

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044118.D
 Acq On : 04 Dec 2024 15:43
 Operator : JC/MD
 Sample : P5006-10DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C10-2DL

Quant Time: Dec 05 00:28:52 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	105677	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	201675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94308	52.031	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.060%
35) Dibromofluoromethane	5.379	113	66594	46.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	8.647	98	248998	50.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.260%
62) 4-Bromofluorobenzene	11.079	95	86307	51.052	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.100%

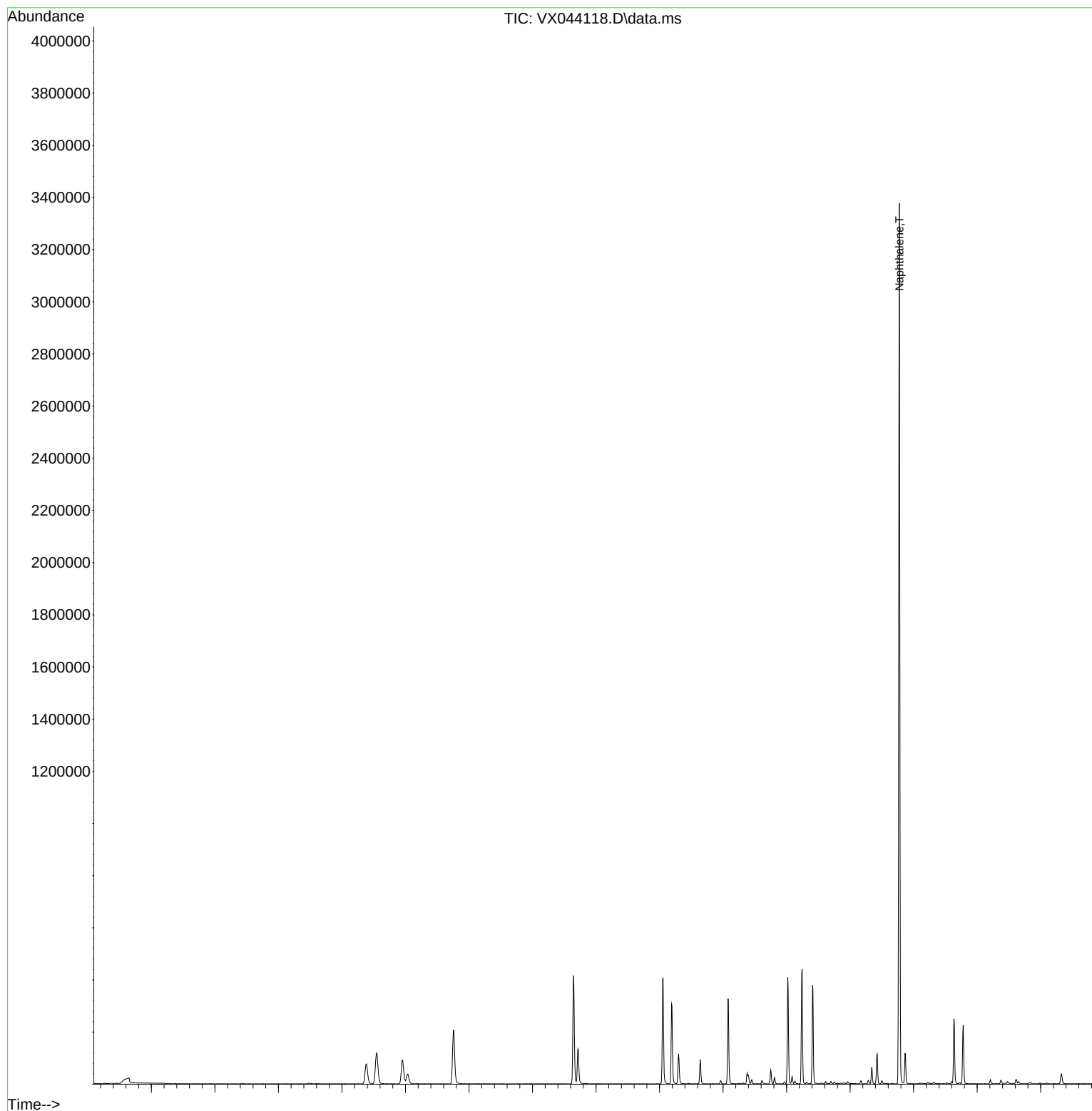
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.483	96	1723	1.109	ug/l	93
40) Benzene	6.038	78	44054	7.876	ug/l	98
52) Toluene	8.714	92	51529	15.391	ug/l	98
67) Ethyl Benzene	10.189	91	185446	28.430	ug/l	99
68) m/p-Xylenes	10.299	106	26667	10.963	ug/l	98
69) o-Xylene	10.640	106	19428	8.180	ug/l	95
73) Isopropylbenzene	10.957	105	7004	1.216	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	6984	1.474	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	23088	4.895	ug/l	99
95) Naphthalene	13.774	128	1843051	343.935	ug/l	99

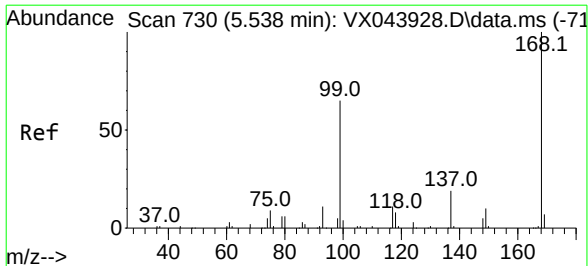
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SPLP-C10-2DL

