

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044073.D
 Acq On : 02 Dec 2024 17:55
 Operator : JC/MD
 Sample : P5001-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-1RE

Quant Time: Dec 03 00:26:07 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)

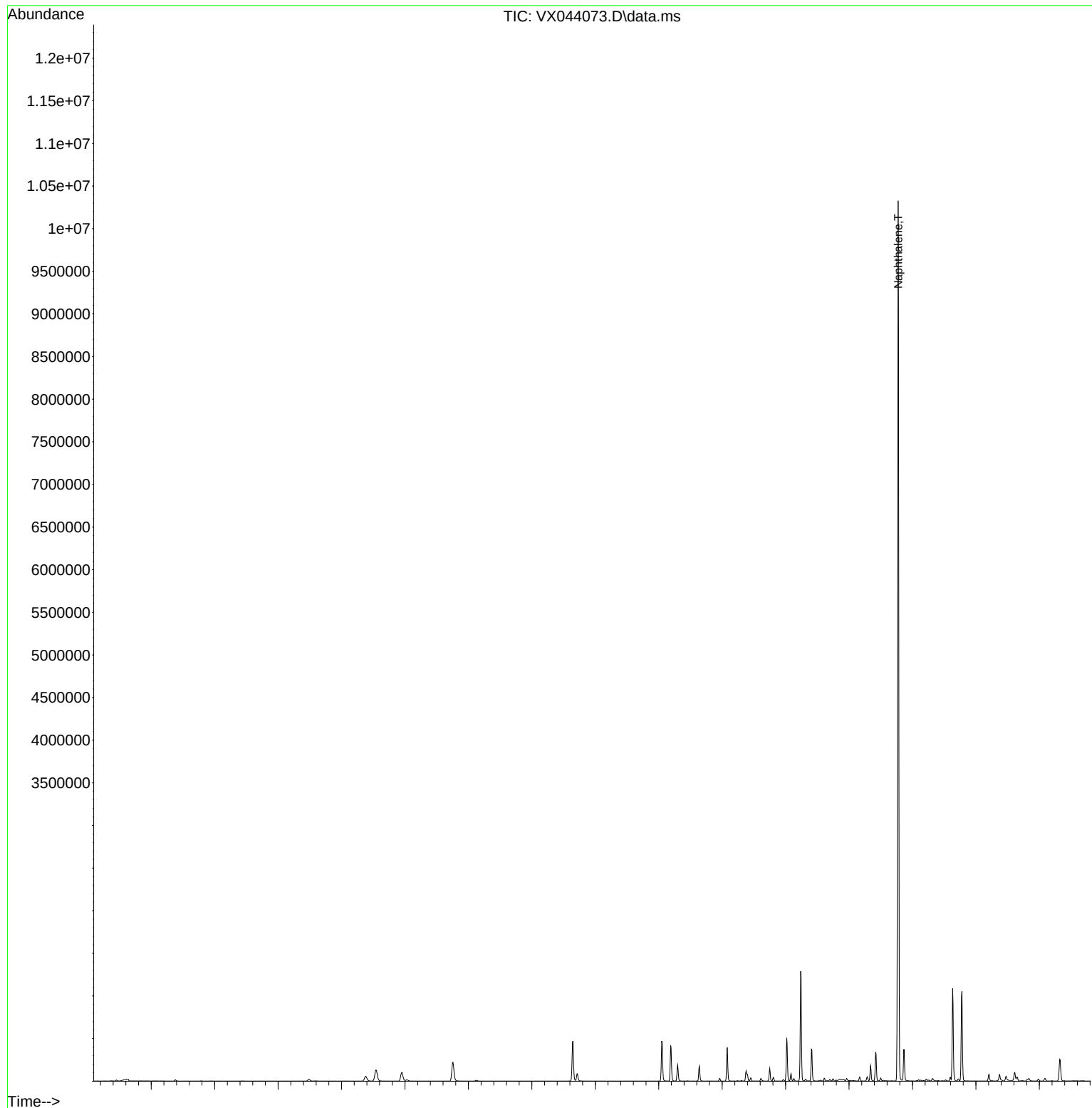
Internal Standards						
1) Pentafluorobenzene	5.550	168	113564	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	222024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99600	51.134	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.260%		
35) Dibromofluoromethane	5.379	113	48239	30.406	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 60.820%#		
50) Toluene-d8	8.647	98	273748	50.057	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.120%		
62) 4-Bromofluorobenzene	11.079	95	98038	52.676	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.360%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	17025	19.031	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	11953	7.157	ug/l	91
40) Benzene	6.038	78	16776	2.724	ug/l	92
44) Trichloroethene	7.123	130	3536	2.028	ug/l	94
52) Toluene	8.714	92	31239	8.476	ug/l	96
67) Ethyl Benzene	10.189	91	245622	33.146	ug/l	97
68) m/p-Xylenes	10.299	106	41834	15.138	ug/l	99
69) o-Xylene	10.640	106	35799	13.268	ug/l	97
73) Isopropylbenzene	10.964	105	15964	2.234	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	16130	2.744	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	62289	10.643	ug/l	96
95) Naphthalene	13.774	128	5811084	873.995	ug/l	98

