

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085317.D
 Acq On : 26 Dec 2024 15:00
 Operator : JC\MD
 Sample : P5371-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-2-MRE

Quant Time: Dec 27 00:46:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

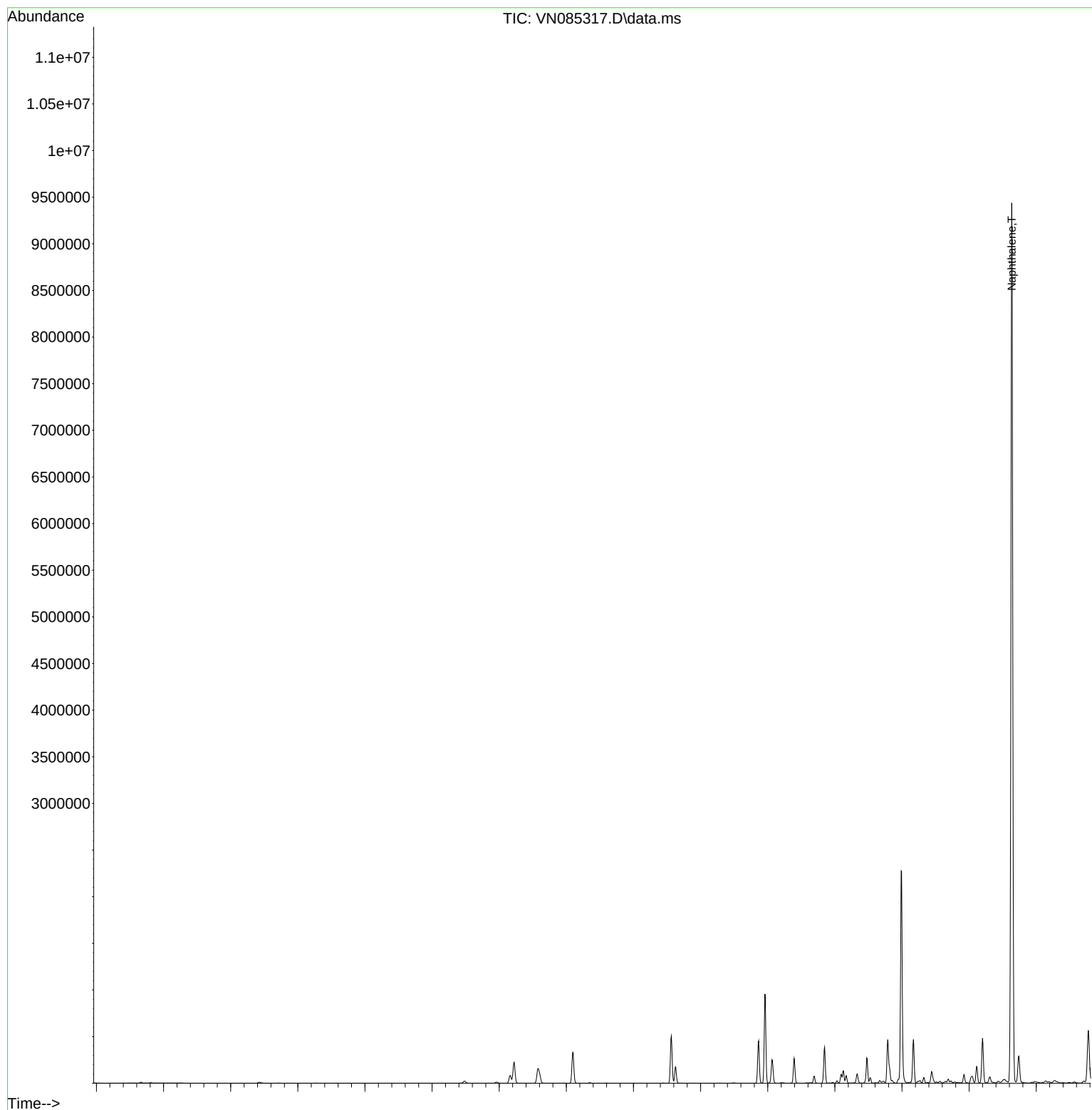
Internal Standards						
1) Pentafluorobenzene	8.224	168	149548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115581	44.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.440%		
35) Dibromofluoromethane	8.165	113	59944	30.452	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	60.900%#		
50) Toluene-d8	10.565	98	343094	47.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.380%		
62) 4-Bromofluorobenzene	12.847	95	127986	49.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.620%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	21221	23.520	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	11902	5.432	ug/l	82
30) Chloroform	7.965	83	12491	3.202	ug/l	97
40) Benzene	8.606	78	80335	9.421	ug/l	97
52) Toluene	10.629	92	75193	14.665	ug/l	99
67) Ethyl Benzene	11.959	91	692900	72.732	ug/l	100
68) m/p-Xylenes	12.065	106	80429	22.573	ug/l	99
69) o-Xylene	12.394	106	69746	20.825	ug/l	100
73) Isopropylbenzene	12.694	105	49316	5.992	ug/l	98
78) n-propylbenzene	13.035	91	20753	2.056	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	38955	5.675	ug/l	93
84) 1,2,4-Trimethylbenzene	13.476	105	150370	21.430	ug/l	99
86) p-Isopropyltoluene	13.723	119	7784	2.899	ug/l #	74
95) Naphthalene	15.635	128	8150573	1299.069	ug/l	99

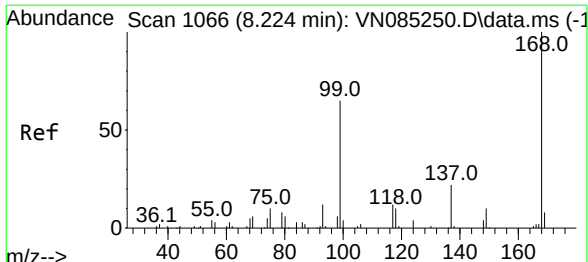
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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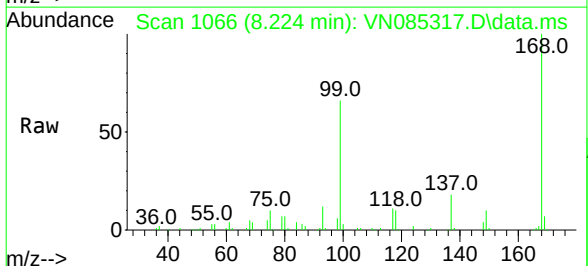
Quant Time: Dec 27 00:46:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



