

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044070.D
 Acq On : 02 Dec 2024 16:47
 Operator : JC/MD
 Sample : P5001-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C1-2RE

Quant Time: Dec 03 00:23:48 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)

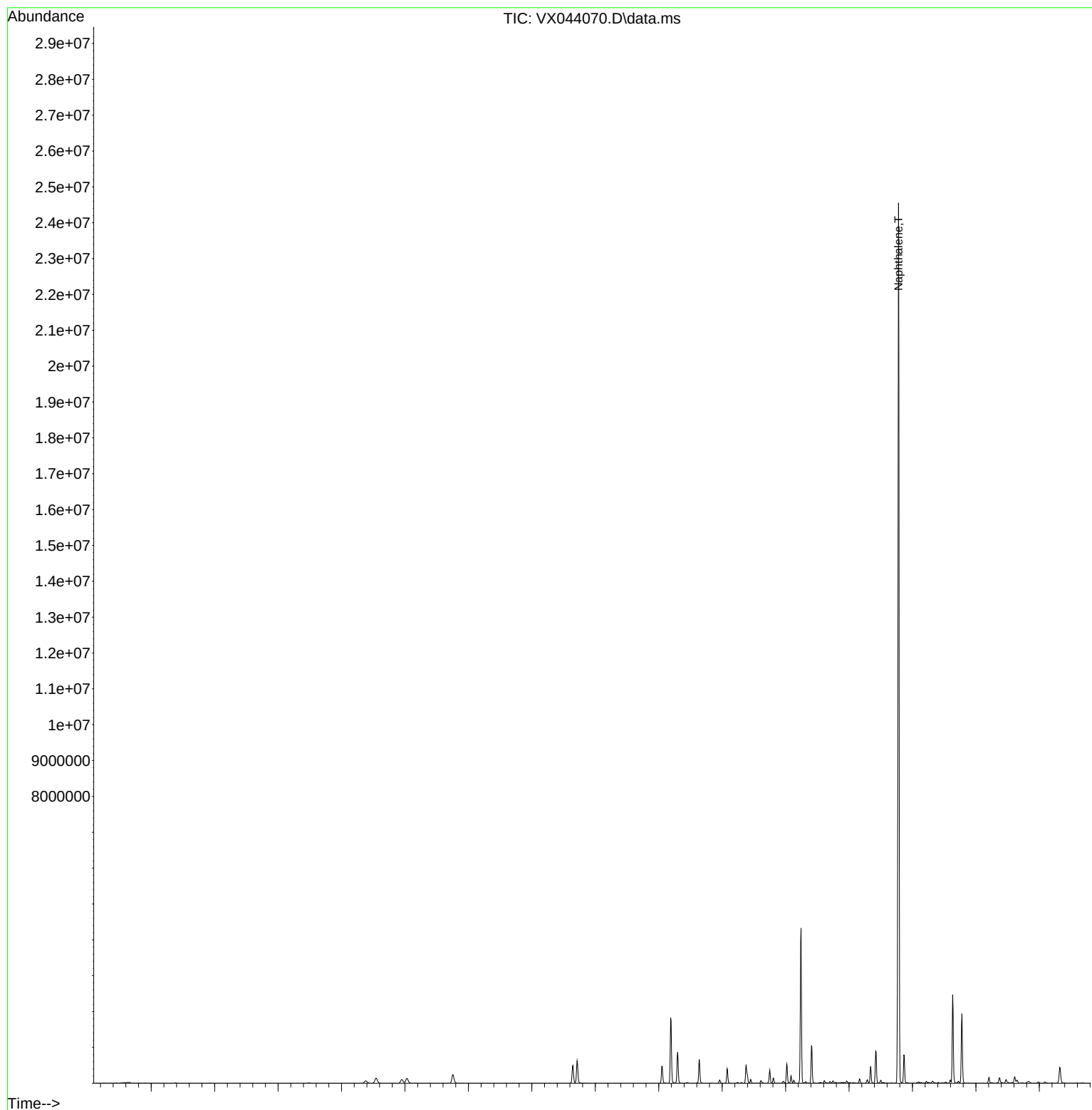
Internal Standards						
1) Pentafluorobenzene	5.543	168	119853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106814	51.960	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.920%			
35) Dibromofluoromethane	5.379	113	56815	33.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 67.480%#			
50) Toluene-d8	8.646	98	292627	50.411	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.820%			
62) 4-Bromofluorobenzene	11.079	95	102008	51.635	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.280%			
Target Compounds						
16) Acetone	2.385	43	9603	10.171	ug/l #	89
27) cis-1,2-Dichloroethene	4.489	96	4916	2.789	ug/l	89
40) Benzene	6.031	78	158872	24.305	ug/l	98
52) Toluene	8.713	92	225458	57.628	ug/l	100
67) Ethyl Benzene	10.189	91	1061982	134.436	ug/l	99
68) m/p-Xylenes	10.299	106	189863	64.450	ug/l	98
69) o-Xylene	10.640	106	130517	45.377	ug/l	95
73) Isopropylbenzene	10.963	105	46835	6.309	ug/l	98
78) n-propylbenzene	11.304	91	10194	1.230	ug/l #	53
80) 1,3,5-Trimethylbenzene	11.451	105	42016	6.879	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	155368	25.552	ug/l	98
95) Naphthalene	13.780	128	12096197	1751.089	ug/l #	91

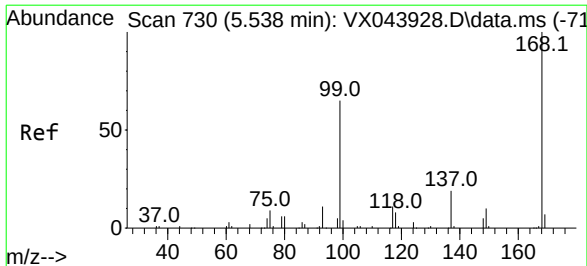
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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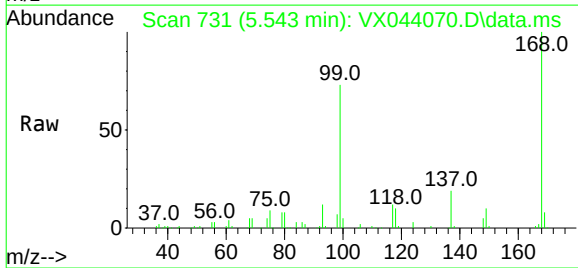
Quant Time: Dec 03 00:23:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