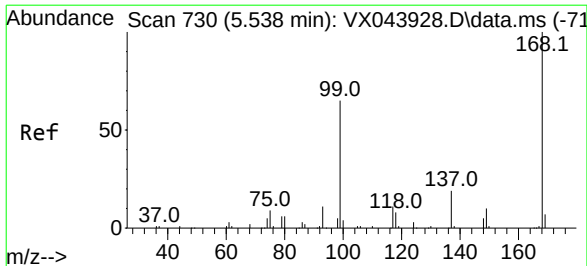
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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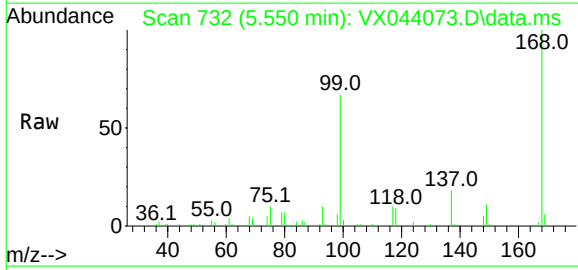
Quant Time: Dec 03 00:26:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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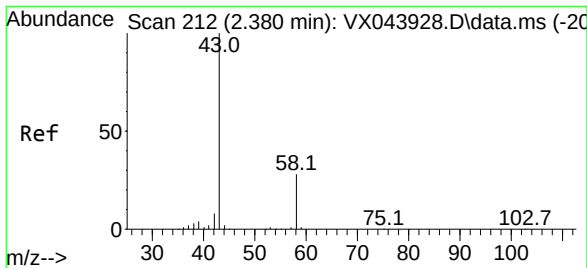
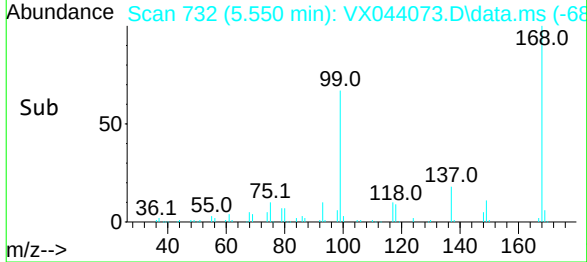
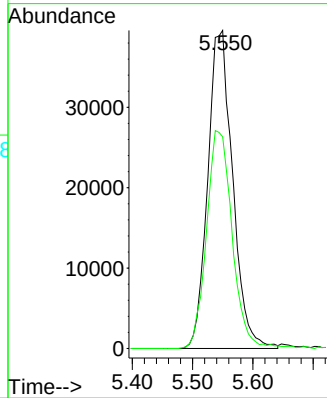


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044073.D
Acq: 02 Dec 2024 17:55

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-1RE

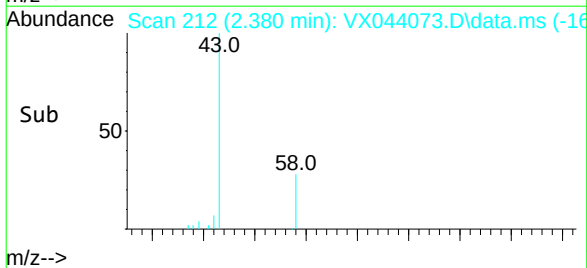
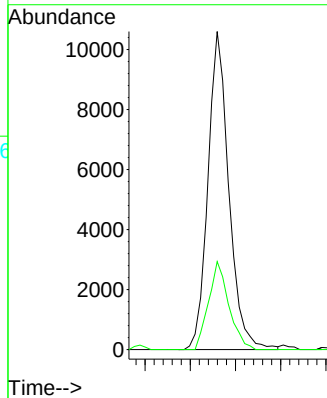
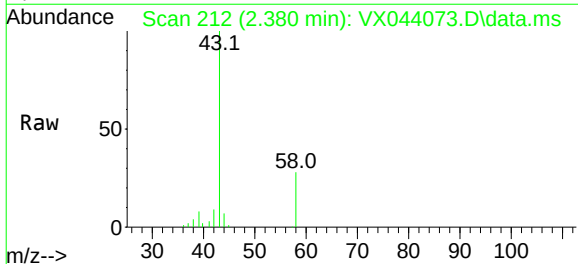


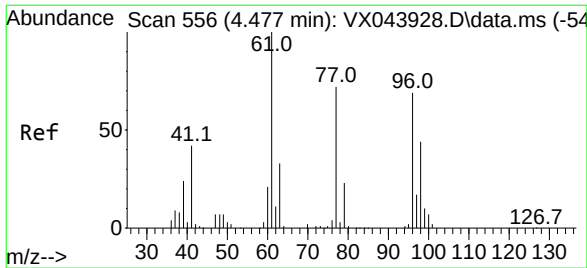
Tgt Ion:168 Resp: 113564
Ion Ratio Lower Upper
168 100
99 66.6 51.8 77.8



#16
Acetone
Concen: 19.031 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044073.D
Acq: 02 Dec 2024 17:55

Tgt Ion: 43 Resp: 17025
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1

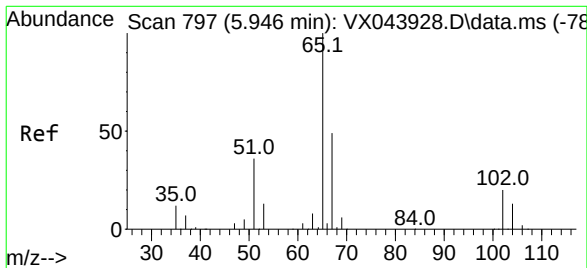
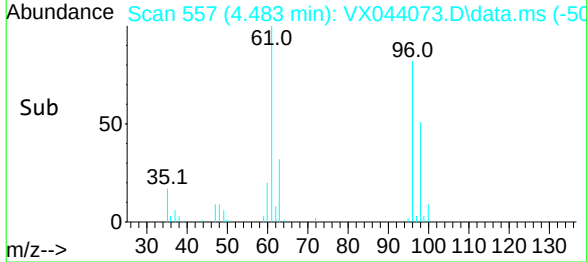
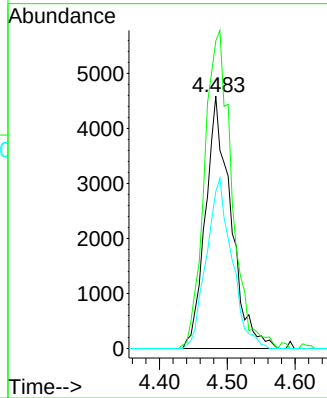
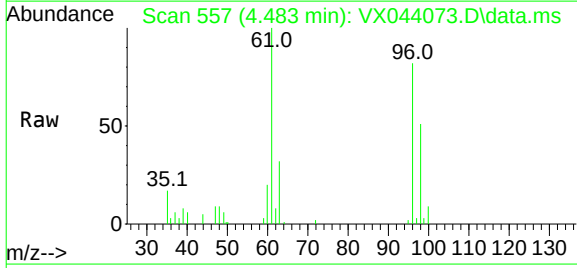




