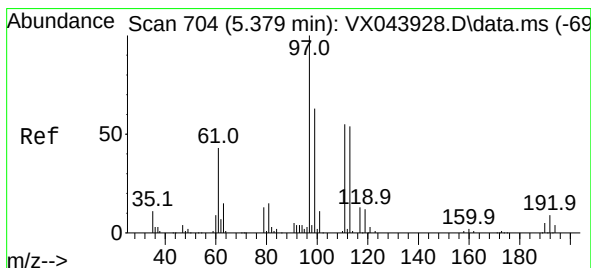
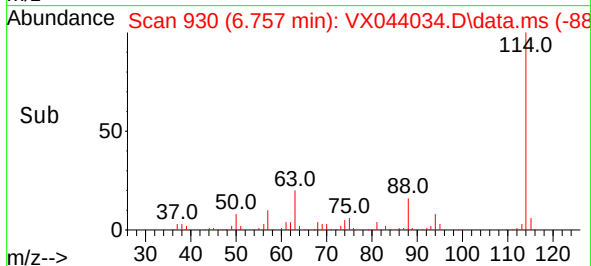
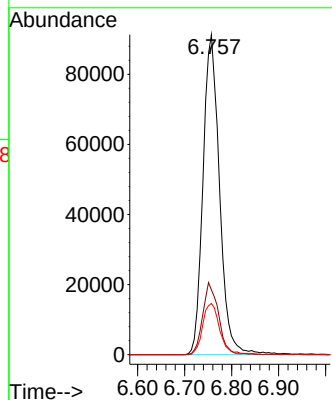
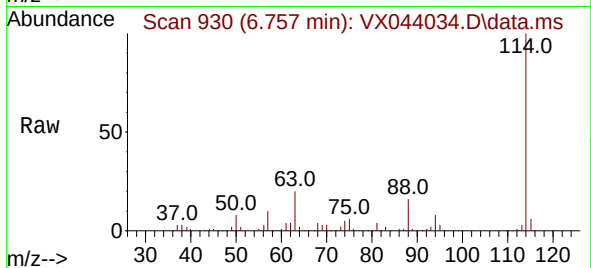
Tgt Ion:114 Resp: 222808

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.0

88 16.0 0.0 32.4



#35

Dibromofluoromethane

Concen: 26.479 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

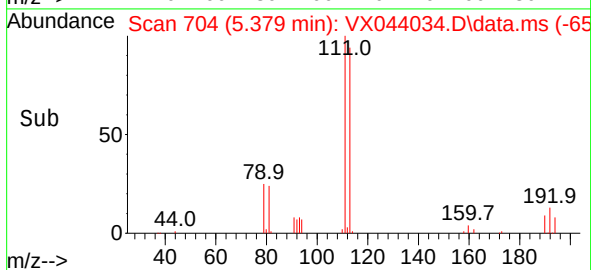
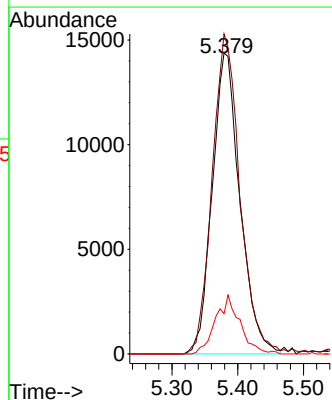
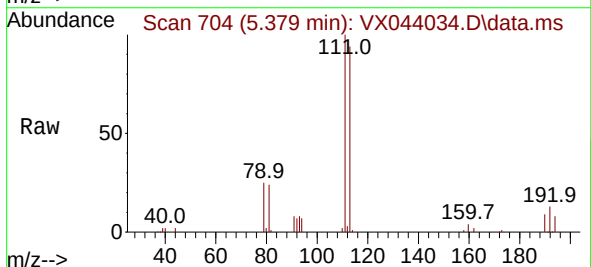
Tgt Ion:113 Resp: 42157

