

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044128.D
 Acq On : 04 Dec 2024 19:34
 Operator : JC/MD
 Sample : P5006-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C12-3RE

Quant Time: Dec 05 00:36:43 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)

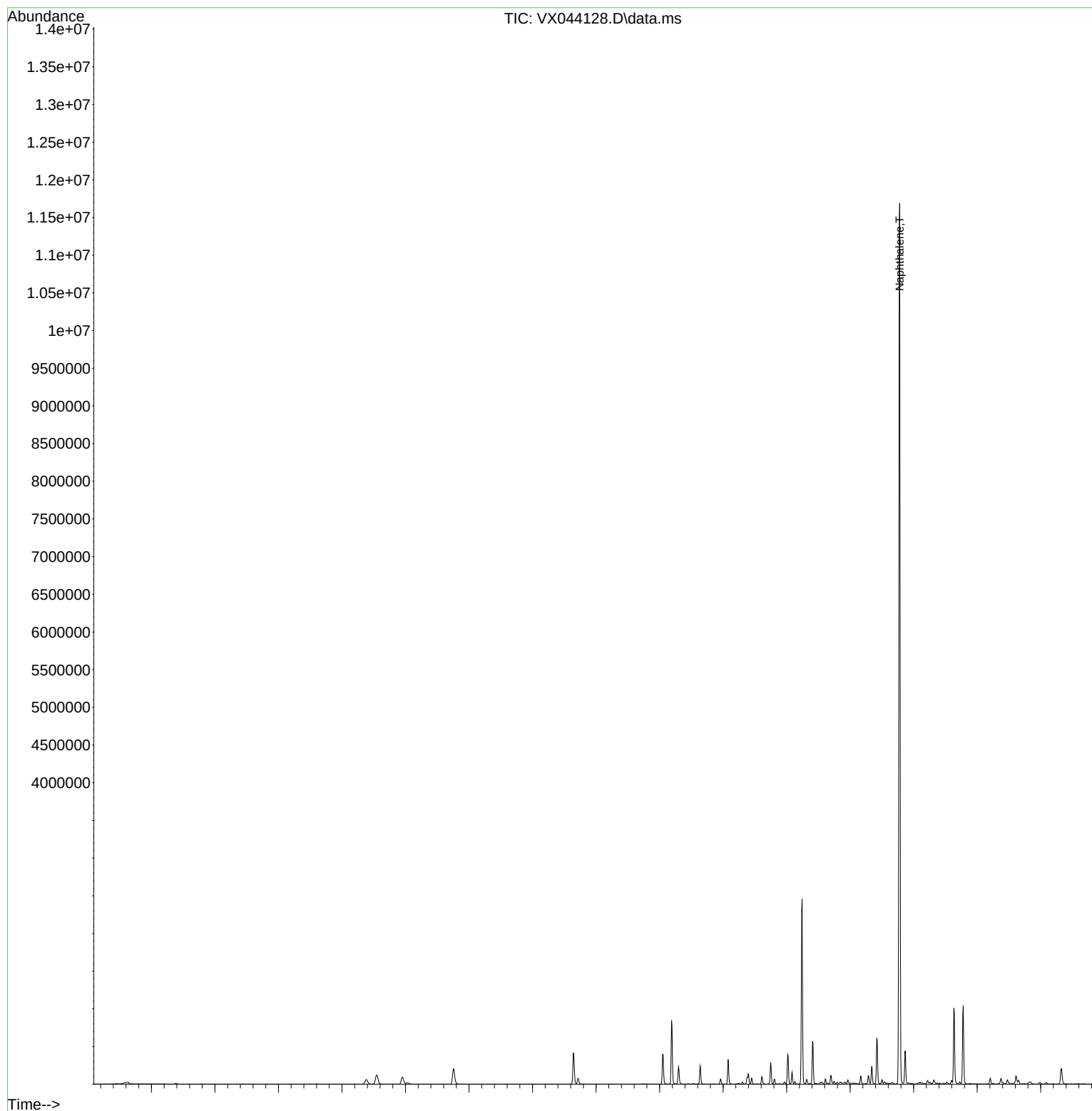
Internal Standards						
1) Pentafluorobenzene	5.543	168	105047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91944	51.031	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.060%			
35) Dibromofluoromethane	5.385	113	52759	36.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 73.960%#			
50) Toluene-d8	8.646	98	241206	49.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.080%			
62) 4-Bromofluorobenzene	11.079	95	82795	49.462	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.920%			
Target Compounds						
16) Acetone	2.385	43	11680	14.114	ug/l	93
40) Benzene	6.031	78	19379	3.499	ug/l	99
52) Toluene	8.720	92	30053	9.066	ug/l	100
67) Ethyl Benzene	10.189	91	479904	75.854	ug/l	99
68) m/p-Xylenes	10.299	106	49955	21.173	ug/l	94
69) o-Xylene	10.640	106	47801	20.751	ug/l	92
73) Isopropylbenzene	10.963	105	34991	6.270	ug/l	98
78) n-propylbenzene	11.305	91	16505	2.648	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	32960	7.179	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	117375	25.679	ug/l	99
89) n-Butylbenzene	12.317	91	6481	1.623	ug/l #	9
95) Naphthalene	13.780	128	6761793	1302.156	ug/l	97