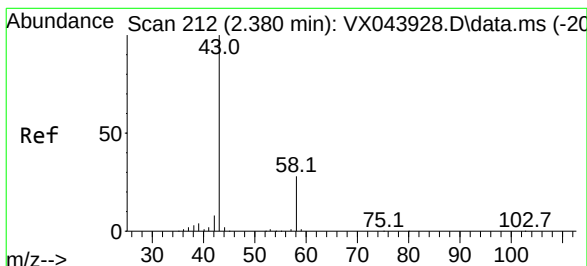
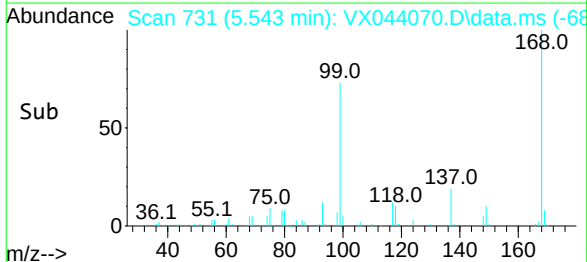
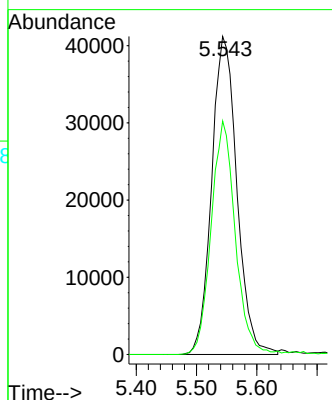


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 730
Delta R.T. 0.005 min
Lab File: VX044070.D
Acq: 02 Dec 2024 16:47

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2RE

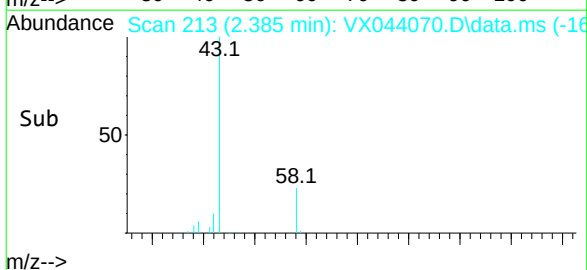
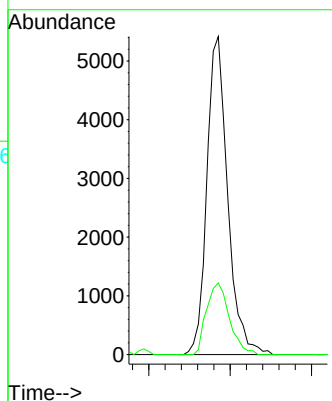
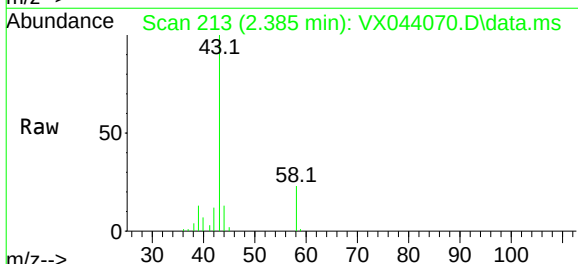


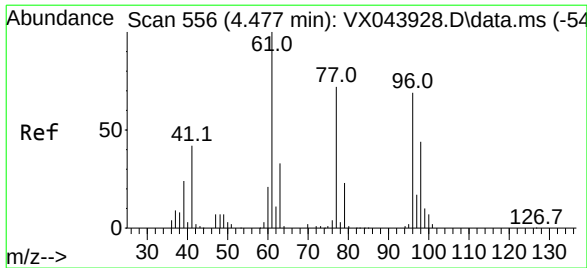
Tgt Ion:168 Resp: 119853
Ion Ratio Lower Upper
168 100
99 73.4 51.8 77.8



#16
Acetone
Concen: 10.171 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044070.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 43 Resp: 9603
Ion Ratio Lower Upper
43 100
58 22.5 22.7 34.1#

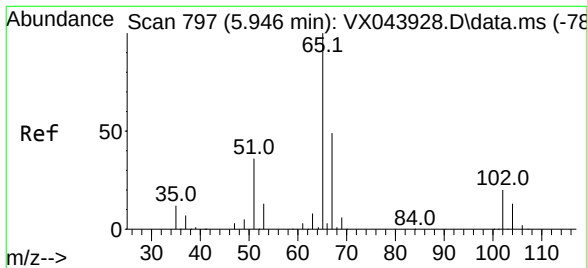
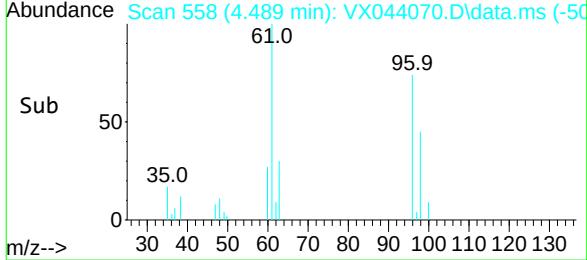
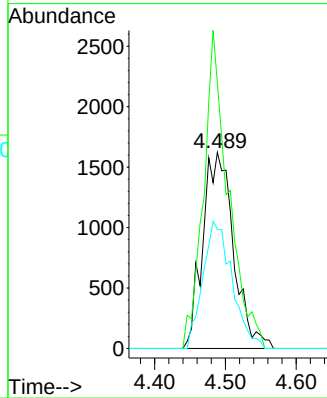
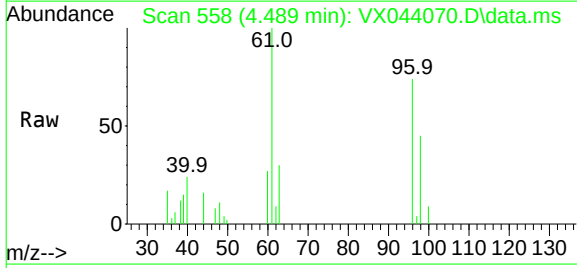




