

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044065.D
 Acq On : 02 Dec 2024 14:52
 Operator : JC/MD
 Sample : P5001-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C2-2DL

Quant Time: Dec 03 00:20:53 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	122610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	210916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99346	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109043	51.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.700%
35) Dibromofluoromethane	5.379	113	78946	45.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.400%
50) Toluene-d8	8.647	98	293792	49.334	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	103588	51.112	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.220%

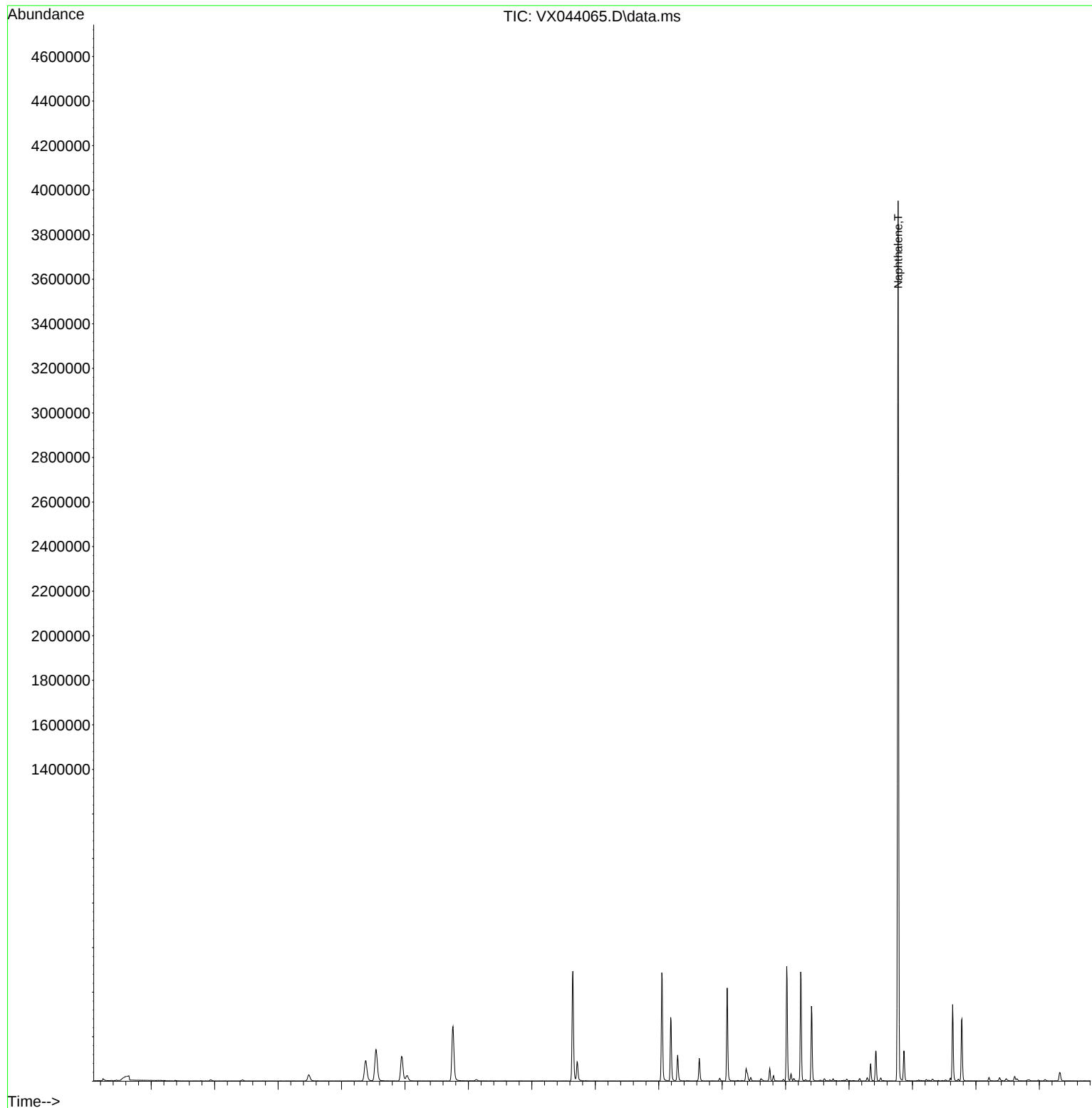
Target Compounds				Qvalue		
27) cis-1,2-Dichloroethene	4.483	96	17444	9.675	ug/l	91
40) Benzene	6.037	78	27964	4.170	ug/l	99
44) Trichloroethene	7.129	130	2205	1.162	ug/l	58
52) Toluene	8.714	92	31614	7.877	ug/l	99
67) Ethyl Benzene	10.189	91	168318	21.443	ug/l	100
68) m/p-Xylenes	10.299	106	26583	9.081	ug/l	96
69) o-Xylene	10.640	106	21201	7.418	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	7643	1.217	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	24518	3.920	ug/l	95
95) Naphthalene	13.774	128	2178441	306.560	ug/l	99

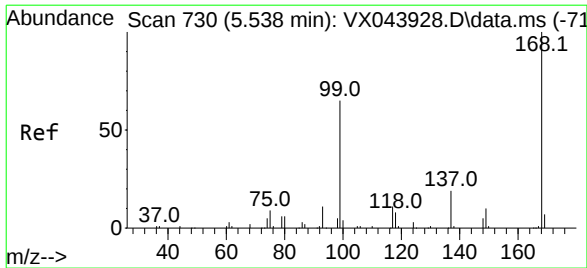
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
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SPLP-C2-2DL