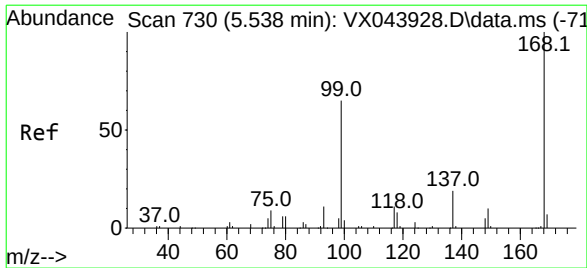
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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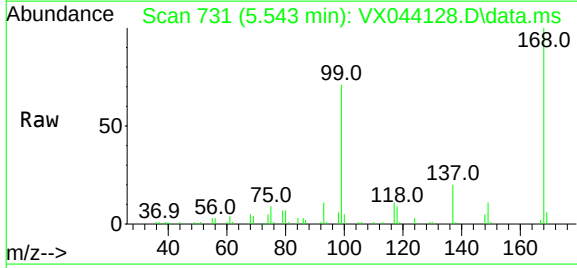
Quant Time: Dec 05 00:36:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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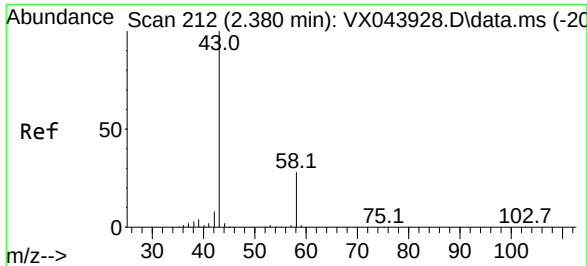
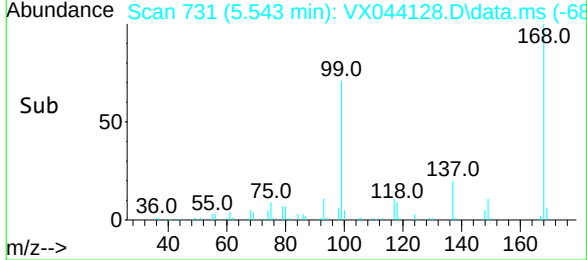
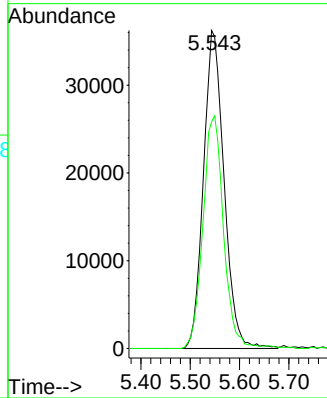


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 730
Delta R.T. 0.005 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3RE

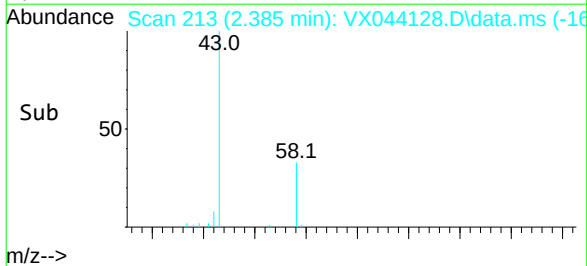
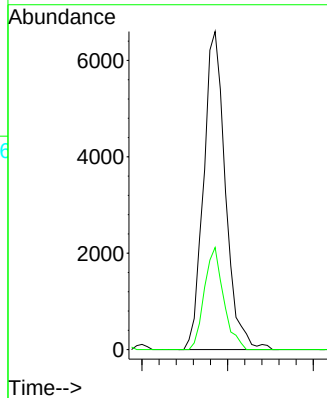
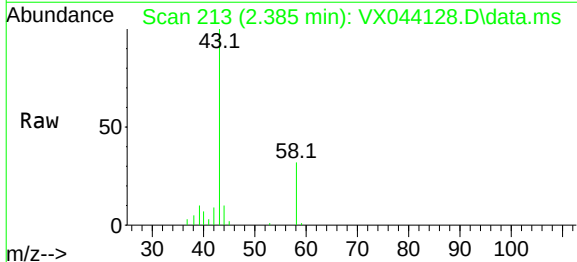


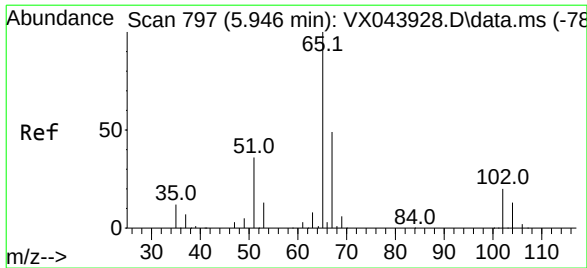
Tgt Ion:168 Resp: 105047
Ion Ratio Lower Upper
168 100
99 71.3 51.8 77.8



#16
Acetone
Concen: 14.114 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Tgt Ion: 43 Resp: 11680
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1

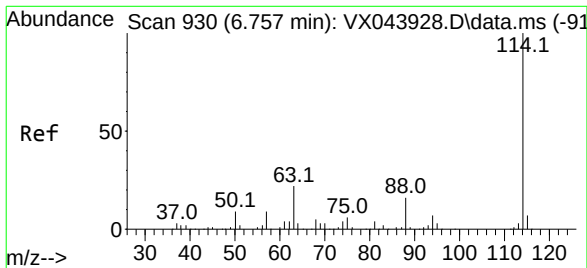
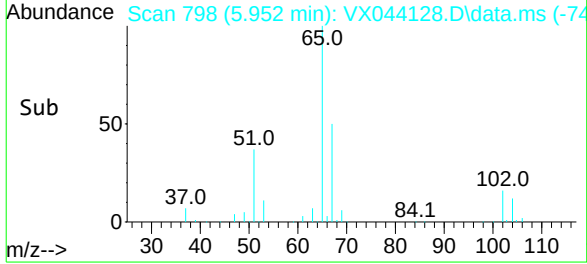
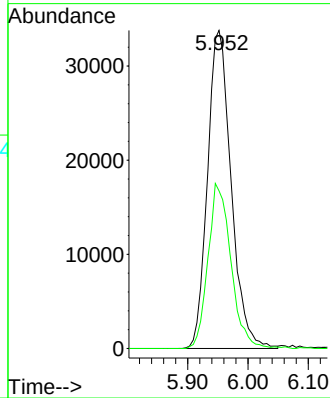
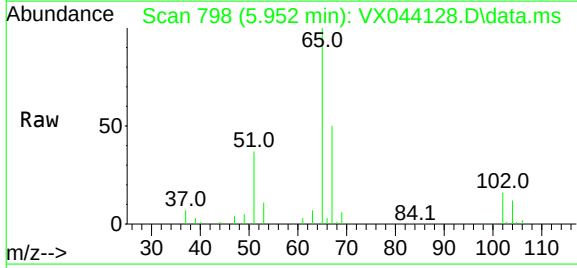