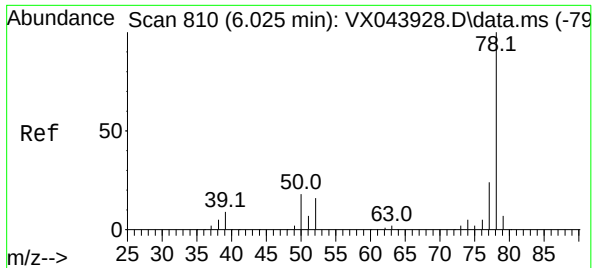
Ion Ratio Lower Upper

113 100

111 106.3 81.0 121.4

192 17.3 13.0 19.6





#40

Benzene

Concen: 8.133 ug/l

RT: 6.031 min Scan# 810

Delta R.T. 0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

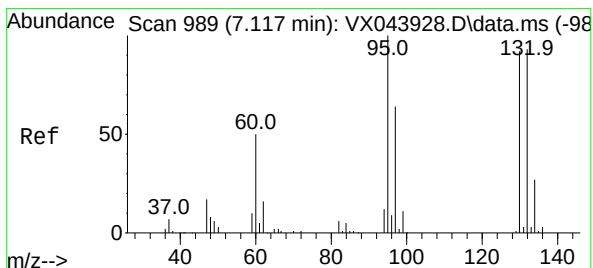
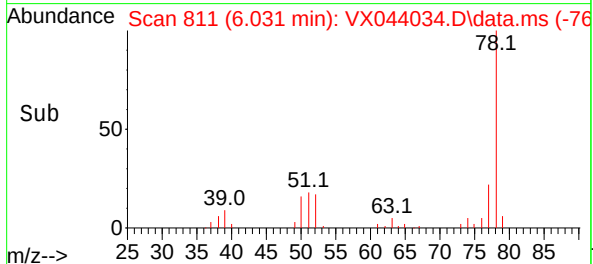
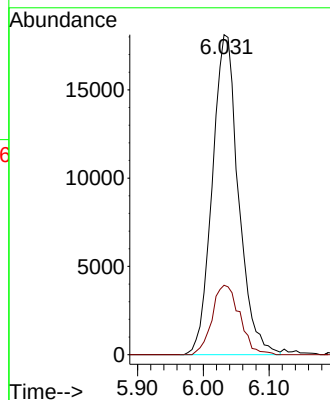
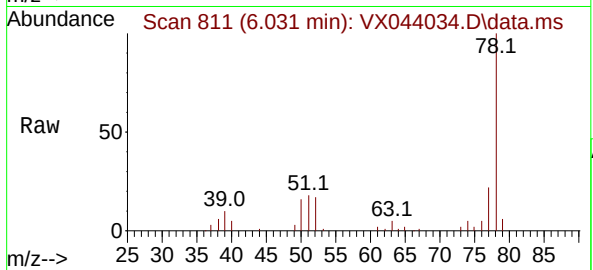
SPLP-C2-1

Tgt Ion: 78 Resp: 50259

Ion Ratio Lower Upper

78 100

77 21.7 19.2 28.8



#44

Trichloroethene

Concen: 21.152 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX044034.D

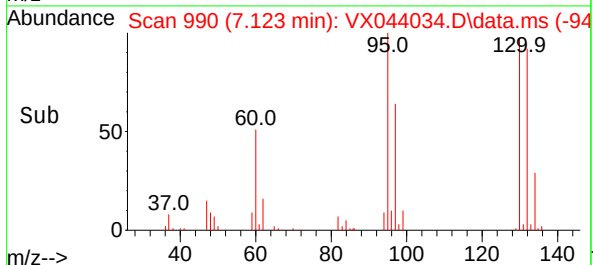
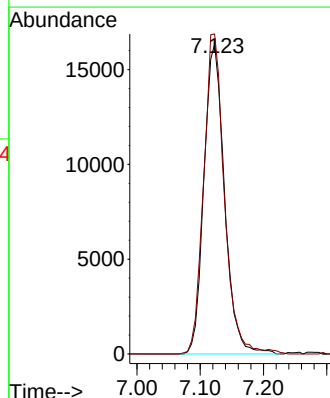
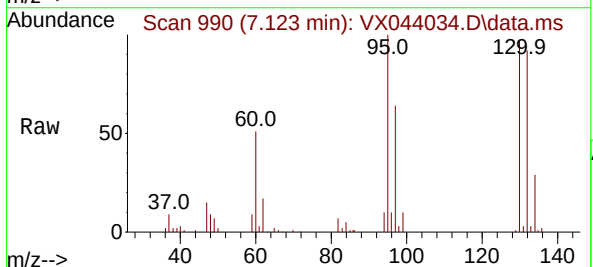
Acq: 27 Nov 2024 12:45

