

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044091.D
 Acq On : 03 Dec 2024 14:33
 Operator : JC/MD
 Sample : P5006-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C5-1

Quant Time: Dec 03 23:46:30 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)

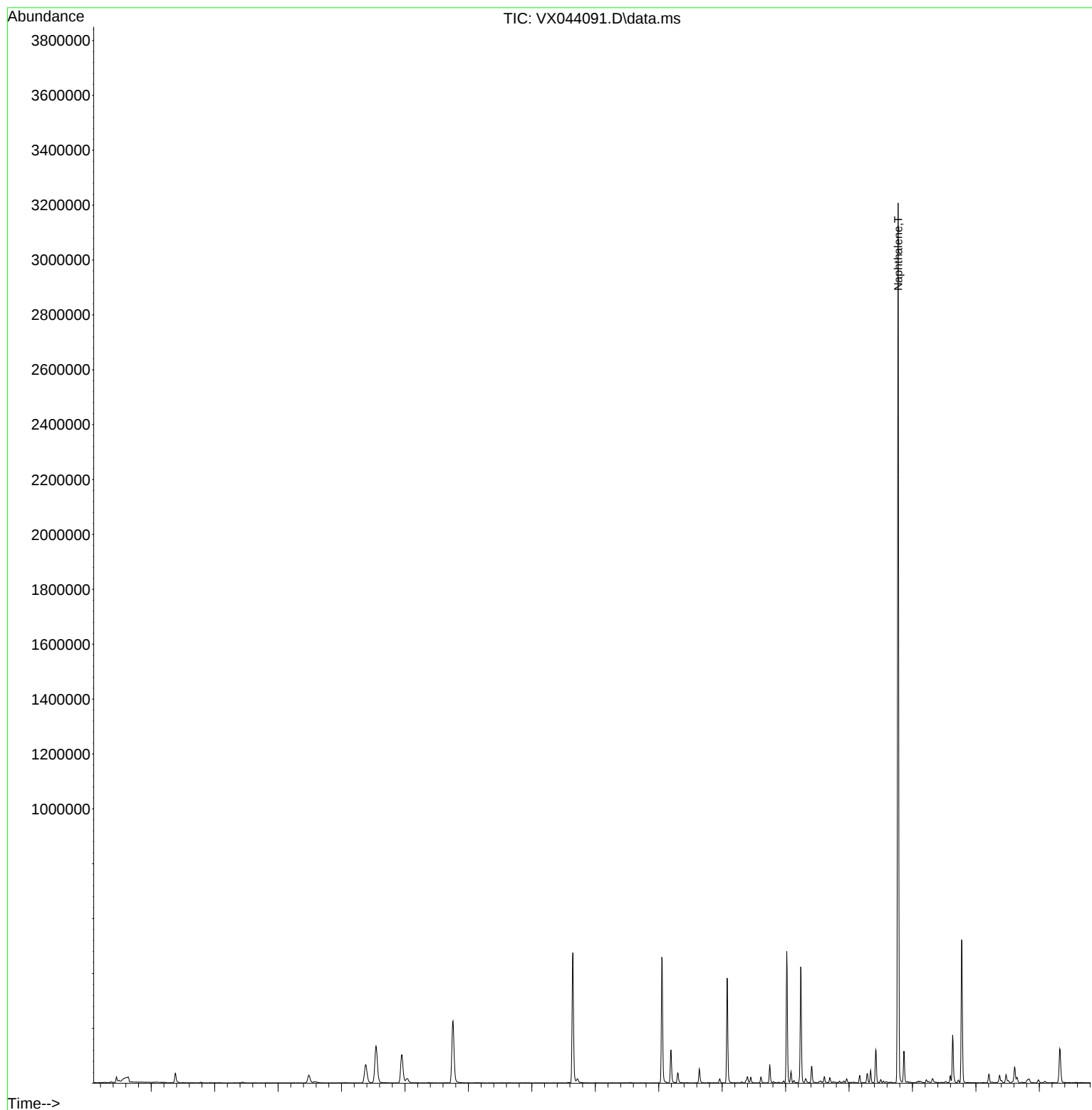
Internal Standards						
1) Pentafluorobenzene	5.544	168	114961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	195298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102210	51.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.680%			
35) Dibromofluoromethane	5.385	113	58124	35.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 71.600%#			
50) Toluene-d8	8.647	98	278574	49.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.079	95	96093	50.450	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.900%			
Target Compounds						
16) Acetone	2.380	43	38435	42.440	ug/l	97
25) 2-Butanone	4.568	43	7501	6.419	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	16406	9.704	ug/l	91
40) Benzene	6.044	78	19370	3.074	ug/l	94
52) Toluene	8.720	92	5369	1.423	ug/l	96
67) Ethyl Benzene	10.195	91	74964	10.314	ug/l	98
68) m/p-Xylenes	10.305	106	8948	3.301	ug/l	91
69) o-Xylene	10.640	106	11071	4.183	ug/l	99
73) Isopropylbenzene	10.963	105	8076	1.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	8690	1.560	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	27399	4.940	ug/l	100
95) Naphthalene	13.774	128	1735797	275.478	ug/l	99

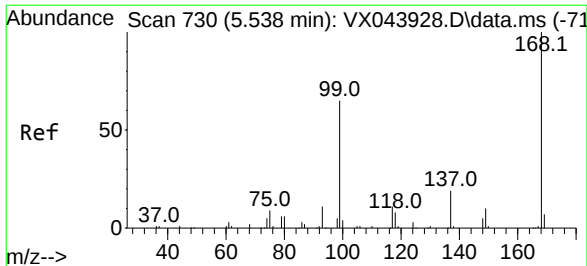
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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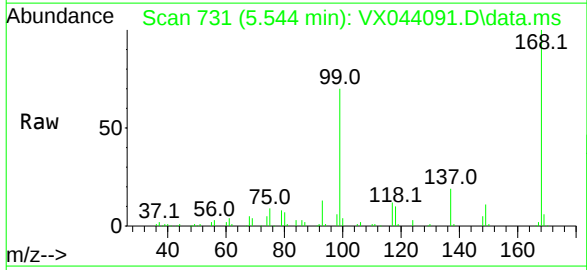
Quant Time: Dec 03 23:46:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