#33
1,2-Dichloroethane-d4
Concen: 51.031 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

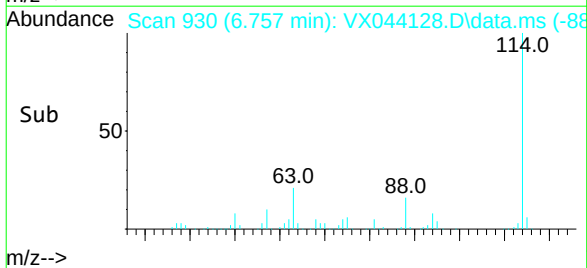
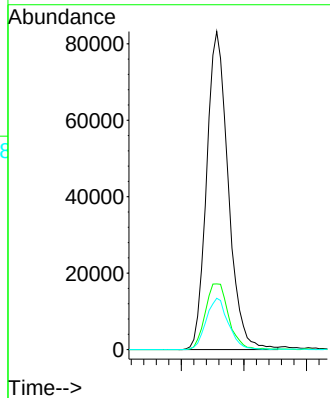
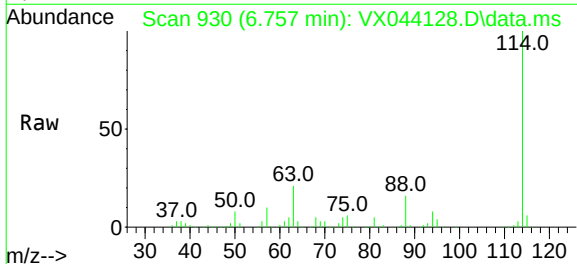
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3RE

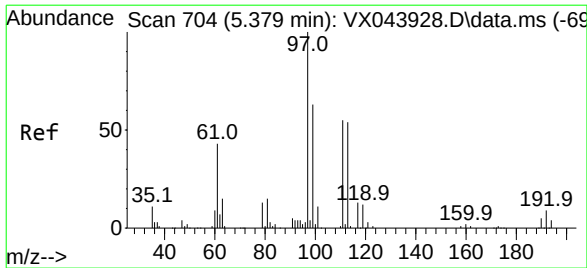
Tgt Ion: 65 Resp: 91944
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Tgt Ion: 114 Resp: 199686
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.0
88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 36.976 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.006 min

Lab File: VX044128.D

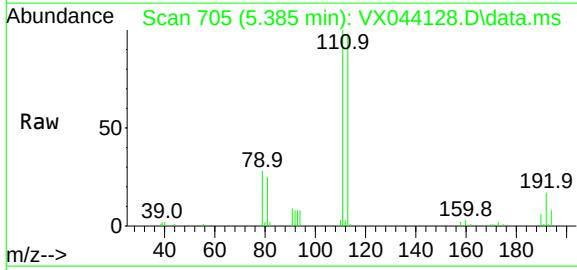
Acq: 04 Dec 2024 19:34

Instrument :

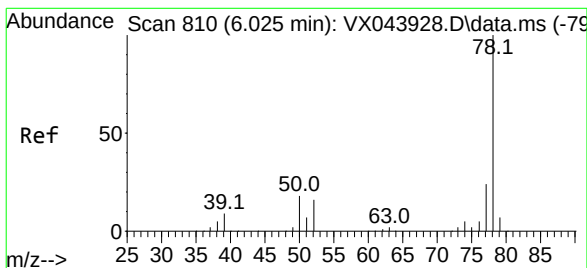
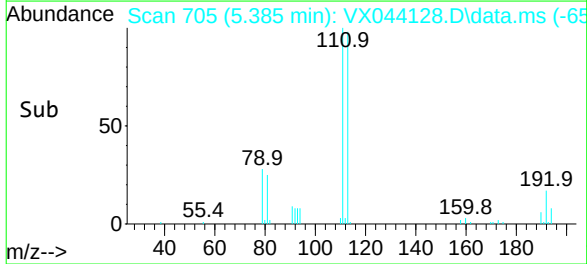
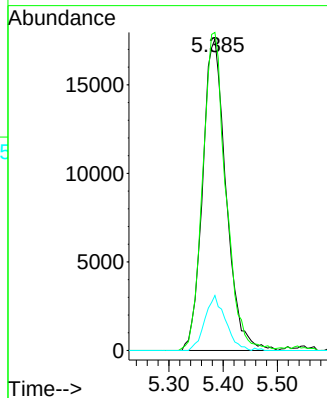
MSVOA_X

ClientSampleId :

SPLP-C12-3RE



Tgt Ion:	113	Resp:	52759
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.0	121.4
192	15.6	13.0	19.6



#40

Benzene

Concen: 3.499 ug/l

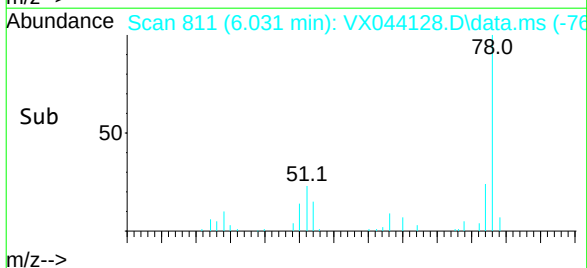
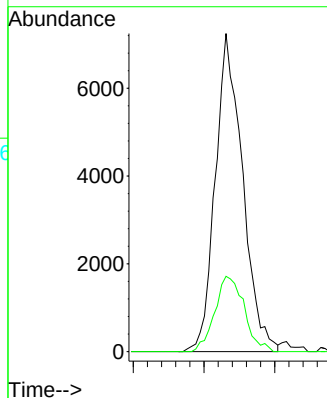
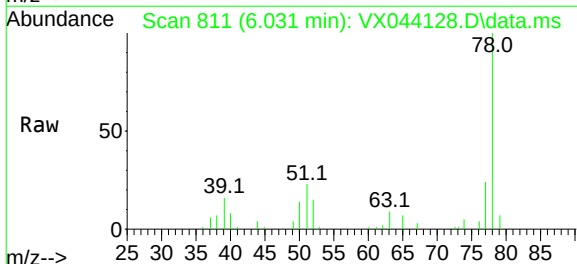
RT: 6.031 min Scan# 811