#27
 cis-1,2-Dichloroethene
 Concen: 7.157 ug/l
 RT: 4.483 min Scan# 556
 Delta R.T. 0.006 min
 Lab File: VX044073.D
 Acq: 02 Dec 2024 17:55

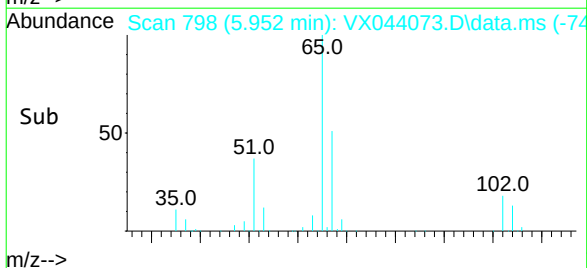
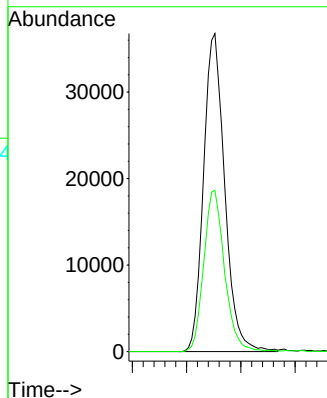
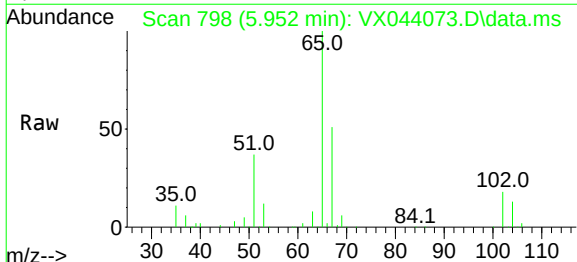
Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C3-1RE

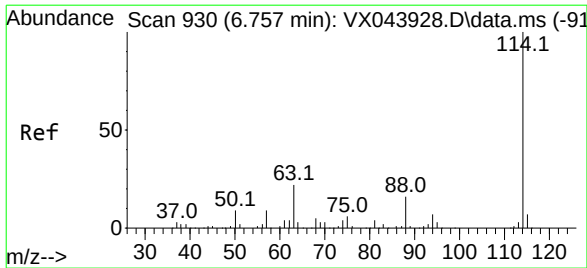
Tgt Ion: 96	Resp: 11953
Ion Ratio	Lower Upper
96 100	
61 135.6	0.0 297.4
98 67.5	0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 51.134 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX044073.D
 Acq: 02 Dec 2024 17:55

Tgt Ion: 65	Resp: 99600
Ion Ratio	Lower Upper
65 100	
67 49.7	0.0 100.8

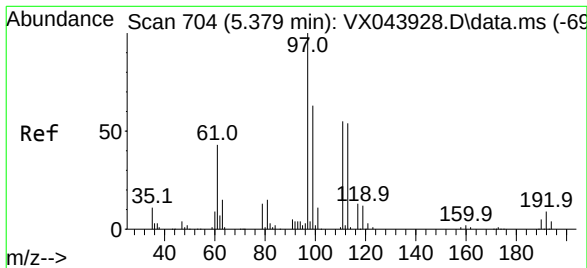
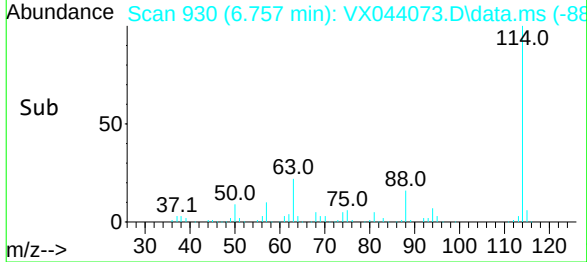
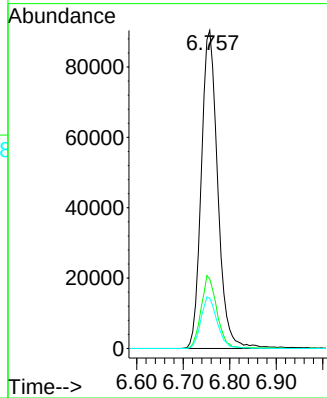
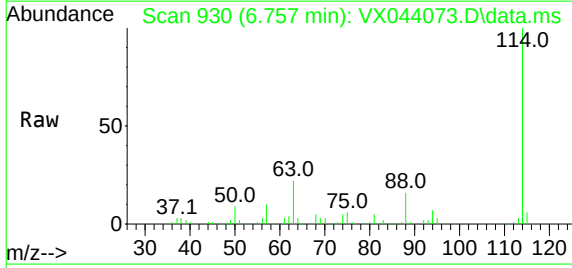




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044073.D
Acq: 02 Dec 2024 17:55

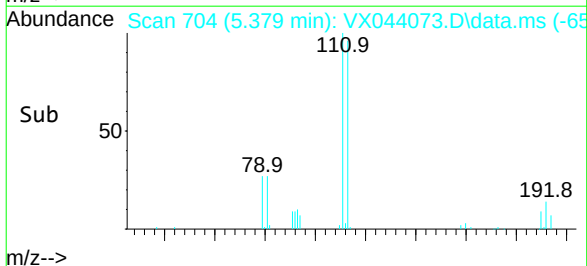
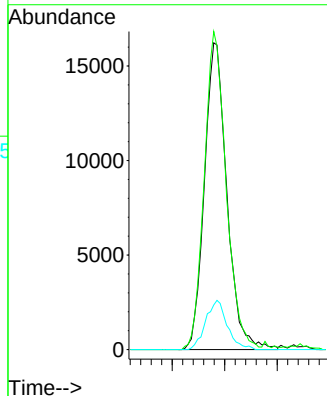
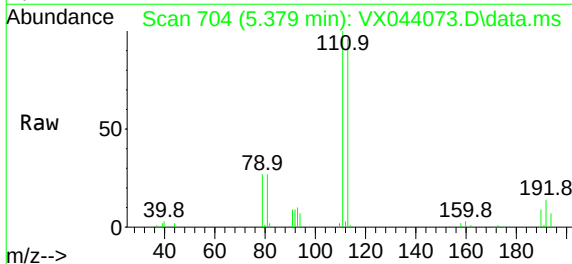
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-1RE