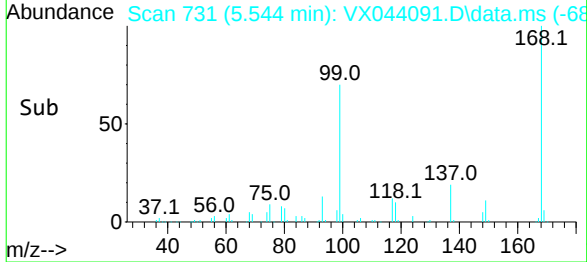
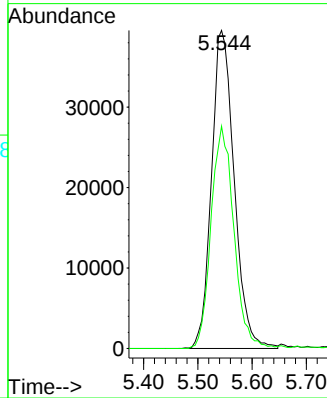


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 730
Delta R.T. 0.006 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-1

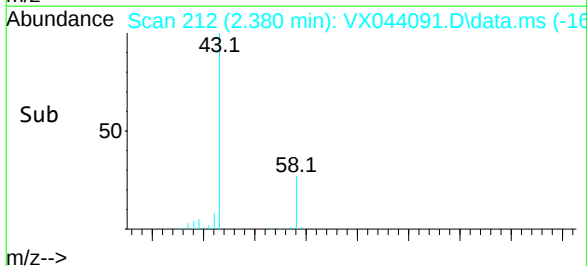
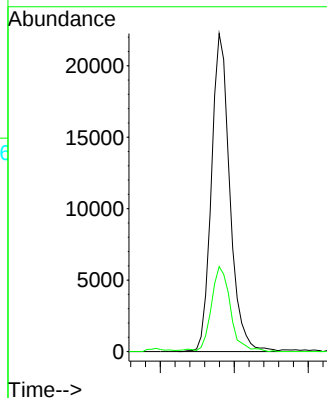
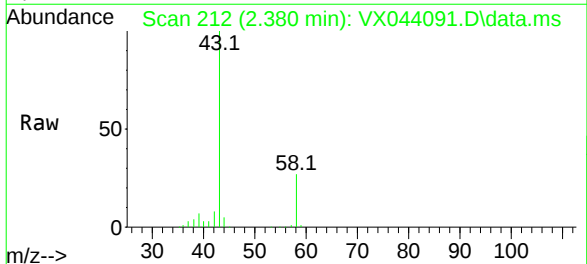


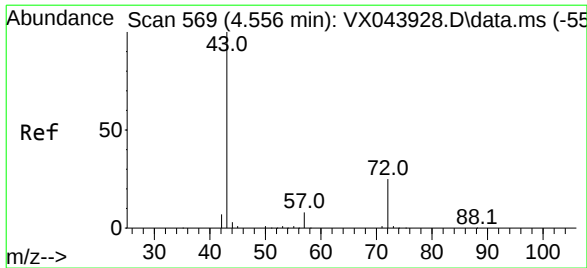
Tgt Ion:168 Resp: 114961
Ion Ratio Lower Upper
168 100
99 69.9 51.8 77.8



#16
Acetone
Concen: 42.440 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

Tgt Ion: 43 Resp: 38435
Ion Ratio Lower Upper
43 100
58 26.7 22.7 34.1





#25

2-Butanone

Concen: 6.419 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

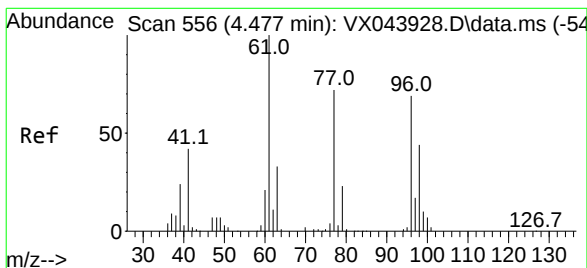
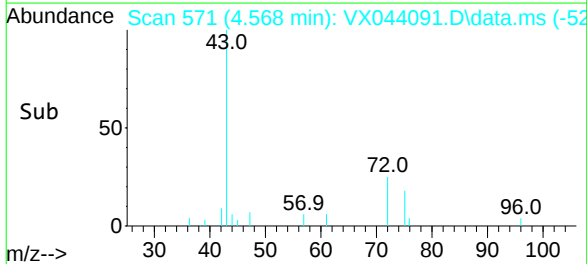
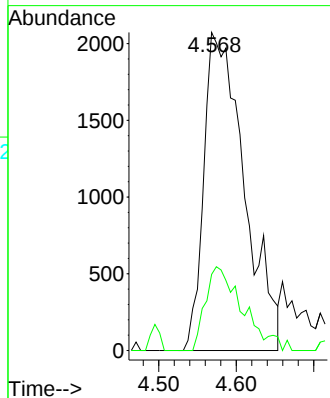
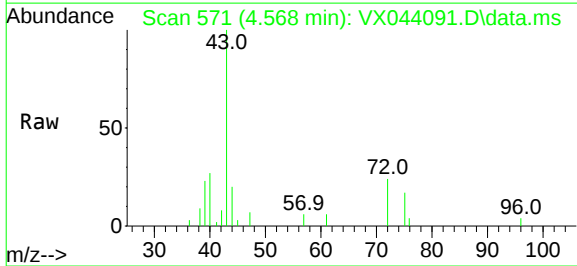
SPLP-C5-1

Tgt Ion: 43 Resp: 7501

Ion Ratio Lower Upper

43 100

72 23.9 20.2 30.2



#27

cis-1,2-Dichloroethene

Concen: 9.704 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.012 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