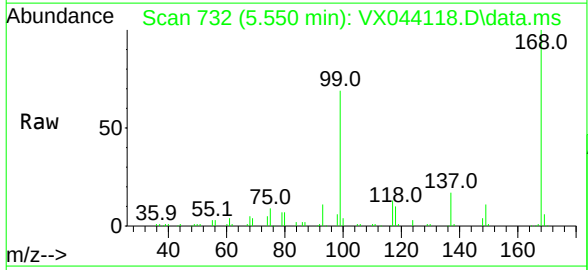
Quant Time: Dec 05 00:28:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



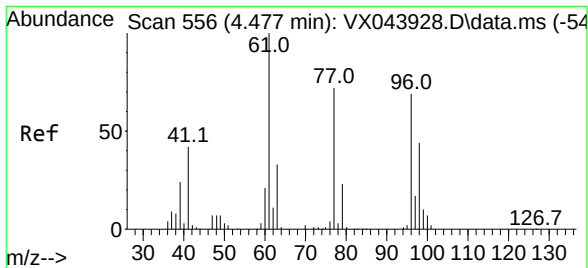
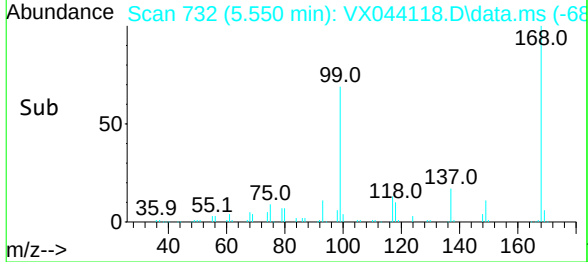
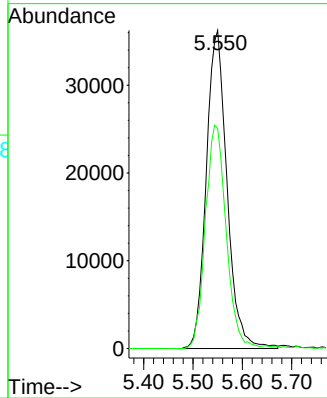


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044118.D
Acq: 04 Dec 2024 15:43

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-2DL

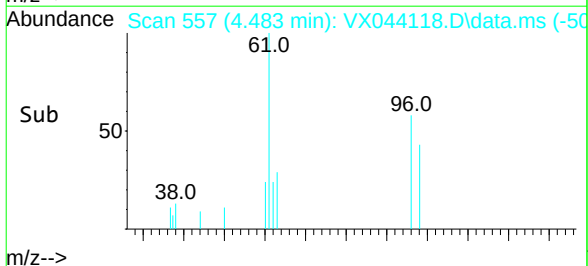
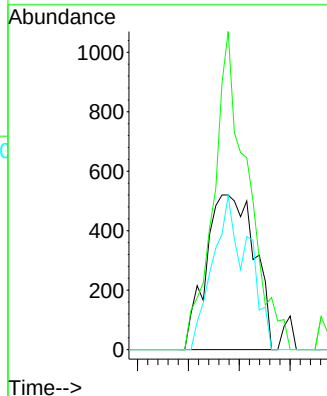
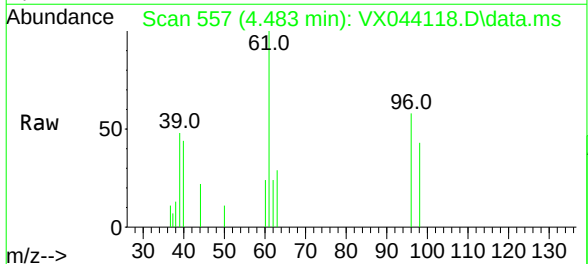


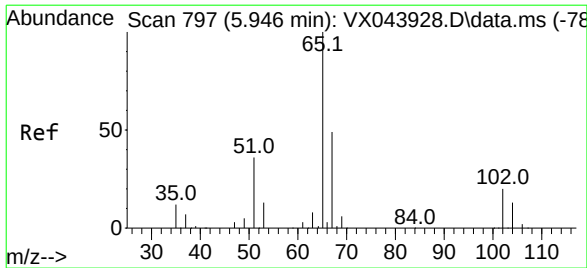
Tgt Ion:168 Resp: 105677
Ion Ratio Lower Upper
168 100
99 69.2 51.8 77.8



#27
cis-1,2-Dichloroethene
Concen: 1.109 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044118.D
Acq: 04 Dec 2024 15:43

Tgt Ion: 96 Resp: 1723
Ion Ratio Lower Upper
96 100
61 144.7 0.0 297.4
98 50.9 0.0 127.8