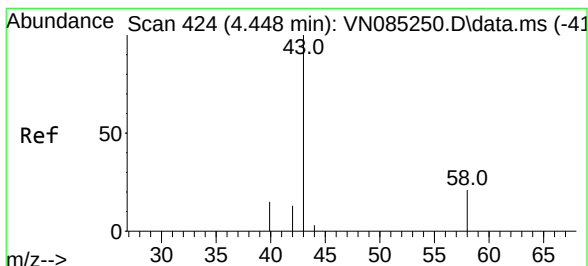
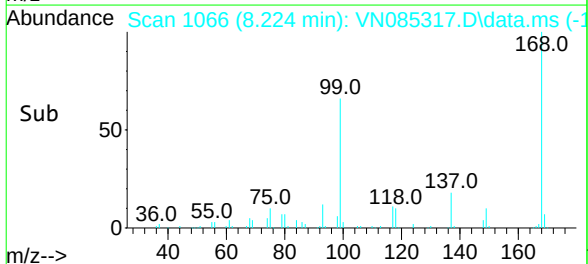
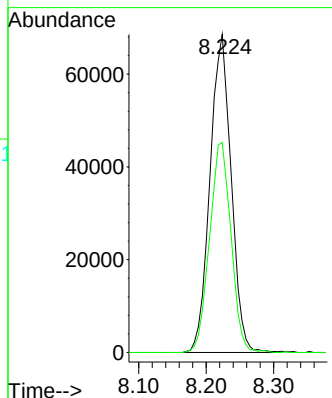


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-MRE

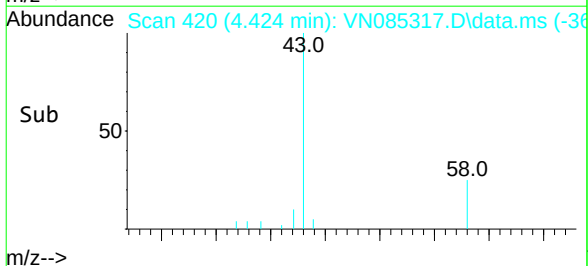
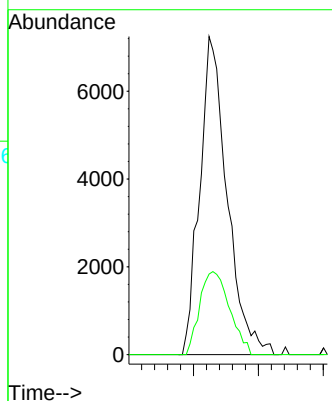
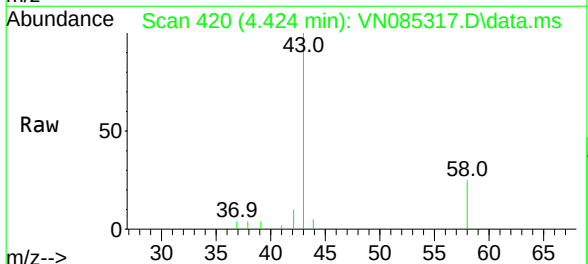


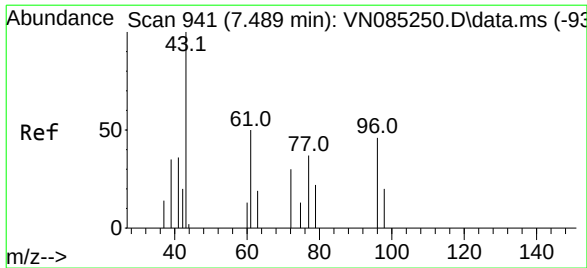
Tgt Ion:168 Resp: 149548
Ion Ratio Lower Upper
168 100
99 66.0 50.7 76.1



#16
Acetone
Concen: 23.520 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

Tgt Ion: 43 Resp: 21221
Ion Ratio Lower Upper
43 100
58 25.3 20.8 31.2

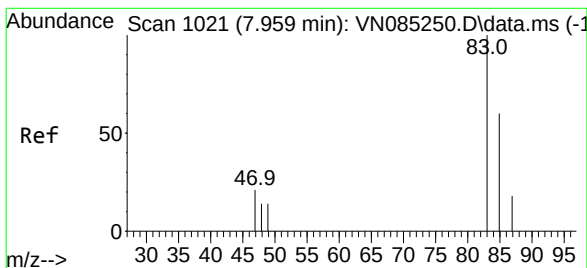
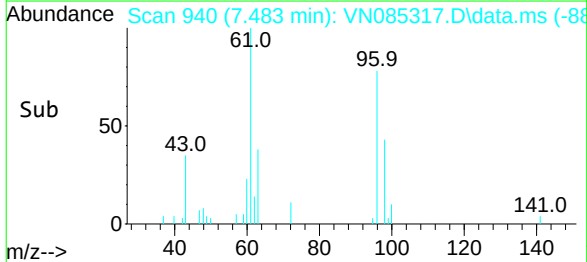
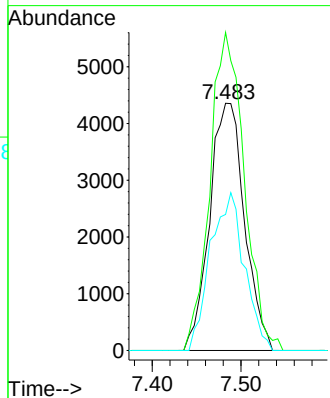
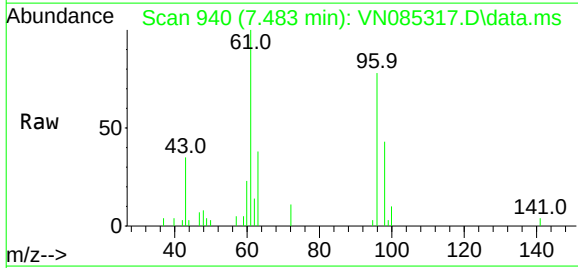




#27
 cis-1,2-Dichloroethene
 Concen: 5.432 ug/l
 RT: 7.483 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN085317.D
 Acq: 26 Dec 2024 15:00