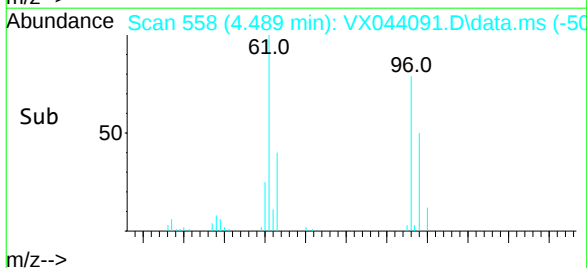
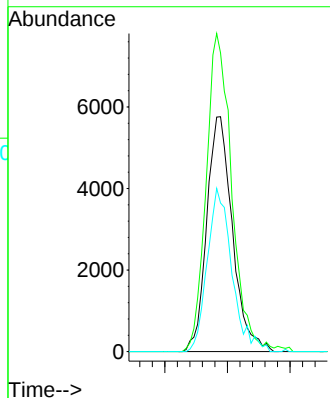
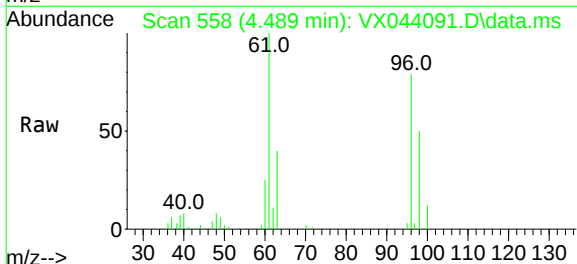
Tgt Ion: 96 Resp: 16406

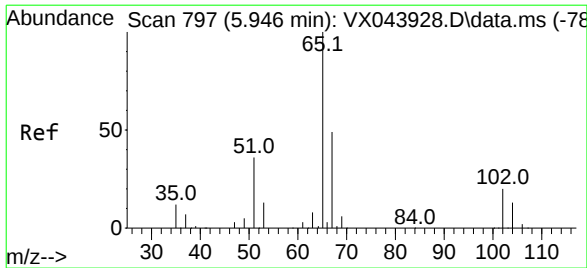
Ion Ratio Lower Upper

96 100

61 134.3 0.0 297.4

98 66.6 0.0 127.8

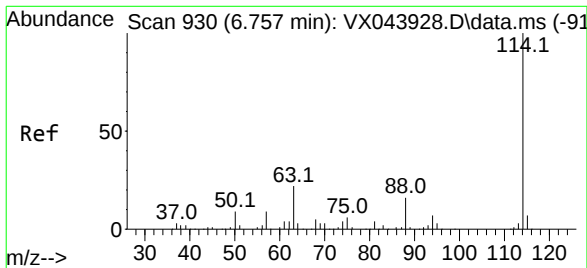
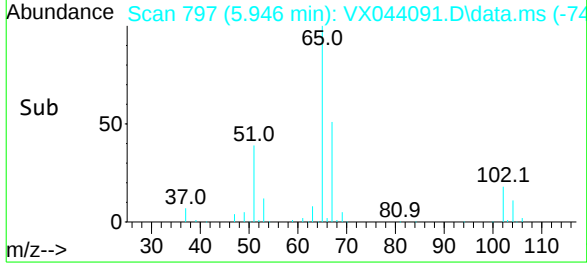
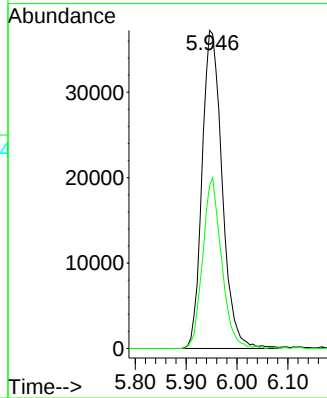
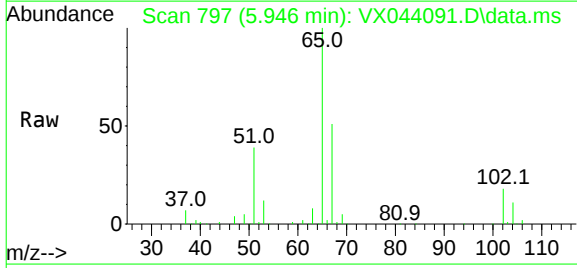




#33
1,2-Dichloroethane-d4
Concen: 51.836 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

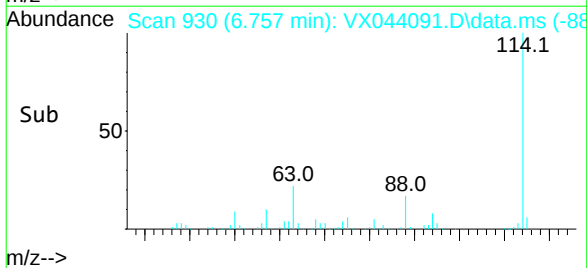
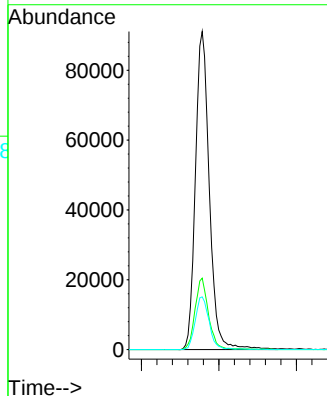
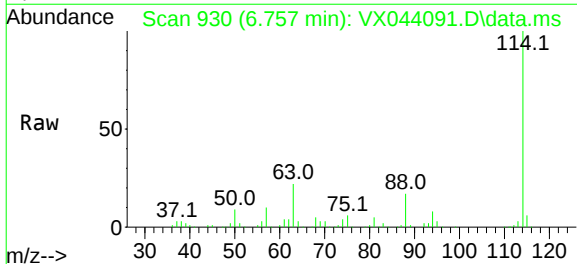
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-1