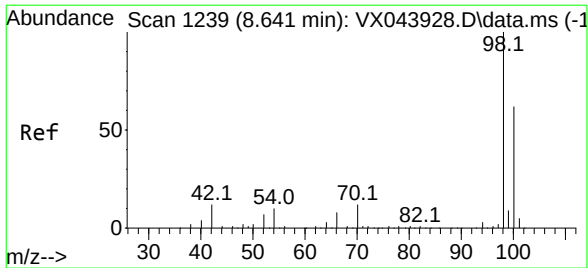
Delta R.T. 0.006 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

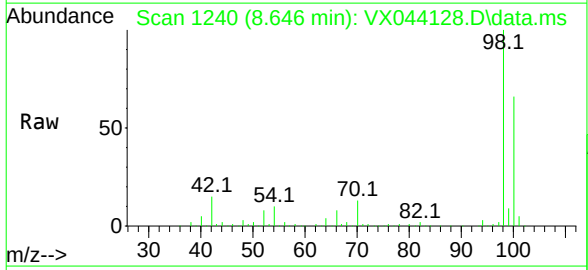
Tgt Ion:	78	Resp:	19379
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8



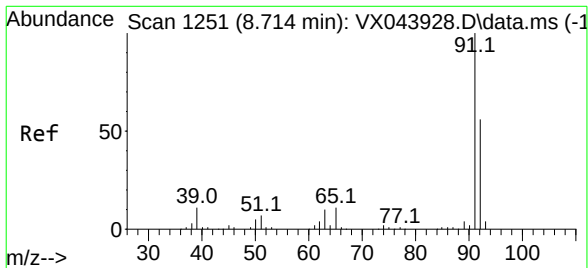
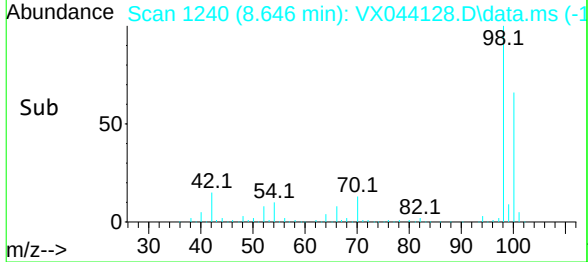
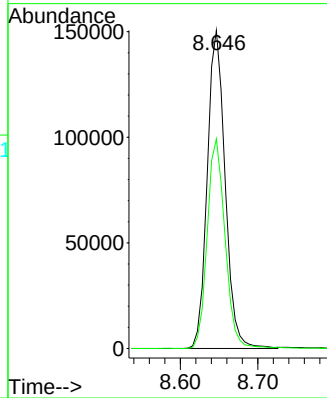


#50
Toluene-d8
Concen: 49.040 ug/l
RT: 8.646 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3RE

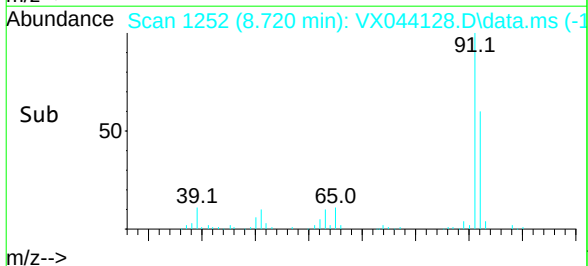
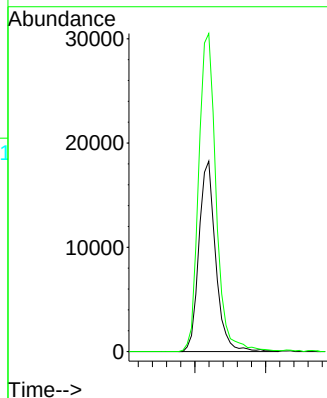
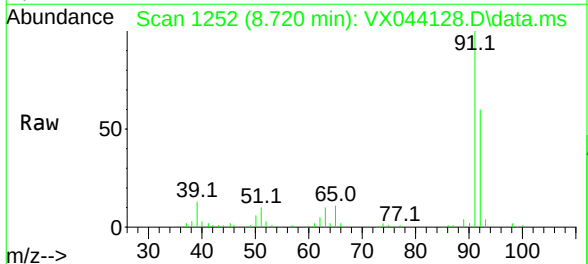


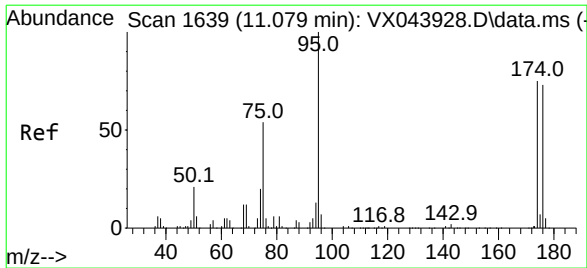
Tgt Ion: 98 Resp: 241206
Ion Ratio Lower Upper
98 100
100 65.6 52.6 79.0



#52
Toluene
Concen: 9.066 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Tgt Ion: 92 Resp: 30053
Ion Ratio Lower Upper
92 100
91 174.1 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 49.462 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044128.D

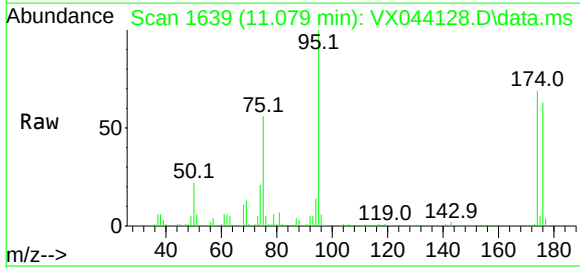
Acq: 04 Dec 2024 19:34

Instrument :