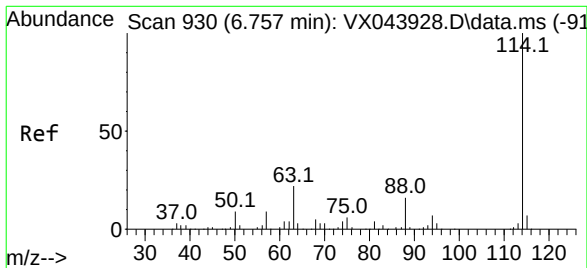
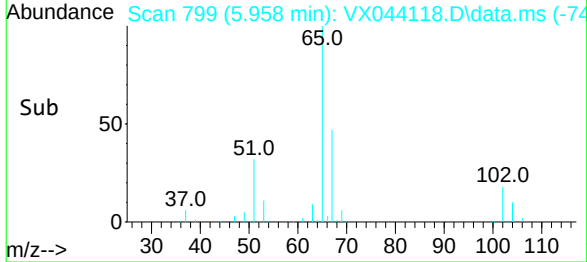
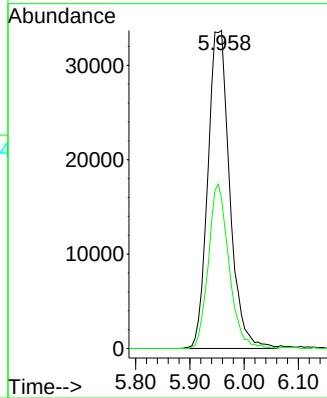
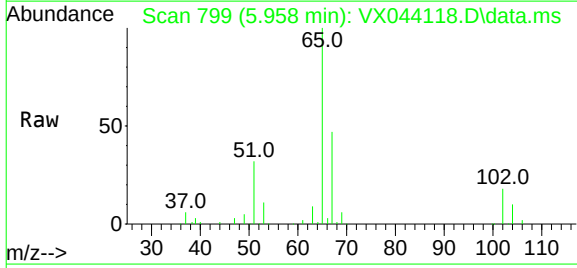




#33
1,2-Dichloroethane-d4
Concen: 52.031 ug/l
RT: 5.958 min Scan# 79
Delta R.T. 0.012 min
Lab File: VX044118.D
Acq: 04 Dec 2024 15:43

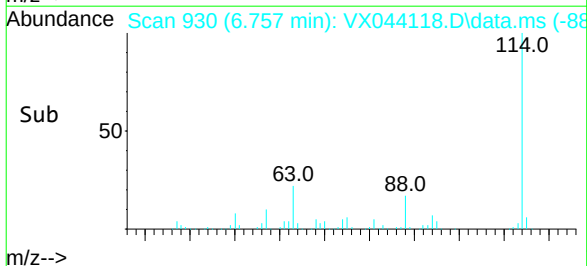
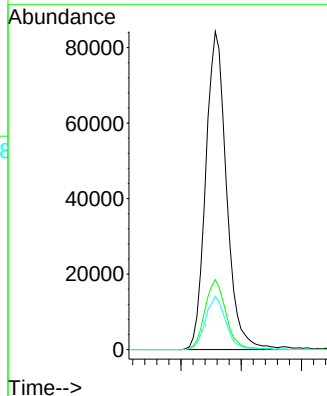
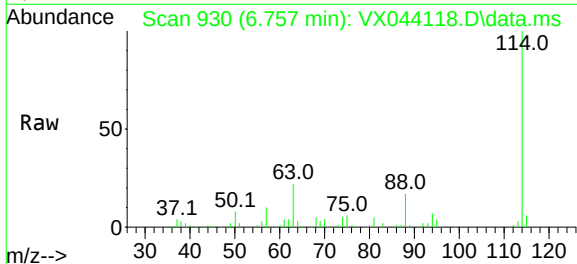
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-2DL

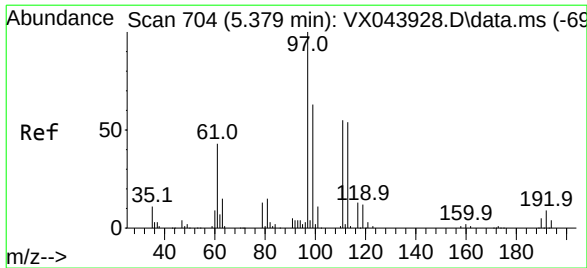
Tgt Ion: 65 Resp: 94308
Ion Ratio Lower Upper
65 100
67 48.6 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044118.D
Acq: 04 Dec 2024 15:43

Tgt Ion: 114 Resp: 201675
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.212 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044118.D

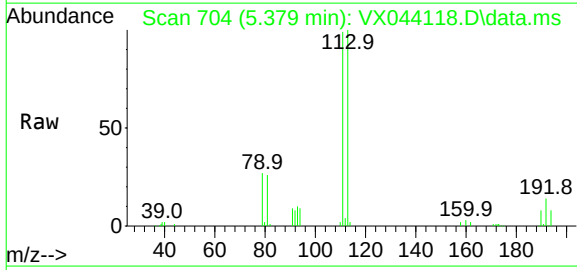
Acq: 04 Dec 2024 15:43

Instrument :

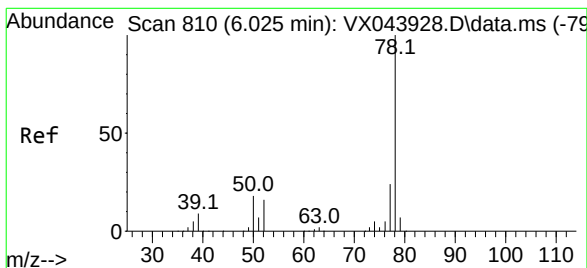
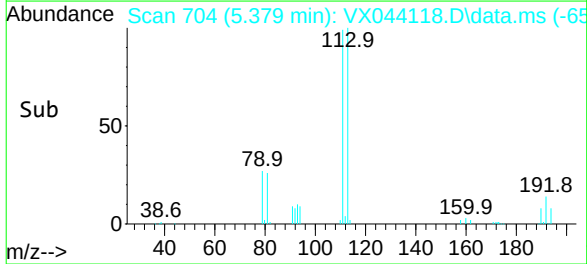
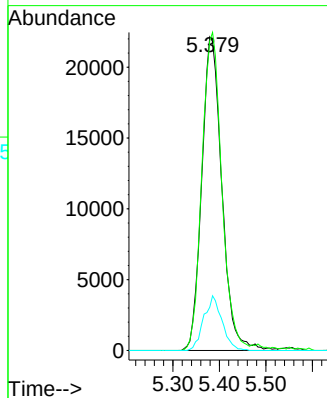
MSVOA_X

