

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044116.D
 Acq On : 04 Dec 2024 14:56
 Operator : JC/MD
 Sample : P5006-09DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C10-1DL

Quant Time: Dec 05 00:27:23 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)

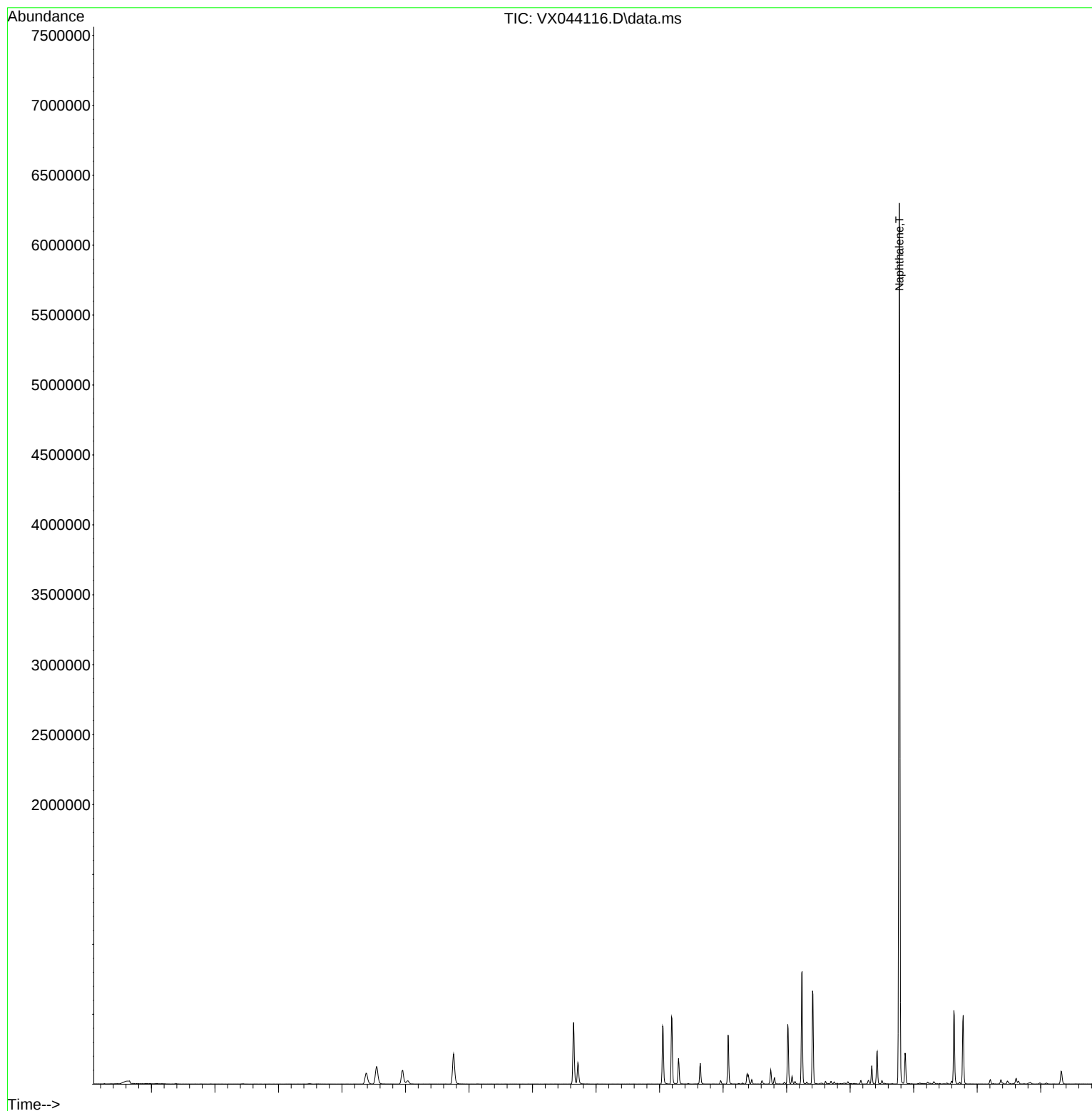
Internal Standards						
1) Pentafluorobenzene	5.550	168	107028	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	209800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96351	52.487	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.980%			
35) Dibromofluoromethane	5.385	113	68065	45.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.800%			
50) Toluene-d8	8.647	98	258636	50.049	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	87724	49.880	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.760%			
Target Compounds						
16) Acetone	2.386	43	4639	5.502	ug/l #	87
27) cis-1,2-Dichloroethene	4.501	96	1929	1.226	ug/l	92
40) Benzene	6.037	78	27877	4.791	ug/l	98
52) Toluene	8.714	92	56542	16.234	ug/l	99
67) Ethyl Benzene	10.189	91	285080	42.010	ug/l	100
68) m/p-Xylenes	10.299	106	42056	16.619	ug/l	99
69) o-Xylene	10.640	106	31086	12.581	ug/l	94
73) Isopropylbenzene	10.963	105	12846	2.114	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	12227	2.446	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	43311	8.703	ug/l	98
95) Naphthalene	13.774	128	3511065	620.989	ug/l	99