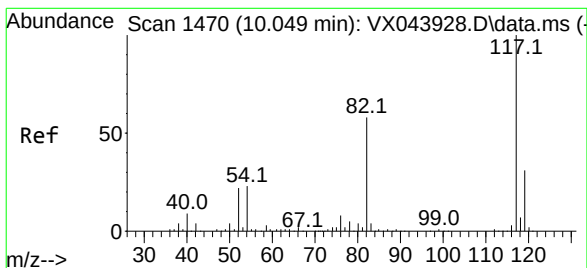
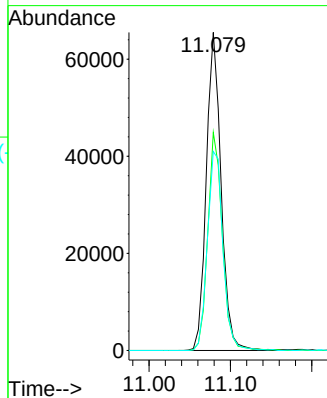
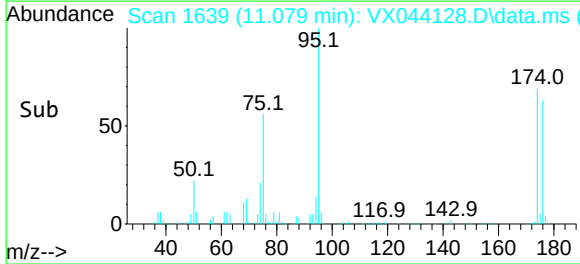
MSVOA_X

ClientSampleId :

SPLP-C12-3RE



Tgt Ion:	95	Resp:	82795
Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	150.4
176	66.1	0.0	146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

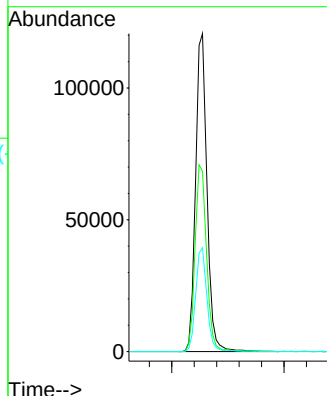
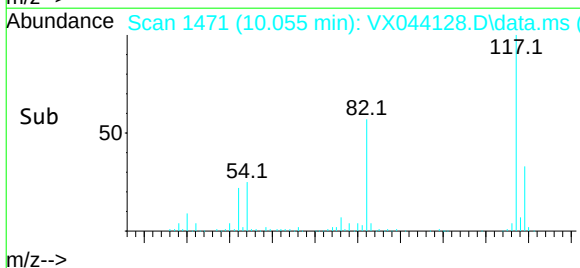
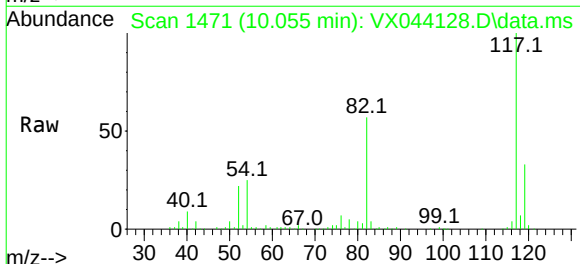
RT: 10.055 min Scan# 1471

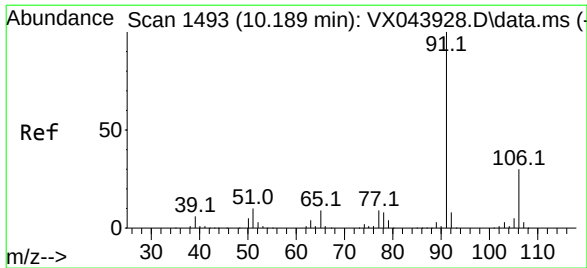
Delta R.T. 0.006 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Tgt Ion:	117	Resp:	169999
Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.4	69.6
119	32.6	24.6	37.0

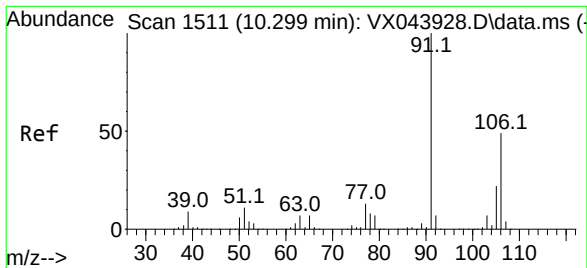
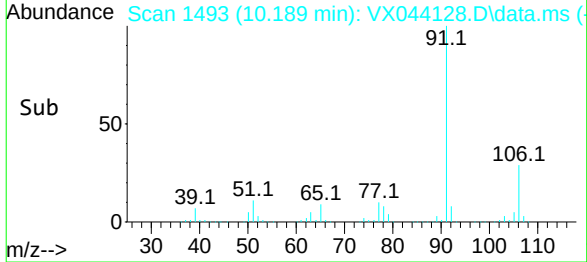
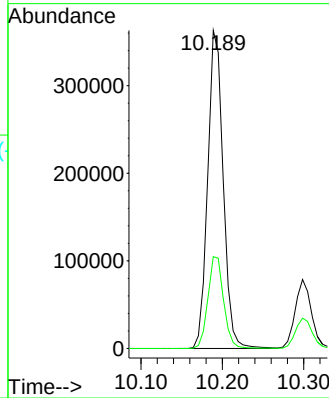
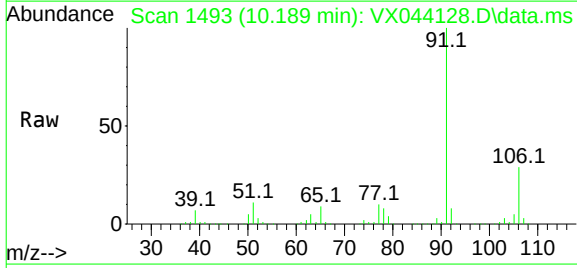




#67
Ethyl Benzene
Concen: 75.854 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