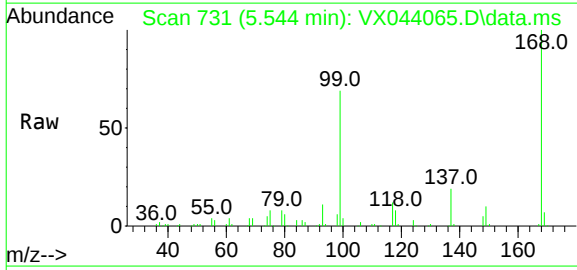
Quant Time: Dec 03 00:20:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



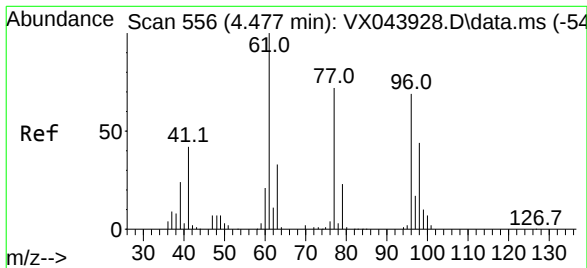
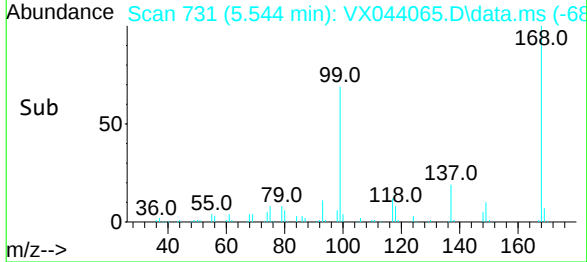
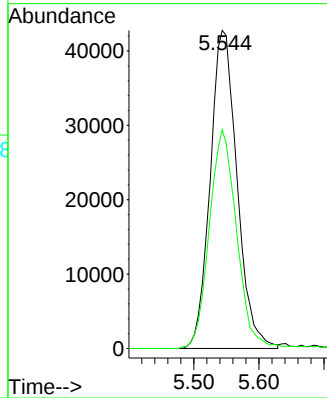


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2DL

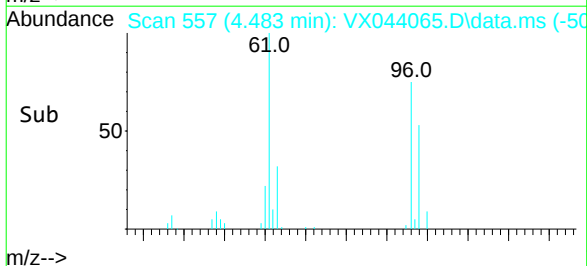
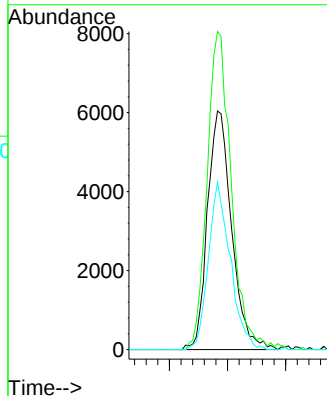
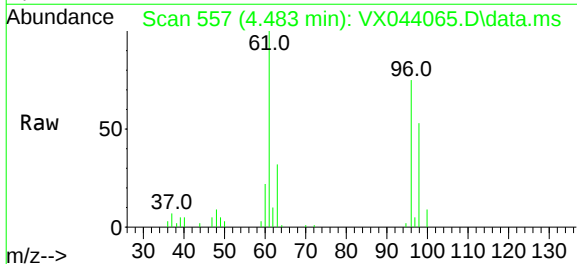


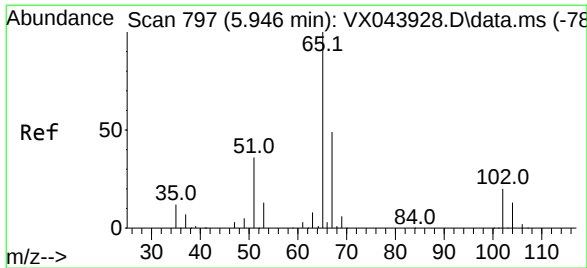
Tgt Ion:168 Resp: 122610
Ion Ratio Lower Upper
168 100
99 68.8 51.8 77.8



#27
cis-1,2-Dichloroethene
Concen: 9.675 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

Tgt Ion: 96 Resp: 17444
Ion Ratio Lower Upper
96 100
61 133.4 0.0 297.4
98 63.6 0.0 127.8