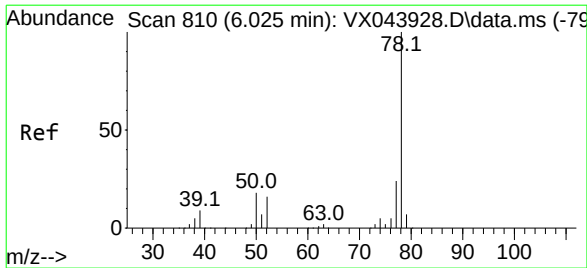
Tgt Ion:	114	Resp:	222024
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	15.8	0.0	32.4



#35
Dibromofluoromethane
Concen: 30.406 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044073.D
Acq: 02 Dec 2024 17:55

Tgt Ion:	113	Resp:	48239
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.0	121.4
192	15.4	13.0	19.6





#40

Benzene

Concen: 2.724 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

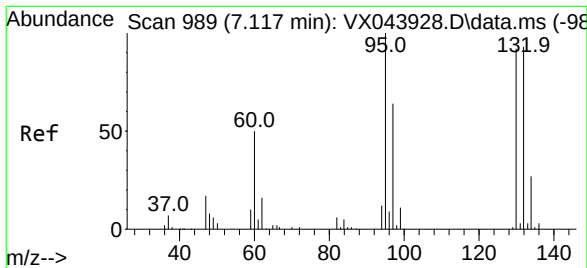
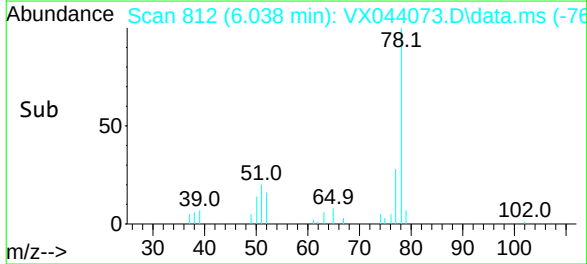
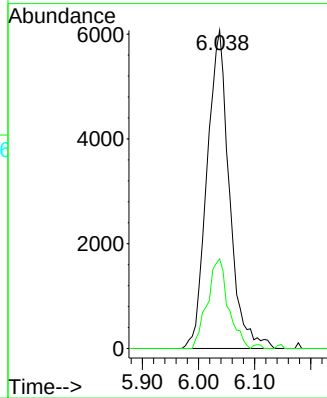
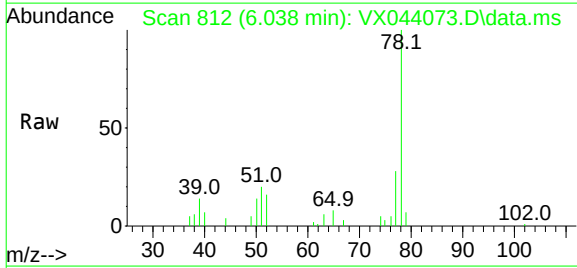
SPLP-C3-1RE

Tgt Ion: 78 Resp: 16776

Ion Ratio Lower Upper

78 100

77 28.2 19.2 28.8



#44

Trichloroethene

Concen: 2.028 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX044073.D

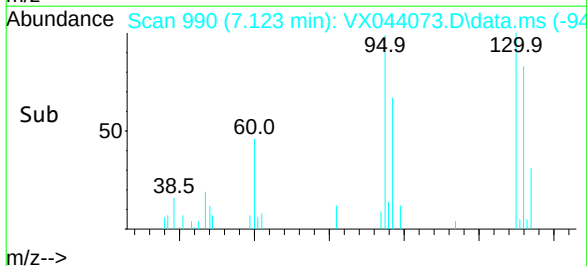
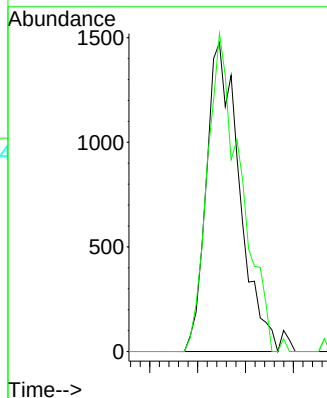
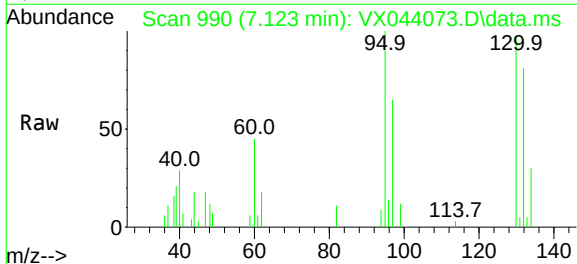
Acq: 02 Dec 2024 17:55