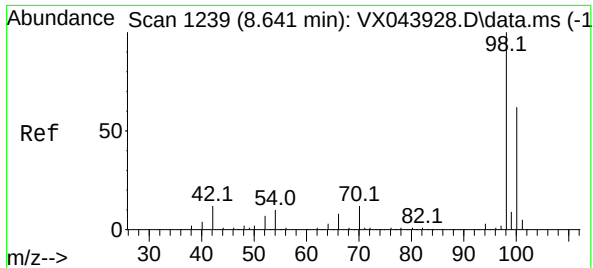
Tgt Ion:130 Resp: 37003

Ion Ratio Lower Upper

130 100

95 103.3 0.0 217.8

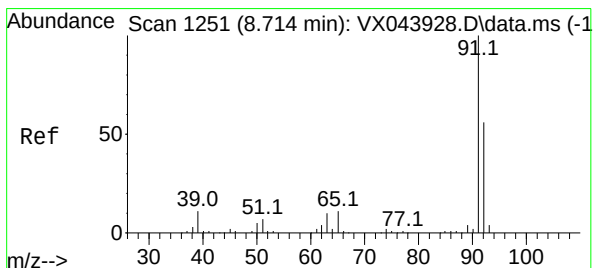
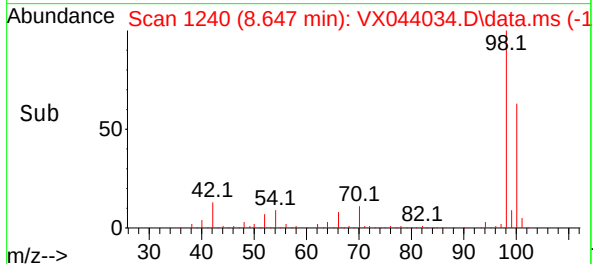
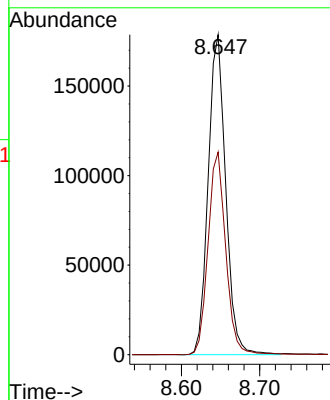
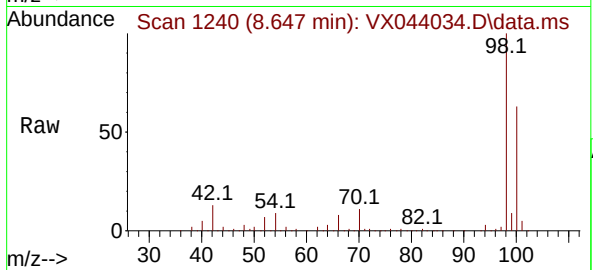




#50
Toluene-d8
Concen: 50.527 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

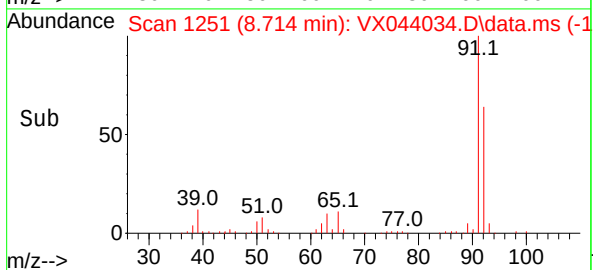
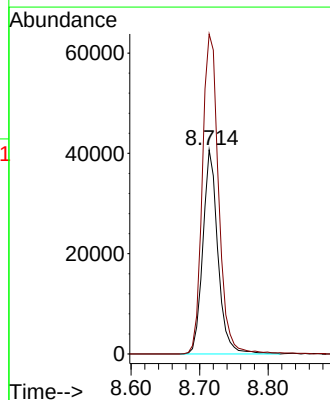
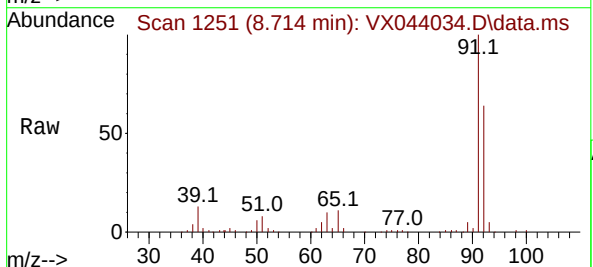
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-1