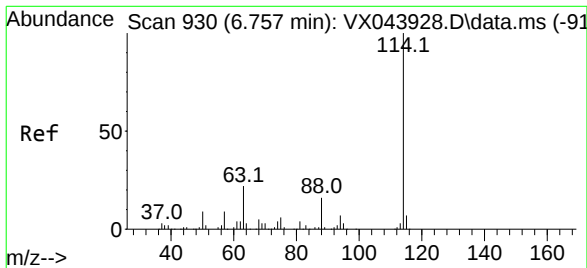
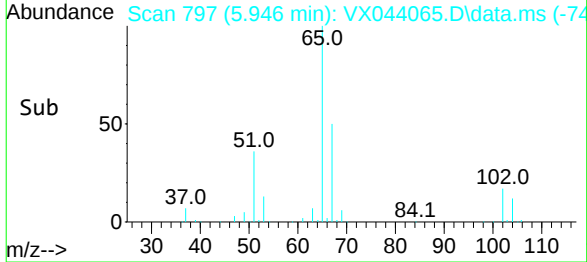
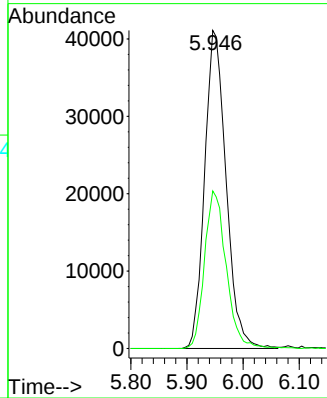
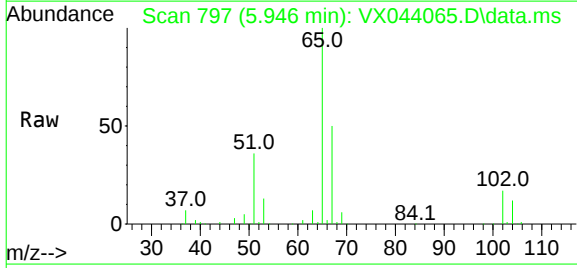




#33
1,2-Dichloroethane-d4
Concen: 51.852 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

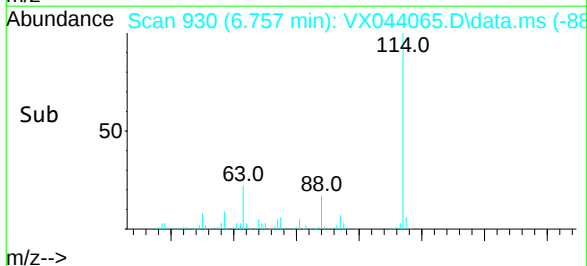
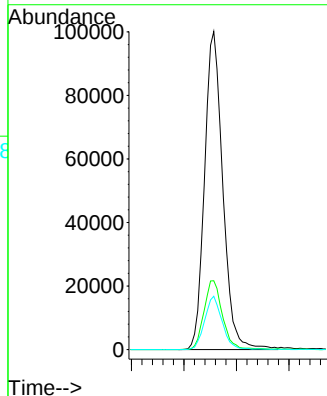
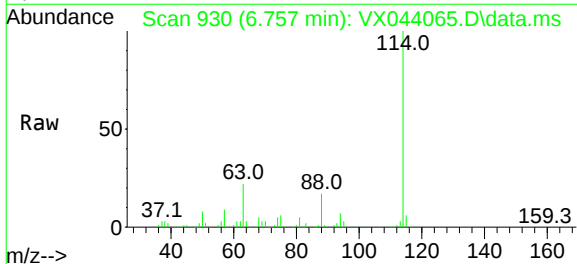
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2DL

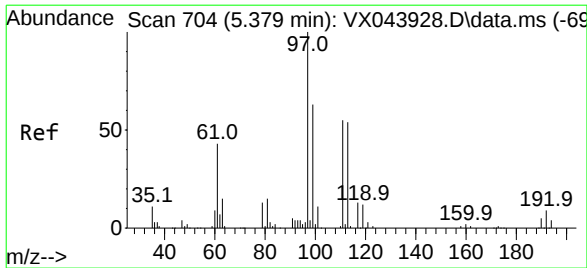
Tgt Ion: 65 Resp: 109043
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

Tgt Ion: 114 Resp: 241771
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.698 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044065.D

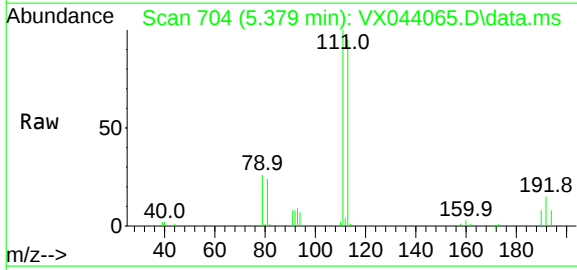
Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2DL



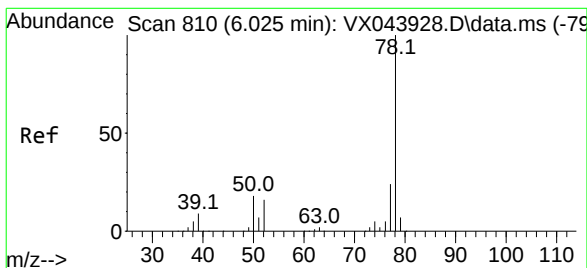
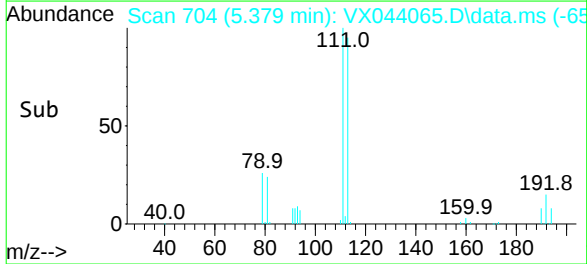
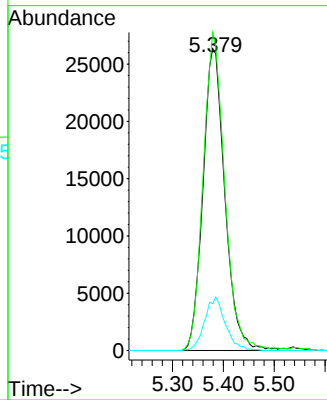
Tgt Ion:113 Resp: 78946