ClientSampleId :

SPLP-C10-2DL



Tgt Ion:	113	Resp:	66594
Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.0	121.4
192	15.8	13.0	19.6



#40

Benzene

Concen: 7.876 ug/l

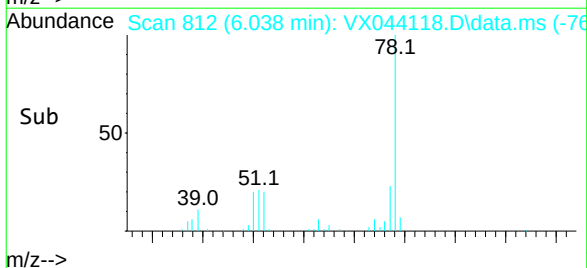
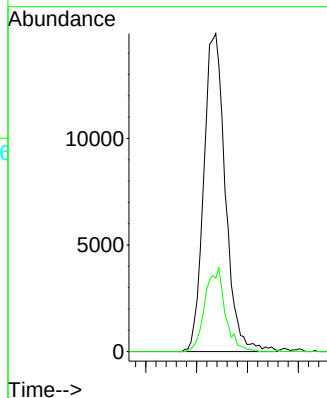
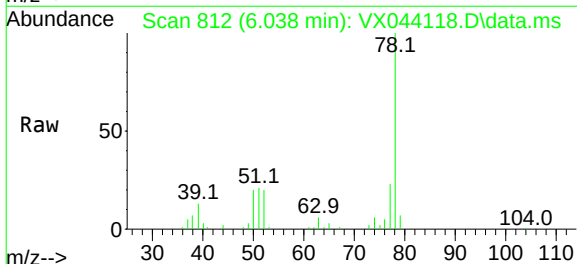
RT: 6.038 min Scan# 812

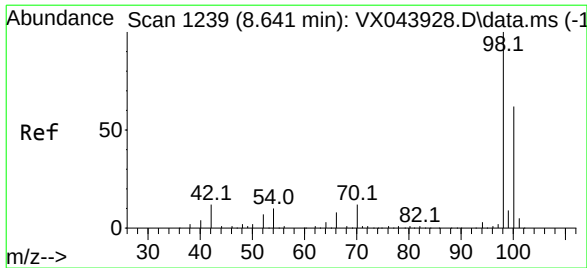
Delta R.T. 0.012 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Tgt Ion:	78	Resp:	44054
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8

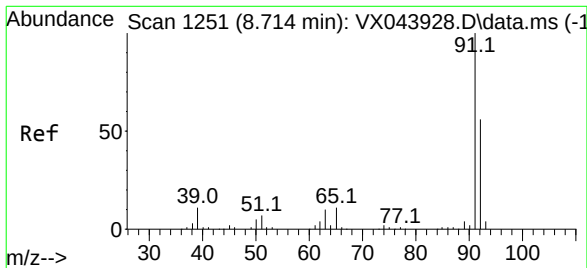
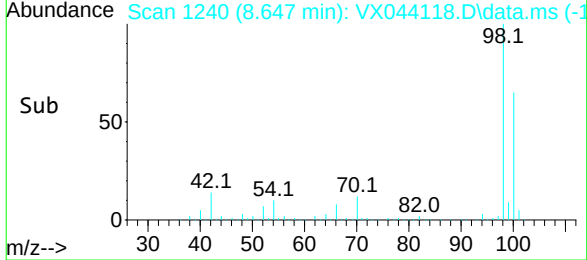
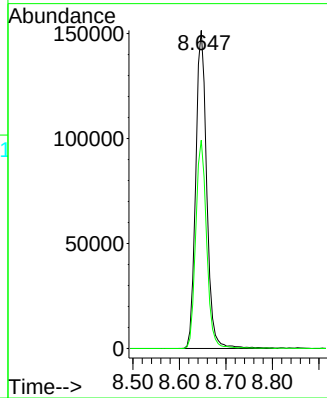
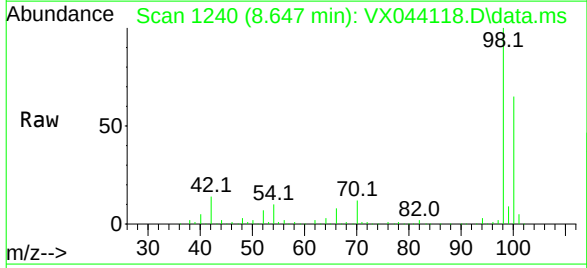




#50
Toluene-d8
Concen: 50.125 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044118.D
Acq: 04 Dec 2024 15:43