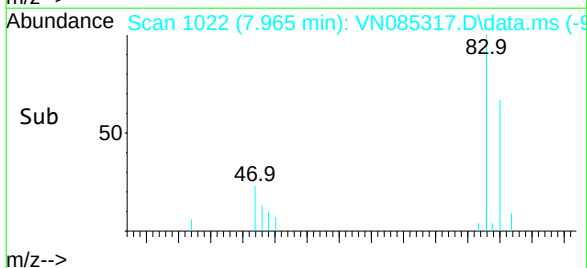
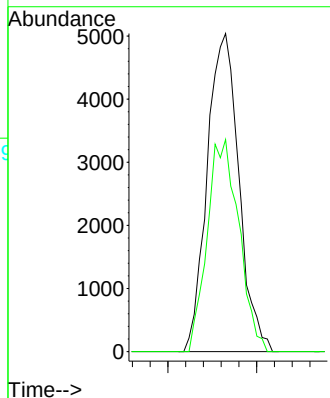
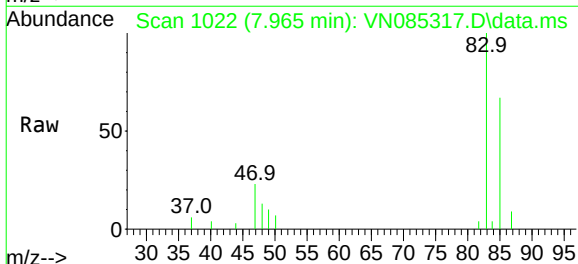
Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-2-MRE

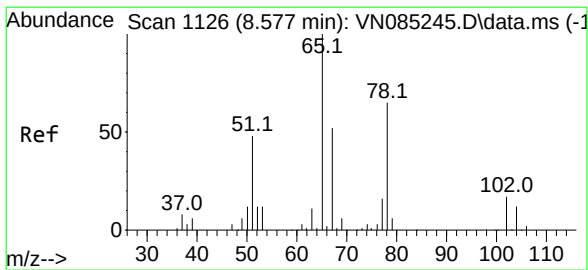
Tgt Ion: 96 Resp: 11902
 Ion Ratio Lower Upper
 96 100
 61 126.2 0.0 316.4
 98 62.2 0.0 125.4



#30
 Chloroform
 Concen: 3.202 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN085317.D
 Acq: 26 Dec 2024 15:00

Tgt Ion: 83 Resp: 12491
 Ion Ratio Lower Upper
 83 100
 85 66.7 51.4 77.0

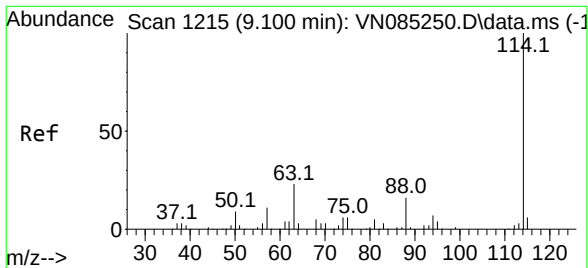
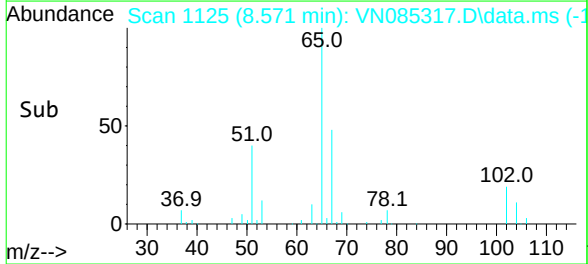
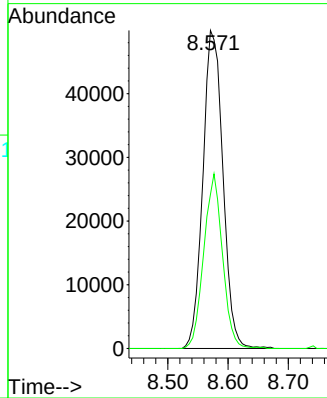
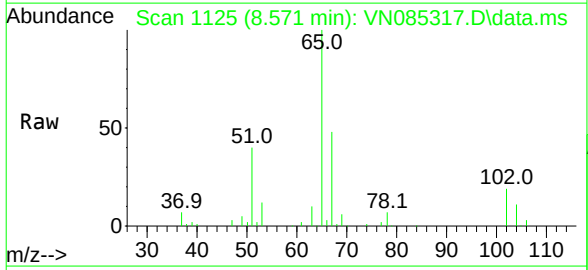




#33
1,2-Dichloroethane-d4
Concen: 44.218 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

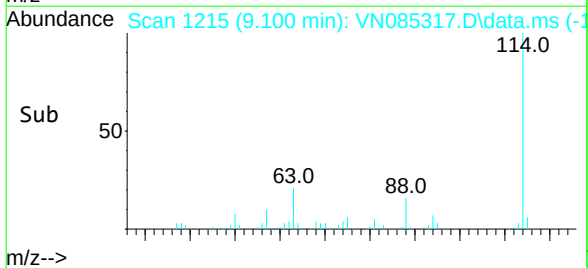
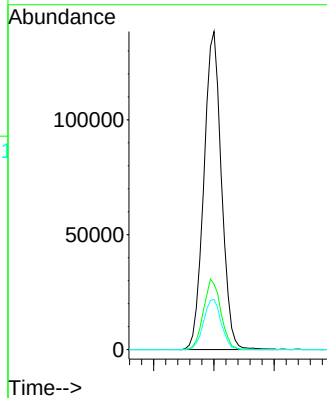
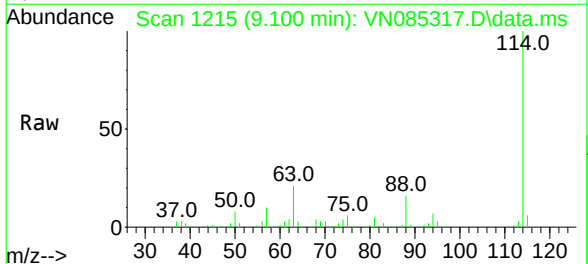
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-MRE

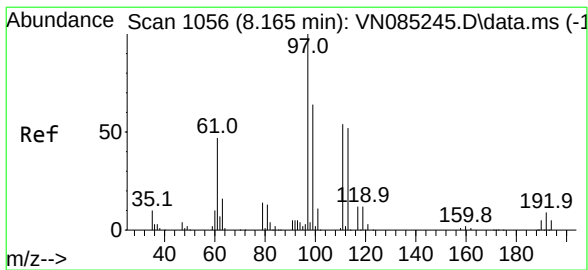
Tgt Ion: 65 Resp: 115581
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

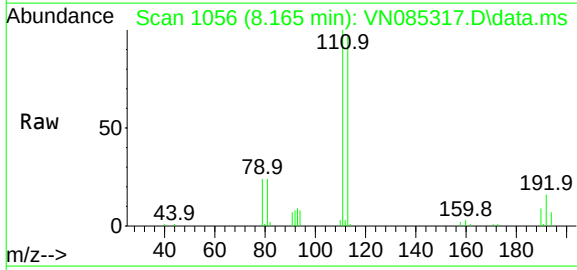
Tgt Ion: 114 Resp: 279987
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.2
88 15.8 0.0 32.6