Ion Ratio Lower Upper

113 100

111 103.7 81.0 121.4

192 16.7 13.0 19.6



#40

Benzene

Concen: 4.170 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.012 min

Lab File: VX044065.D

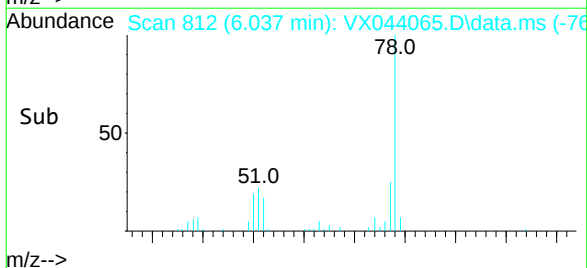
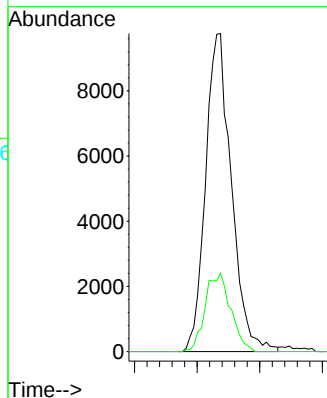
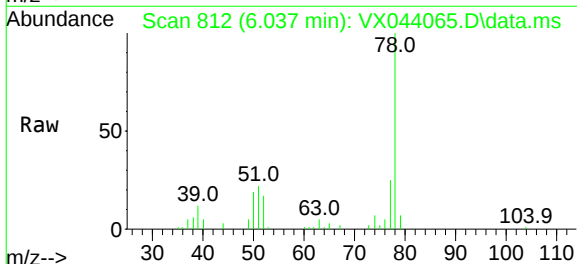
Acq: 02 Dec 2024 14:52

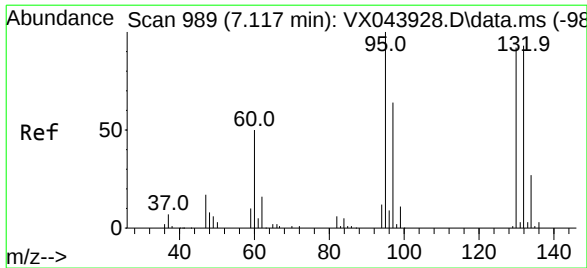
Tgt Ion: 78 Resp: 27964

Ion Ratio Lower Upper

78 100

77 24.7 19.2 28.8





#44

Trichloroethene

Concen: 1.162 ug/l

RT: 7.129 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

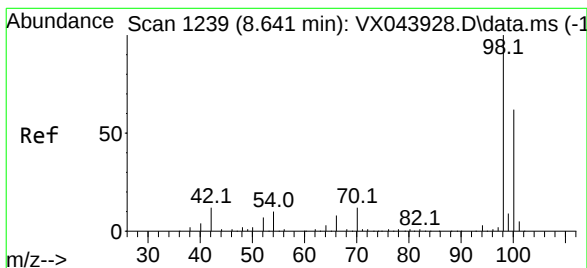
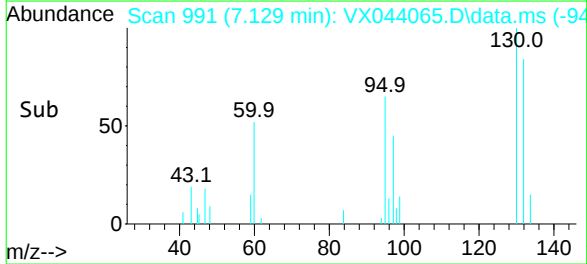
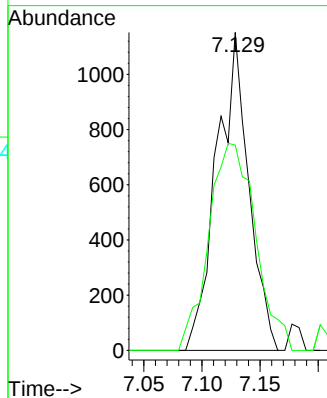
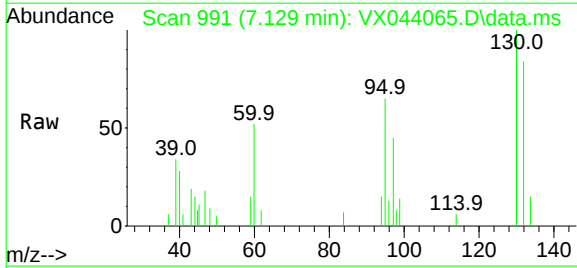
SPLP-C2-2DL