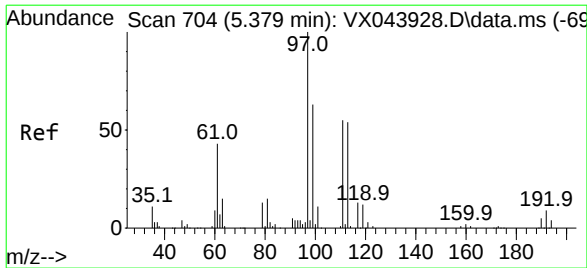
Tgt Ion: 65 Resp: 102210
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

Tgt Ion: 114 Resp: 227218
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.0
88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 35.800 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-1

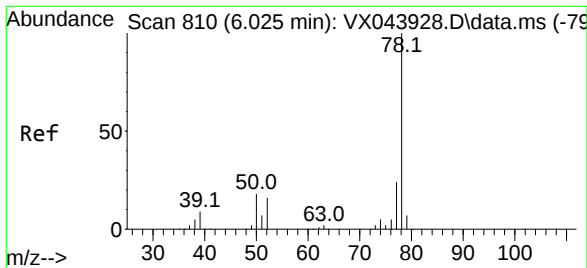
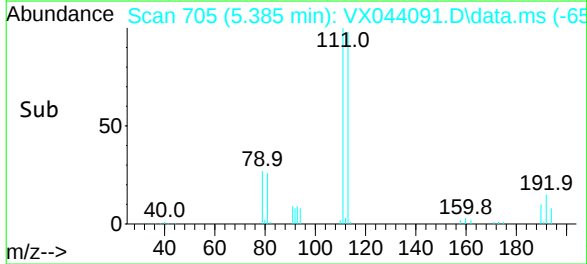
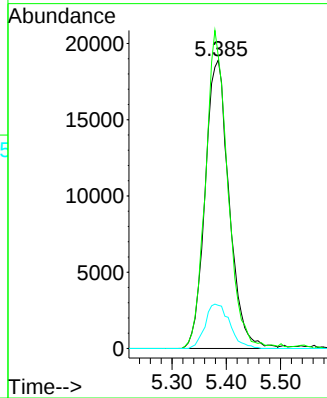
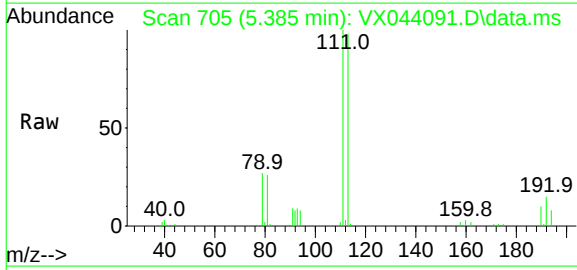
Tgt Ion:113 Resp: 58124

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.4

192 15.8 13.0 19.6



#40

Benzene

Concen: 3.074 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.018 min

Lab File: VX044091.D

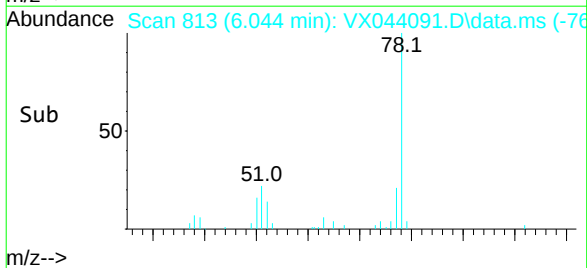
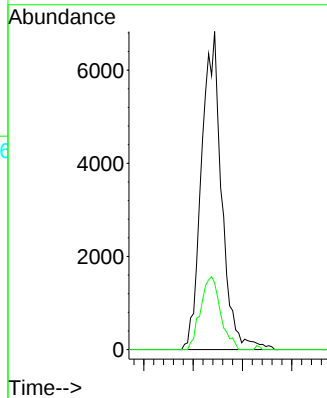
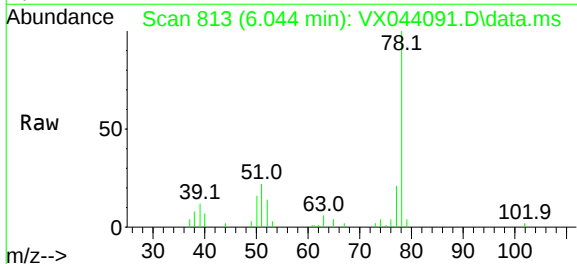
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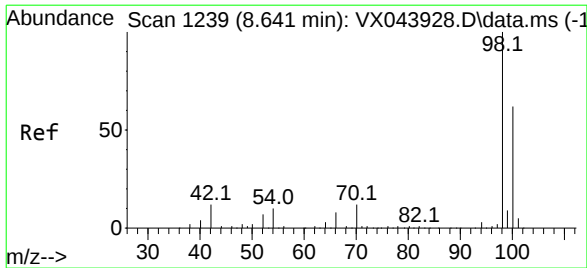
Tgt Ion: 78 Resp: 19370