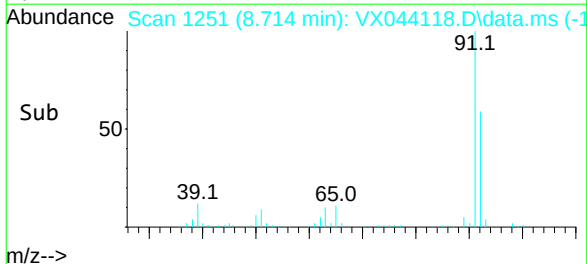
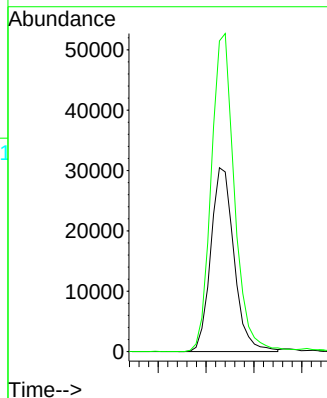
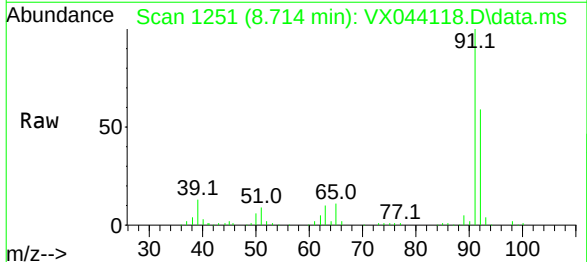
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-2DL

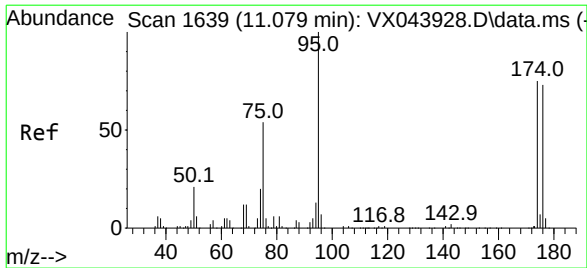
Tgt Ion: 98 Resp: 248998
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0



#52
Toluene
Concen: 15.391 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044118.D
Acq: 04 Dec 2024 15:43

Tgt Ion: 92 Resp: 51529
Ion Ratio Lower Upper
92 100
91 172.3 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 51.052 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044118.D

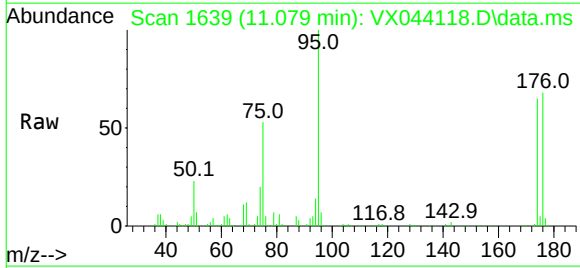
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Instrument :

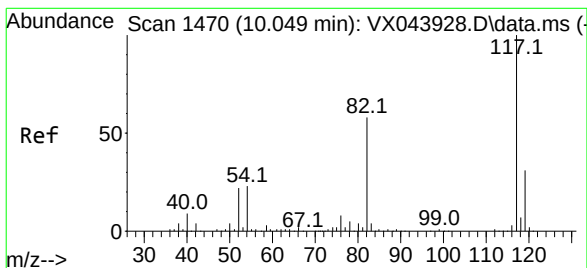
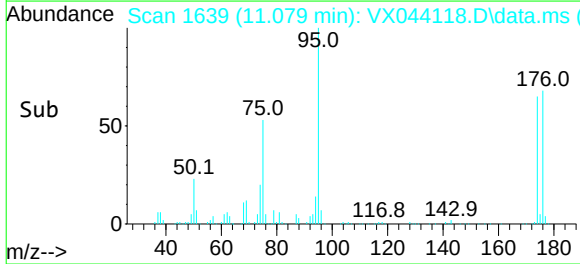
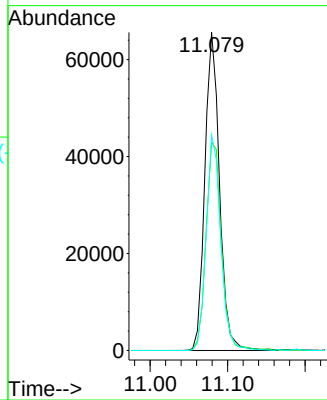
MSVOA_X

ClientSampleId :

SPLP-C10-2DL



Tgt Ion:	95	Resp:	86307
Ion Ratio	Lower	Upper	
95	100		
174	69.2	0.0	150.4
176	67.0	0.0	146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

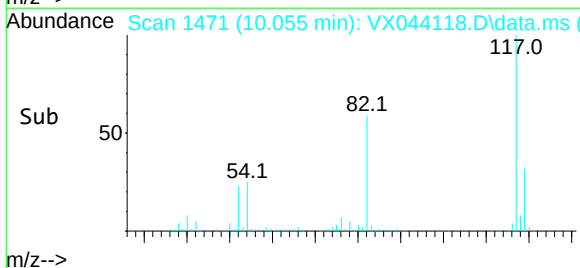
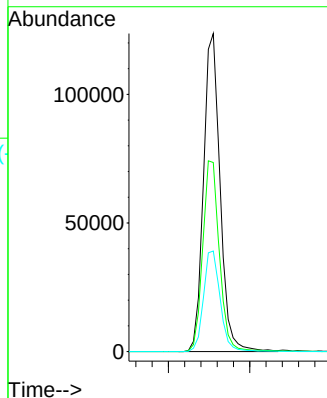
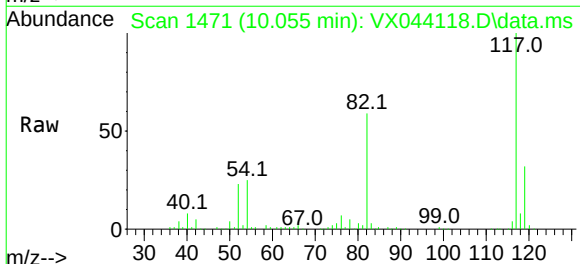
RT: 10.055 min Scan# 1471