Tgt Ion:130 Resp: 2205

Ion Ratio Lower Upper

130 100

95 64.6 0.0 217.8



#50

Toluene-d8

Concen: 49.334 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044065.D

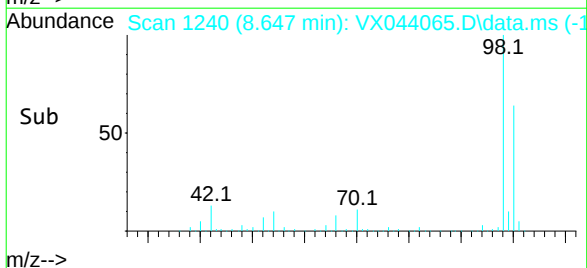
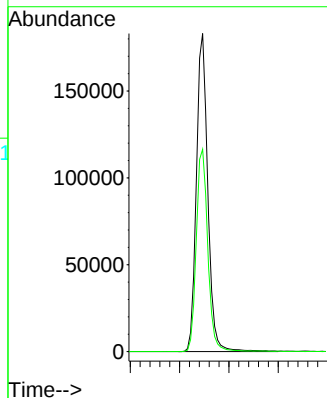
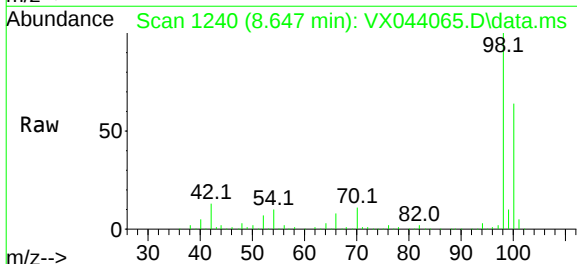
Acq: 02 Dec 2024 14:52

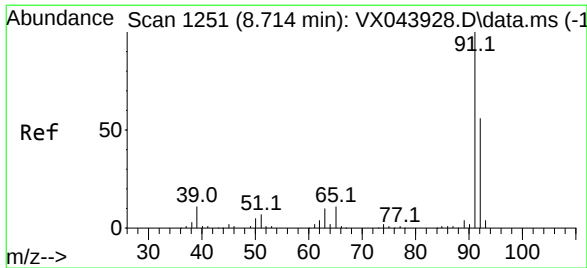
Tgt Ion: 98 Resp: 293792

Ion Ratio Lower Upper

98 100

100 64.1 52.6 79.0





#52

Toluene

Concen: 7.877 ug/l

RT: 8.714 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

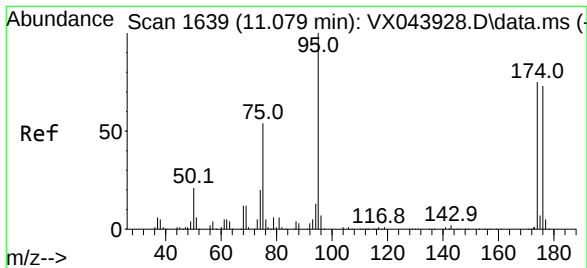
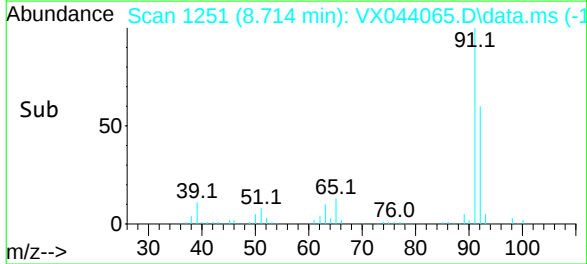
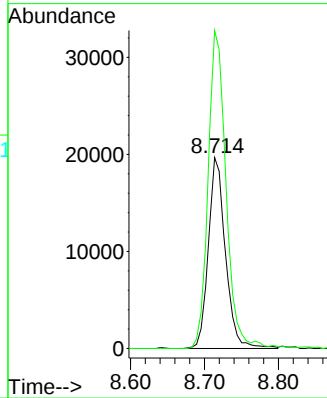
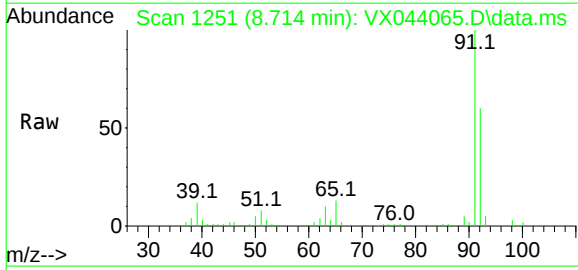
SPLP-C2-2DL

Tgt Ion: 92 Resp: 31614

Ion Ratio Lower Upper

92 100

91 173.5 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.112 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

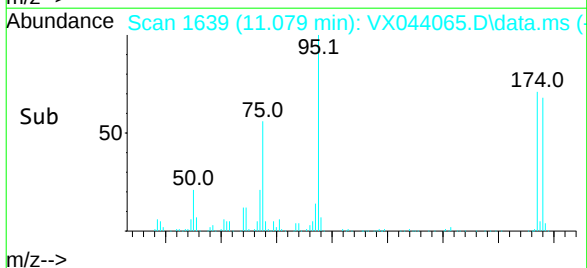
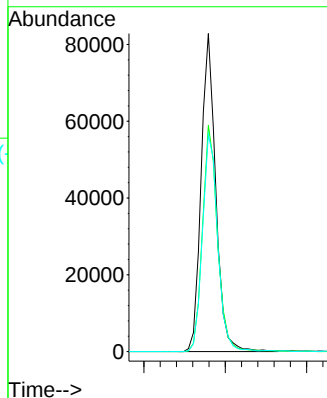
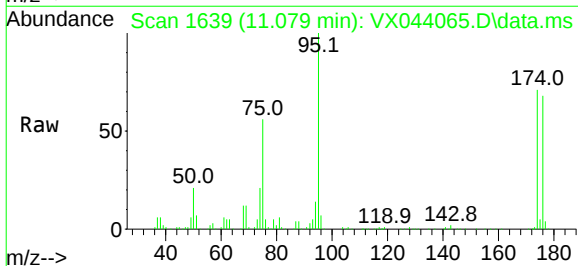
Tgt Ion: 95 Resp: 103588

