

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085315.D
 Acq On : 26 Dec 2024 14:12
 Operator : JC\MD
 Sample : P5371-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-3-MRE

Quant Time: Dec 27 00:45:25 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)

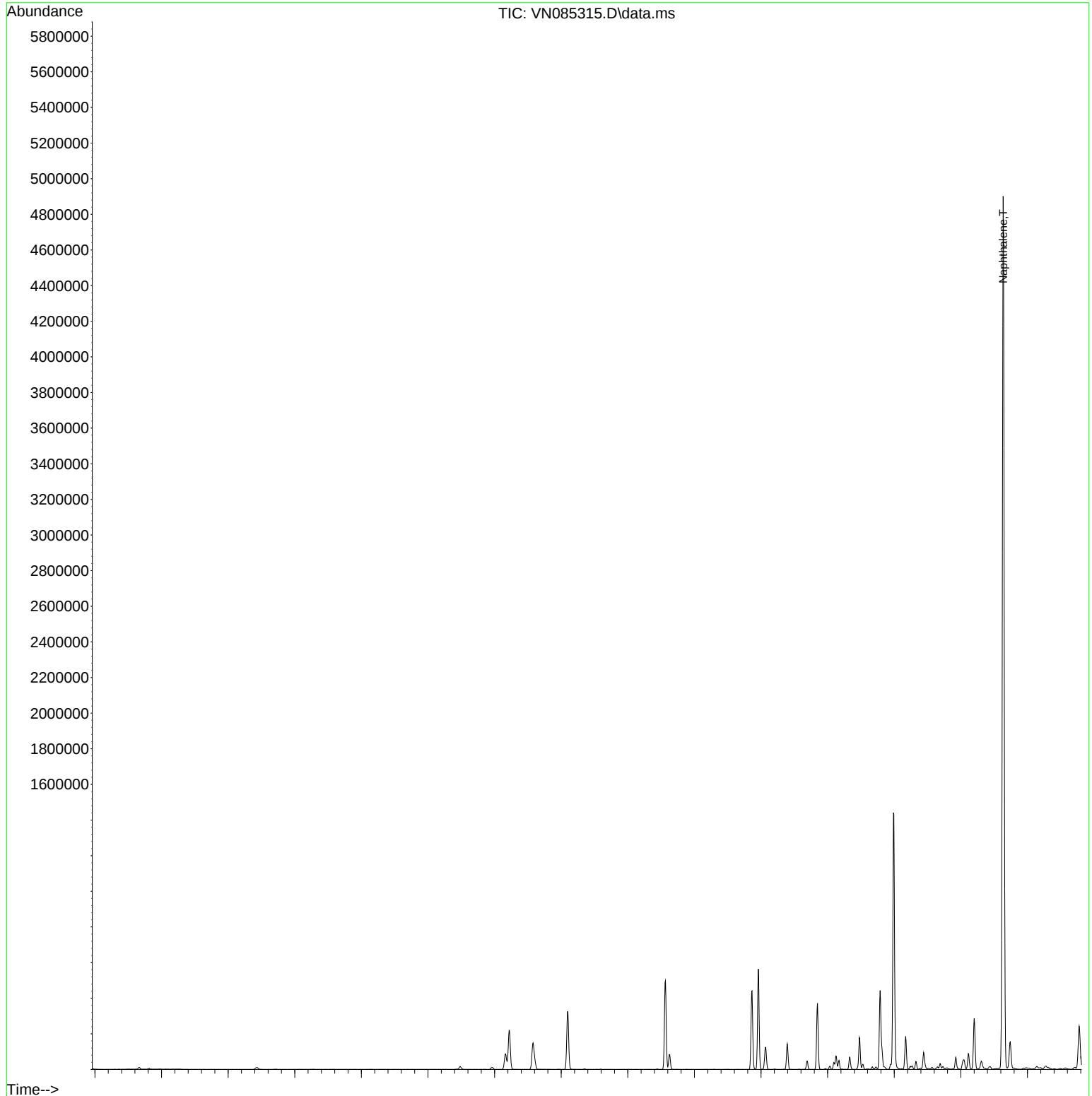
Internal Standards						
1) Pentafluorobenzene	8.218	168	152126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114507	43.065	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.140%		
35) Dibromofluoromethane	8.165	113	63325	32.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	65.320%#		
50) Toluene-d8	10.565	98	339611	47.922	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.840%		
62) 4-Bromofluorobenzene	12.847	95	124635	49.240	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.480%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	21792	23.744	ug/l	94
27) cis-1,2-Dichloroethene	7.483	96	6743	3.025	ug/l	79
30) Chloroform	7.965	83	11768	2.965	ug/l	99
40) Benzene	8.606	78	40115	4.776	ug/l	96
52) Toluene	10.630	92	35830	7.095	ug/l	99
67) Ethyl Benzene	11.959	91	396222	42.447	ug/l	100
68) m/p-Xylenes	12.065	106	39601	11.343	ug/l	99
69) o-Xylene	12.394	106	37171	11.327	ug/l	99
73) Isopropylbenzene	12.694	105	31660	4.015	ug/l	99
78) n-propylbenzene	13.035	91	15233	1.575	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	24697	3.755	ug/l	94
84) 1,2,4-Trimethylbenzene	13.476	105	98233	14.613	ug/l	99
86) p-Isopropyltoluene	13.723	119	5582	2.660	ug/l #	72
95) Naphthalene	15.635	128	4350456	723.774	ug/l	99