#27
cis-1,2-Dichloroethene
Concen: 2.789 ug/l
RT: 4.489 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX044070.D
Acq: 02 Dec 2024 16:47

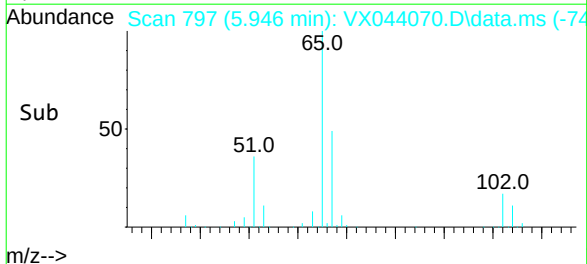
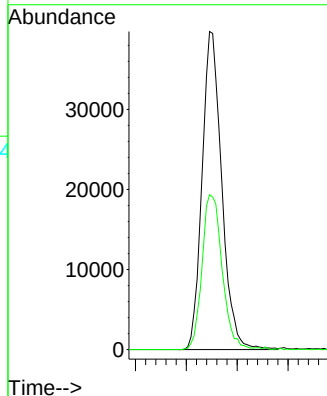
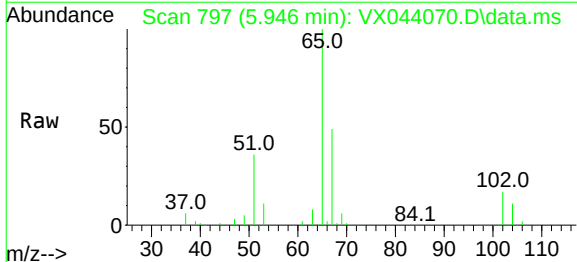
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2RE

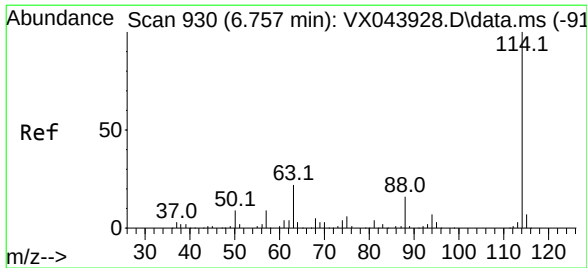
Tgt Ion: 96 Resp: 4916
Ion Ratio Lower Upper
96 100
61 130.5 0.0 297.4
98 61.3 0.0 127.8



#33
1,2-Dichloroethane-d4
Concen: 51.960 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044070.D
Acq: 02 Dec 2024 16:47

Tgt Ion: 65 Resp: 106814
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8

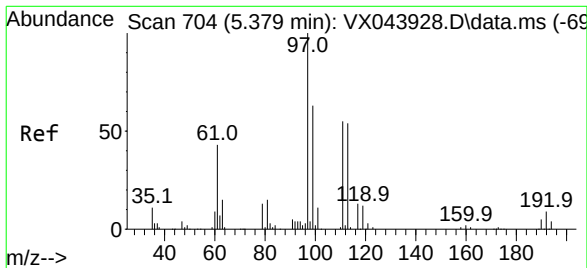
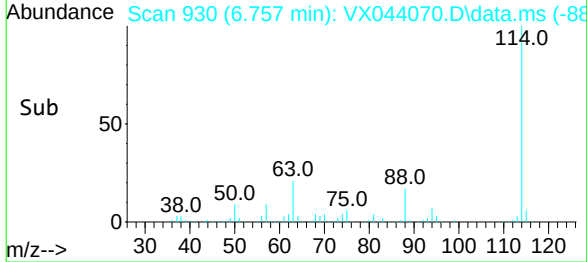
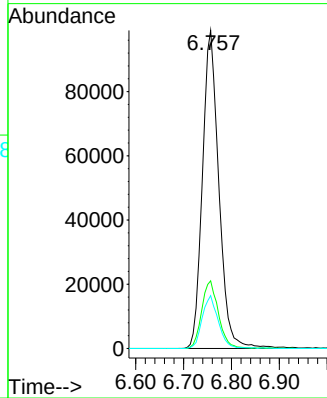
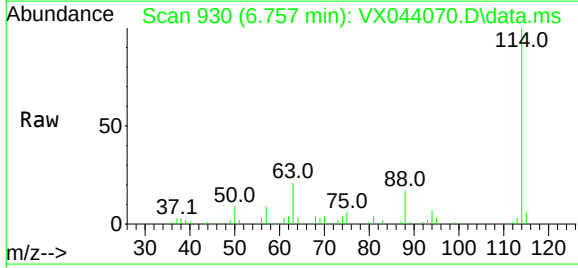




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.001 min
Lab File: VX044070.D
Acq: 02 Dec 2024 16:47

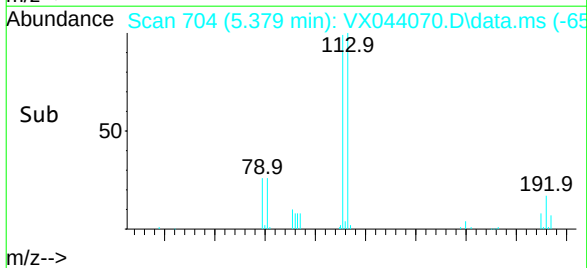
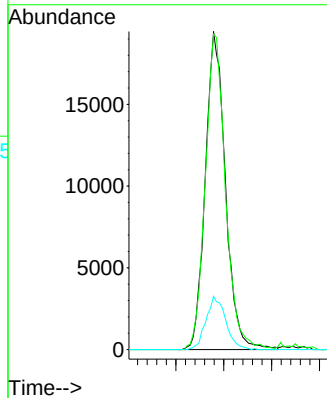
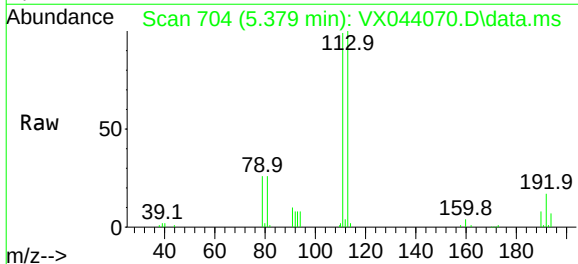
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C1-2RE