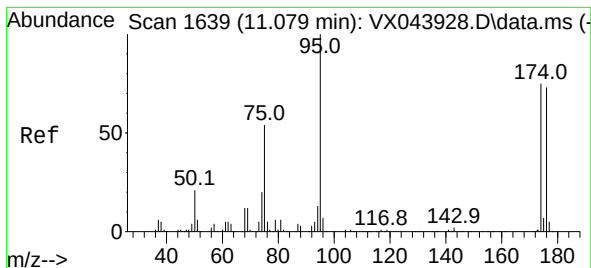
Tgt Ion: 98 Resp: 277293
Ion Ratio Lower Upper
98 100
100 64.0 52.6 79.0



#52
Toluene
Concen: 16.861 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

Tgt Ion: 92 Resp: 62364
Ion Ratio Lower Upper
92 100
91 169.1 139.7 209.5

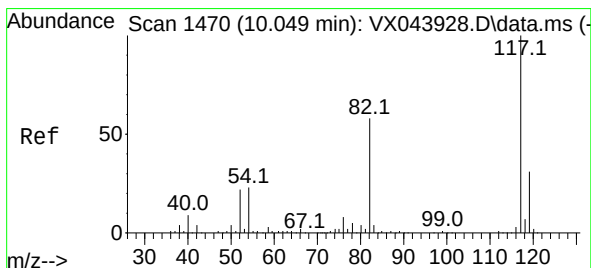
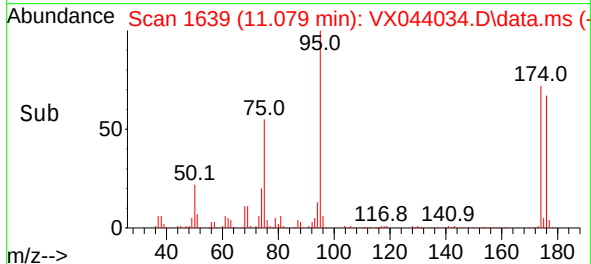
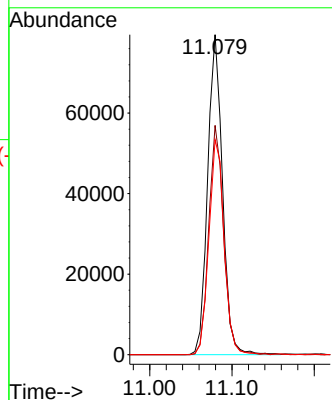
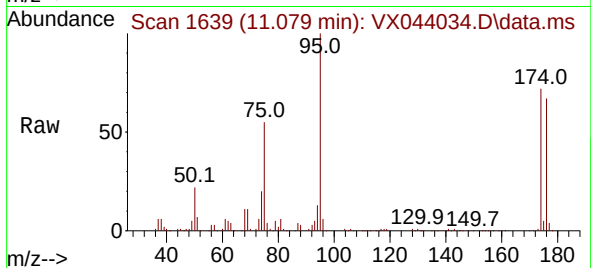




#62
4-Bromofluorobenzene
Concen: 53.361 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

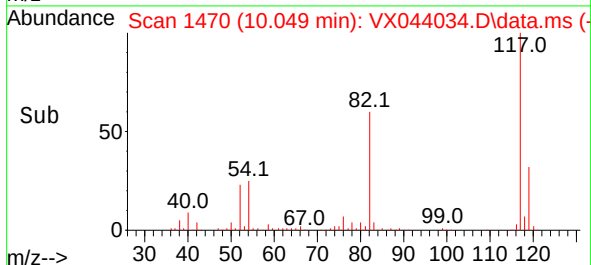
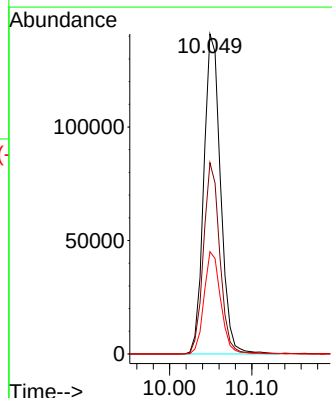
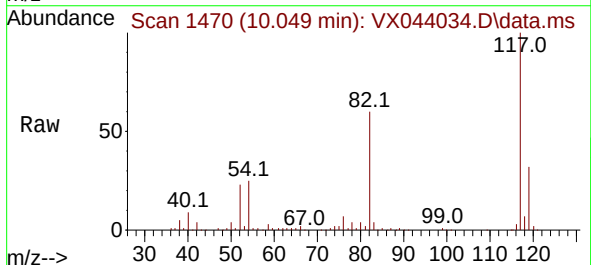
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-1