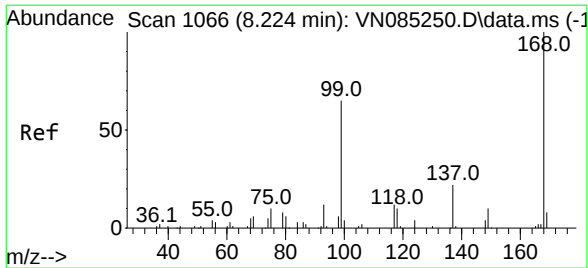
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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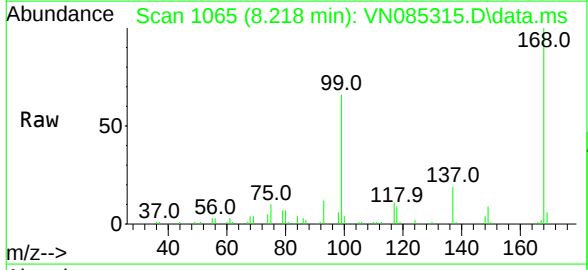
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
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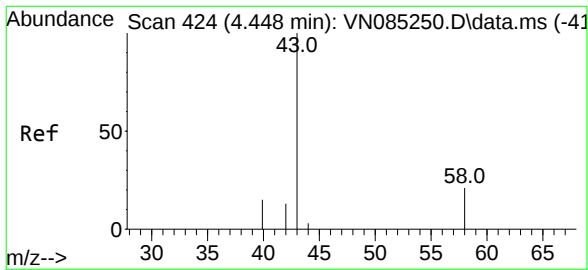
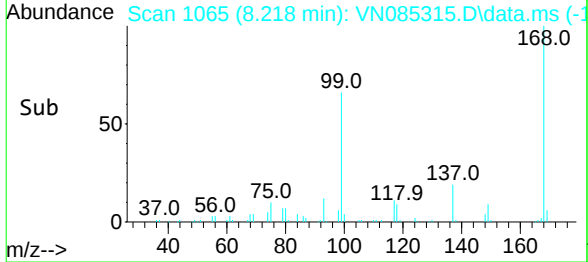
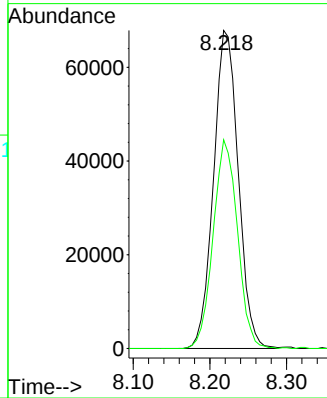


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-MRE

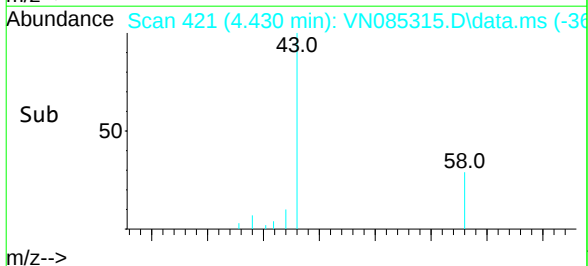
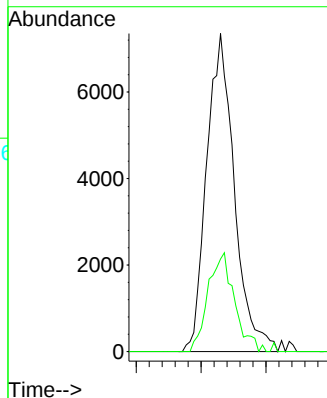
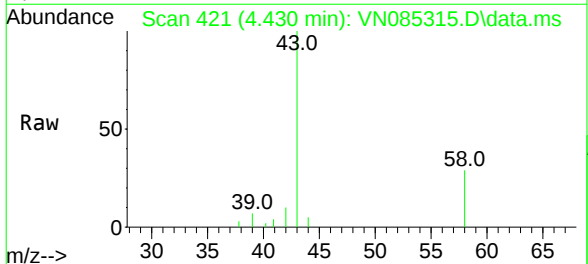


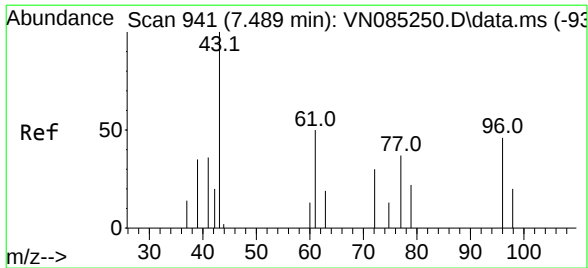
Tgt Ion:168 Resp: 152126
Ion Ratio Lower Upper
168 100
99 65.6 50.7 76.1