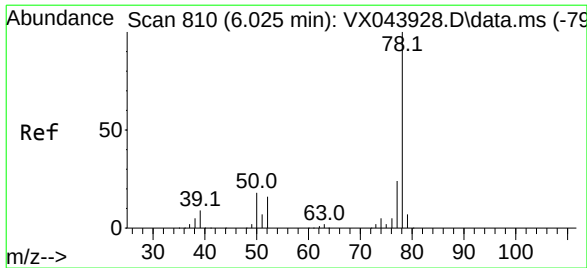
Tgt Ion:	114	Resp:	235670
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.0
88	16.6	0.0	32.4



#35
Dibromofluoromethane
Concen: 33.738 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044070.D
Acq: 02 Dec 2024 16:47

Tgt Ion:	113	Resp:	56815
Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.0	121.4
192	16.3	13.0	19.6





#40

Benzene

Concen: 24.305 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

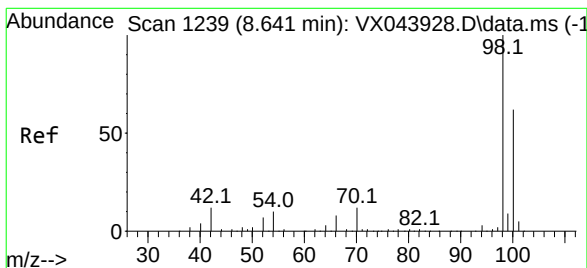
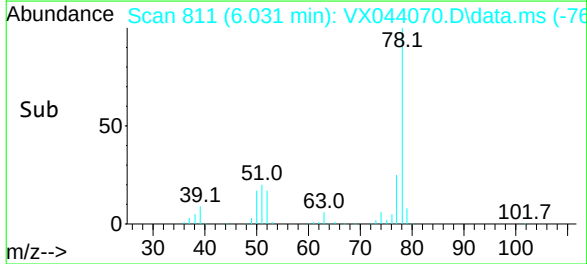
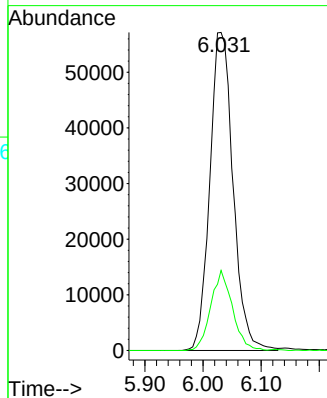
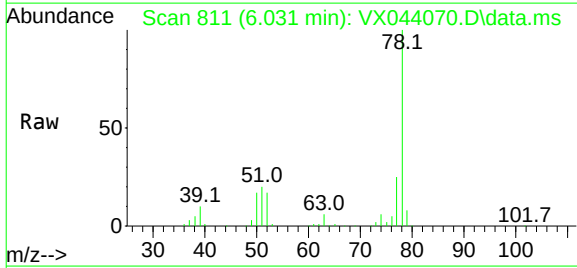
SPLP-C1-2RE

Tgt Ion: 78 Resp: 158872

Ion Ratio Lower Upper

78 100

77 25.2 19.2 28.8



#50

Toluene-d8

Concen: 50.411 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044070.D

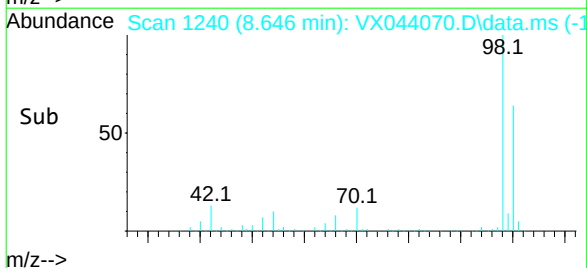
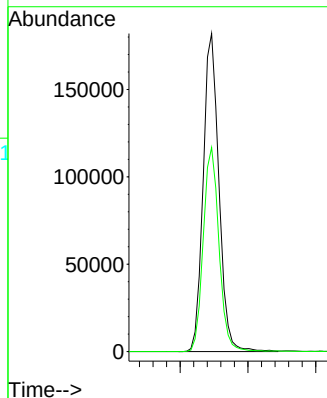
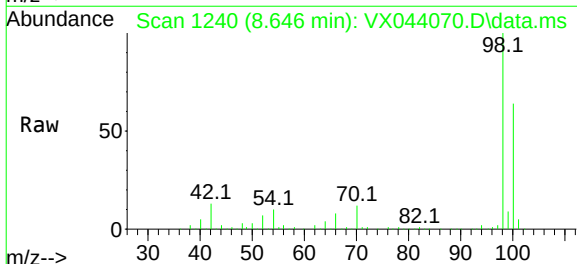
Acq: 02 Dec 2024 16:47