Ion Ratio Lower Upper

78 100

77 21.0 19.2 28.8

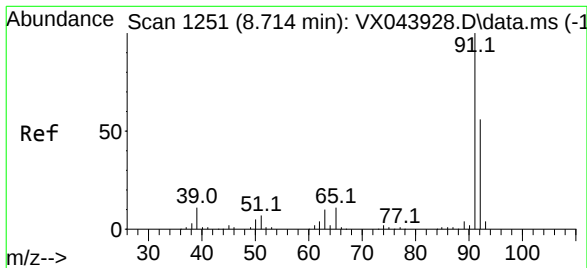
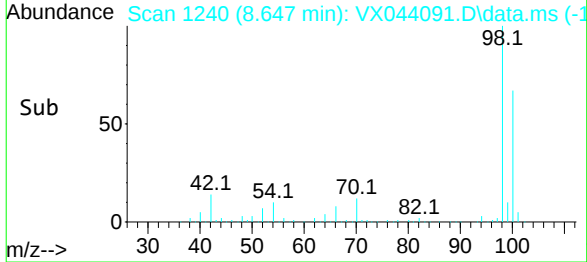
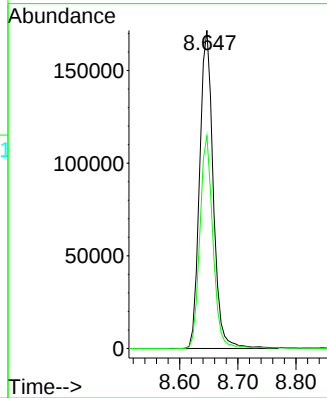
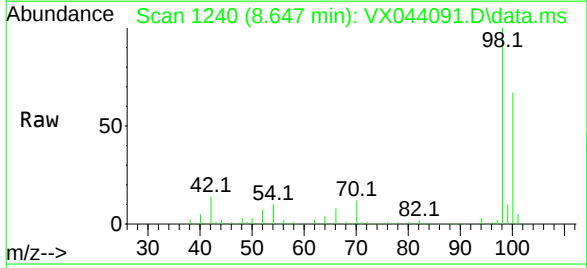




#50
Toluene-d8
Concen: 49.775 ug/l
RT: 8.647 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

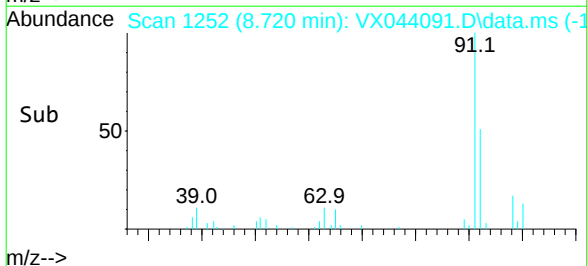
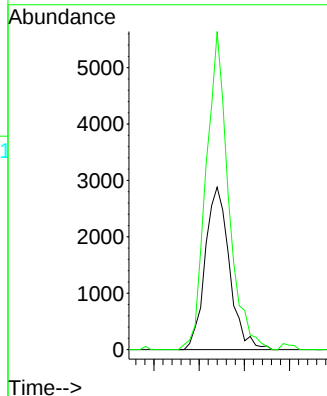
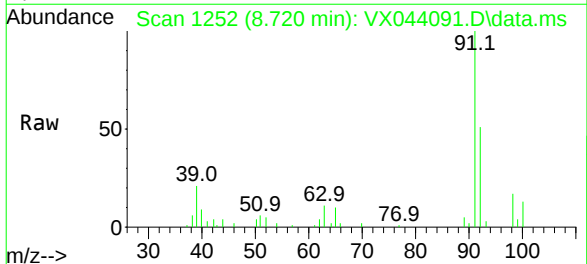
Instrument :
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ClientSampleId :
SPLP-C5-1

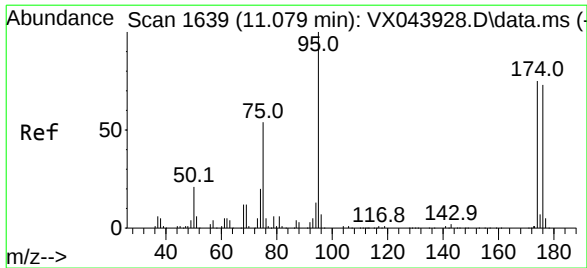
Tgt Ion: 98 Resp: 278574
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0



#52
Toluene
Concen: 1.423 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

Tgt Ion: 92 Resp: 5369
Ion Ratio Lower Upper
92 100
91 180.7 139.7 209.5

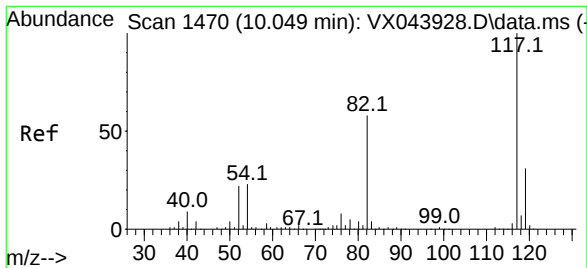
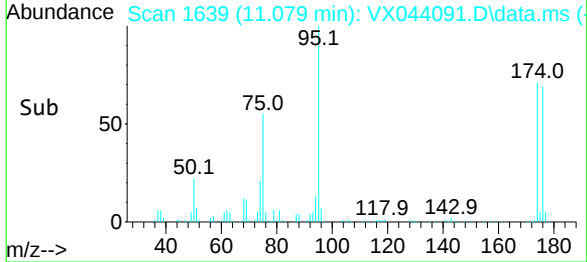
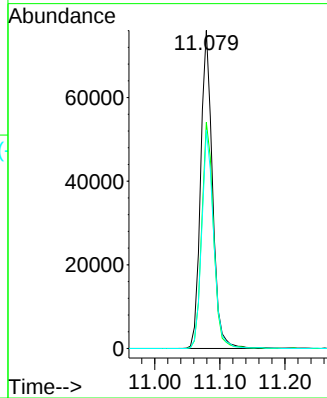
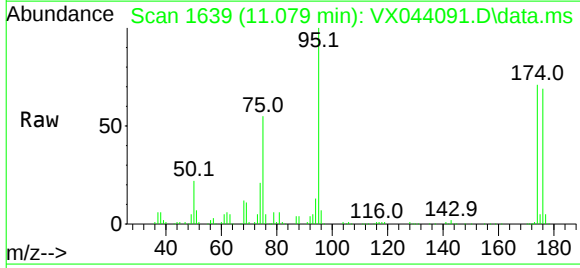




#62
4-Bromofluorobenzene
Concen: 50.450 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