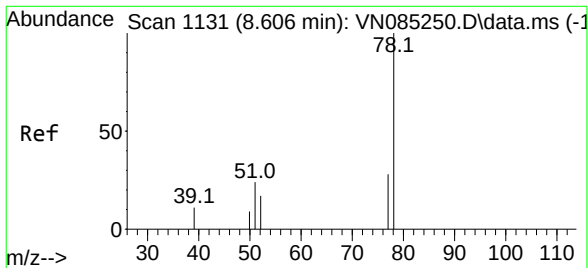
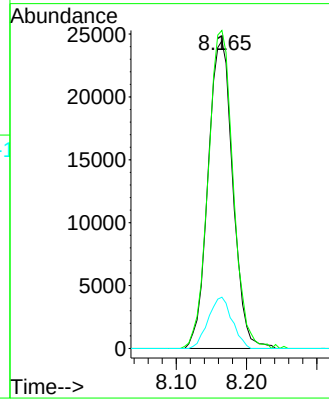
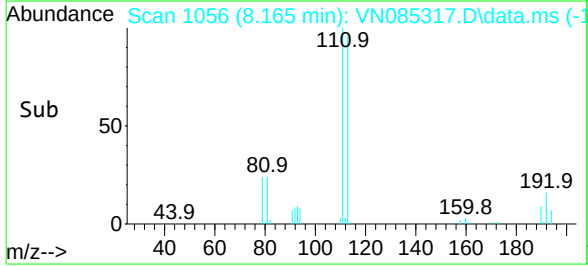


#35
Dibromofluoromethane
Concen: 30.452 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-MRE

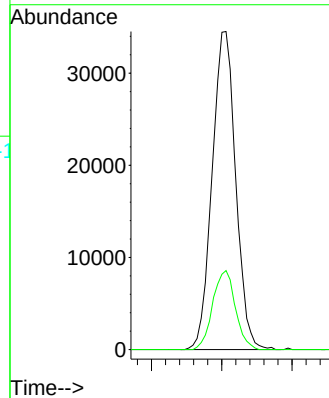
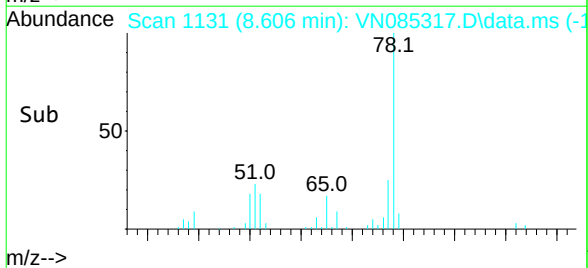
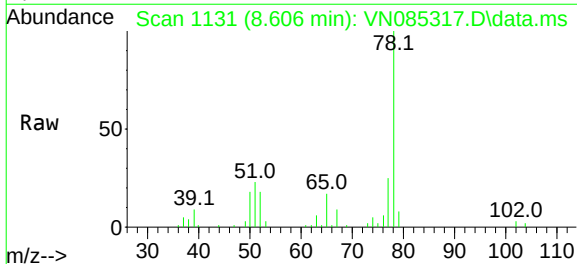


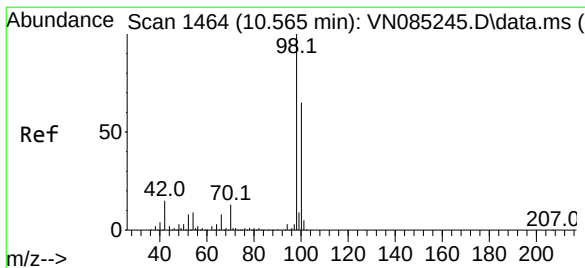
Tgt Ion: 113 Resp: 59944
Ion Ratio Lower Upper
113 100
111 103.7 82.1 123.1
192 16.1 13.4 20.0



#40
Benzene
Concen: 9.421 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

Tgt Ion: 78 Resp: 80335
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3





#50

Toluene-d8

Concen: 47.687 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

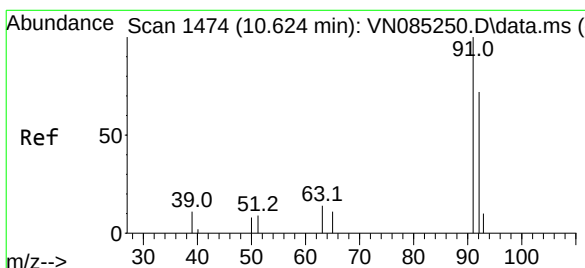
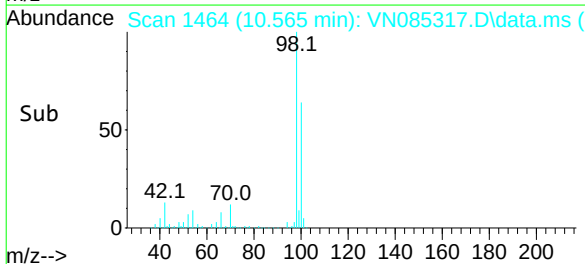
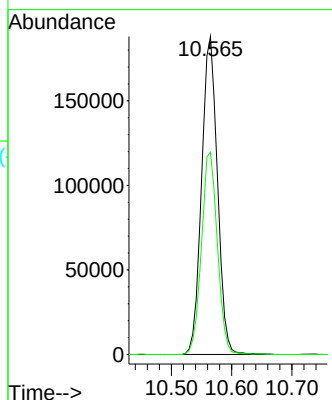
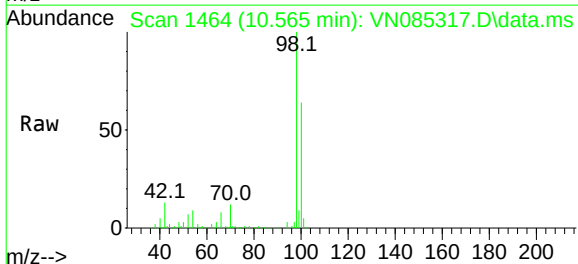
SPLP-C12-2-MRE