#16
Acetone
Concen: 23.744 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

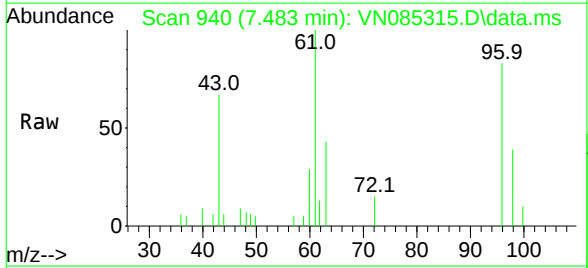
Tgt Ion: 43 Resp: 21792
Ion Ratio Lower Upper
43 100
58 29.1 20.8 31.2



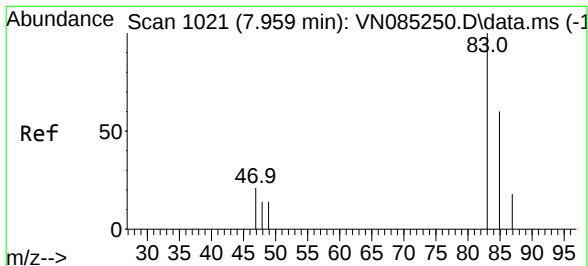
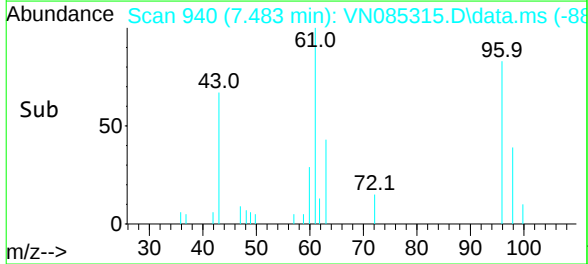
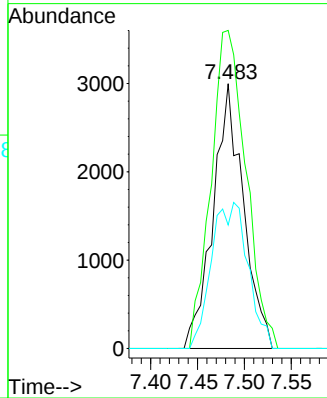


#27
 cis-1,2-Dichloroethene
 Concen: 3.025 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN085315.D
 Acq: 26 Dec 2024 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-3-MRE

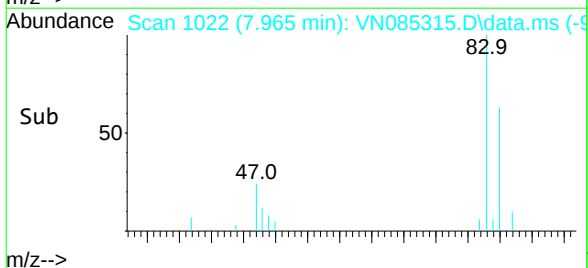
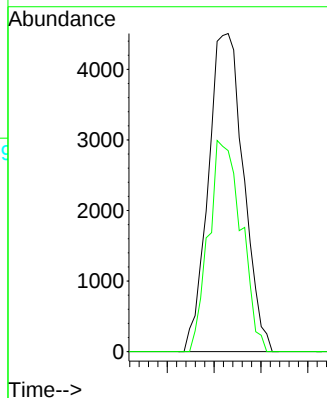
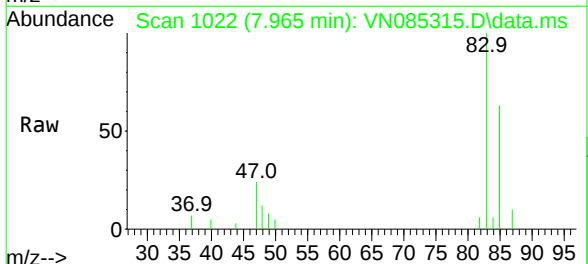


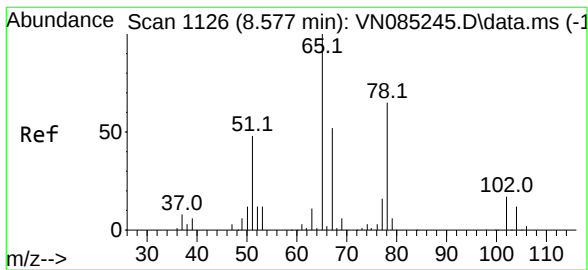
Tgt Ion: 96 Resp: 6743
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 316.4
 98 34.4 0.0 125.4



#30
 Chloroform
 Concen: 2.965 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. 0.000 min
 Lab File: VN085315.D
 Acq: 26 Dec 2024 14:12