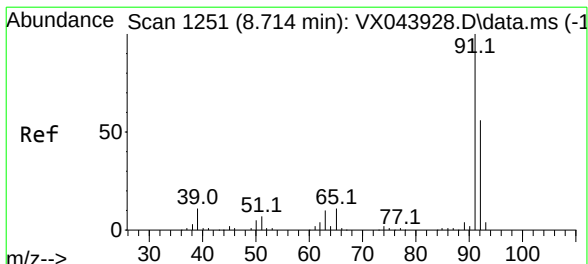
Tgt Ion: 98 Resp: 292627

Ion Ratio Lower Upper

98 100

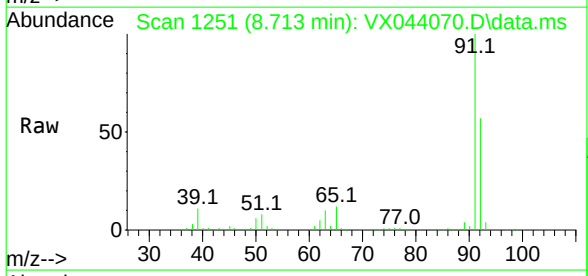
100 64.4 52.6 79.0





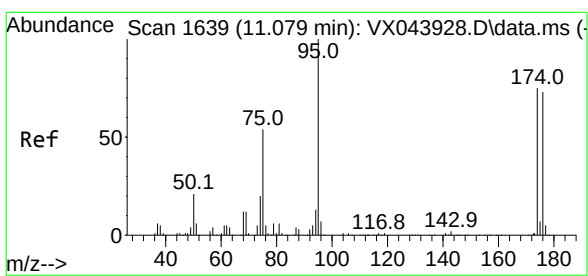
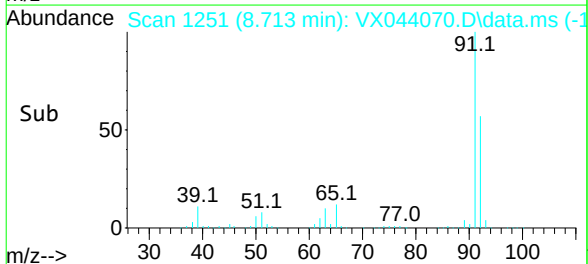
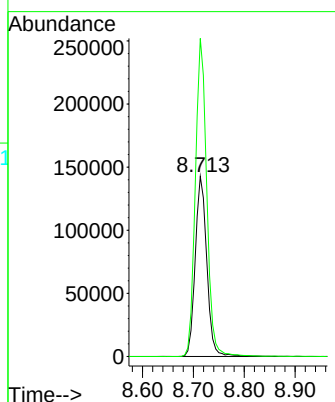
#52
 Toluene
 Concen: 57.628 ug/l
 RT: 8.713 min Scan# 1251
 Delta R.T. -0.001 min
 Lab File: VX044070.D
 Acq: 02 Dec 2024 16:47

Instrument : MSVOA_X
 ClientSampleId : SPLP-C1-2RE



Tgt Ion: 92 Resp: 225458

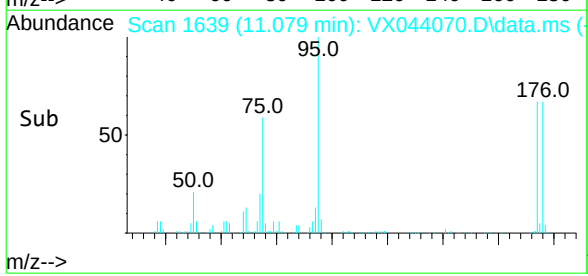
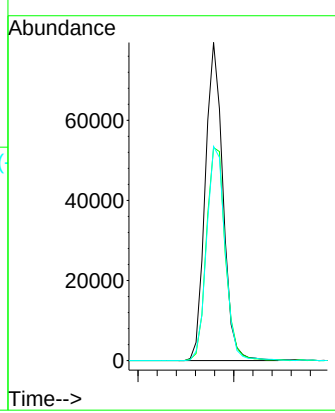
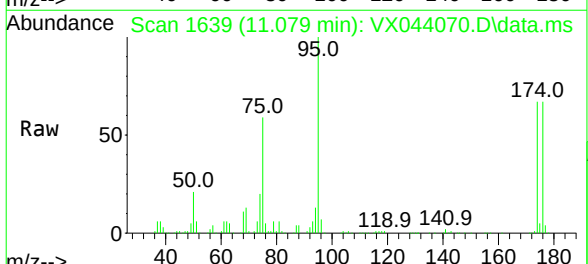
Ion	Ratio	Lower	Upper
92	100		
91	174.1	139.7	209.5

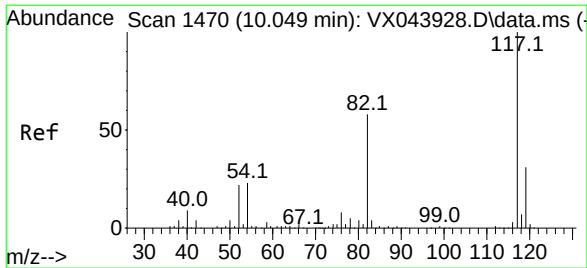


#62
 4-Bromofluorobenzene
 Concen: 51.635 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX044070.D
 Acq: 02 Dec 2024 16:47

Tgt Ion: 95 Resp: 102008

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	150.4
176	70.6	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: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2RE

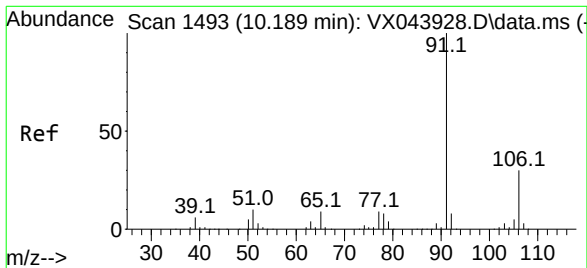
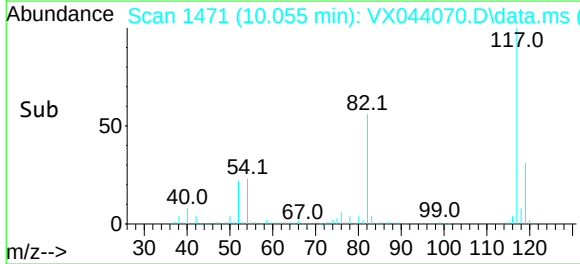
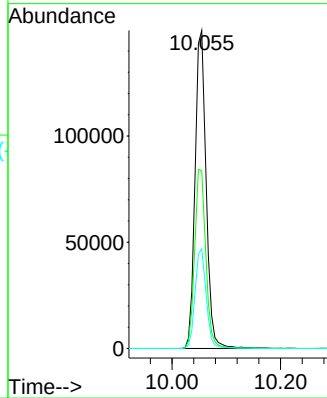
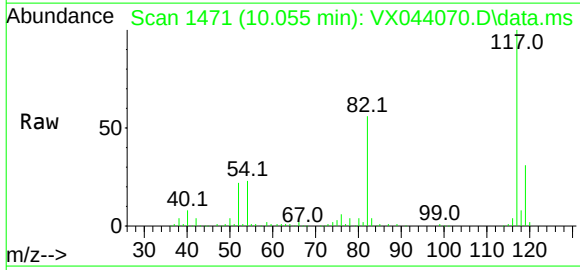
Tgt Ion:117 Resp: 212261