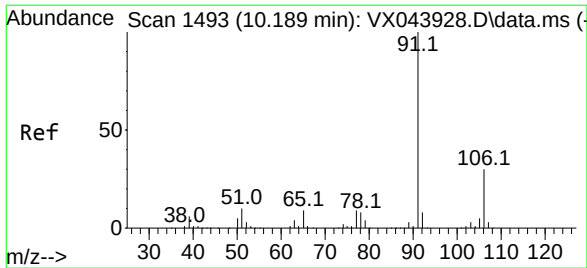
Delta R.T. 0.006 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Tgt Ion:	117	Resp:	175270
Ion Ratio	Lower	Upper	
117	100		
82	59.4	46.4	69.6
119	31.6	24.6	37.0

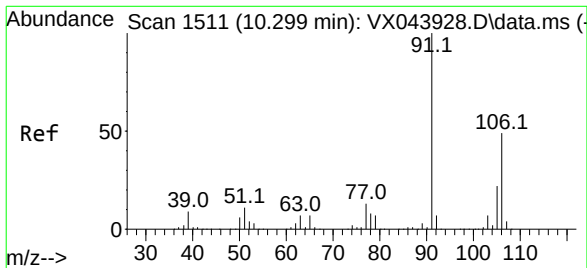
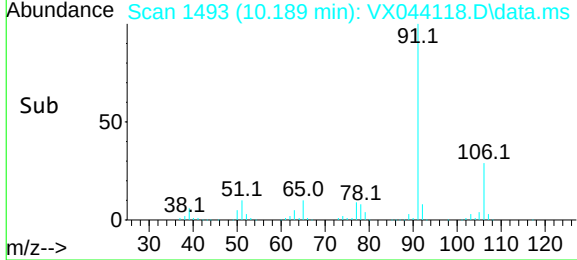
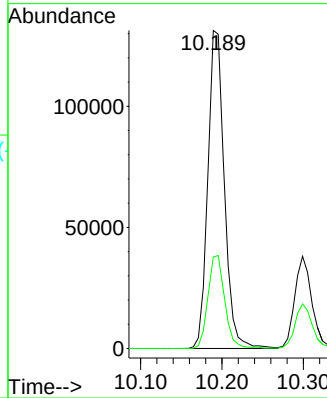
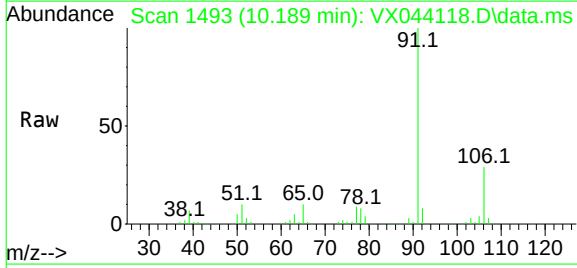




#67
Ethyl Benzene
Concen: 28.430 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044118.D
Acq: 04 Dec 2024 15:43

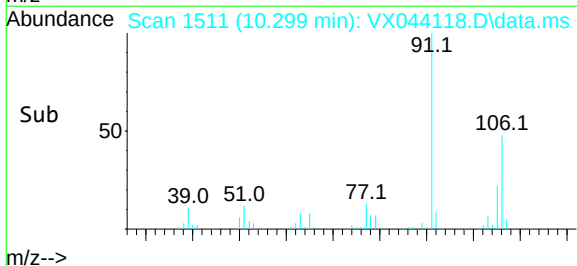
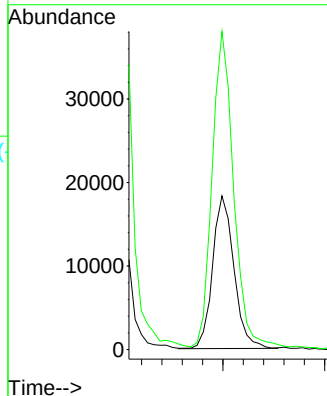
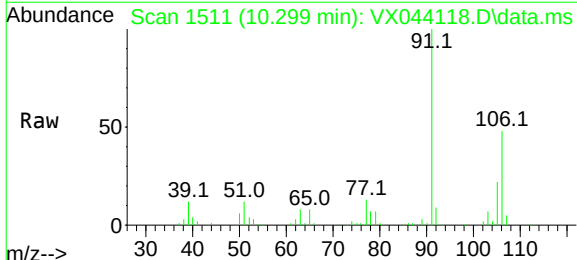
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-2DL

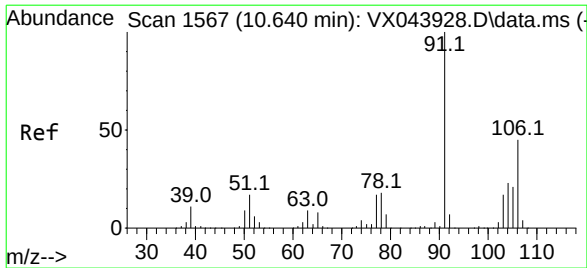
Tgt Ion: 91 Resp: 185446
Ion Ratio Lower Upper
91 100
106 28.7 23.6 35.4



#68
m/p-Xylenes
Concen: 10.963 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044118.D
Acq: 04 Dec 2024 15:43