Tgt Ion: 83 Resp: 11768
 Ion Ratio Lower Upper
 83 100
 85 63.2 51.4 77.0

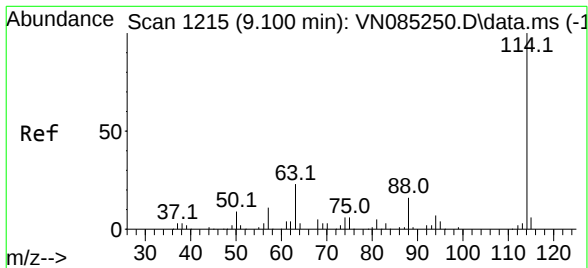
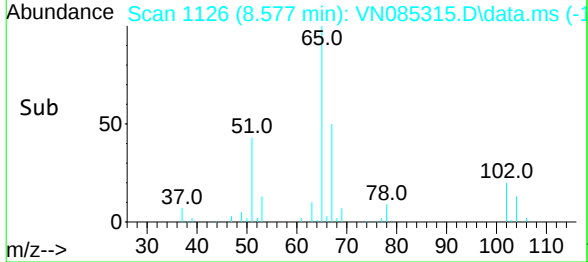
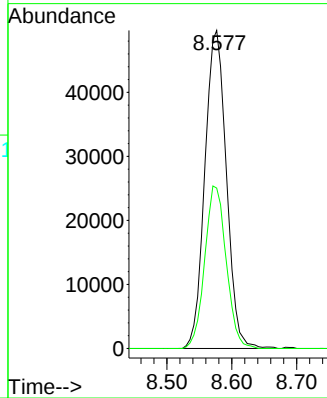
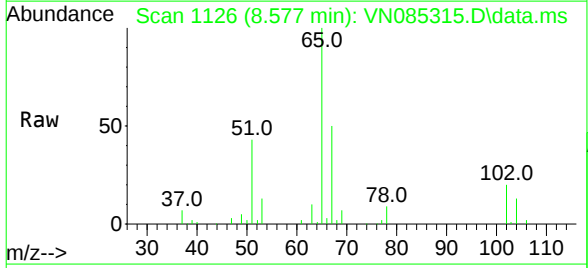




#33
1,2-Dichloroethane-d4
Concen: 43.065 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

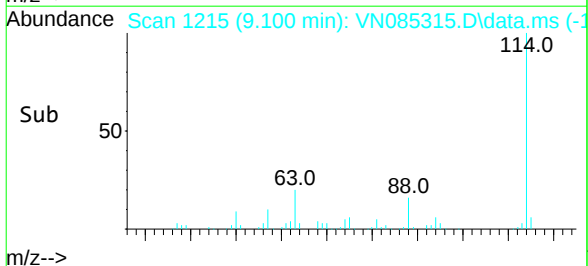
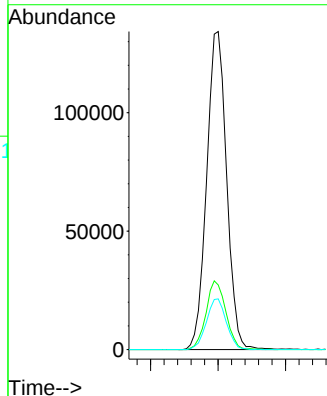
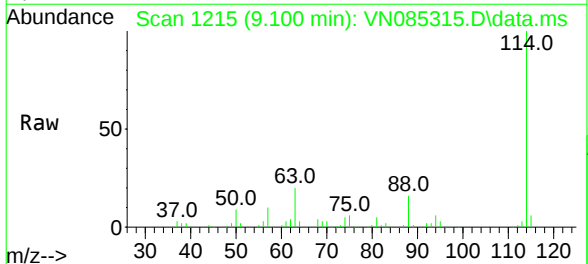
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-MRE

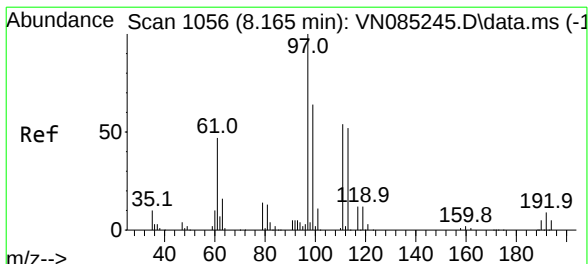
Tgt Ion: 65 Resp: 114507
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

Tgt Ion: 114 Resp: 275786
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.2
88 15.9 0.0 32.6

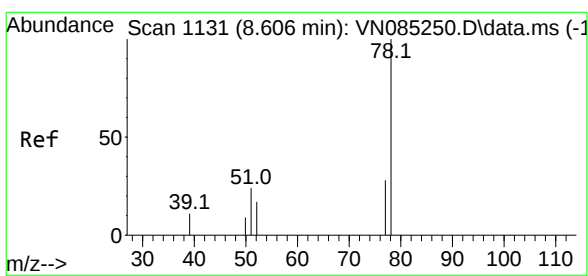
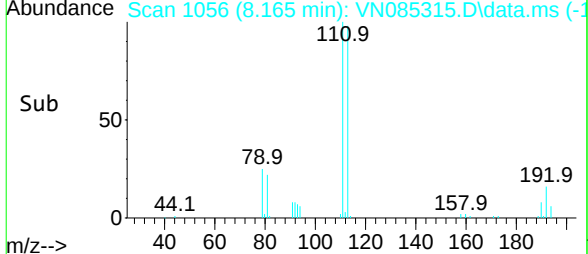
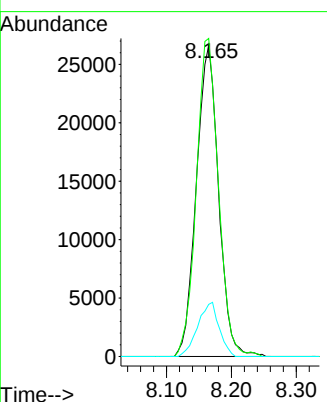
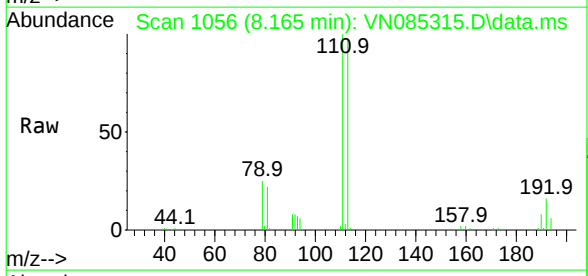