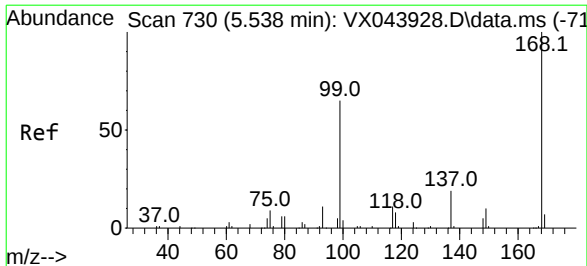
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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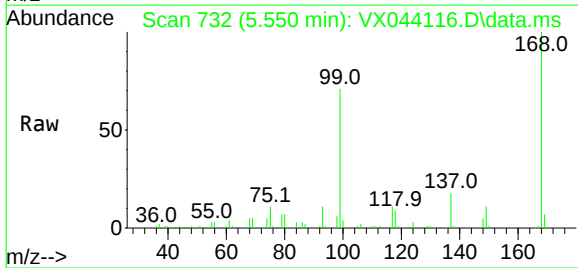
Quant Time: Dec 05 00:27:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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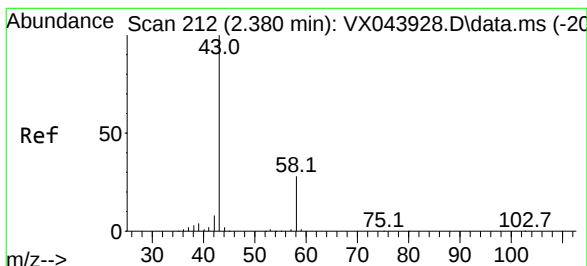
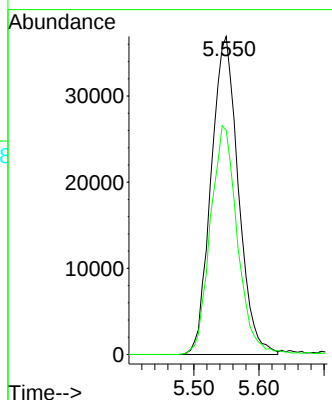
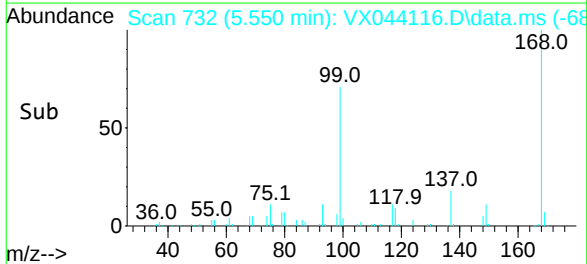


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044116.D
Acq: 04 Dec 2024 14:56

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-1DL

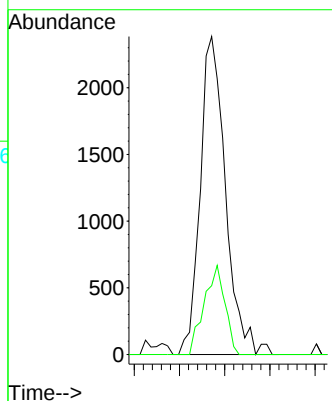
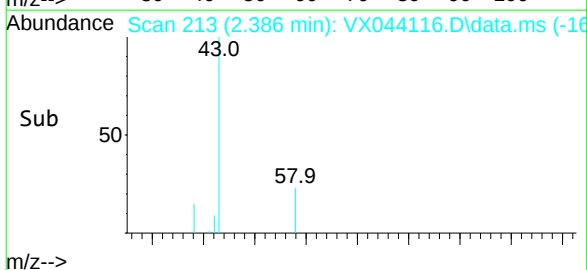
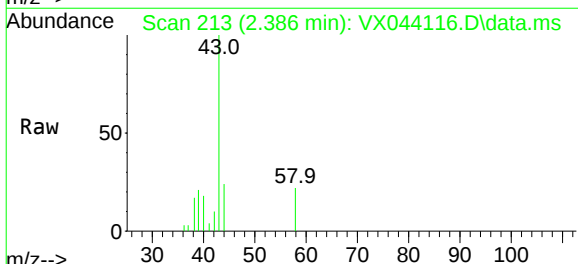


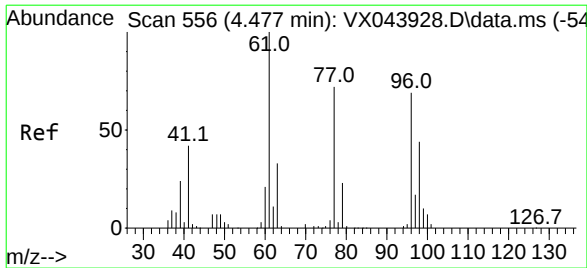
Tgt Ion:168 Resp: 107028
Ion Ratio Lower Upper
168 100
99 70.5 51.8 77.8



#16
Acetone
Concen: 5.502 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044116.D
Acq: 04 Dec 2024 14:56

Tgt Ion: 43 Resp: 4639
Ion Ratio Lower Upper
43 100
58 21.6 22.7 34.1#

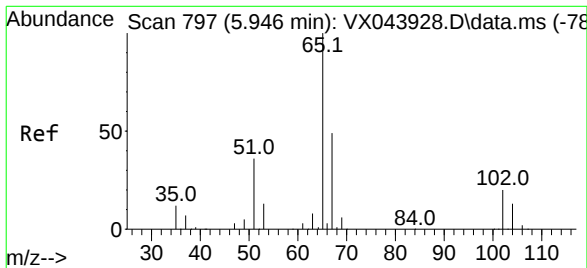
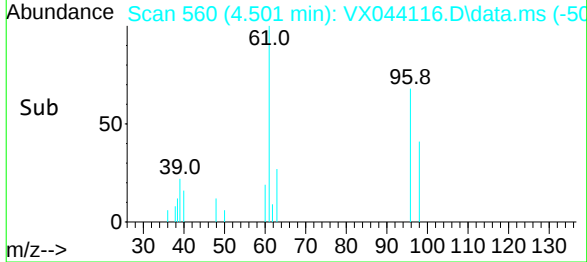
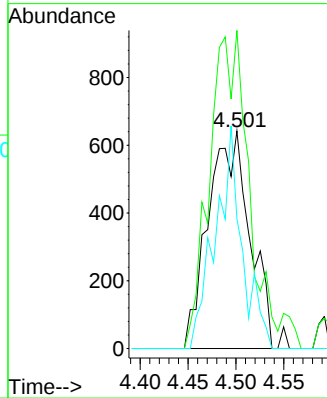
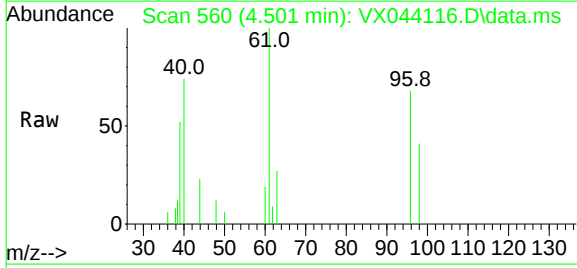