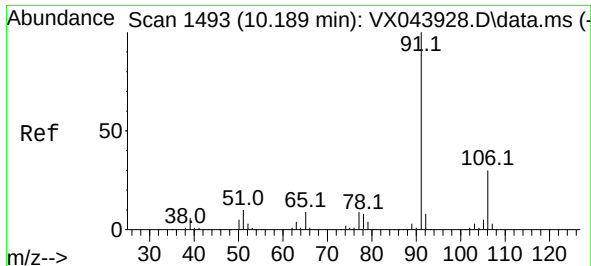
Tgt Ion: 95 Resp: 99664
Ion Ratio Lower Upper
95 100
174 71.6 0.0 150.4
176 69.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

Tgt Ion: 117 Resp: 199857
Ion Ratio Lower Upper
117 100
82 59.7 46.4 69.6
119 32.0 24.6 37.0





#67

Ethyl Benzene

Concen: 44.744 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

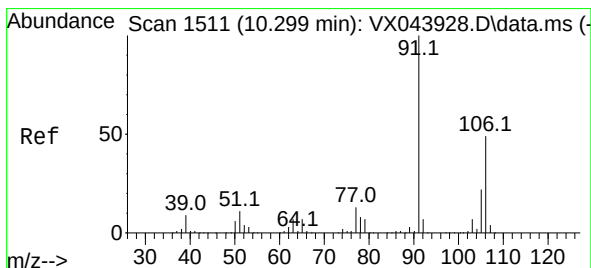
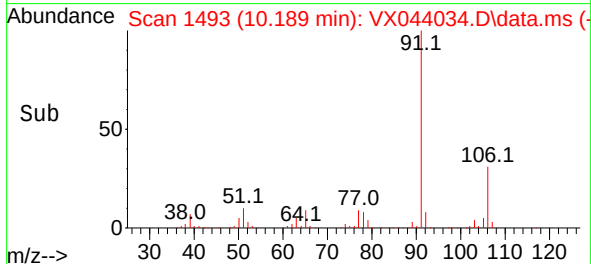
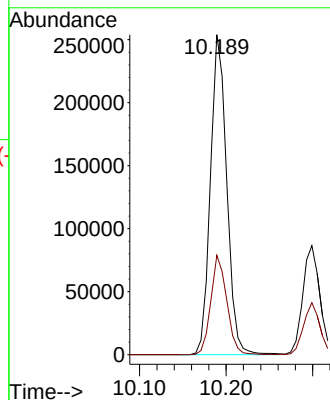
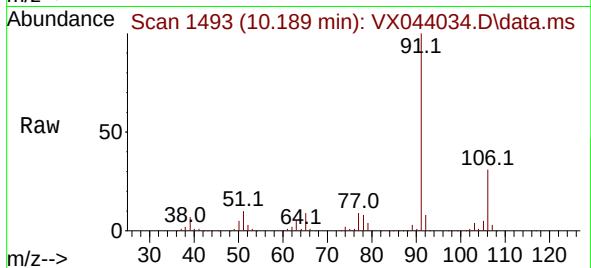
SPLP-C2-1

Tgt Ion: 91 Resp: 332803

Ion Ratio Lower Upper

91 100

106 31.0 23.6 35.4



#68

m/p-Xylenes

Concen: 20.145 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044034.D

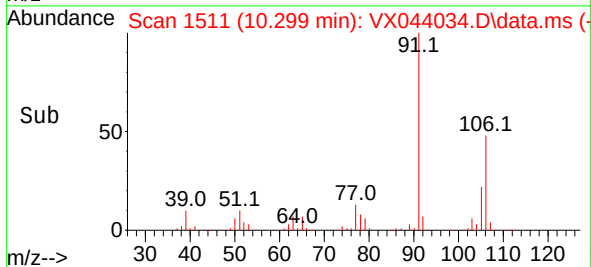
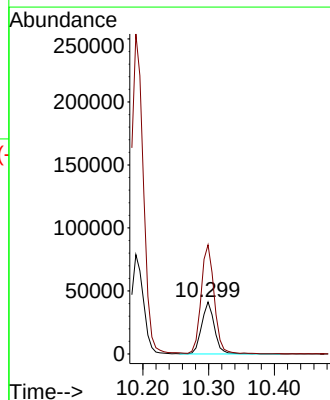
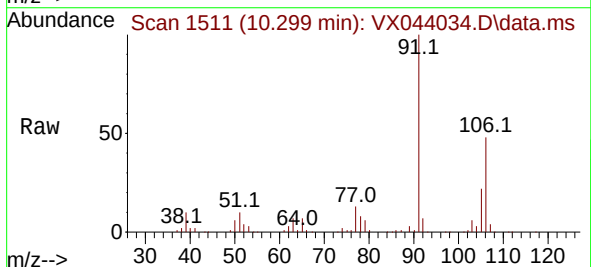
Acq: 27 Nov 2024 12:45