#35
 Dibromofluoromethane
 Concen: 32.660 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN085315.D
 Acq: 26 Dec 2024 14:12

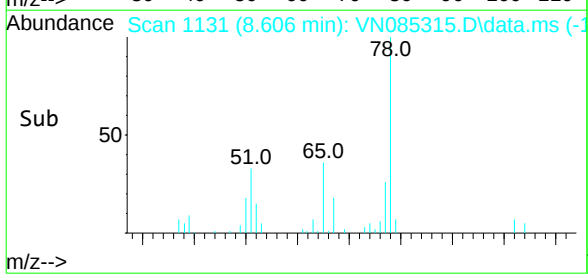
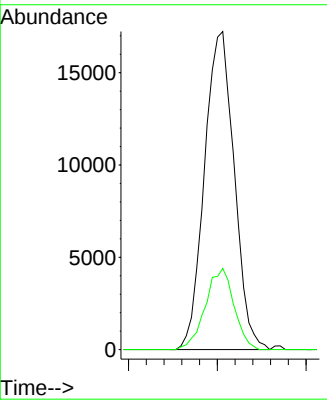
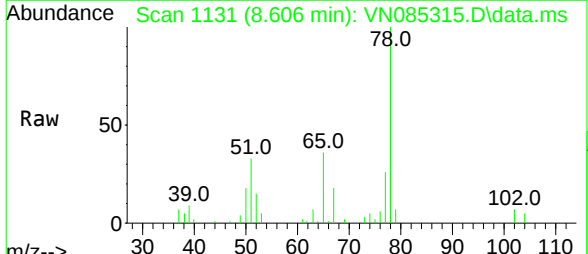
Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-3-MRE

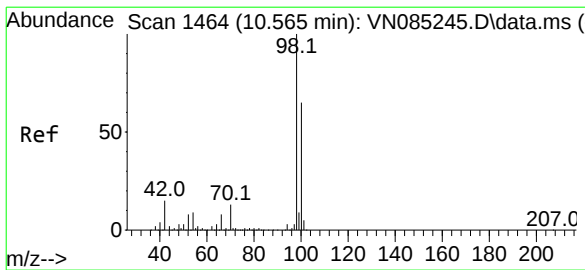
Tgt Ion:	113	Resp:	63325
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.1	123.1
192	16.7	13.4	20.0



#40
 Benzene
 Concen: 4.776 ug/l
 RT: 8.606 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: VN085315.D
 Acq: 26 Dec 2024 14:12

Tgt Ion:	78	Resp:	40115
Ion	Ratio	Lower	Upper
78	100		
77	25.5	18.9	28.3





#50

Toluene-d8

Concen: 47.922 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

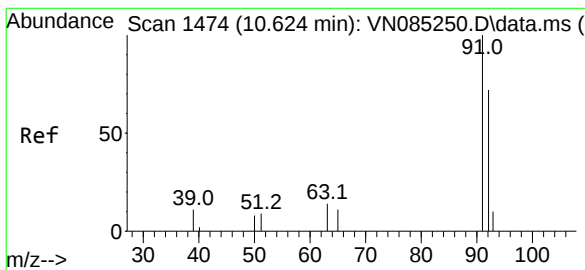
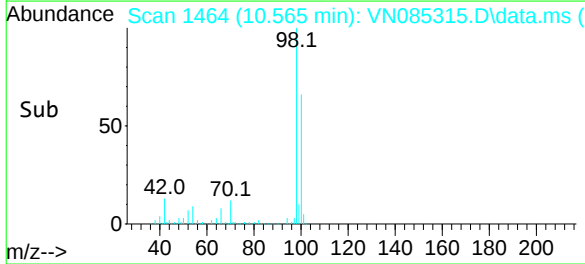
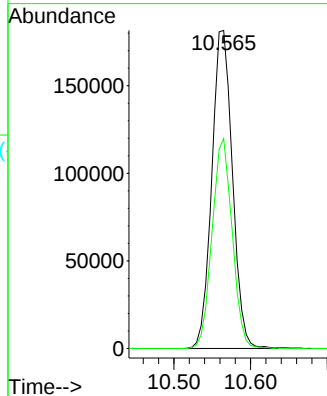
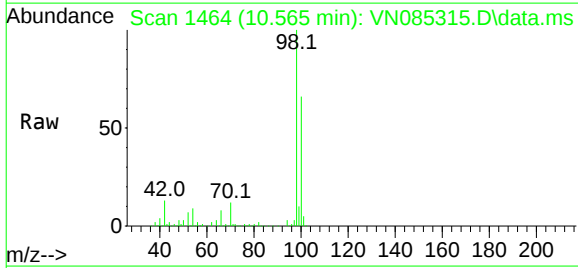
SPLP-C11-3-MRE