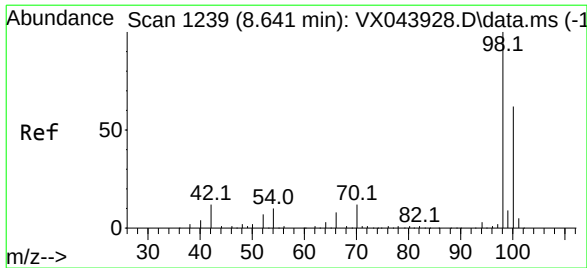
Tgt Ion:130 Resp: 3536

Ion Ratio Lower Upper

130 100

95 103.0 0.0 217.8





#50

Toluene-d8

Concen: 50.057 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

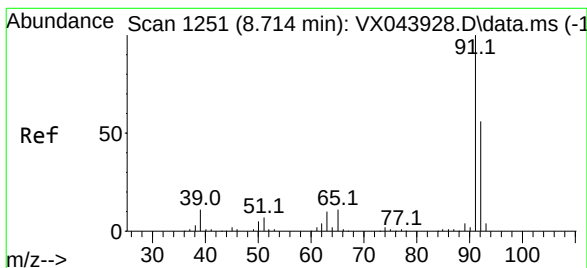
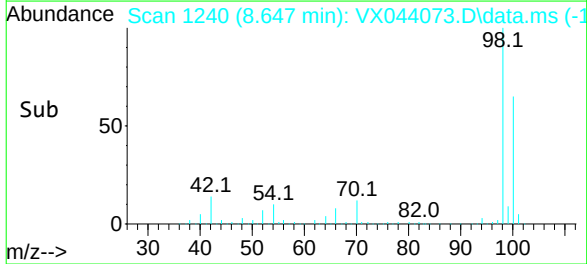
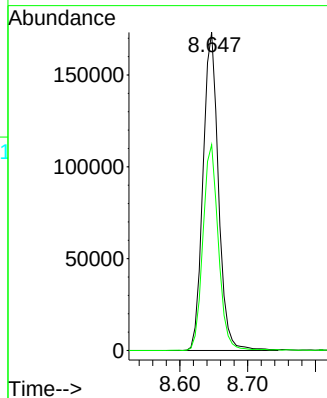
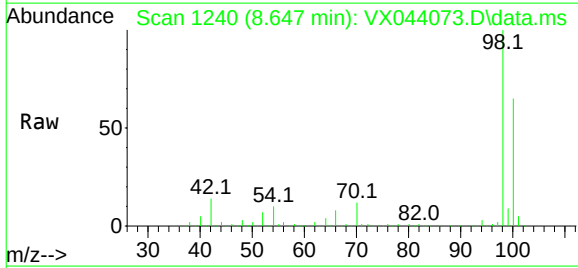
SPLP-C3-1RE

Tgt Ion: 98 Resp: 273748

Ion Ratio Lower Upper

98 100

100 64.8 52.6 79.0



#52

Toluene

Concen: 8.476 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044073.D

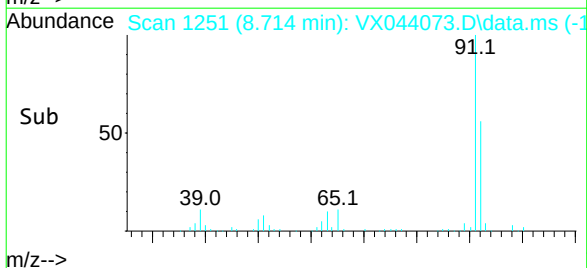
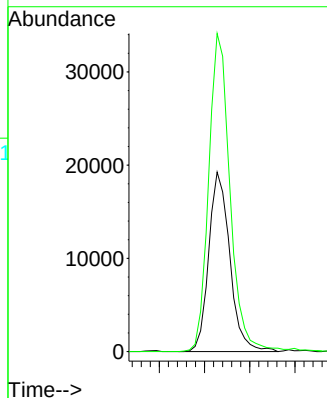
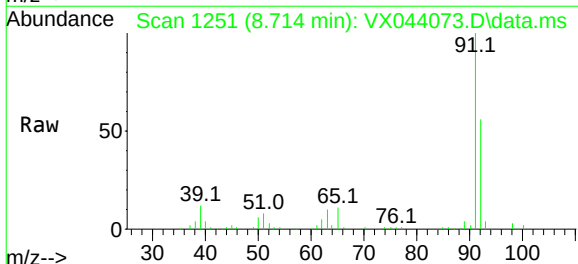
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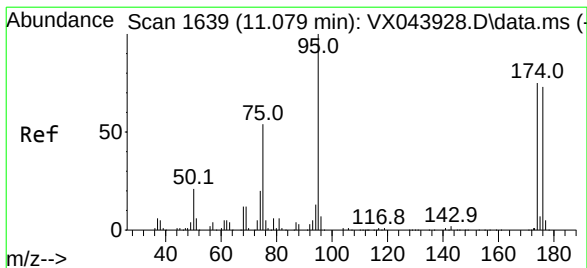
Tgt Ion: 92 Resp: 31239

Ion Ratio Lower Upper

92 100

91 180.5 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.676 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044073.D

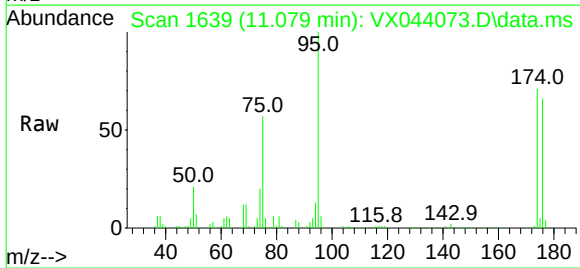
Acq: 02 Dec 2024 17:55

Instrument :

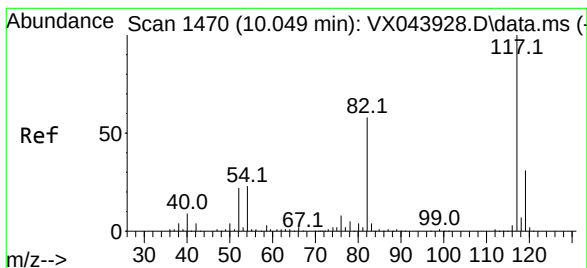
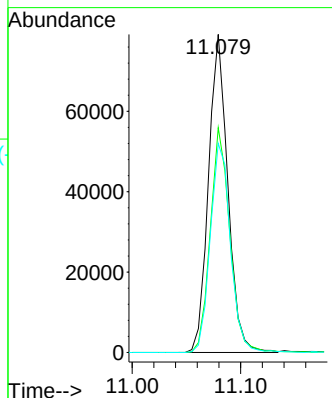
MSVOA_X

ClientSampleId :

SPLP-C3-1RE



Tgt Ion:	95	Resp:	98038
Ion Ratio	Lower	Upper	
95	100		
174	71.7	0.0	150.4
176	68.5	0.0	146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