Tgt Ion: 98 Resp: 343094

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#52

Toluene

Concen: 14.665 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN085317.D

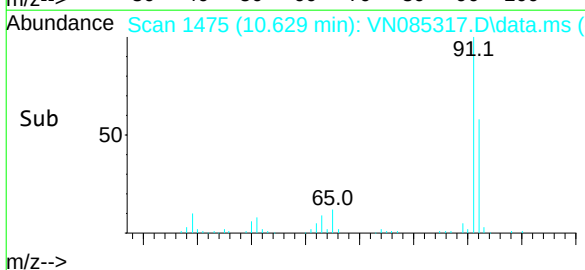
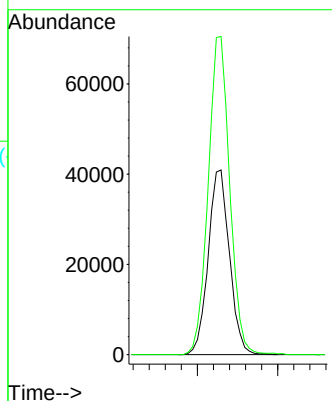
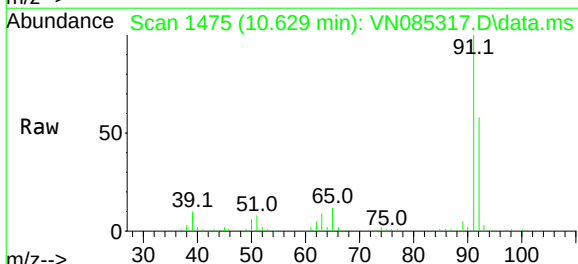
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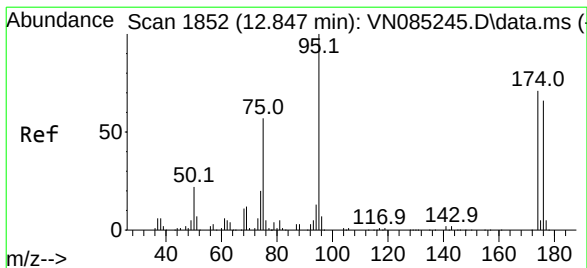
Tgt Ion: 92 Resp: 75193

Ion Ratio Lower Upper

92 100

91 174.5 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 49.805 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085317.D

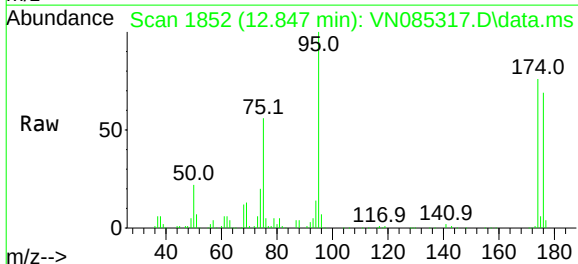
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Instrument :

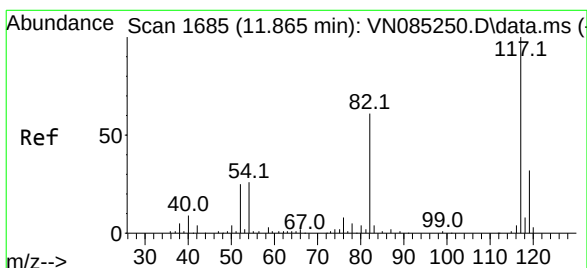
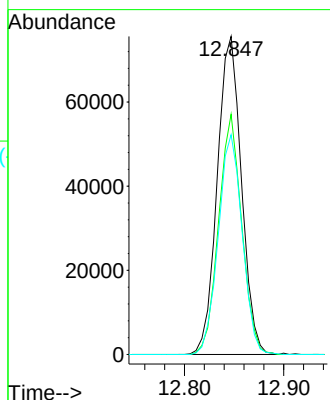
MSVOA_N

ClientSampleId :

SPLP-C12-2-MRE



Tgt Ion:	95	Resp:	127986
Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	144.4
176	68.3	0.0	136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

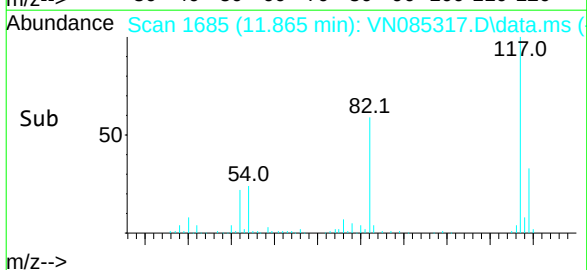
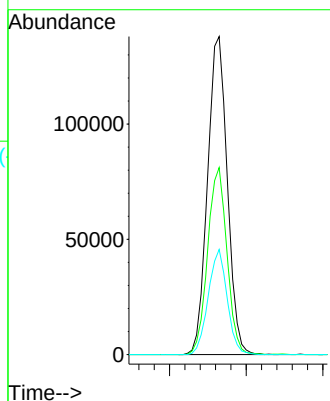
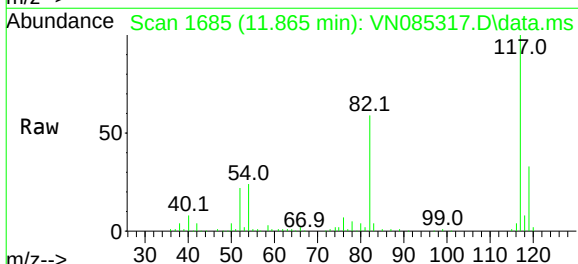
RT: 11.865 min Scan# 1685

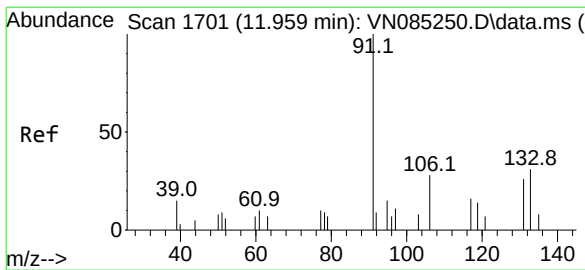
Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Tgt Ion:	117	Resp:	247264
Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.4	71.2
119	33.1	25.6	38.4