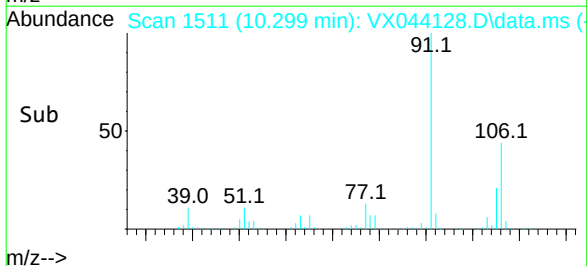
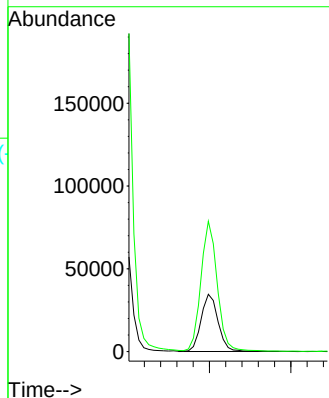
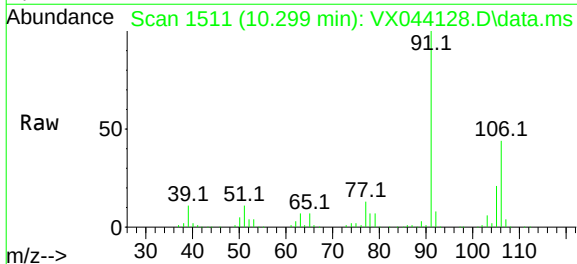
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3RE

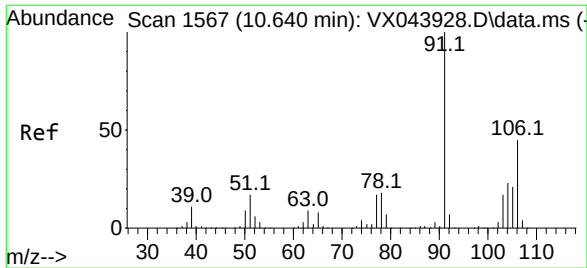
Tgt Ion: 91 Resp: 479904
Ion Ratio Lower Upper
91 100
106 28.9 23.6 35.4



#68
m/p-Xylenes
Concen: 21.173 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Tgt Ion:106 Resp: 49955
Ion Ratio Lower Upper
106 100
91 219.6 168.1 252.1





#69

o-Xylene

Concen: 20.751 ug/l

RT: 10.640 min Scan# 15

Delta R.T. -0.000 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

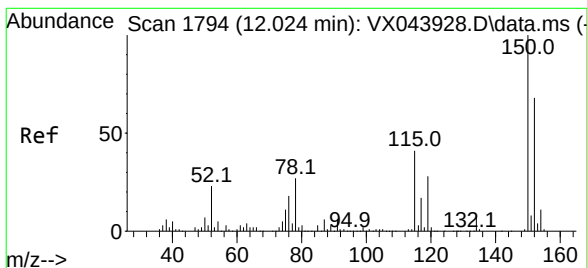
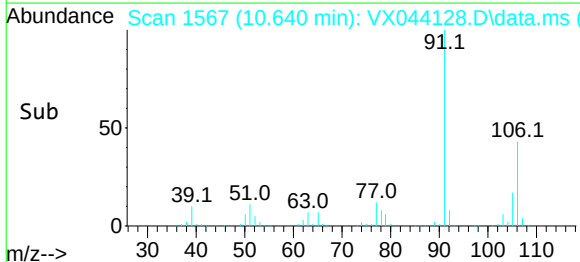
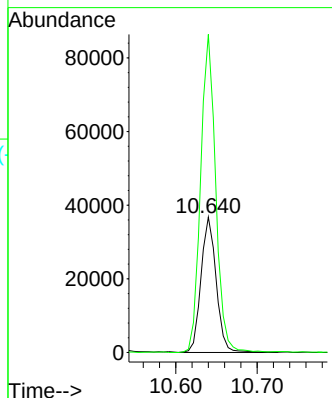
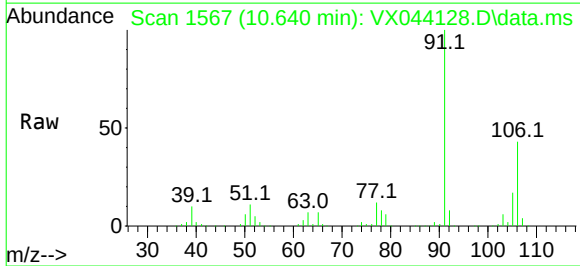
SPLP-C12-3RE

Tgt Ion:106 Resp: 47801

Ion Ratio Lower Upper

106 100

91 232.6 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.007 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

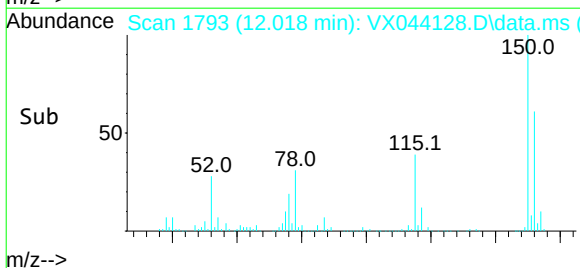
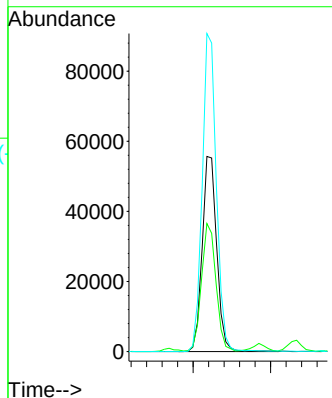
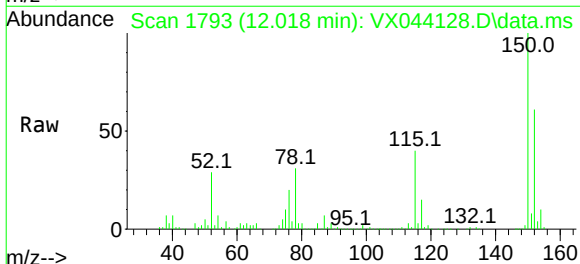
Tgt Ion:152 Resp: 72597