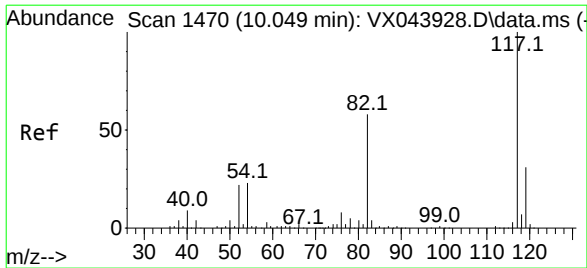
Ion Ratio Lower Upper

95 100

174 72.9 0.0 150.4

176 70.8 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: VX044065.D

Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2DL

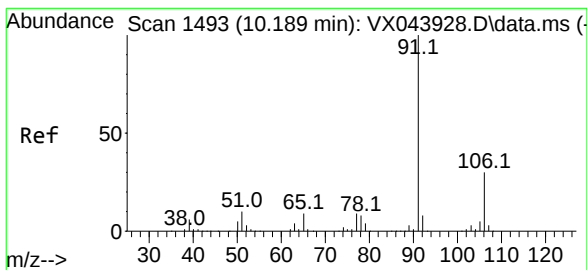
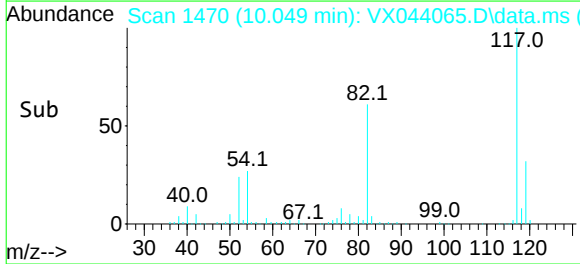
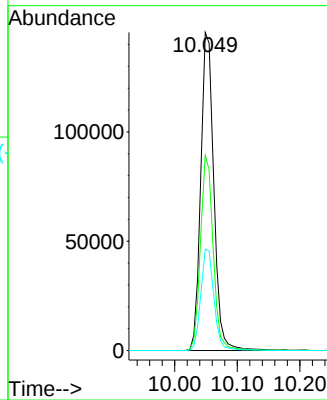
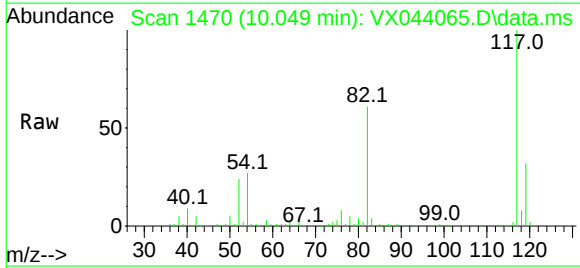
Tgt Ion:117 Resp: 210916

Ion Ratio Lower Upper

117 100

82 61.3 46.4 69.6

119 31.8 24.6 37.0



#67

Ethyl Benzene

Concen: 21.443 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044065.D

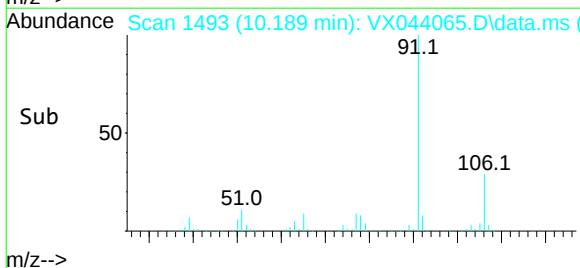
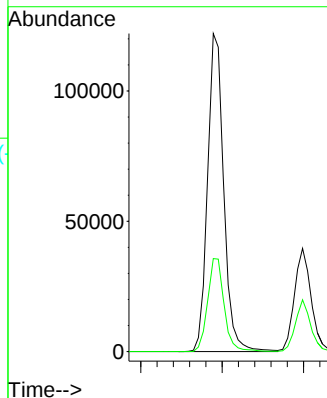
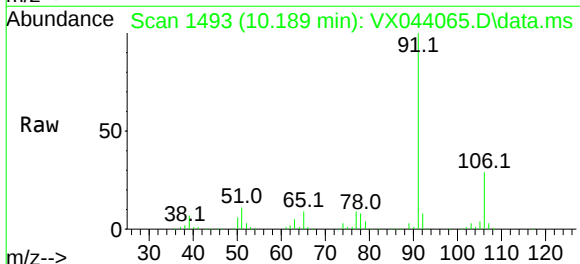
Acq: 02 Dec 2024 14:52