#67

Ethyl Benzene

Concen: 72.732 ug/l

RT: 11.959 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

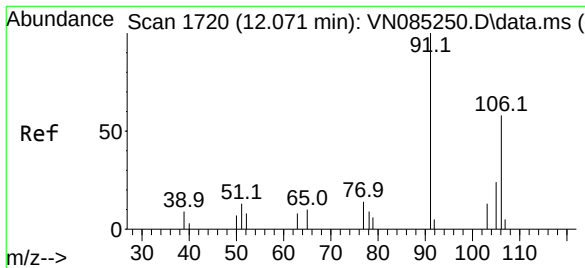
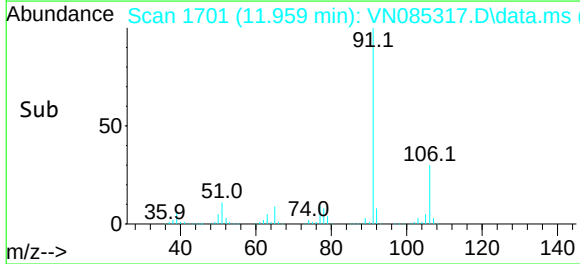
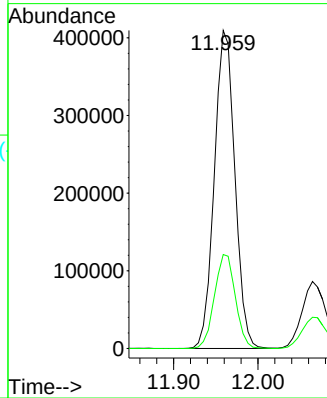
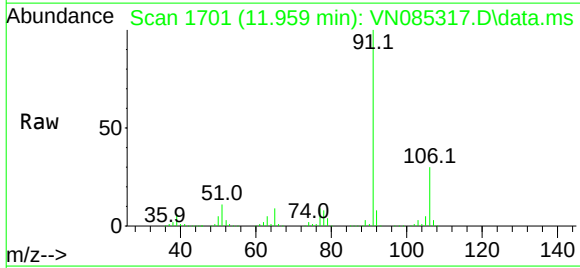
SPLP-C12-2-MRE

Tgt Ion: 91 Resp: 692900

Ion Ratio Lower Upper

91 100

106 29.5 23.5 35.3



#68

m/p-Xylenes

Concen: 22.573 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085317.D

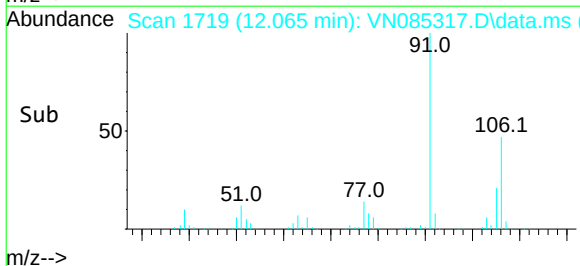
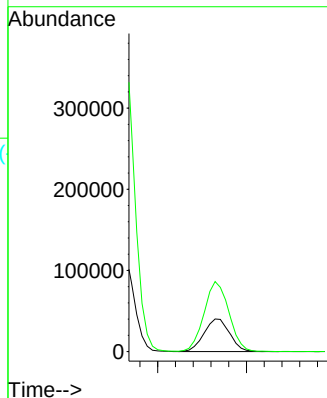
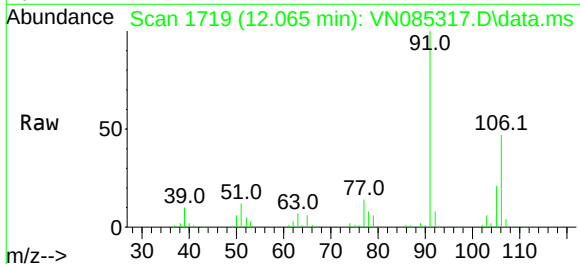
Acq: 26 Dec 2024 15:00

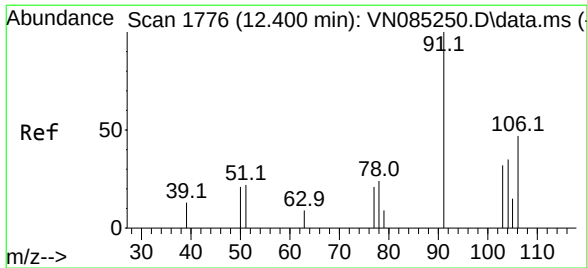
Tgt Ion:106 Resp: 80429

Ion Ratio Lower Upper

106 100

91 208.9 168.3 252.5





#69

o-Xylene

Concen: 20.825 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

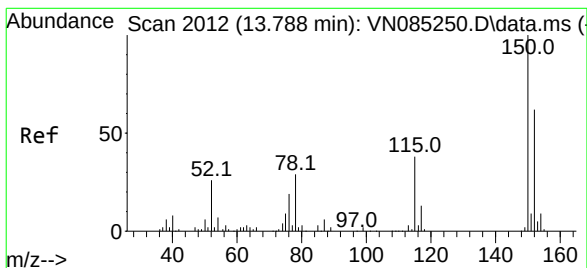
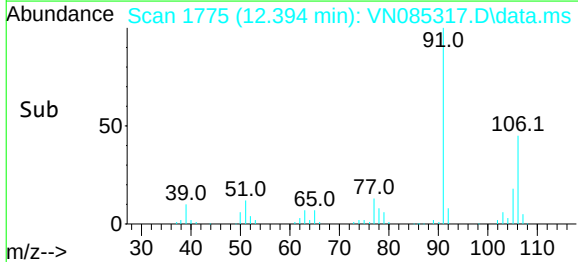
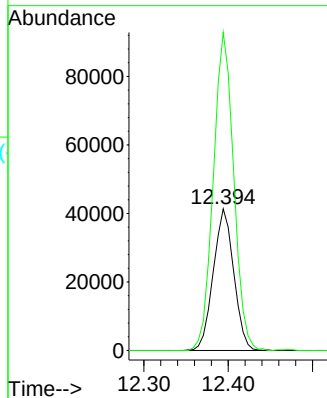
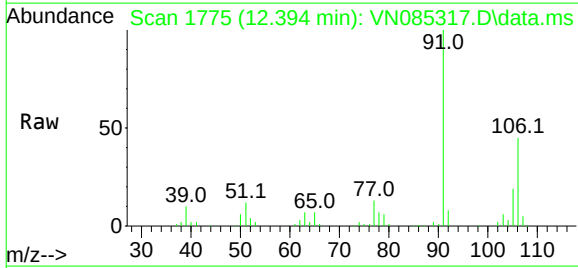
SPLP-C12-2-MRE