Ion Ratio Lower Upper

117 100

82 55.8 46.4 69.6

119 31.4 24.6 37.0



#67

Ethyl Benzene

Concen: 134.436 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.001 min

Lab File: VX044070.D

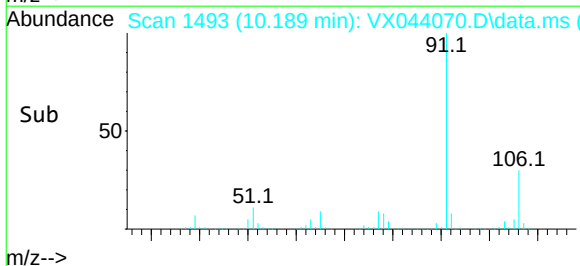
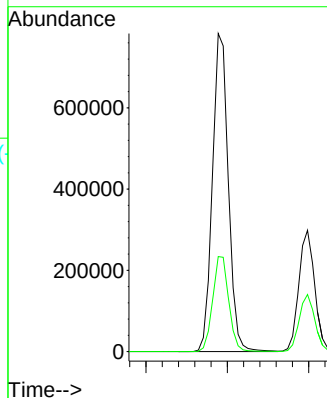
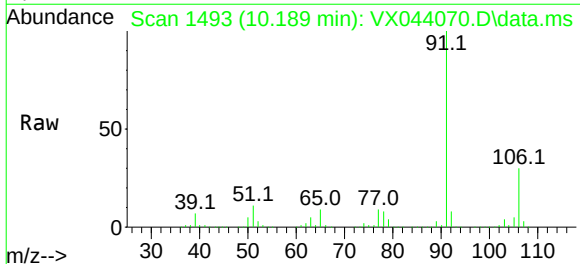
Acq: 02 Dec 2024 16:47

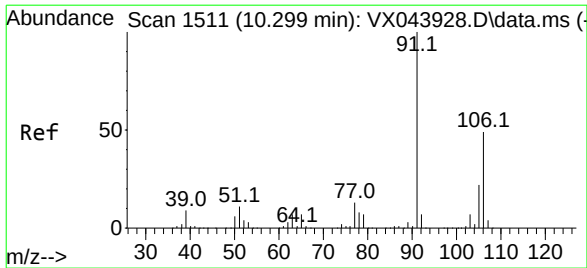
Tgt Ion: 91 Resp: 1061982

Ion Ratio Lower Upper

91 100

106 29.9 23.6 35.4





#68

m/p-Xylenes

Concen: 64.450 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.001 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

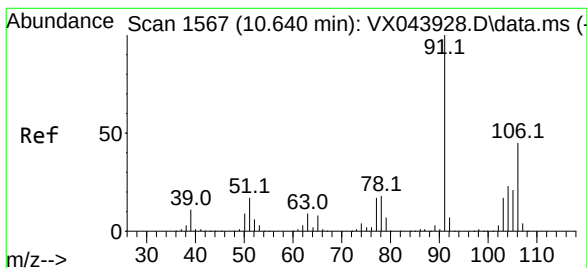
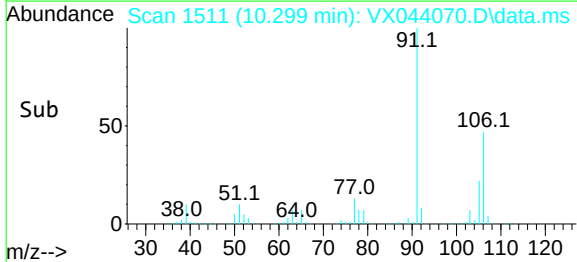
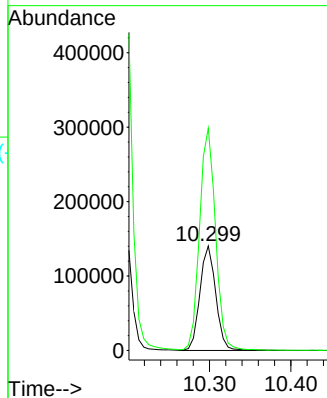
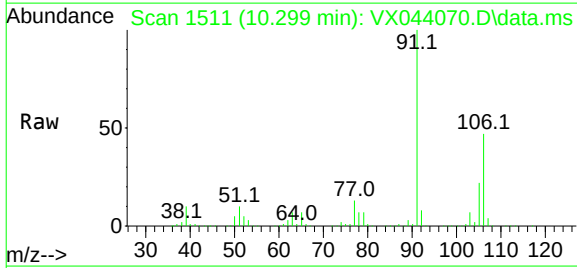
SPLP-C1-2RE

Tgt Ion:106 Resp: 189863

Ion Ratio Lower Upper

106 100

91 213.9 168.1 252.1



#69

o-Xylene

Concen: 45.377 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VX044070.D

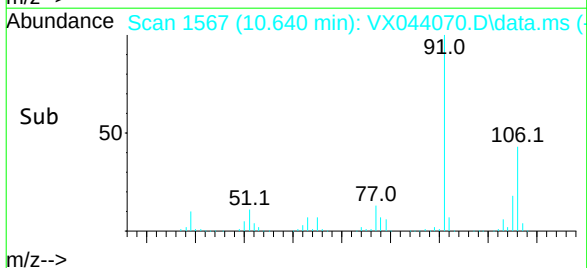
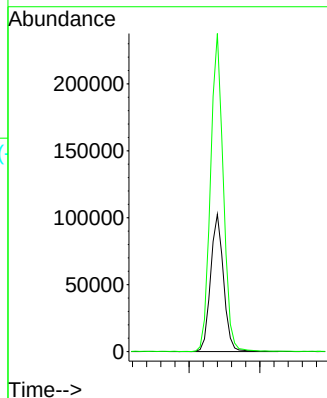
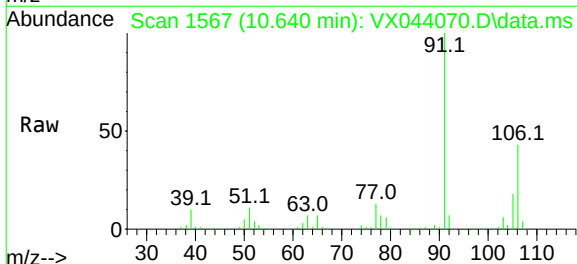
Acq: 02 Dec 2024 16:47