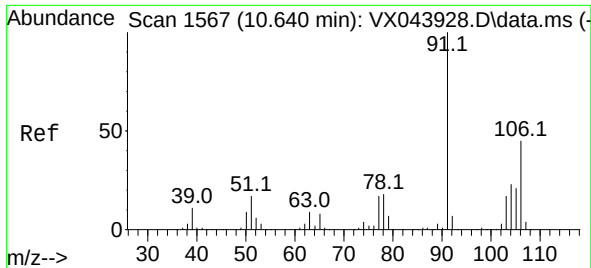
Tgt Ion:106 Resp: 55877

Ion Ratio Lower Upper

106 100

91 214.4 168.1 252.1

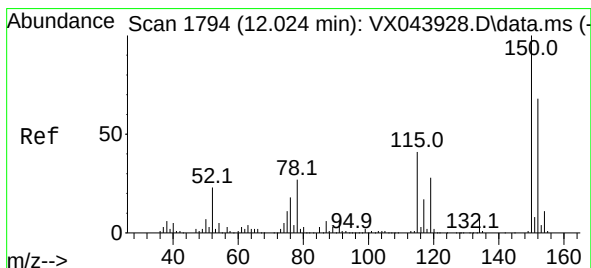
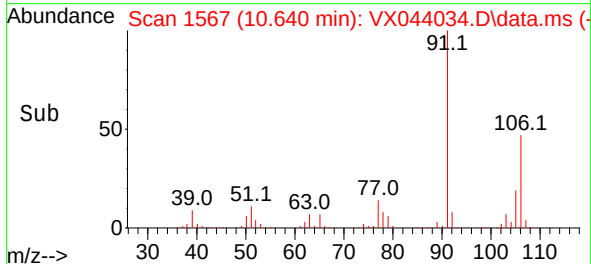
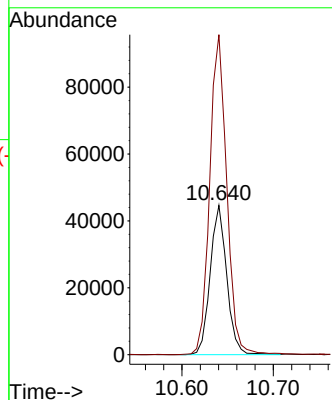
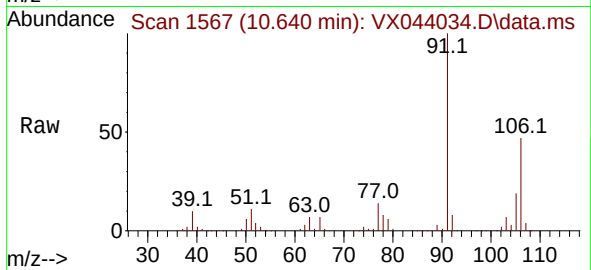




#69
o-Xylene
Concen: 20.734 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

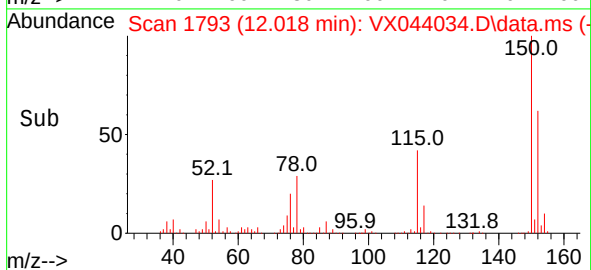
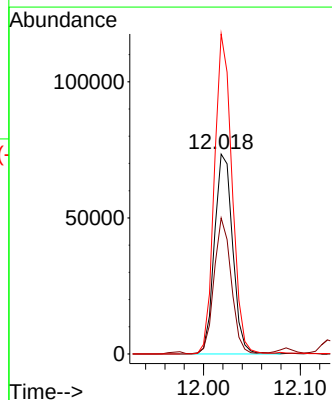
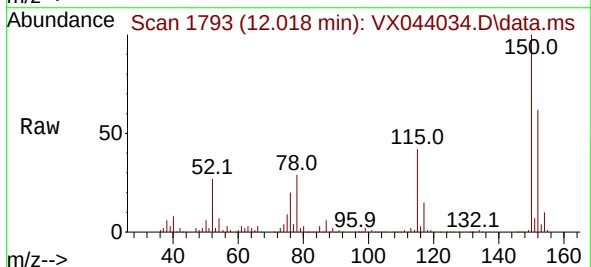
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-1