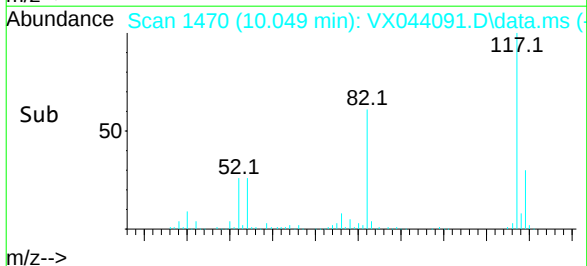
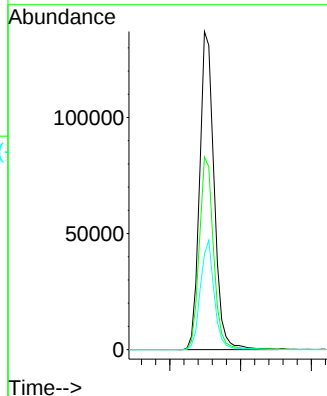
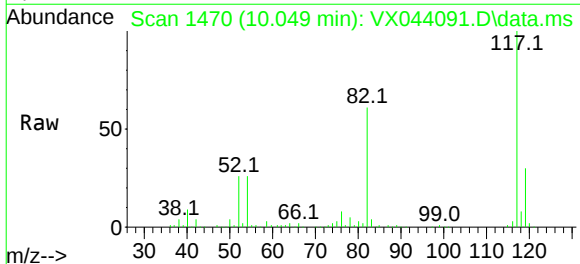
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MSVOA_X
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SPLP-C5-1

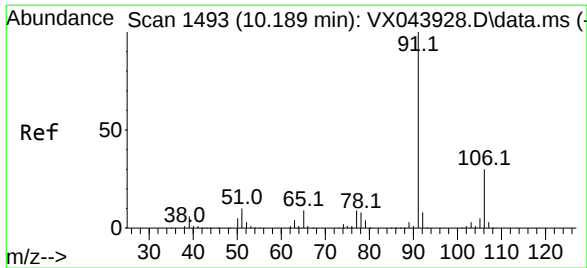
Tgt Ion:	95	Resp:	96093
Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	150.4
176	68.7	0.0	146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

Tgt Ion:	117	Resp:	195298
Ion	Ratio	Lower	Upper
117	100		
82	60.6	46.4	69.6
119	30.0	24.6	37.0





#67

Ethyl Benzene

Concen: 10.314 ug/l

RT: 10.195 min Scan# 14

Delta R.T. 0.006 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

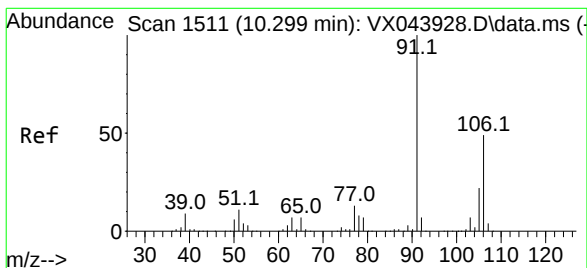
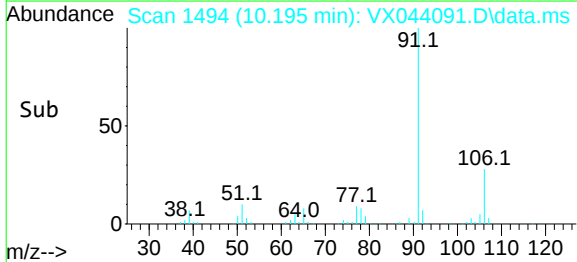
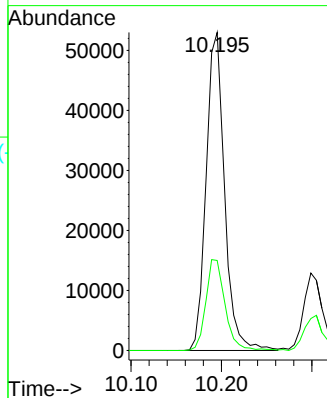
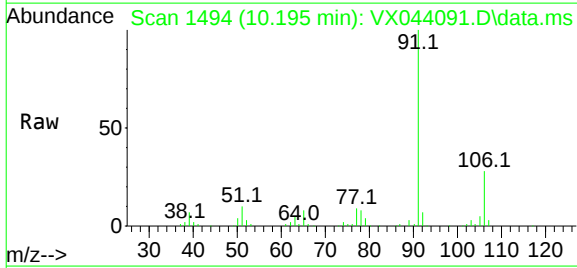
SPLP-C5-1

Tgt Ion: 91 Resp: 74964

Ion Ratio Lower Upper

91 100

106 28.3 23.6 35.4



#68

m/p-Xylenes

Concen: 3.301 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX044091.D

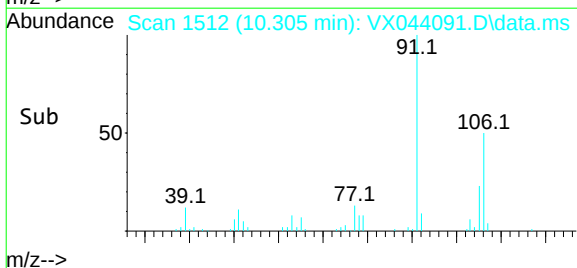
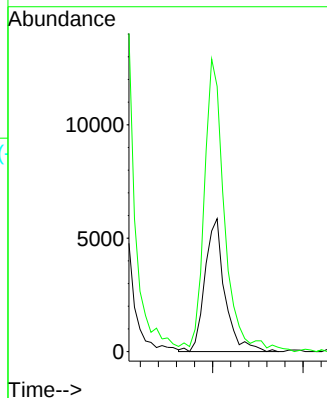
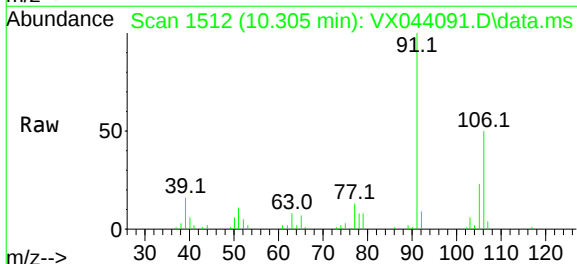
Acq: 03 Dec 2024 14:33