Tgt Ion:106 Resp: 69746

Ion Ratio Lower Upper

106 100

91 223.6 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

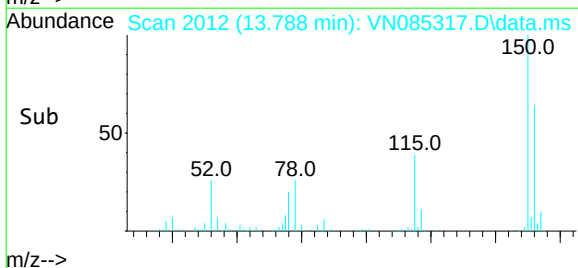
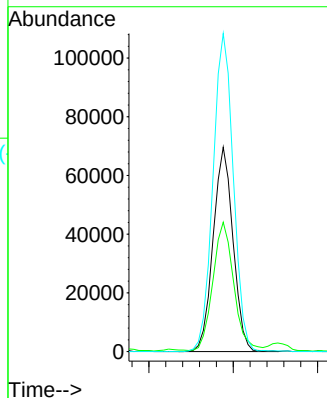
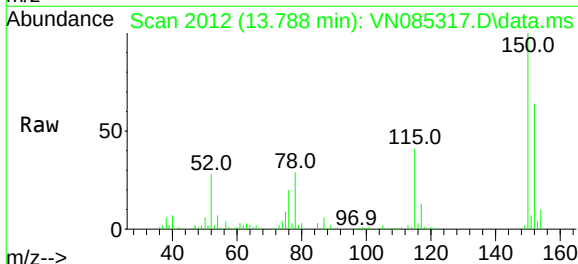
Tgt Ion:152 Resp: 114087

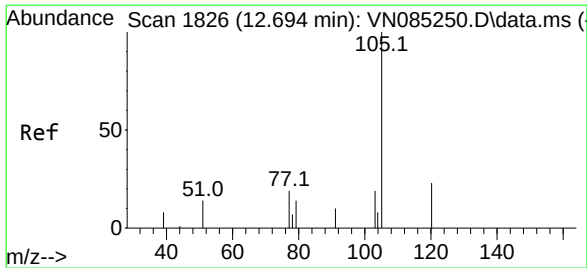
Ion Ratio Lower Upper

152 100

115 65.5 32.1 96.3

150 159.3 0.0 354.6





#73

Isopropylbenzene

Concen: 5.992 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

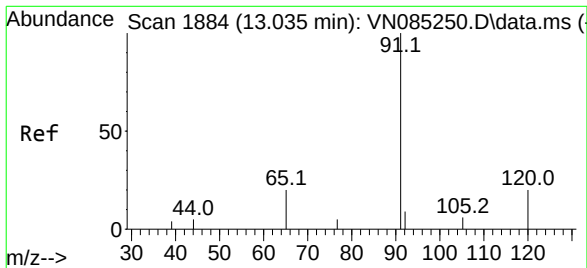
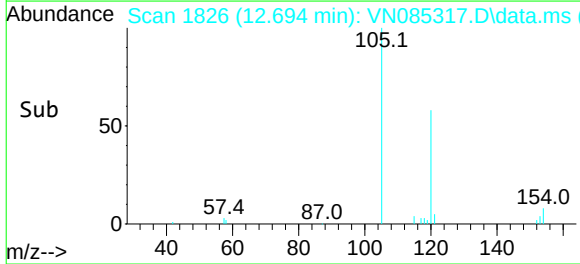
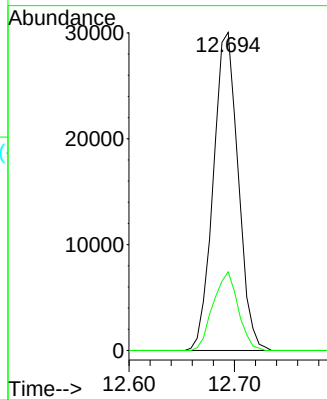
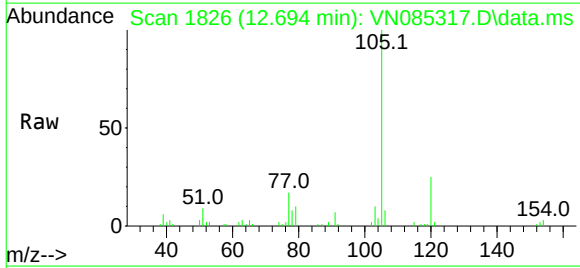
SPLP-C12-2-MRE

Tgt Ion:105 Resp: 49316

Ion Ratio Lower Upper

105 100

120 24.8 13.0 38.9



#78

n-propylbenzene

Concen: 2.056 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN085317.D

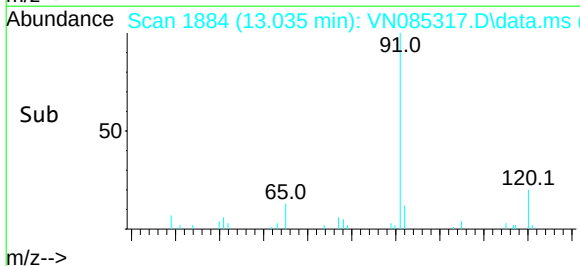
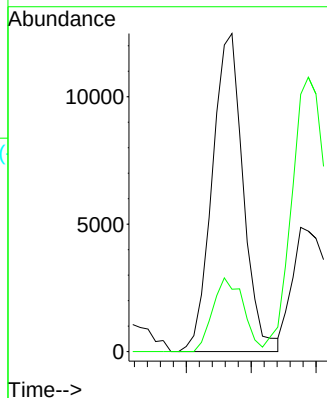
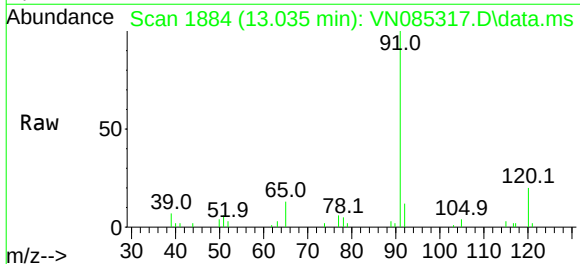
Acq: 26 Dec 2024 15:00

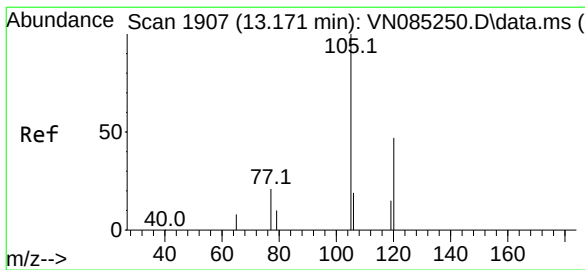
Tgt Ion: 91 Resp: 20753

Ion Ratio Lower Upper

91 100

120 22.9 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 5.675 ug/l

RT: 13.170 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085317.D

Acq: 26 Dec 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :