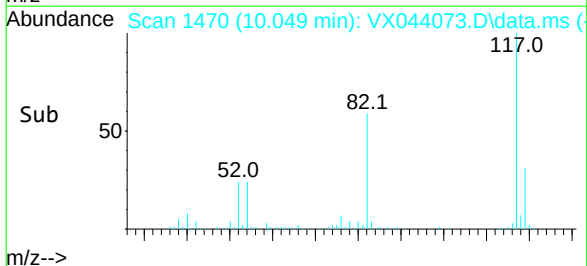
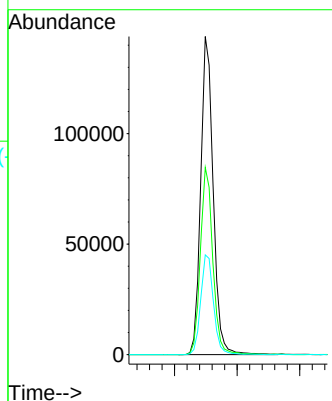
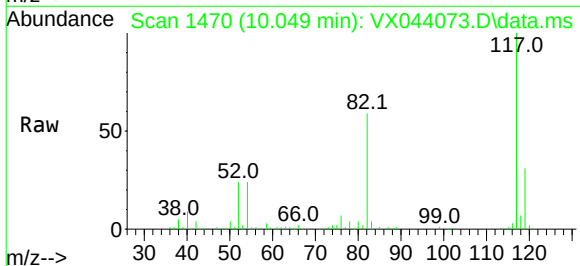
RT: 10.049 min Scan# 1470

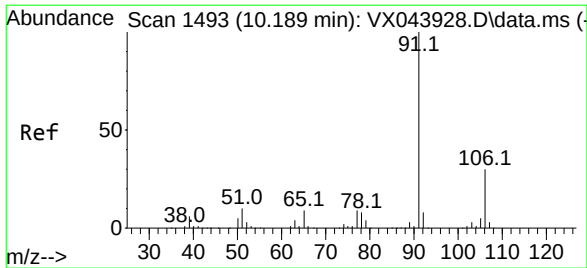
Delta R.T. -0.000 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Tgt Ion:	117	Resp:	199117
Ion Ratio	Lower	Upper	
117	100		
82	58.8	46.4	69.6
119	31.4	24.6	37.0

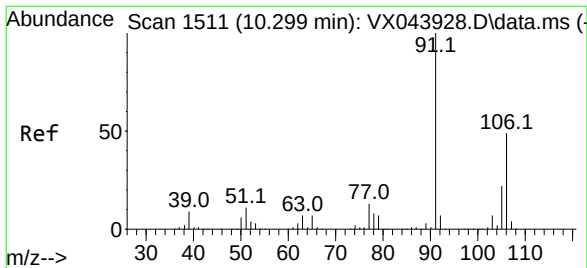
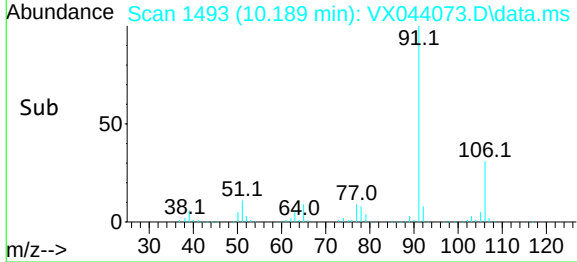
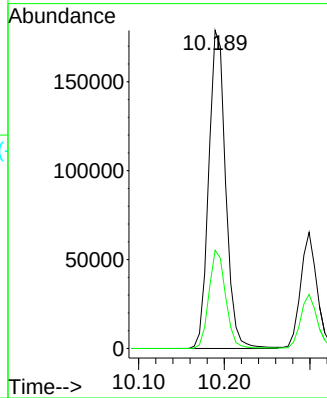
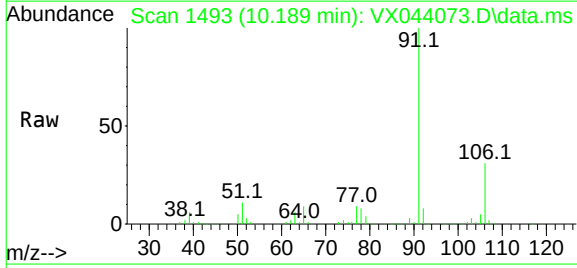




#67
Ethyl Benzene
Concen: 33.146 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044073.D
Acq: 02 Dec 2024 17:55

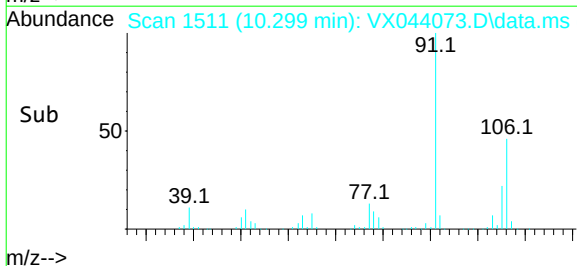
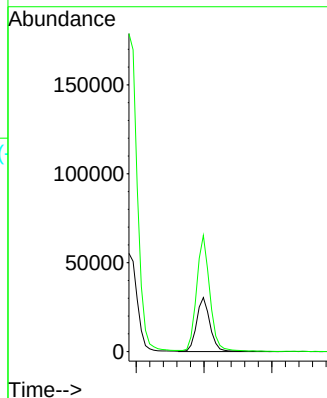
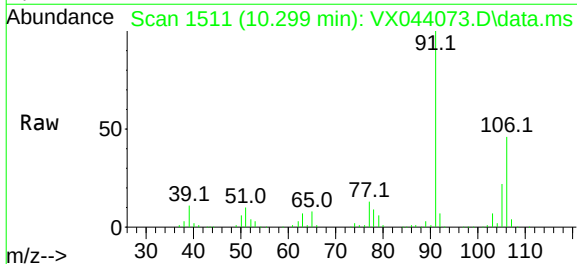
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C3-1RE