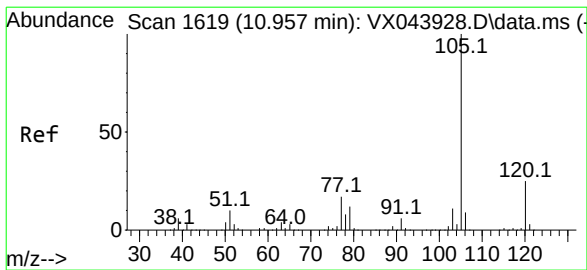
Ion Ratio Lower Upper

152 100

115 64.5 45.4 136.2

150 158.6 0.0 353.0





#73

Isopropylbenzene

Concen: 6.270 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

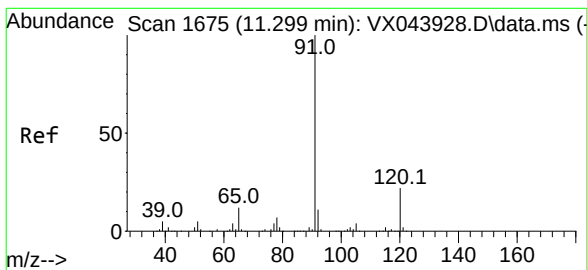
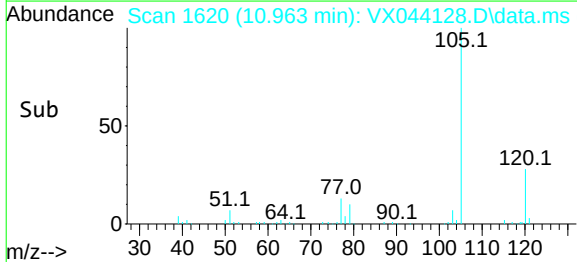
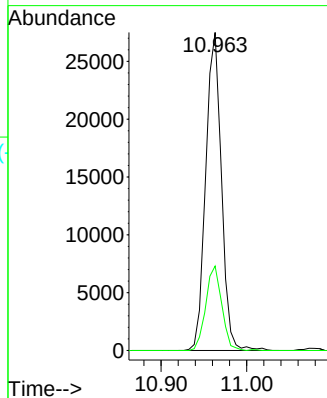
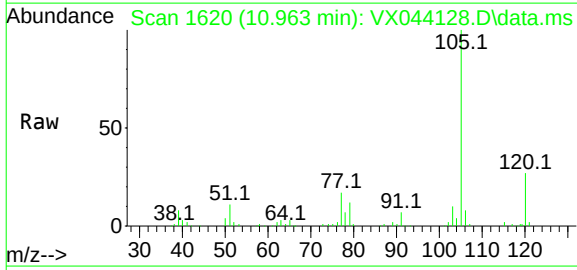
SPLP-C12-3RE

Tgt Ion:105 Resp: 34991

Ion Ratio Lower Upper

105 100

120 27.0 13.0 38.9



#78

n-propylbenzene

Concen: 2.648 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044128.D

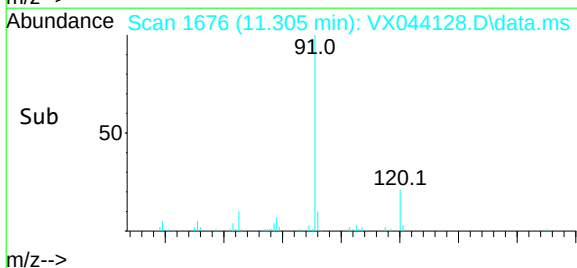
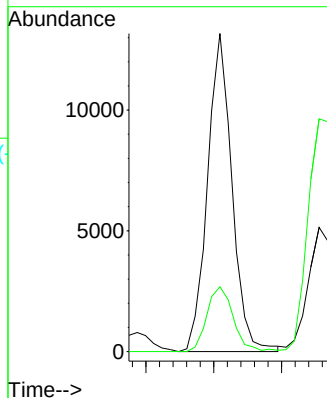
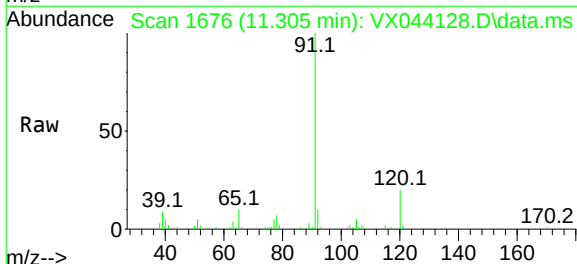
Acq: 04 Dec 2024 19:34

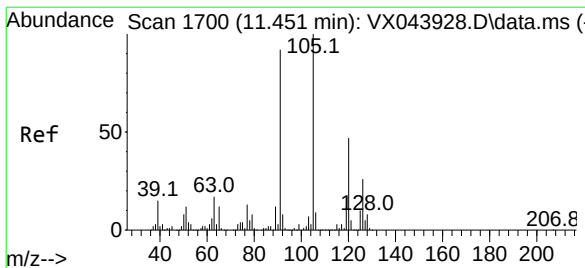
Tgt Ion: 91 Resp: 16505

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 7.179 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