#27
 cis-1,2-Dichloroethene
 Concen: 1.226 ug/l
 RT: 4.501 min Scan# 56
 Delta R.T. 0.024 min
 Lab File: VX044116.D
 Acq: 04 Dec 2024 14:56

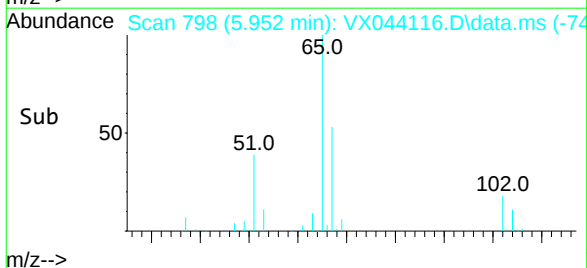
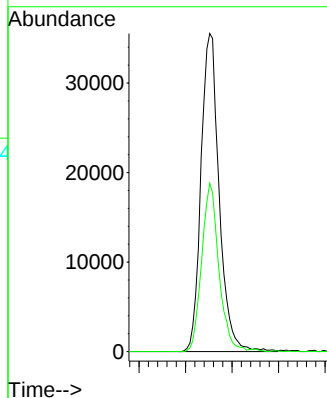
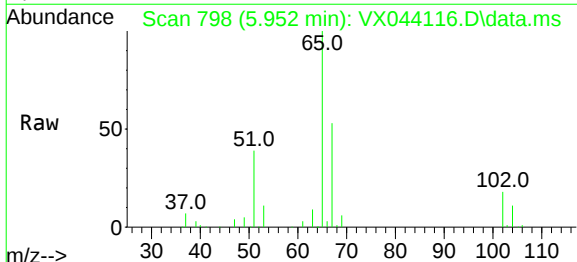
Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C10-1DL

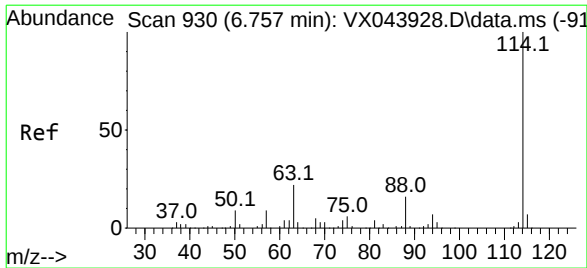
Tgt Ion: 96 Resp: 1929
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 297.4
 98 65.6 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 52.487 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX044116.D
 Acq: 04 Dec 2024 14:56

Tgt Ion: 65 Resp: 96351
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.8

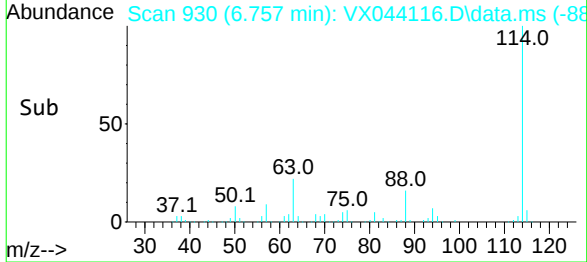
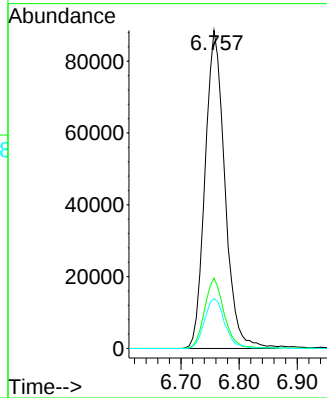
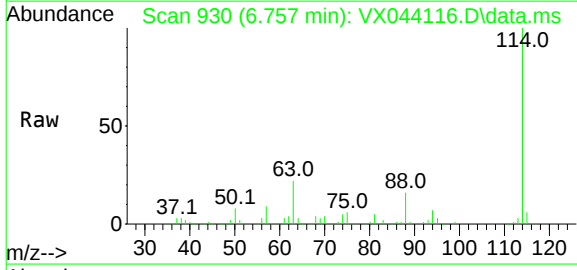




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044116.D
Acq: 04 Dec 2024 14:56

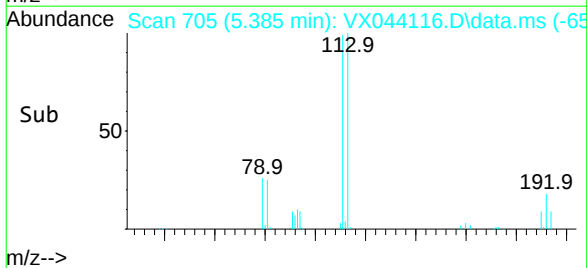
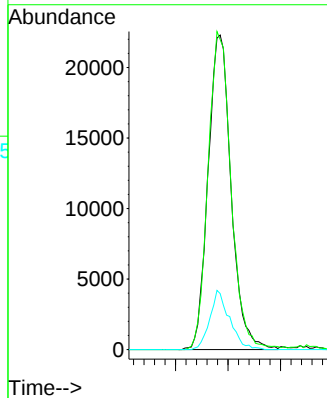
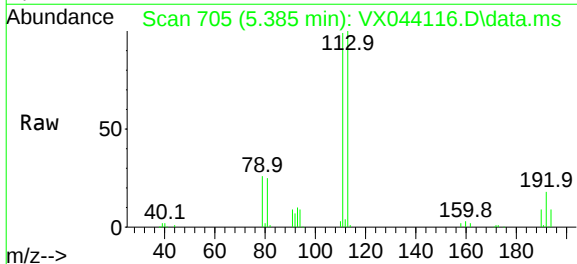
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-1DL