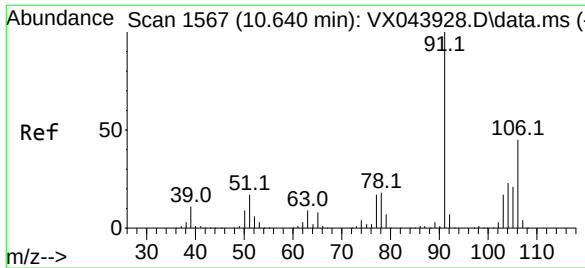
Tgt Ion: 91 Resp: 245622
Ion Ratio Lower Upper
91 100
106 30.9 23.6 35.4



#68
m/p-Xylenes
Concen: 15.138 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044073.D
Acq: 02 Dec 2024 17:55

Tgt Ion: 106 Resp: 41834
Ion Ratio Lower Upper
106 100
91 211.6 168.1 252.1





#69

o-Xylene

Concen: 13.268 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

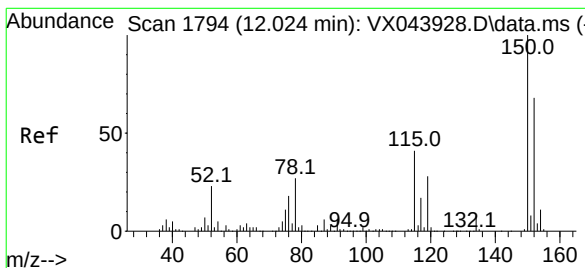
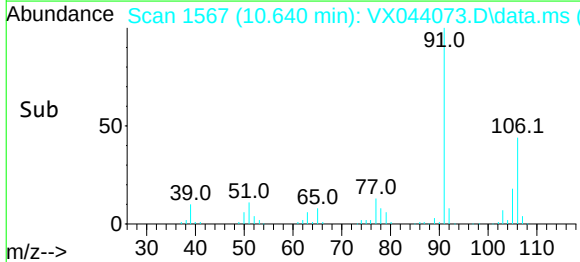
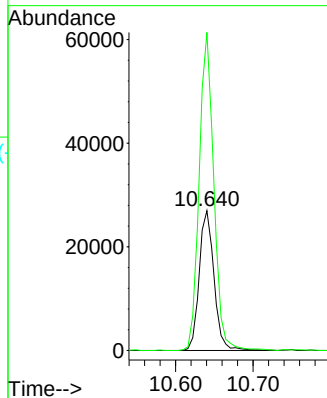
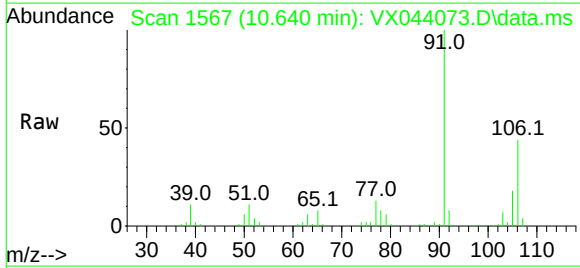
SPLP-C3-1RE

Tgt Ion:106 Resp: 35799

Ion Ratio Lower Upper

106 100

91 225.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

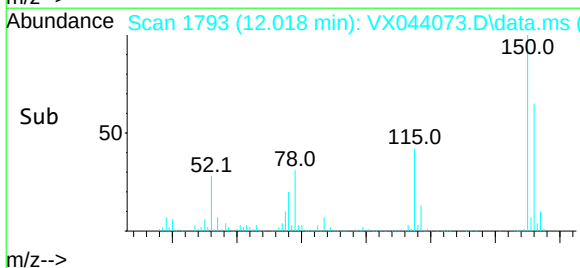
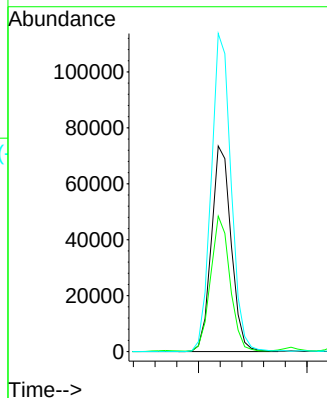
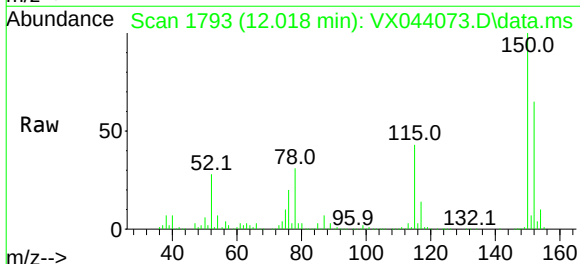
Tgt Ion:152 Resp: 92954