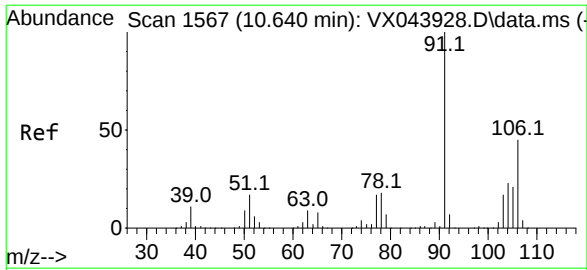
Tgt Ion:106 Resp: 8948

Ion Ratio Lower Upper

106 100

91 224.9 168.1 252.1





#69

o-Xylene

Concen: 4.183 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

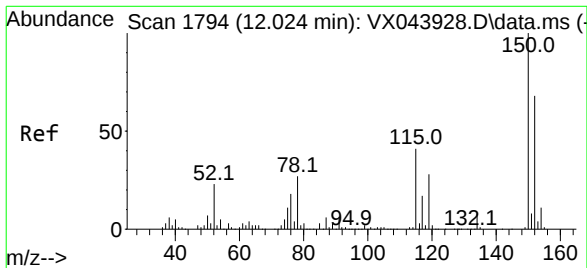
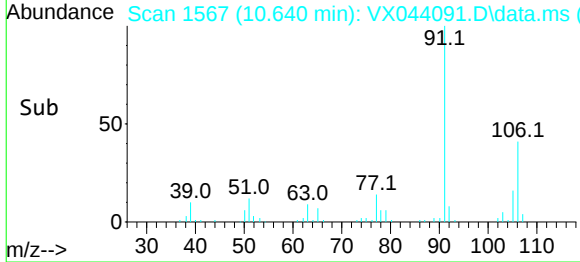
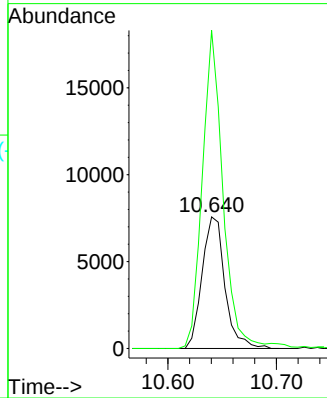
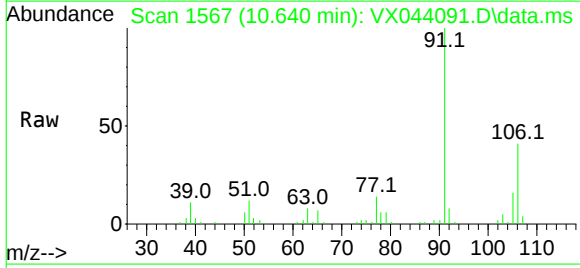
SPLP-C5-1

Tgt Ion:106 Resp: 11071

Ion Ratio Lower Upper

106 100

91 219.5 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

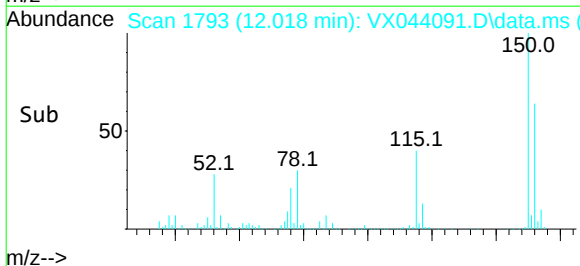
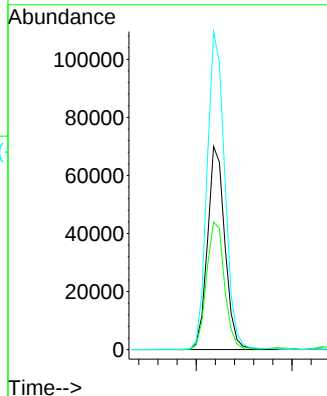
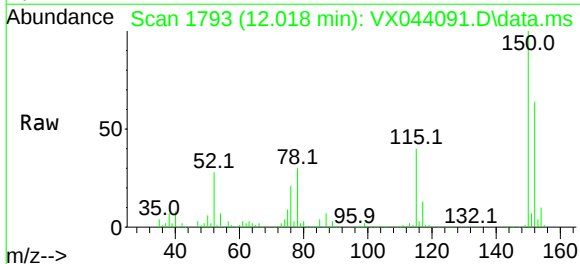
Tgt Ion:152 Resp: 88091