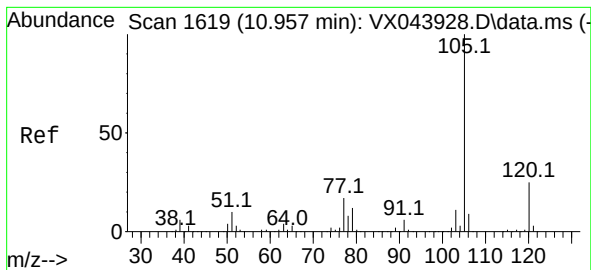
Tgt Ion:106 Resp: 56151
Ion Ratio Lower Upper
106 100
91 220.7 110.2 330.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX044034.D
Acq: 27 Nov 2024 12:45

Tgt Ion:152 Resp: 95817
Ion Ratio Lower Upper
152 100
115 63.6 45.4 136.2
150 154.6 0.0 353.0





#73

Isopropylbenzene

Concen: 3.037 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

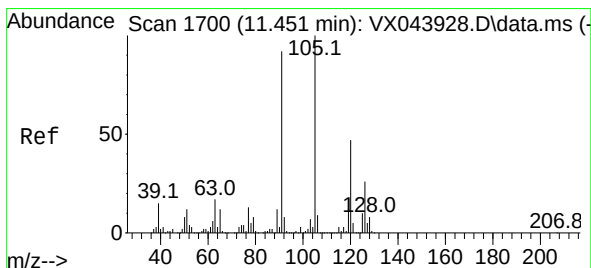
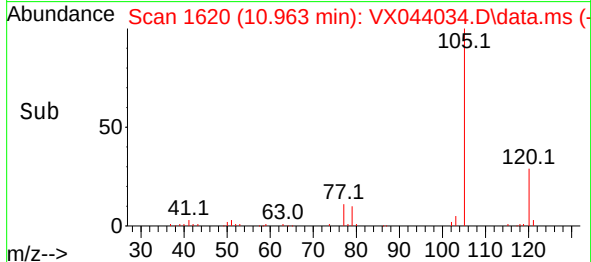
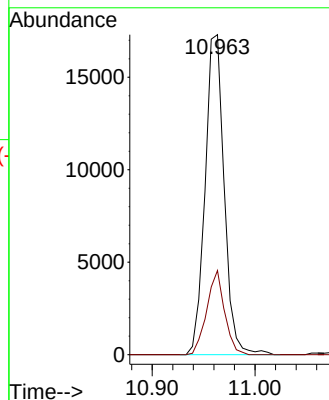
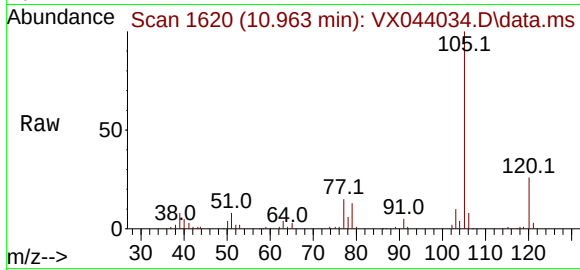
SPLP-C2-1

Tgt Ion:105 Resp: 22371

Ion Ratio Lower Upper

105 100

120 24.5 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 4.660 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044034.D