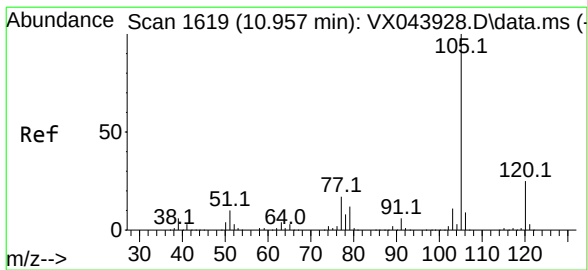
Ion Ratio Lower Upper

152 100

115 64.1 45.4 136.2

150 156.0 0.0 353.0





#73

Isopropylbenzene

Concen: 2.234 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

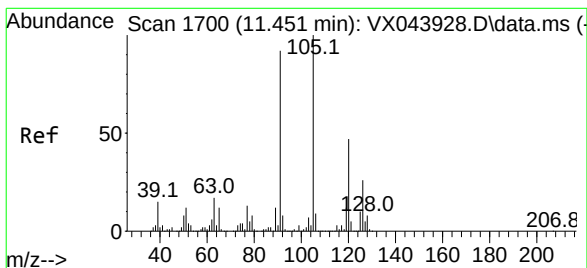
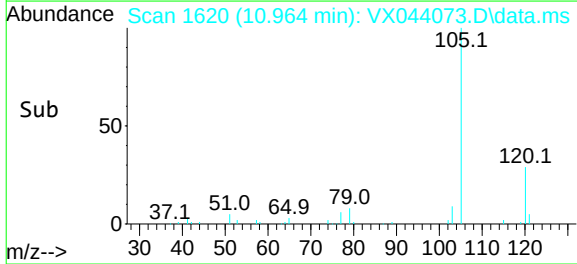
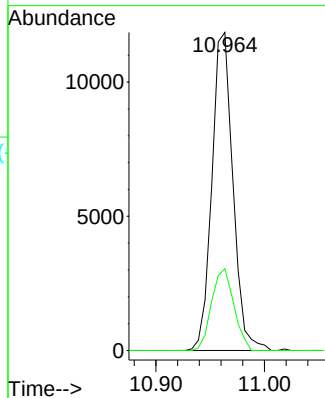
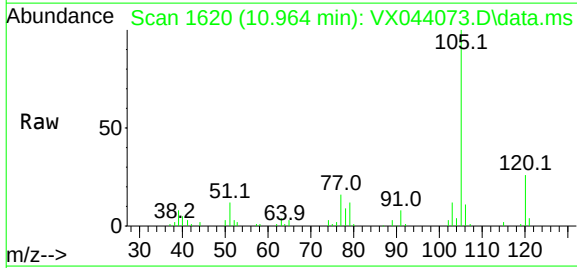
SPLP-C3-1RE

Tgt Ion:105 Resp: 15964

Ion Ratio Lower Upper

105 100

120 27.2 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 2.744 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044073.D

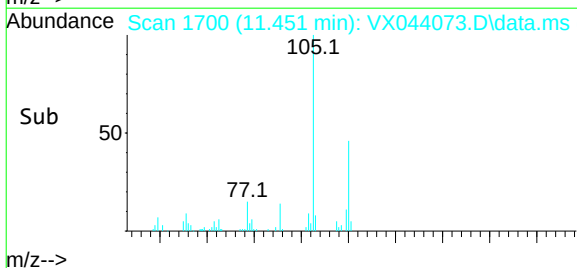
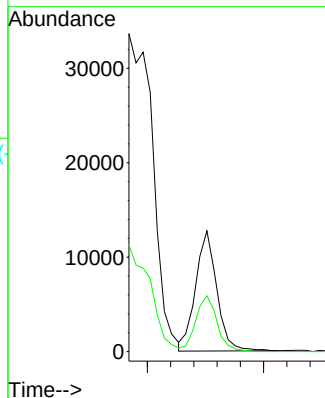
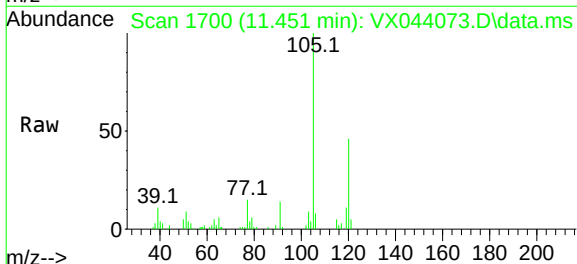
Acq: 02 Dec 2024 17:55

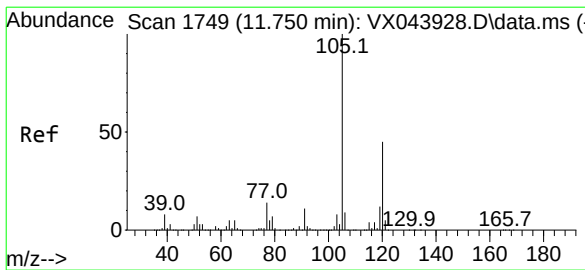
Tgt Ion:105 Resp: 16130

Ion Ratio Lower Upper

105 100

120 46.7 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 10.643 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Instrument :

MSVOA_X

ClientSampleId :

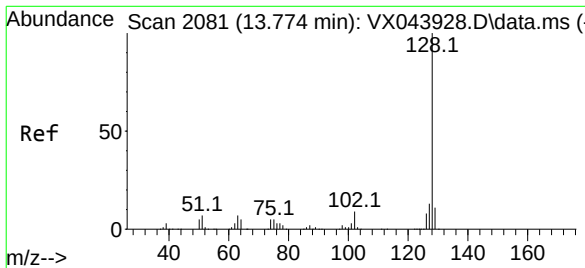
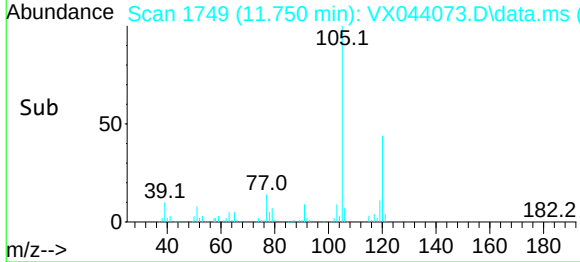
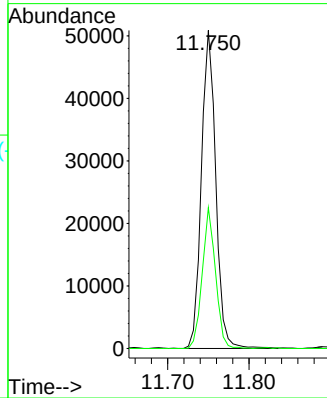
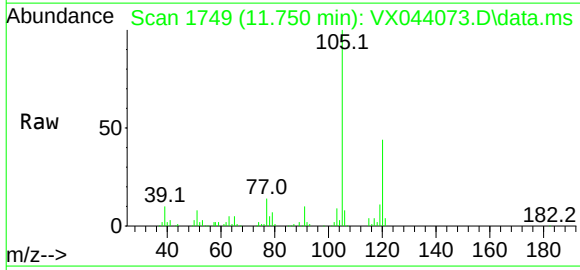
SPLP-C3-1RE

Tgt Ion:105 Resp: 62289

Ion Ratio Lower Upper

105 100

120 41.0 21.9 65.7



#95

Naphthalene

Concen: 873.995 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044073.D

Acq: 02 Dec 2024 17:55

Tgt Ion:128 Resp: 5811084

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.5 8.6 12.8