Tgt Ion: 106 Resp: 26667
Ion Ratio Lower Upper
106 100
91 212.9 168.1 252.1





#69

o-Xylene

Concen: 8.180 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

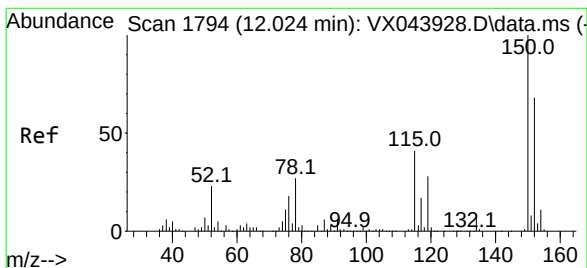
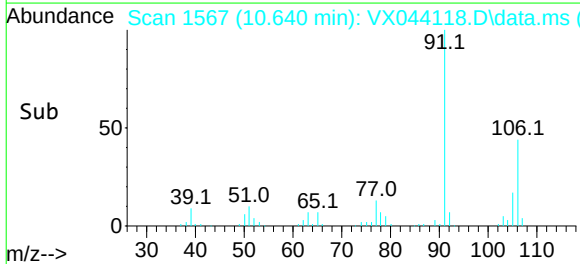
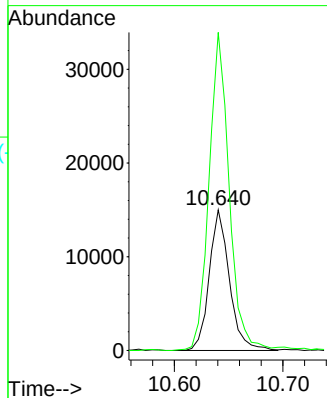
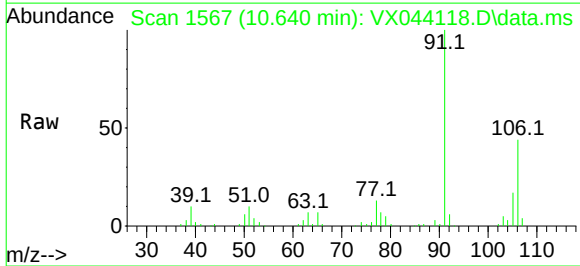
SPLP-C10-2DL

Tgt Ion:106 Resp: 19428

Ion Ratio Lower Upper

106 100

91 228.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

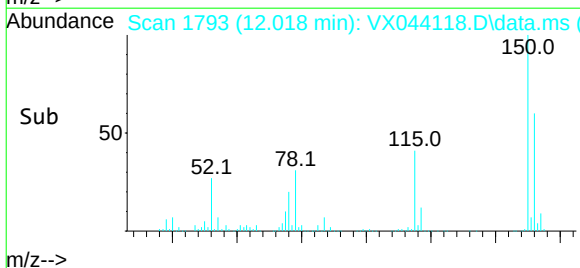
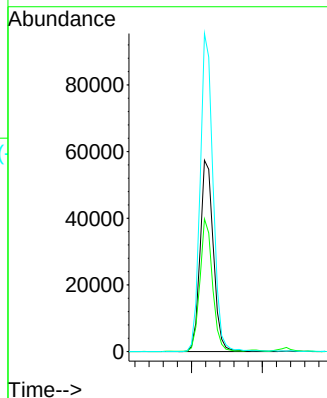
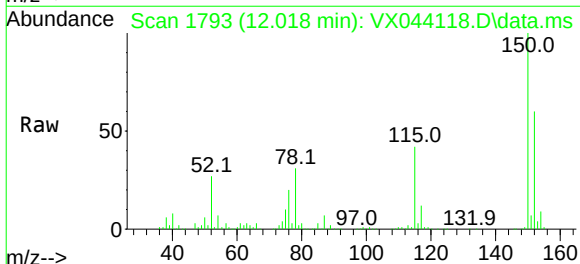
Tgt Ion:152 Resp: 74917

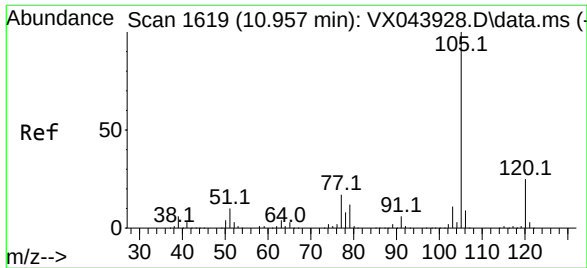
Ion Ratio Lower Upper

152 100

115 65.2 45.4 136.2

150 161.7 0.0 353.0





#73

Isopropylbenzene

Concen: 1.216 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

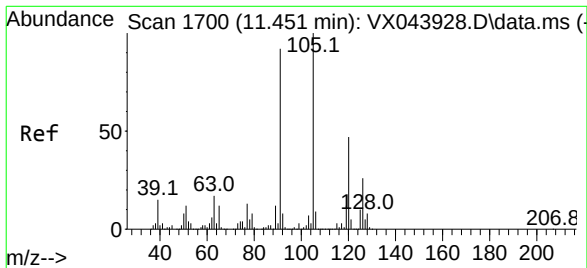
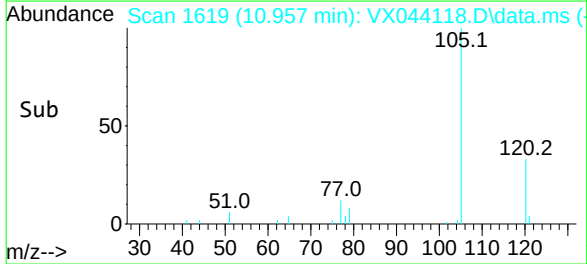
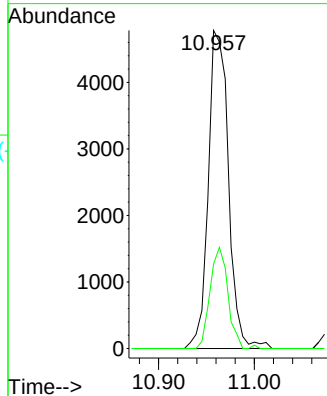
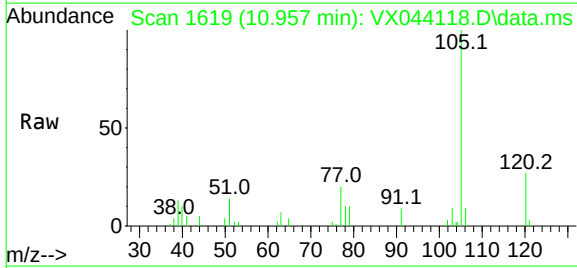
SPLP-C10-2DL