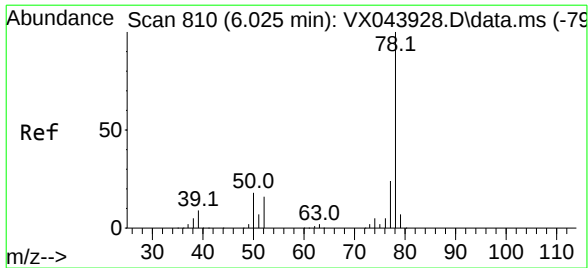
Tgt Ion:	114	Resp:	209800
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.0
88	15.6	0.0	32.4



#35
Dibromofluoromethane
Concen: 45.403 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044116.D
Acq: 04 Dec 2024 14:56

Tgt Ion:	113	Resp:	68065
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.0	121.4
192	16.2	13.0	19.6

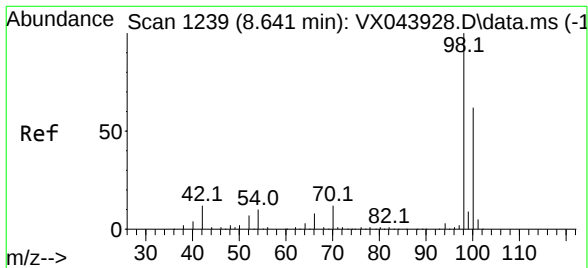
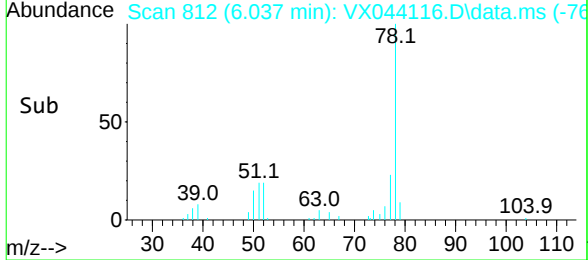
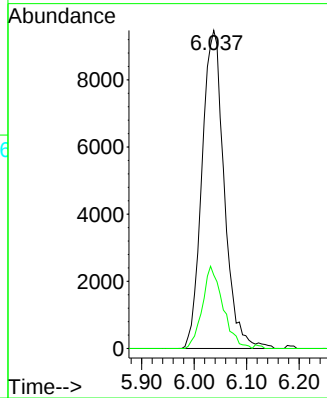
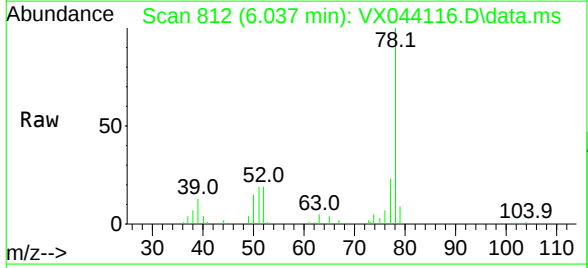




#40
Benzene
Concen: 4.791 ug/l
RT: 6.037 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX044116.D
Acq: 04 Dec 2024 14:56

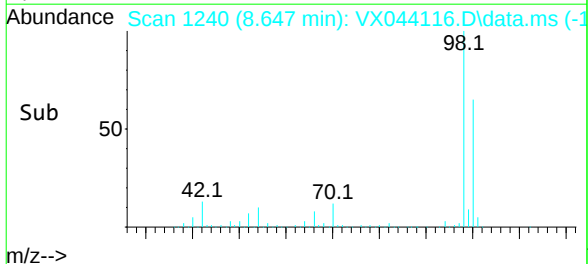
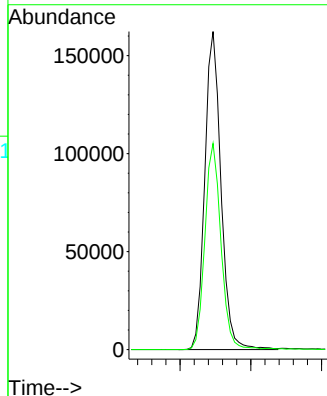
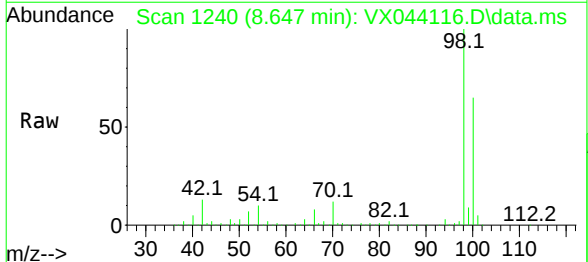
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-1DL

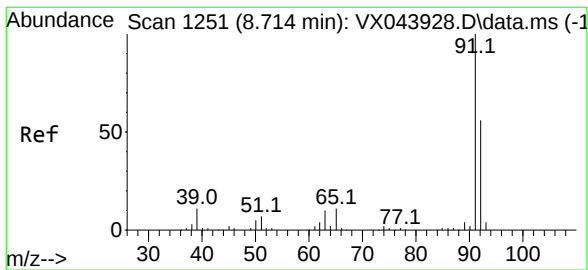
Tgt Ion: 78 Resp: 27877
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8



#50
Toluene-d8
Concen: 50.049 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044116.D
Acq: 04 Dec 2024 14:56