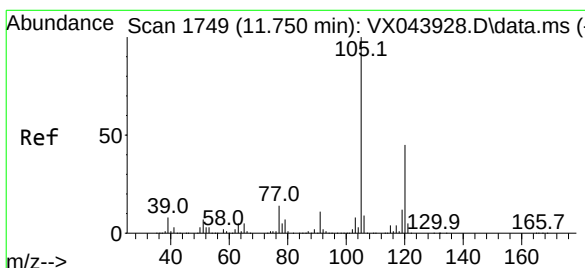
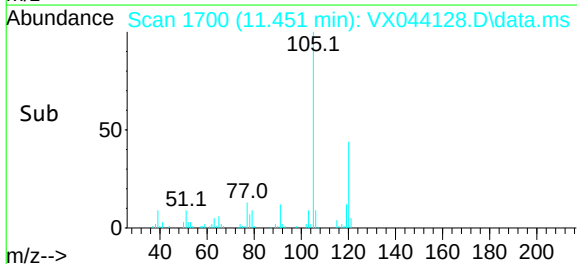
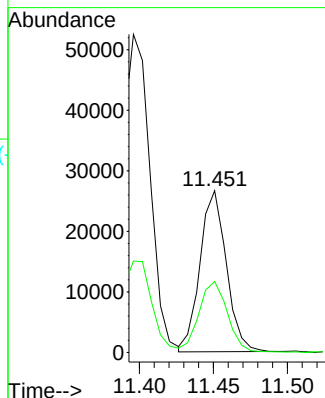
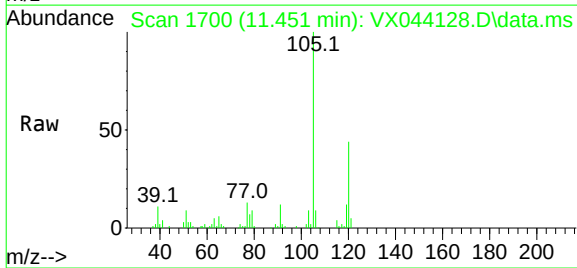
SPLP-C12-3RE

Tgt Ion:105 Resp: 32960

Ion Ratio Lower Upper

105 100

120 48.0 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 25.679 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044128.D

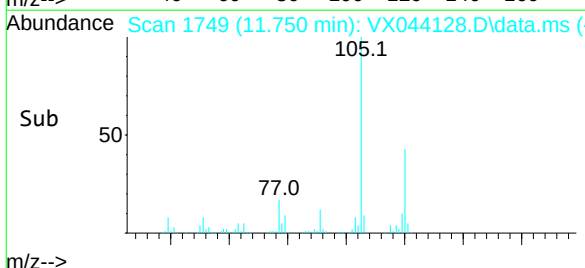
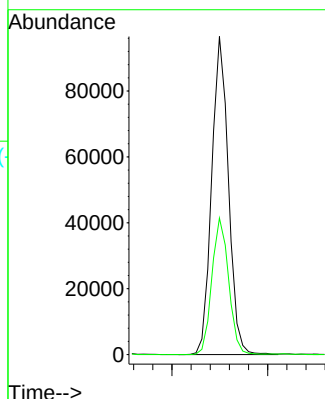
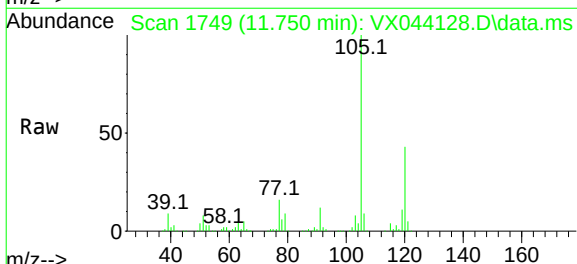
Acq: 04 Dec 2024 19:34

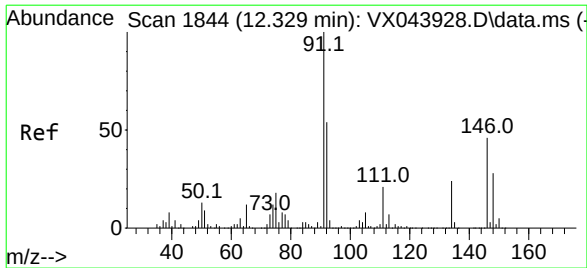
Tgt Ion:105 Resp: 117375

Ion Ratio Lower Upper

105 100

120 42.9 21.9 65.7

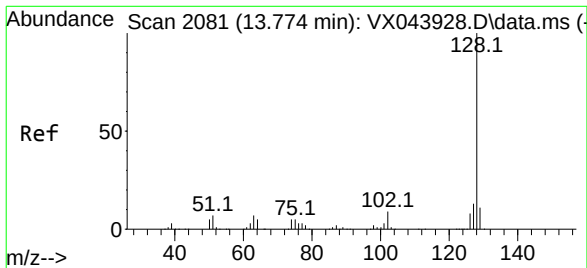
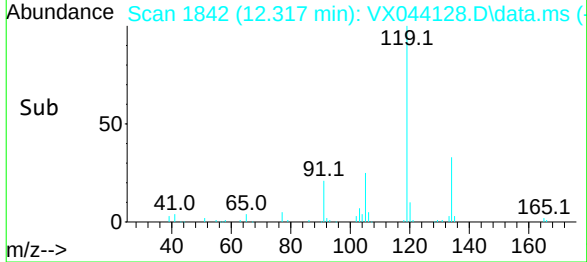
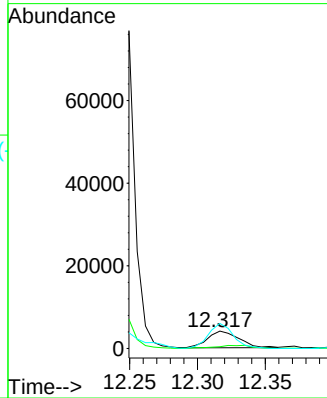
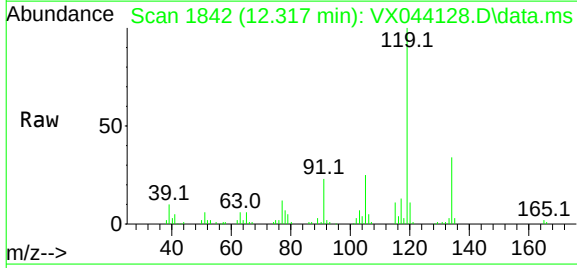




#89
n-Butylbenzene
Concen: 1.623 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.013 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3RE

Tgt Ion: 91 Resp: 6481
Ion Ratio Lower Upper
91 100
92 22.0 26.6 79.8#
134 120.1 12.4 37.2#



#95
Naphthalene
Concen: 1302.156 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Tgt Ion: 128 Resp: 6761793
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 11.7 8.6 12.8