Tgt Ion:105 Resp: 7004

Ion Ratio Lower Upper

105 100

120 27.9 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.474 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044118.D

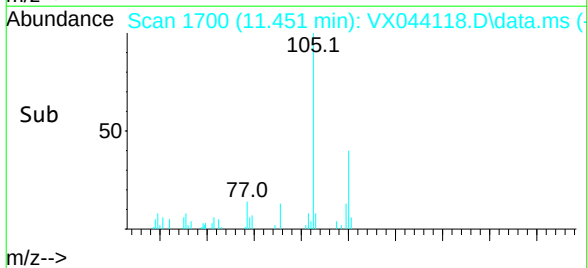
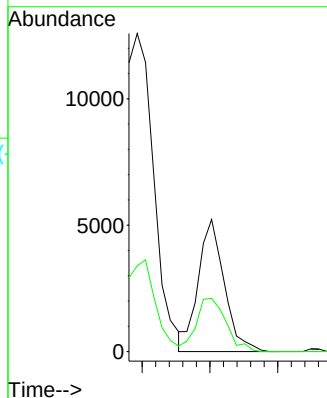
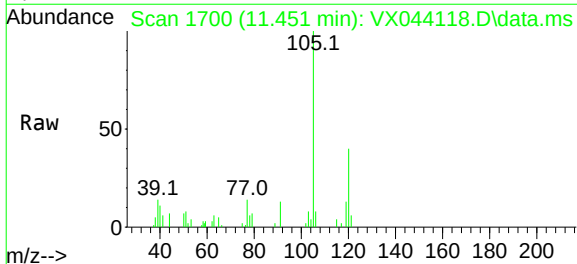
Acq: 04 Dec 2024 15:43

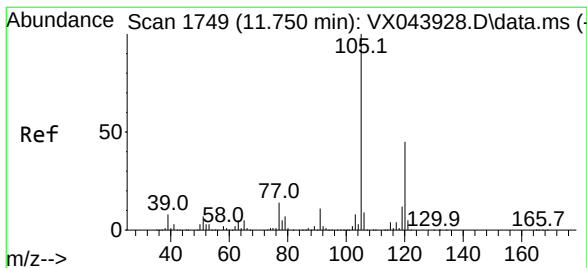
Tgt Ion:105 Resp: 6984

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 4.895 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

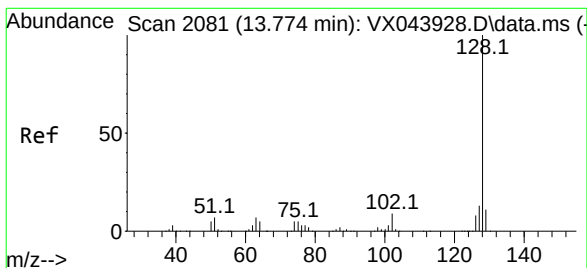
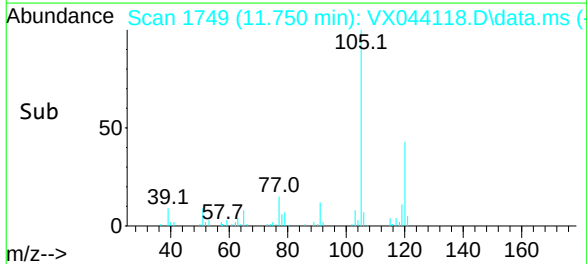
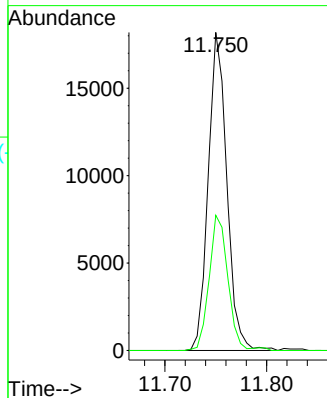
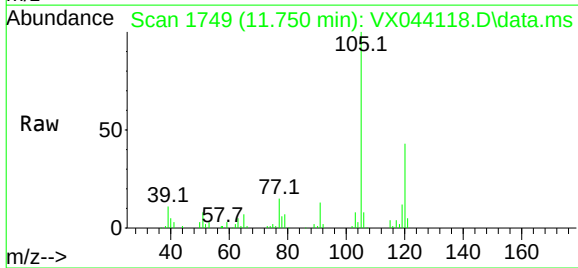
SPLP-C10-2DL

Tgt Ion:105 Resp: 23088

Ion Ratio Lower Upper

105 100

120 43.0 21.9 65.7



#95

Naphthalene

Concen: 343.935 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Tgt Ion:128 Resp: 1843051

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.6 12.8