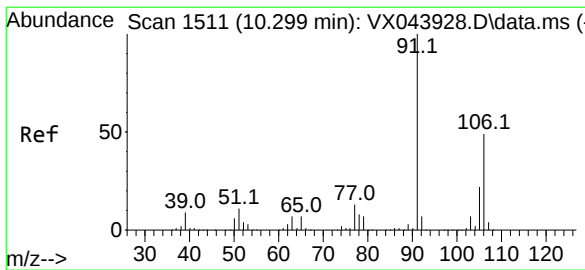
Tgt Ion: 91 Resp: 168318

Ion Ratio Lower Upper

91 100

106 29.2 23.6 35.4

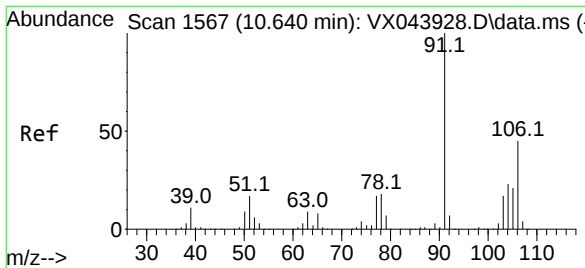
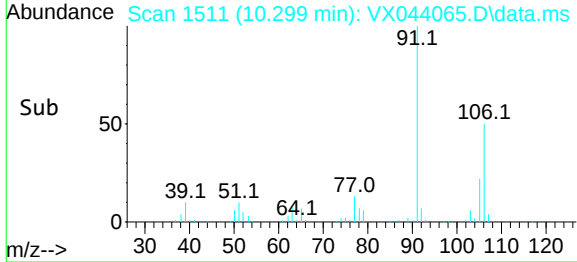
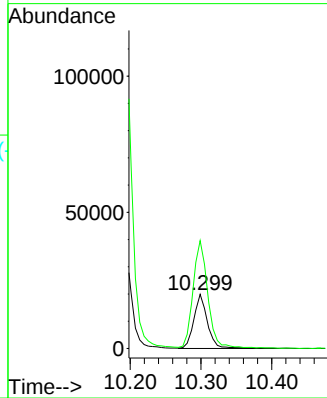
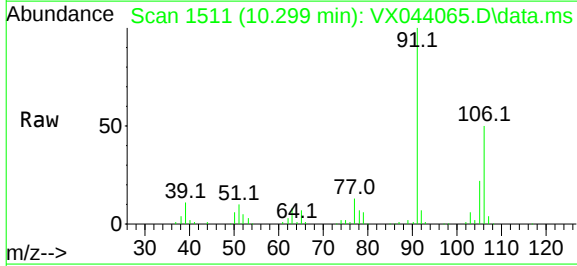




#68
m/p-Xylenes
Concen: 9.081 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

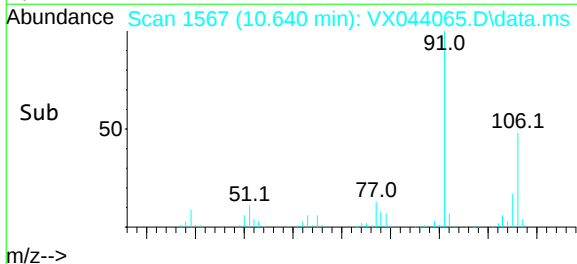
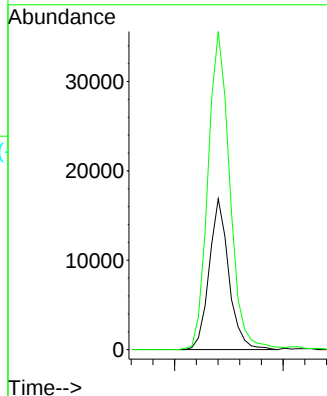
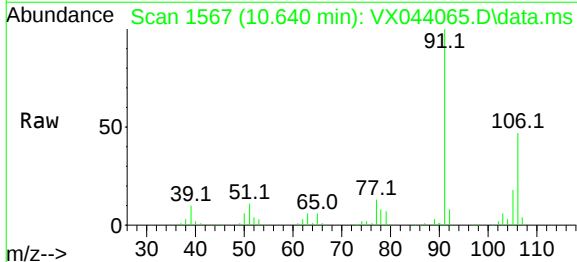
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C2-2DL

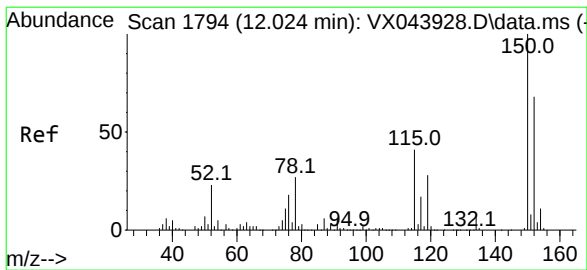
Tgt Ion:106 Resp: 26583
Ion Ratio Lower Upper
106 100
91 216.7 168.1 252.1



#69
o-Xylene
Concen: 7.418 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044065.D
Acq: 02 Dec 2024 14:52

Tgt Ion:106 Resp: 21201
Ion Ratio Lower Upper
106 100
91 234.1 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044065.D

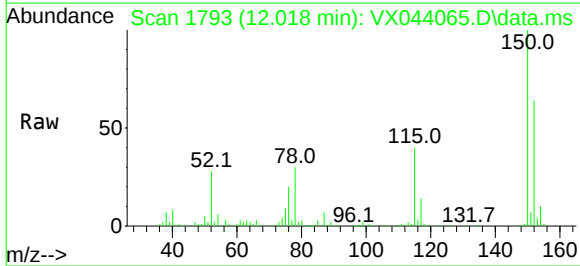
Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C2-2DL



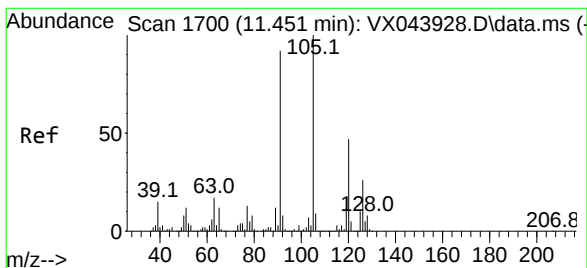
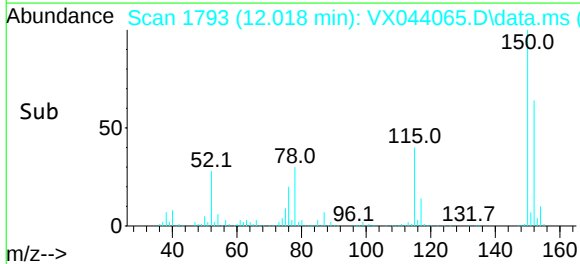
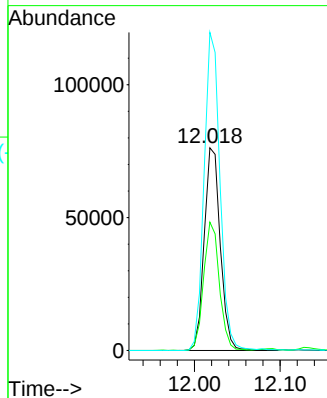
Tgt Ion:152 Resp: 99346