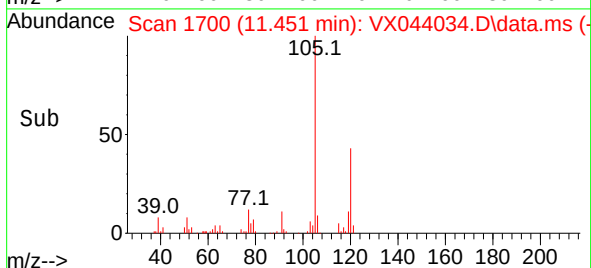
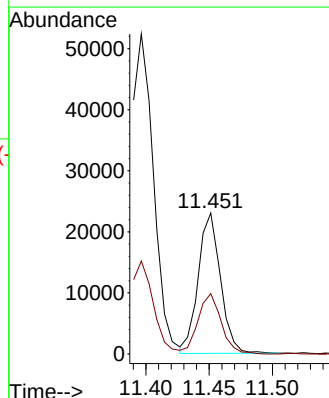
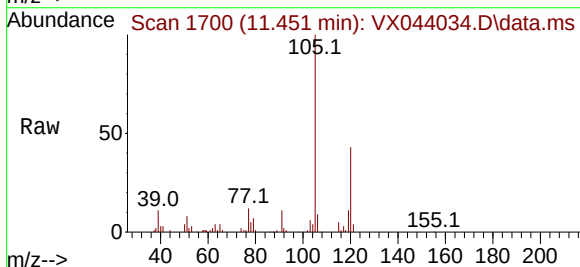
Acq: 27 Nov 2024 12:45

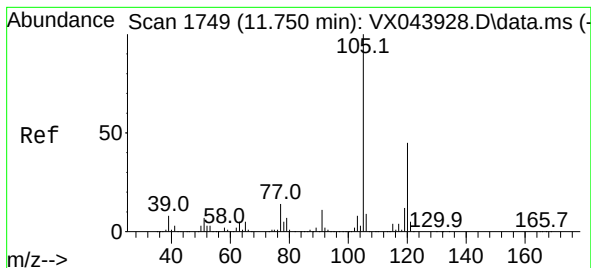
Tgt Ion:105 Resp: 28240

Ion Ratio Lower Upper

105 100

120 44.7 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 16.919 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

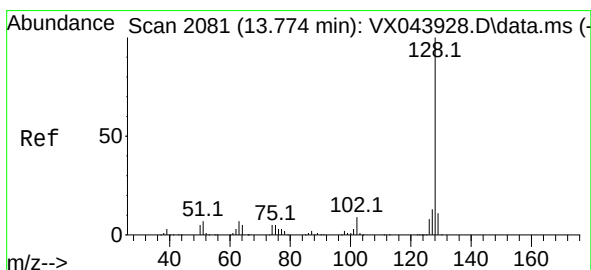
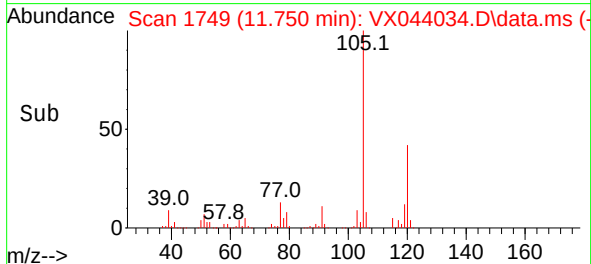
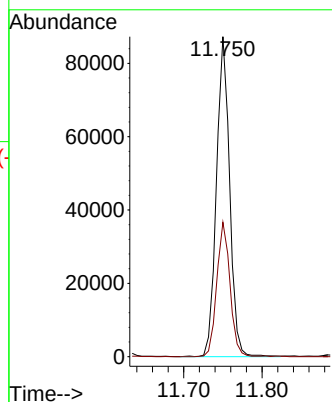
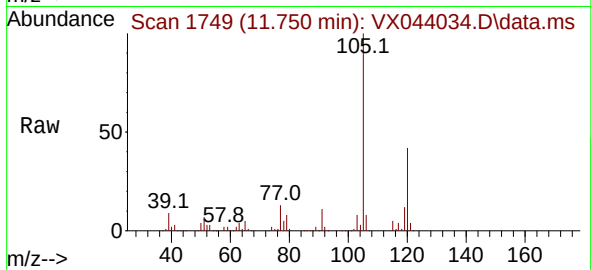
SPLP-C2-1

Tgt Ion:105 Resp: 102072

Ion Ratio Lower Upper

105 100

120 42.1 21.9 65.7



#95

Naphthalene

Concen: 1259.201 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044034.D

Acq: 27 Nov 2024 12:45

Tgt Ion:128 Resp: 8630139

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.2

129 12.2 8.6 12.8