Tgt Ion: 98 Resp: 339611

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#52

Toluene

Concen: 7.095 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN085315.D

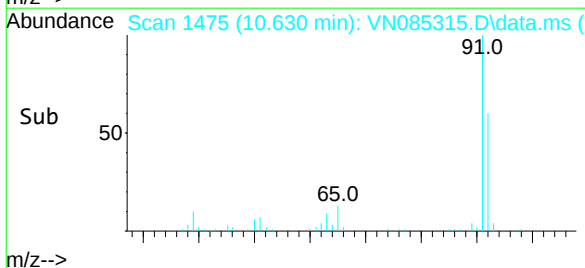
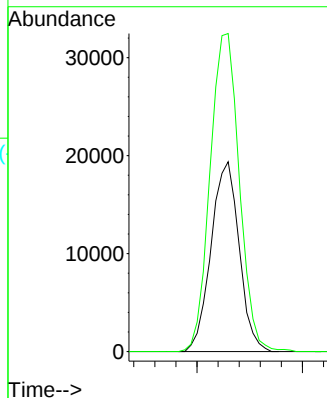
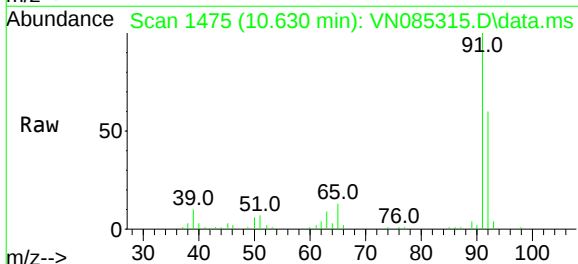
Acq: 26 Dec 2024 14:12

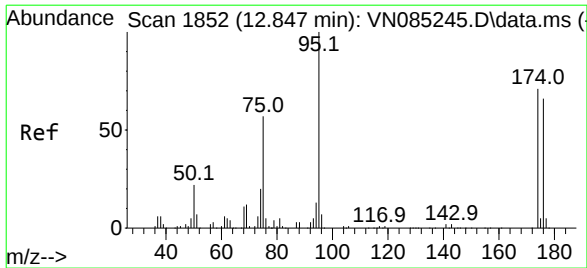
Tgt Ion: 92 Resp: 35830

Ion Ratio Lower Upper

92 100

91 174.6 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 49.240 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085315.D

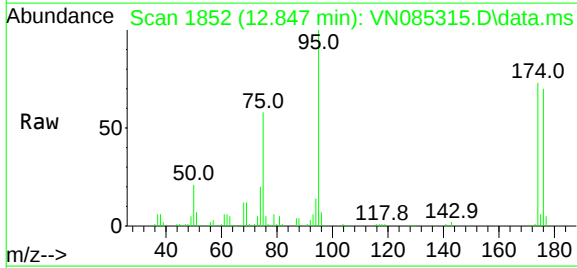
Acq: 26 Dec 2024 14:12

Instrument :

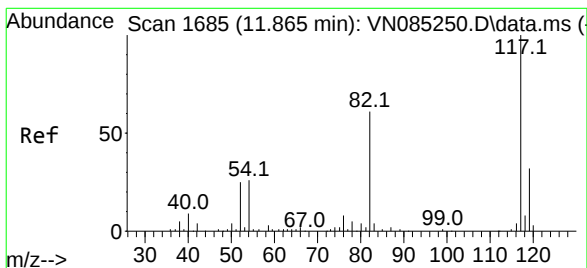
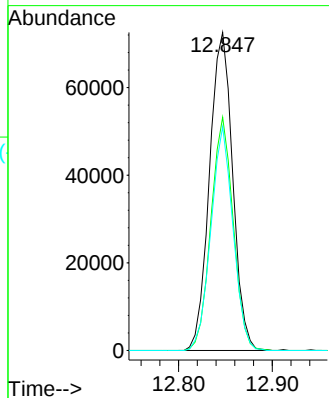
MSVOA_N

ClientSampleId :

SPLP-C11-3-MRE



Tgt Ion:	95	Resp:	124635
Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	144.4
176	67.2	0.0	136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

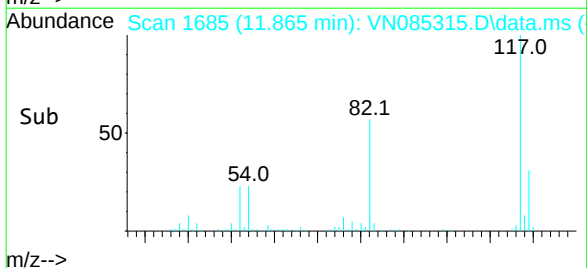
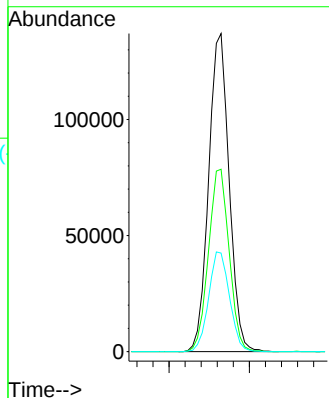
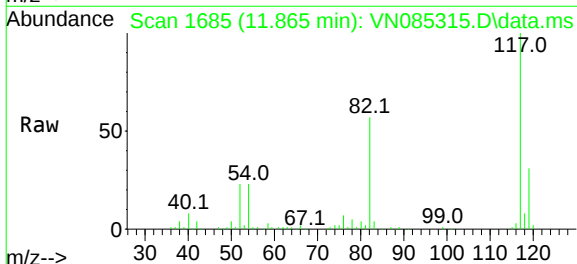
RT: 11.865 min Scan# 1685