Ion Ratio Lower Upper

152 100

115 62.1 45.4 136.2

150 155.5 0.0 353.0



#80

1,3,5-Trimethylbenzene

Concen: 1.217 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044065.D

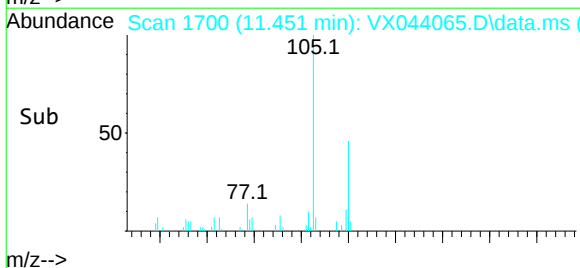
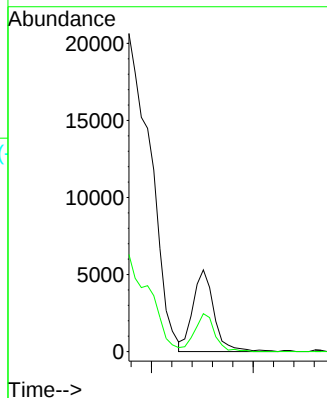
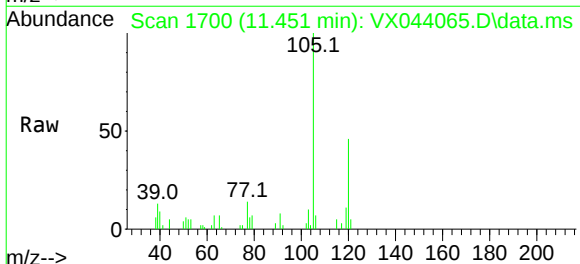
Acq: 02 Dec 2024 14:52

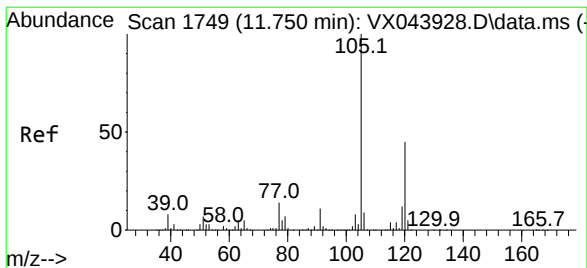
Tgt Ion:105 Resp: 7643

Ion Ratio Lower Upper

105 100

120 44.4 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 3.920 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

Instrument :

MSVOA_X

ClientSampleId :

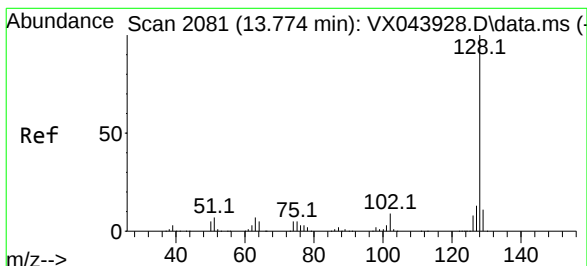
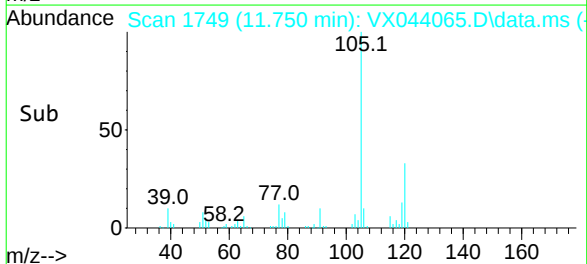
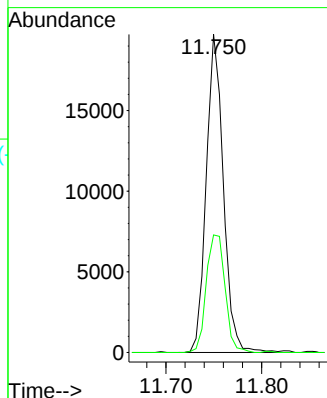
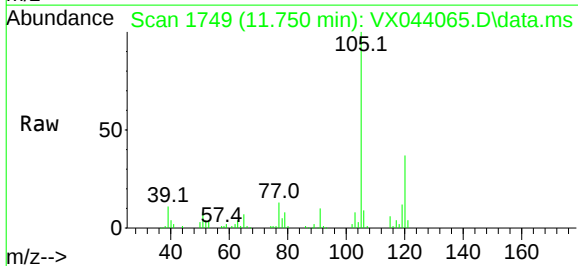
SPLP-C2-2DL

Tgt Ion:105 Resp: 24518

Ion Ratio Lower Upper

105 100

120 40.5 21.9 65.7



#95

Naphthalene

Concen: 306.560 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044065.D

Acq: 02 Dec 2024 14:52

Tgt Ion:128 Resp: 2178441

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.1 8.6 12.8