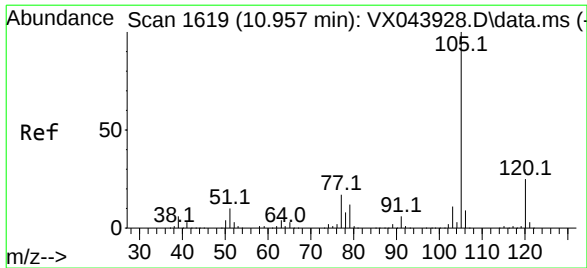
Ion Ratio Lower Upper

152 100

115 64.7 45.4 136.2

150 160.0 0.0 353.0





#73

Isopropylbenzene

Concen: 1.193 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

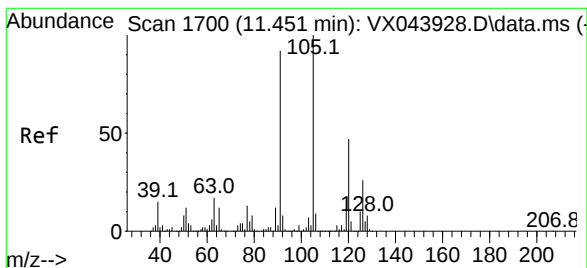
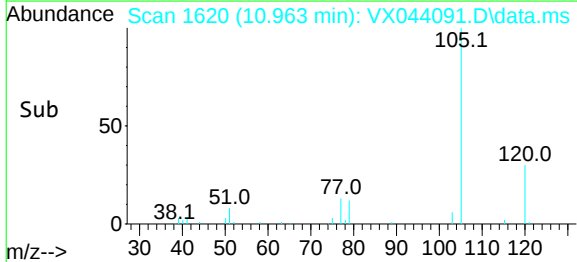
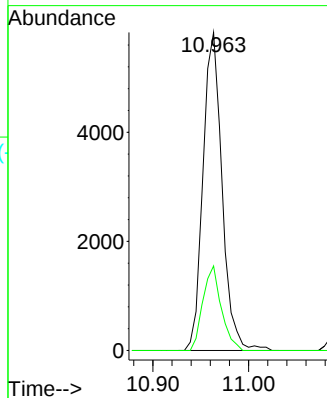
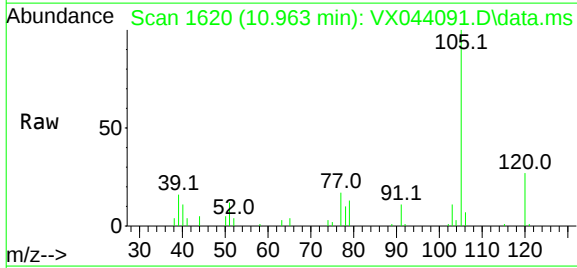
SPLP-C5-1

Tgt Ion:105 Resp: 8076

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.560 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044091.D

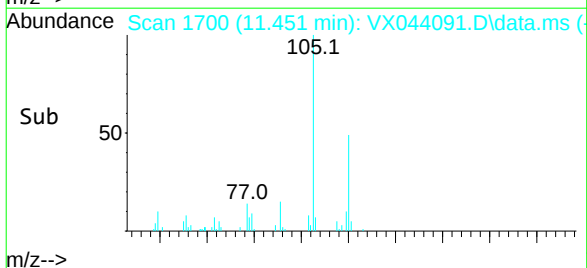
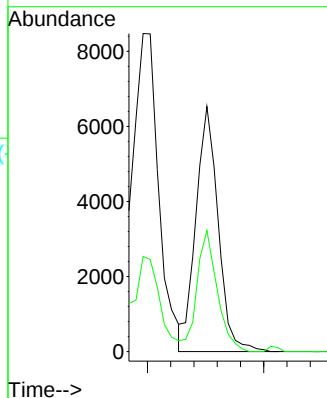
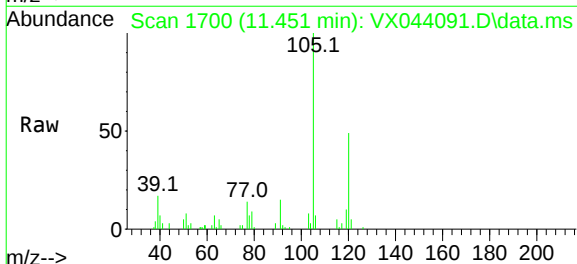
Acq: 03 Dec 2024 14:33

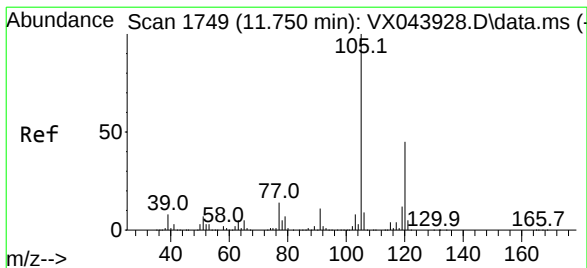
Tgt Ion:105 Resp: 8690

Ion Ratio Lower Upper

105 100

120 45.4 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 4.940 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

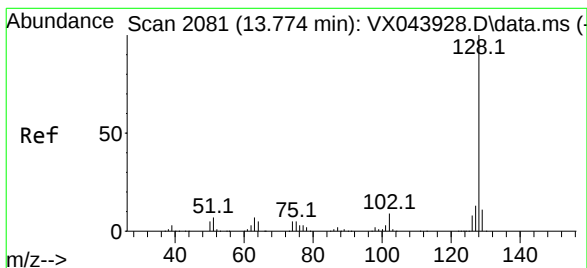
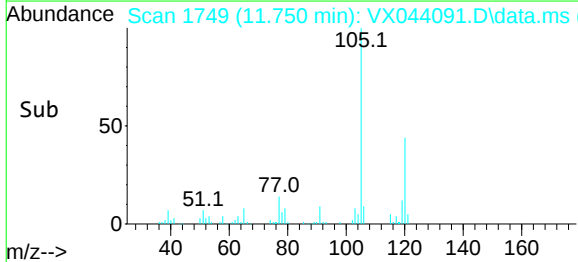
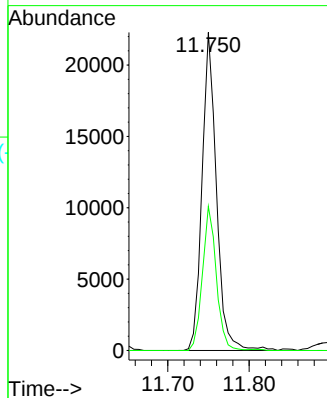
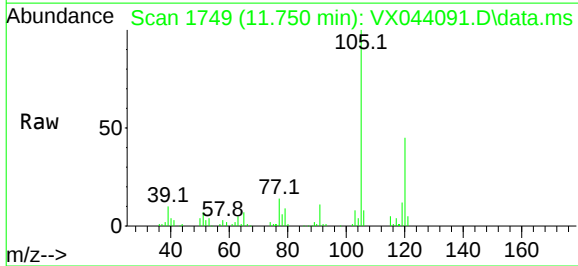
SPLP-C5-1

Tgt Ion:105 Resp: 27399

Ion Ratio Lower Upper

105 100

120 43.6 21.9 65.7



#95

Naphthalene

Concen: 275.478 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Tgt Ion:128 Resp: 1735797

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.6 12.8