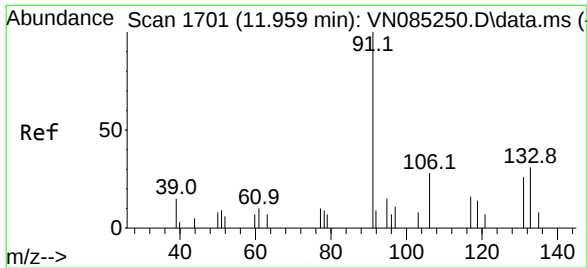
Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

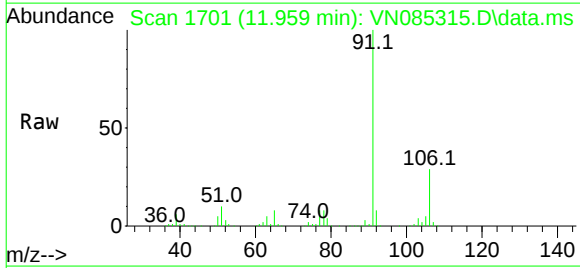
Tgt Ion:	117	Resp:	242276
Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.4	71.2
119	31.0	25.6	38.4



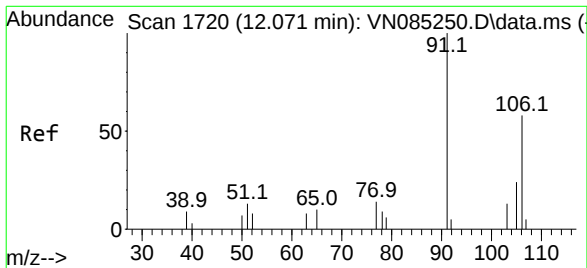
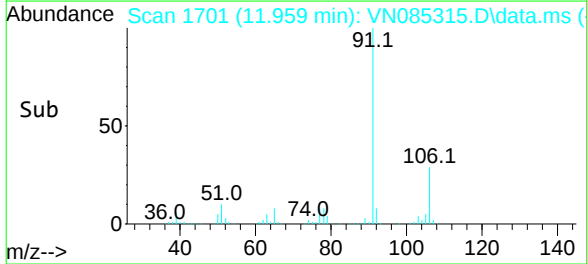
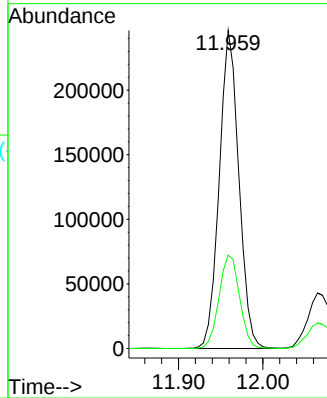


#67
Ethyl Benzene
Concen: 42.447 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

Instrument :
MSVOA_N
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SPLP-C11-3-MRE

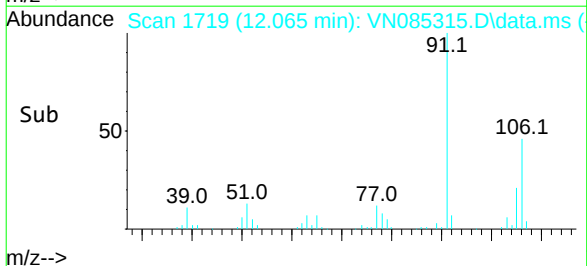
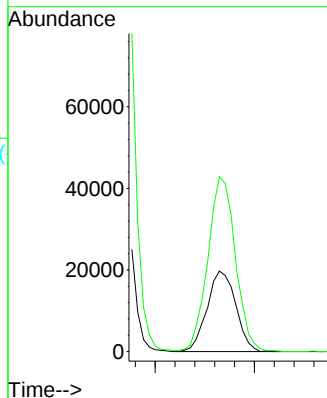
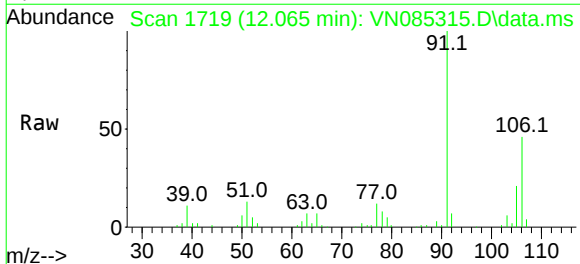


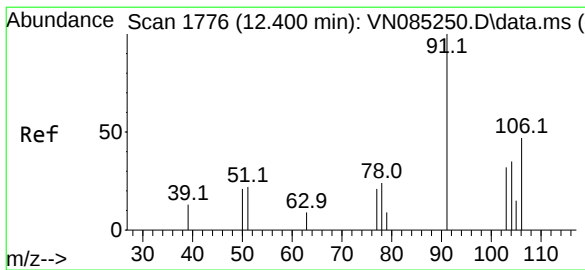
Tgt Ion: 91 Resp: 396222
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3



#68
m/p-Xylenes
Concen: 11.343 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085315.D
Acq: 26 Dec 2024 14:12