Tgt Ion: 98 Resp: 258636
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0





#52

Toluene

Concen: 16.234 ug/l

RT: 8.714 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

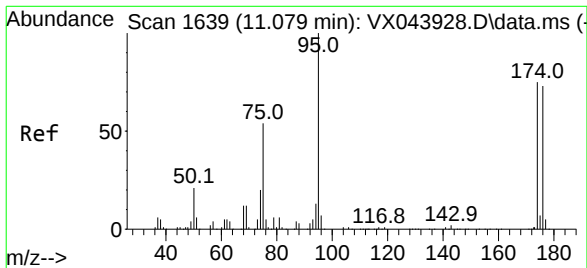
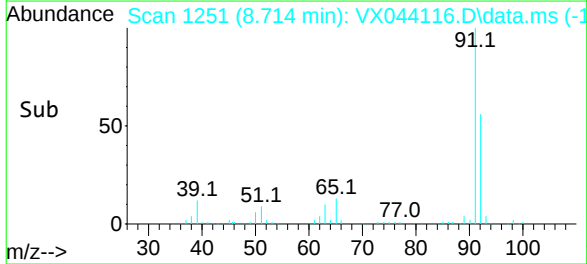
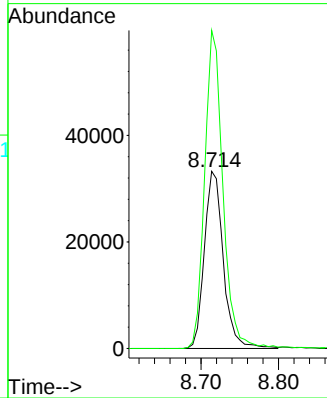
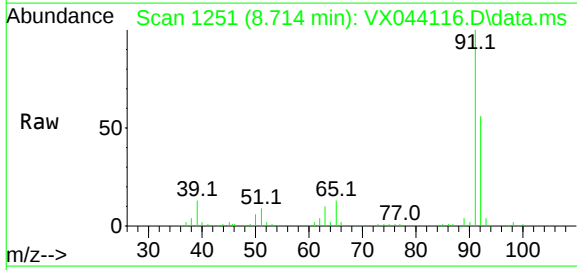
SPLP-C10-1DL

Tgt Ion: 92 Resp: 56542

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 49.880 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

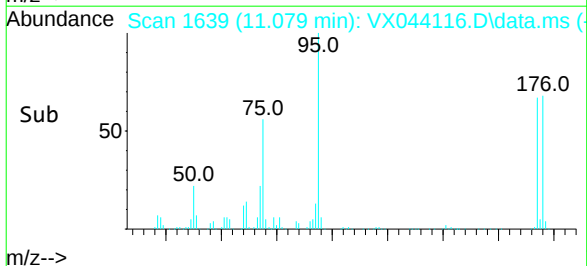
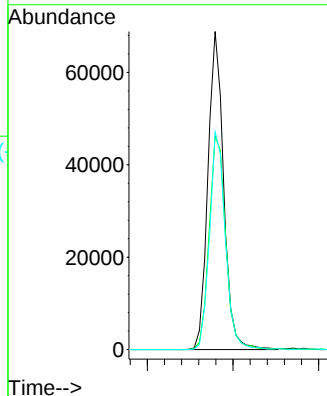
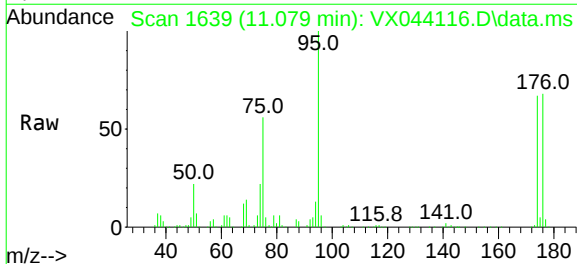
Tgt Ion: 95 Resp: 87724

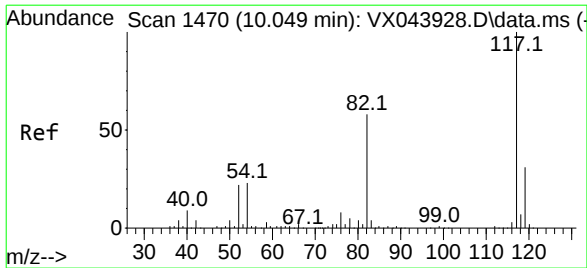
Ion Ratio Lower Upper

95 100

174 70.8 0.0 150.4

176 68.8 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: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1DL

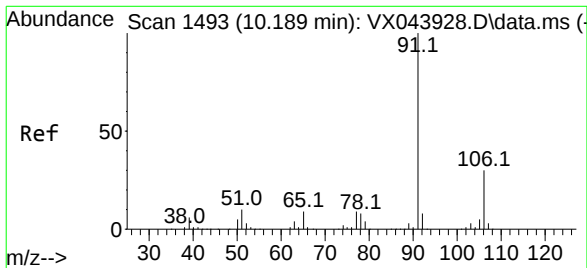
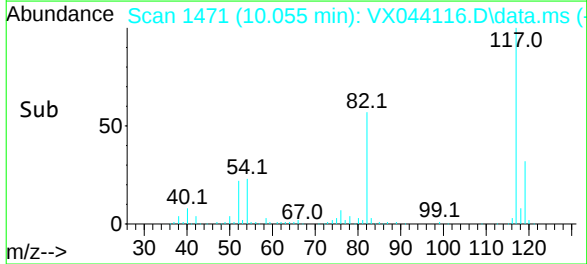
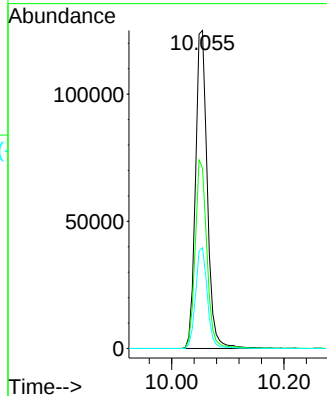
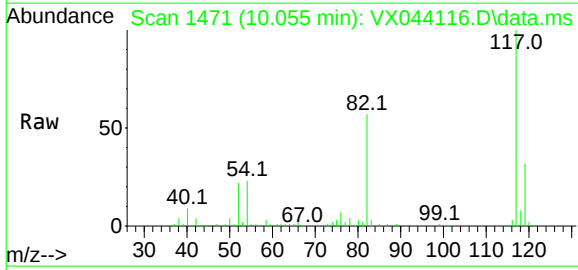
Tgt Ion:117 Resp: 182342

Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

119 31.7 24.6 37.0



#67

Ethyl Benzene

Concen: 42.010 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044116.D

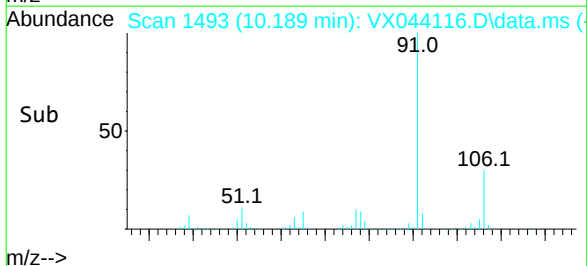
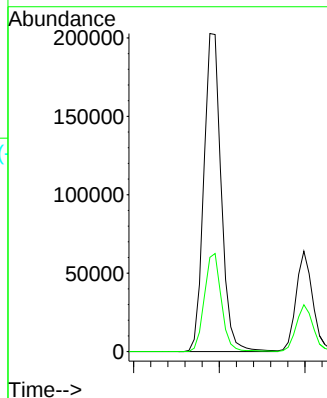
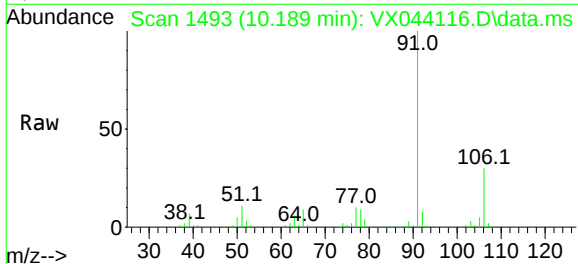
Acq: 04 Dec 2024 14:56

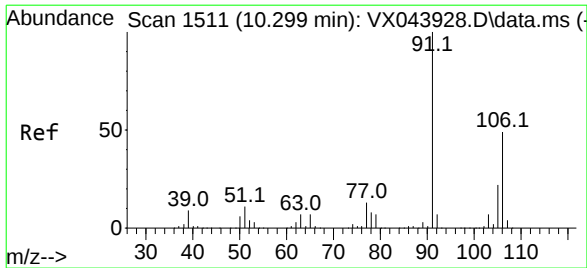
Tgt Ion: 91 Resp: 285080

Ion Ratio Lower Upper

91 100

106 29.6 23.6 35.4





#68

m/p-Xylenes

Concen: 16.619 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

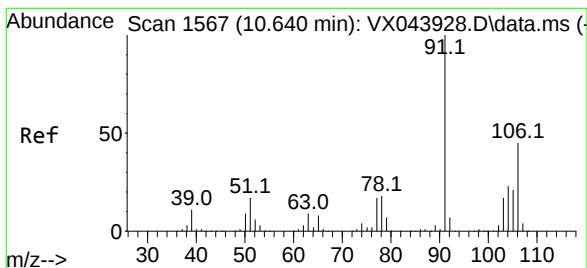
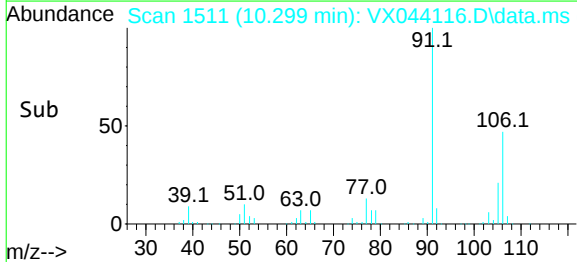
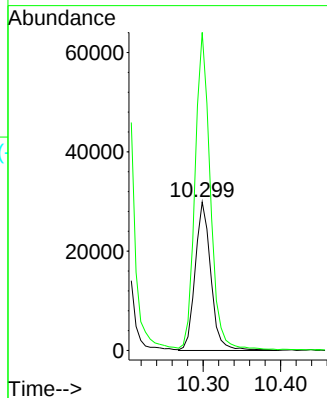
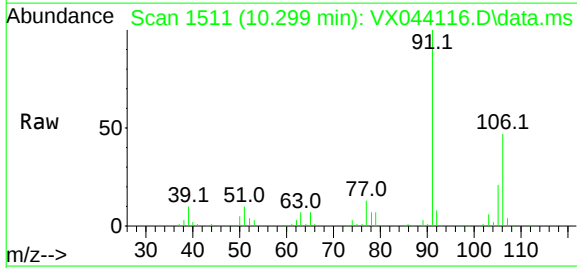
SPLP-C10-1DL