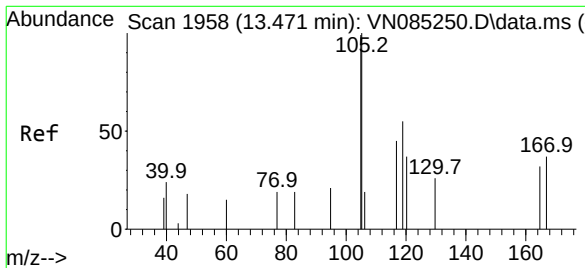
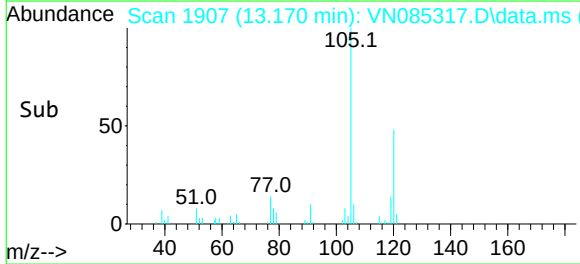
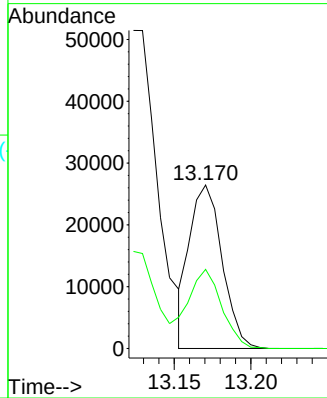
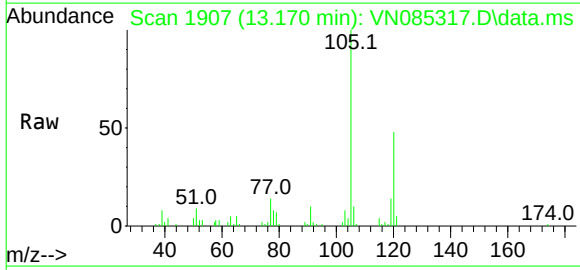
SPLP-C12-2-MRE

Tgt Ion:105 Resp: 38955

Ion Ratio Lower Upper

105 100

120 51.5 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 21.430 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085317.D

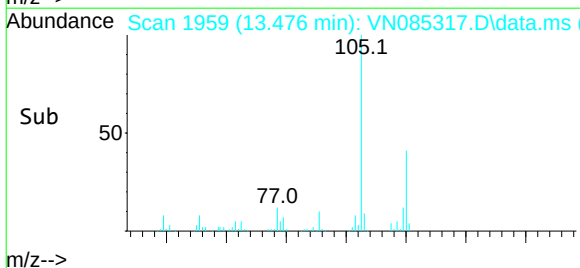
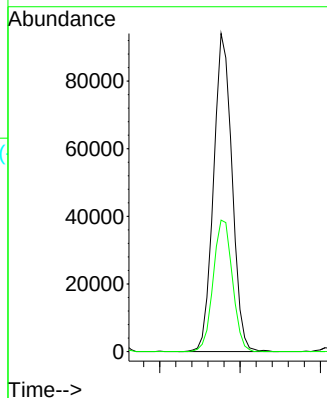
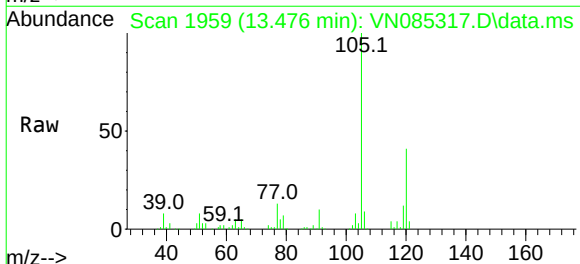
Acq: 26 Dec 2024 15:00

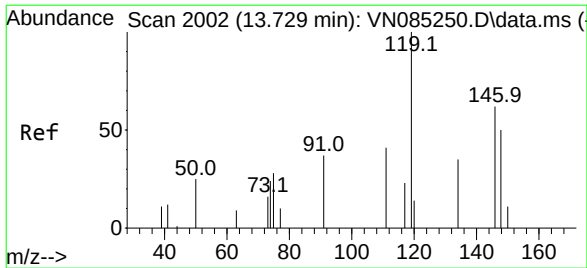
Tgt Ion:105 Resp: 150370

Ion Ratio Lower Upper

105 100

120 43.1 21.8 65.3

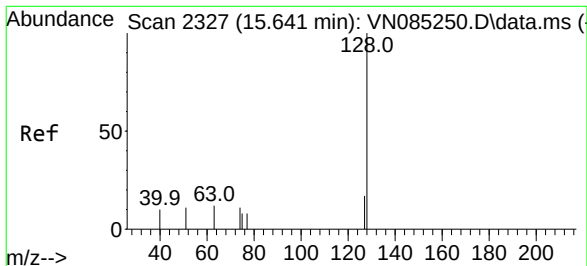
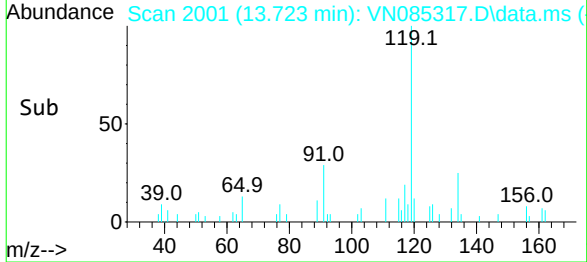
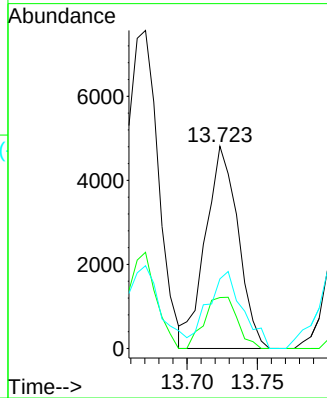
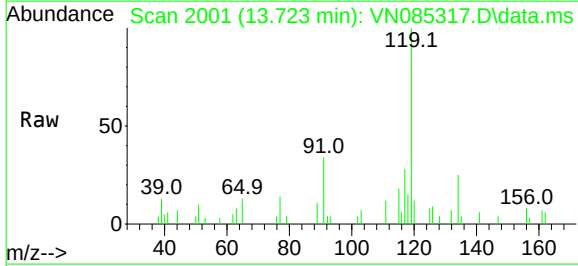




#86
p-Isopropyltoluene
Concen: 2.899 ug/l
RT: 13.723 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-MRE

Tgt Ion:119 Resp: 7784
Ion Ratio Lower Upper
119 100
134 25.6 12.5 37.5
91 0.0 13.0 38.9#



#95
Naphthalene
Concen: 1299.069 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085317.D
Acq: 26 Dec 2024 15:00

Tgt Ion:128 Resp: 8150573
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.1 8.6 13.0