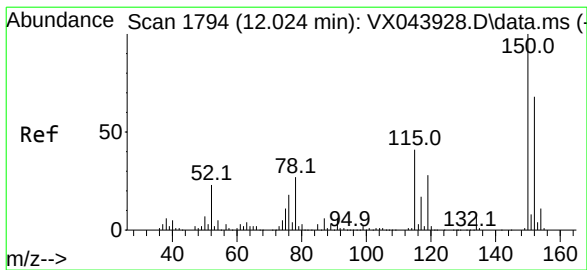
Tgt Ion:106 Resp: 130517

Ion Ratio Lower Upper

106 100

91 229.0 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.007 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C1-2RE

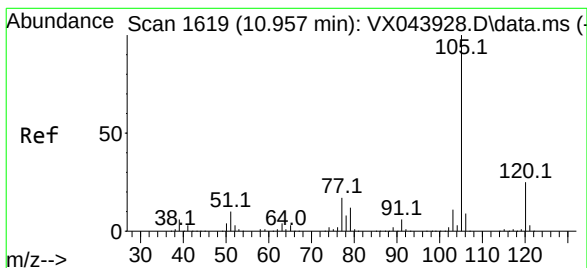
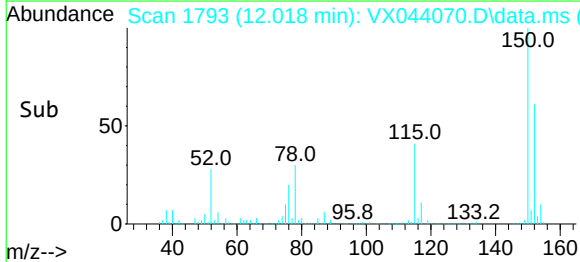
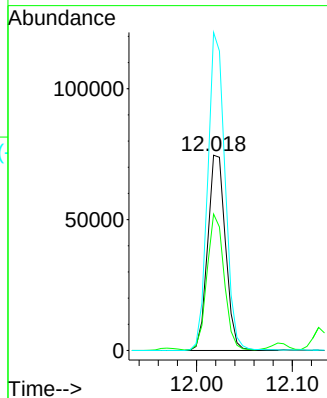
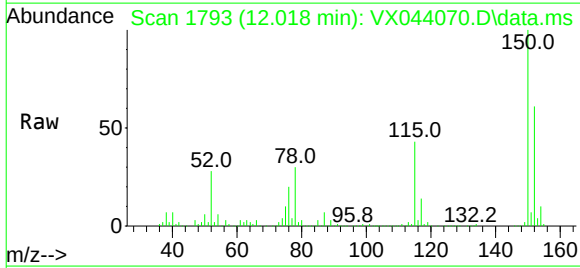
Tgt Ion:152 Resp: 96574

Ion Ratio Lower Upper

152 100

115 66.8 45.4 136.2

150 158.4 0.0 353.0



#73

Isopropylbenzene

Concen: 6.309 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044070.D

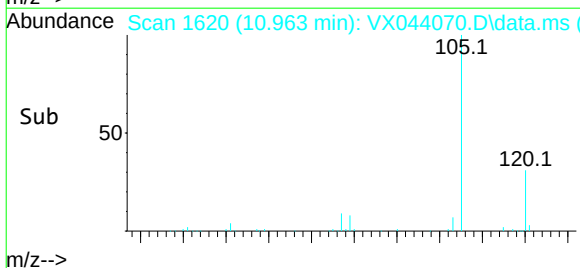
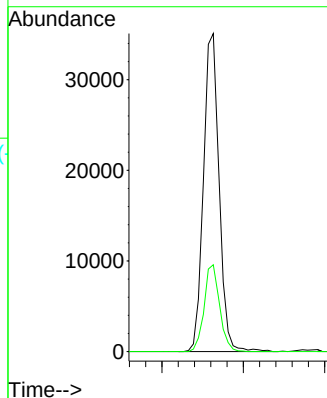
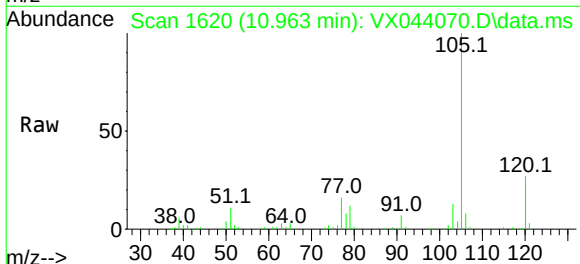
Acq: 02 Dec 2024 16:47