Tgt Ion:106 Resp: 42056

Ion Ratio Lower Upper

106 100

91 207.9 168.1 252.1



#69

o-Xylene

Concen: 12.581 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044116.D

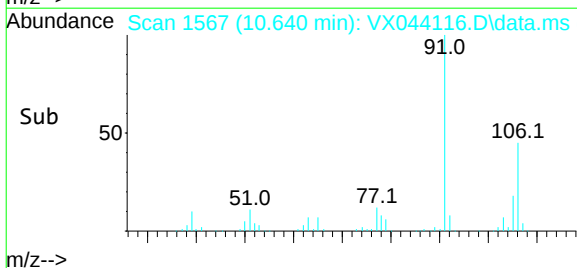
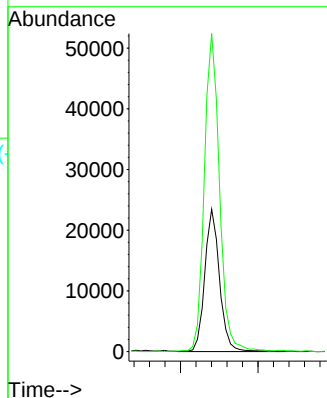
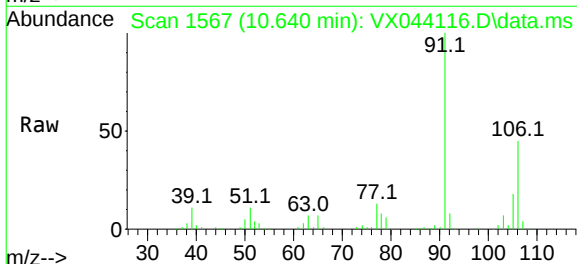
Acq: 04 Dec 2024 14:56

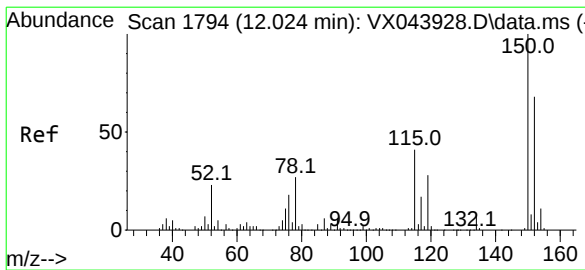
Tgt Ion:106 Resp: 31086

Ion Ratio Lower Upper

106 100

91 230.0 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1DL

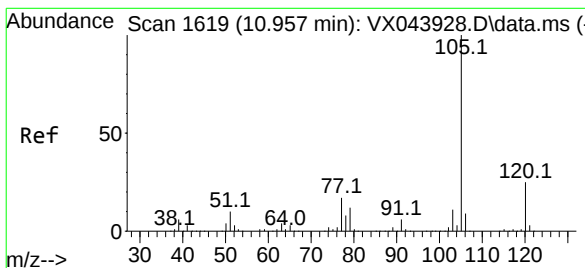
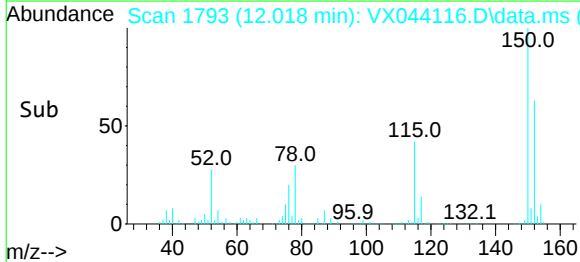
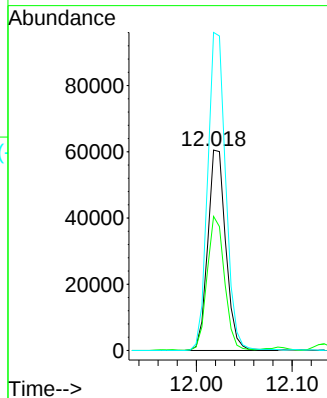
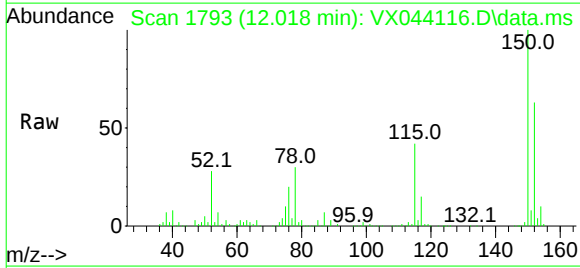
Tgt Ion:152 Resp: 79045

Ion Ratio Lower Upper

152 100

115 64.5 45.4 136.2

150 158.9 0.0 353.0



#73

Isopropylbenzene

Concen: 2.114 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044116.D

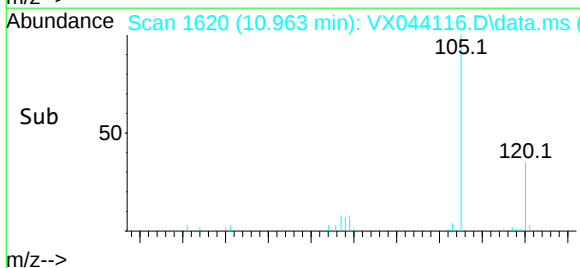
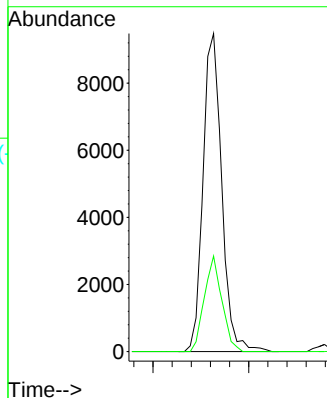
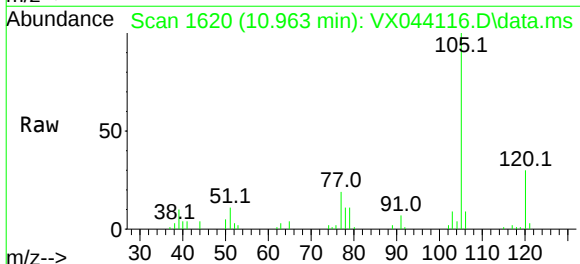
Acq: 04 Dec 2024 14:56