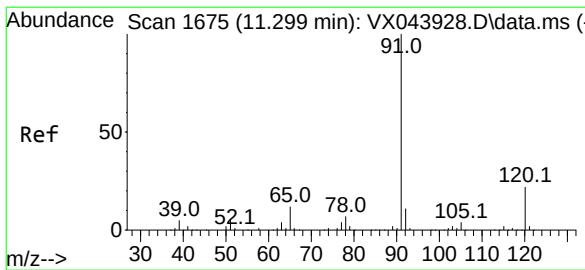
Tgt Ion:105 Resp: 46835

Ion Ratio Lower Upper

105 100

120 27.0 13.0 38.9





#78

n-propylbenzene

Concen: 1.230 ug/l

RT: 11.304 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

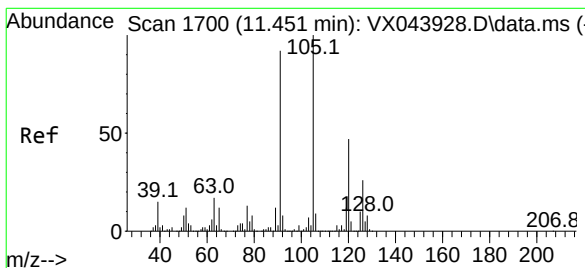
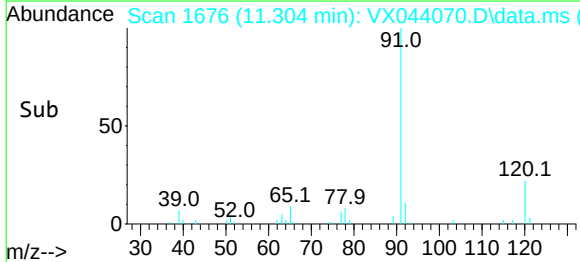
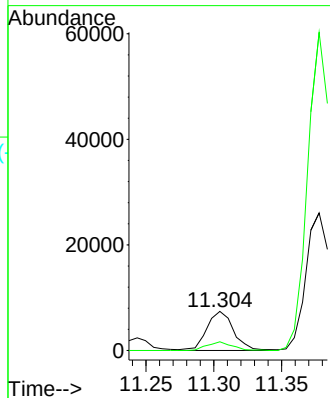
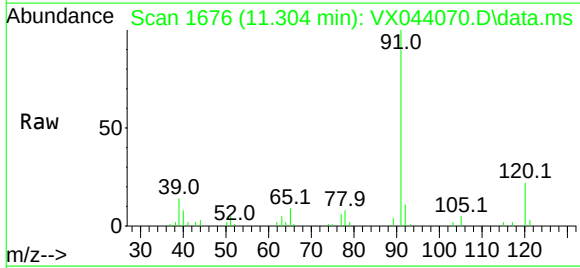
SPLP-C1-2RE

Tgt Ion: 91 Resp: 10194

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#80

1,3,5-Trimethylbenzene

Concen: 6.879 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044070.D

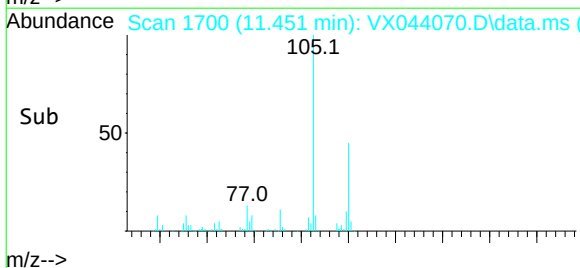
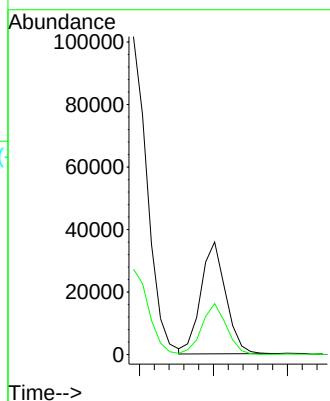
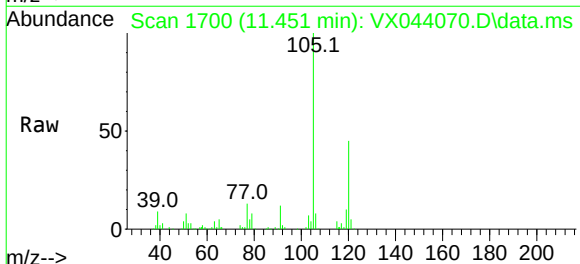
Acq: 02 Dec 2024 16:47

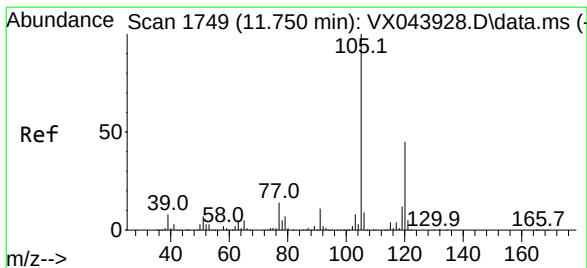
Tgt Ion:105 Resp: 42016

Ion Ratio Lower Upper

105 100

120 44.8 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 25.552 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

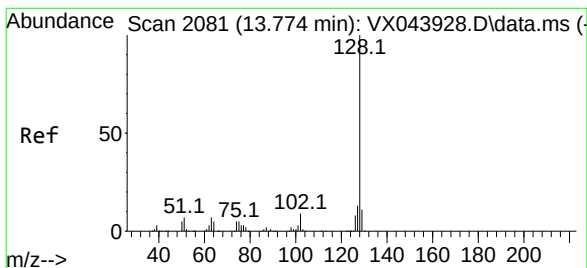
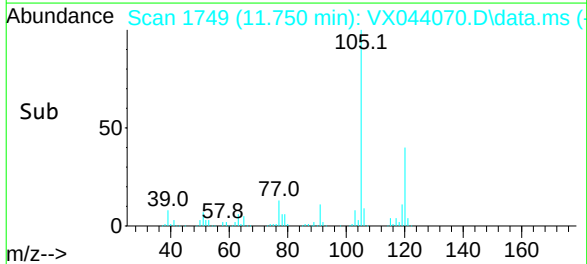
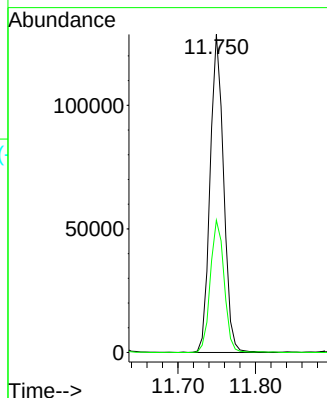
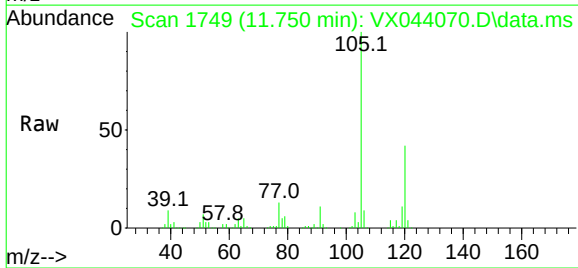
SPLP-C1-2RE

Tgt Ion:105 Resp: 155368

Ion Ratio Lower Upper

105 100

120 42.6 21.9 65.7



#95

Naphthalene

Concen: 1751.089 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044070.D

Acq: 02 Dec 2024 16:47

Tgt Ion:128 Resp:12096197

Ion Ratio Lower Upper

128 100

127 16.0 10.2 15.2#

129 14.2 8.6 12.8#