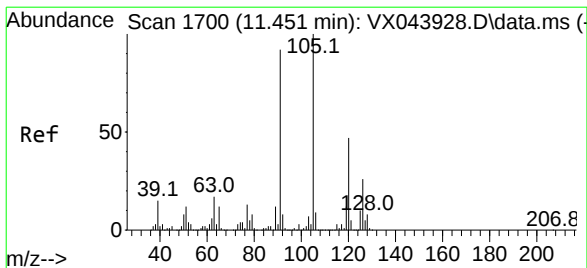
Tgt Ion:105 Resp: 12846

Ion Ratio Lower Upper

105 100

120 28.2 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 2.446 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

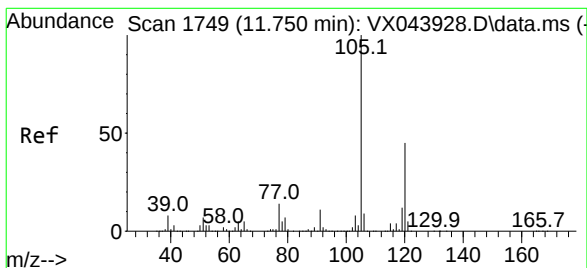
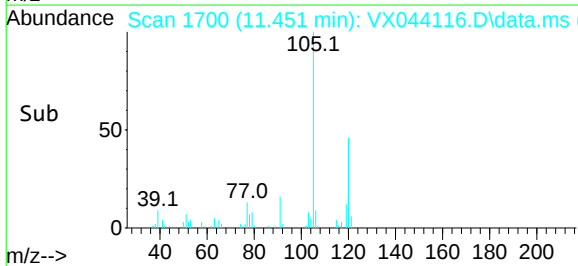
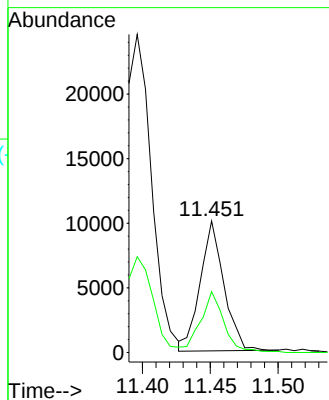
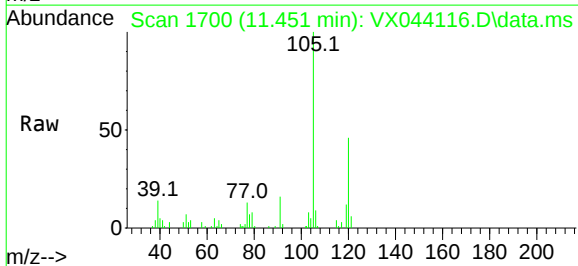
SPLP-C10-1DL

Tgt Ion:105 Resp: 12227

Ion Ratio Lower Upper

105 100

120 46.7 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 8.703 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044116.D

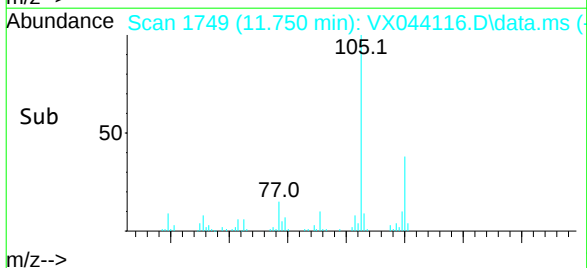
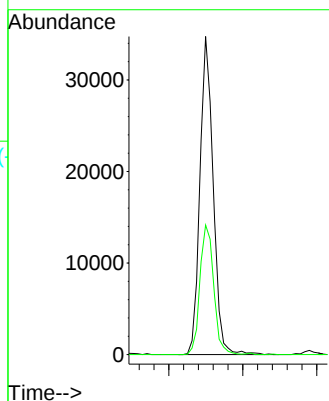
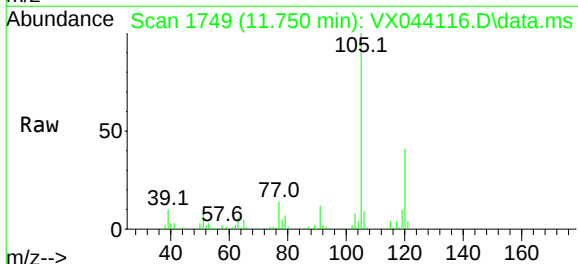
Acq: 04 Dec 2024 14:56

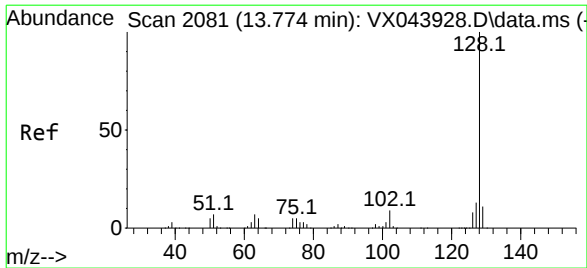
Tgt Ion:105 Resp: 43311

Ion Ratio Lower Upper

105 100

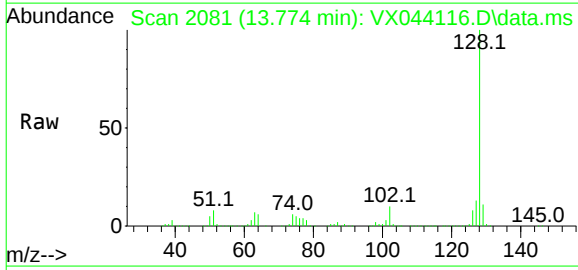
120 42.2 21.9 65.7





#95
Naphthalene
Concen: 620.989 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044116.D
Acq: 04 Dec 2024 14:56

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-1DL



Tgt Ion:128 Resp: 3511065
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.2 8.6 12.8