Tgt Ion: 106 Resp: 39601
Ion Ratio Lower Upper
106 100
91 209.4 168.3 252.5





#69

o-Xylene

Concen: 11.327 ug/l

RT: 12.394 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

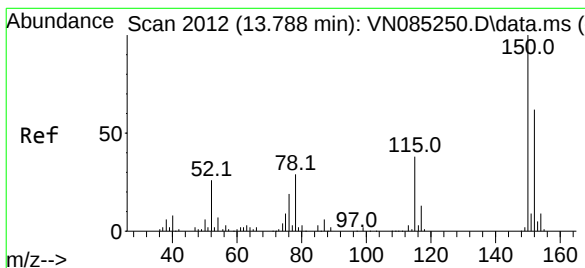
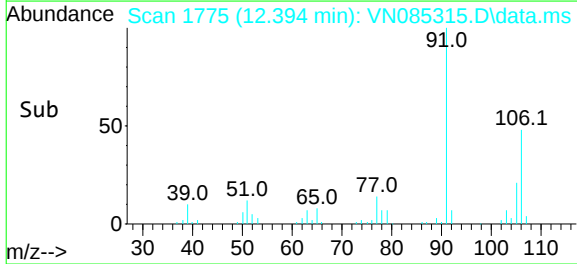
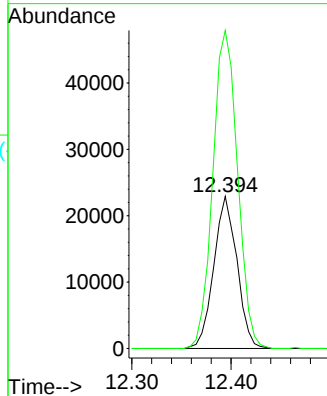
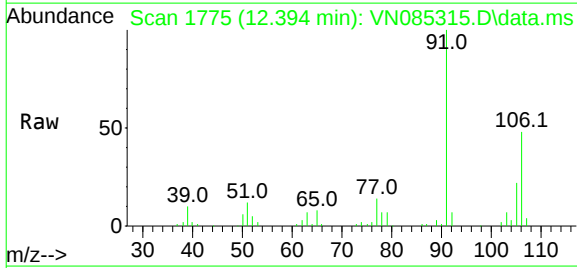
SPLP-C11-3-MRE

Tgt Ion:106 Resp: 37171

Ion Ratio Lower Upper

106 100

91 222.9 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

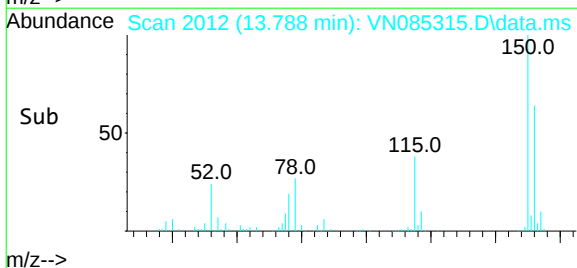
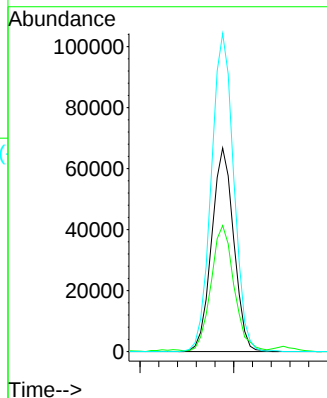
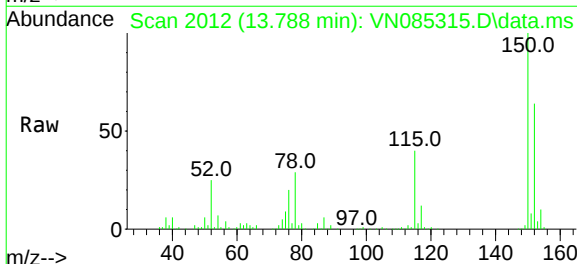
Tgt Ion:152 Resp: 109298

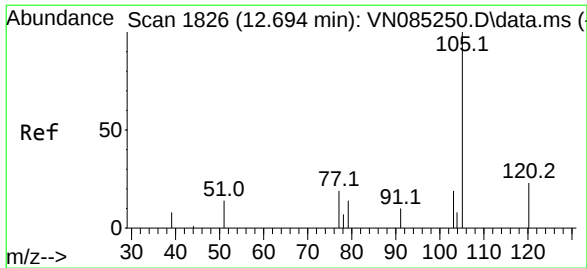
Ion Ratio Lower Upper

152 100

115 63.6 32.1 96.3

150 158.8 0.0 354.6





#73

Isopropylbenzene

Concen: 4.015 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

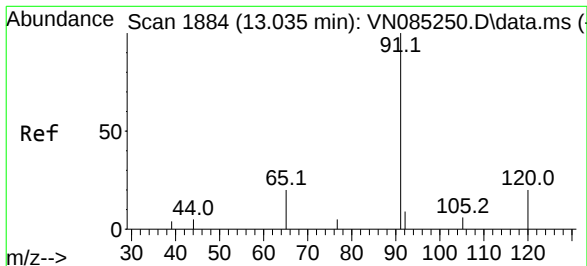
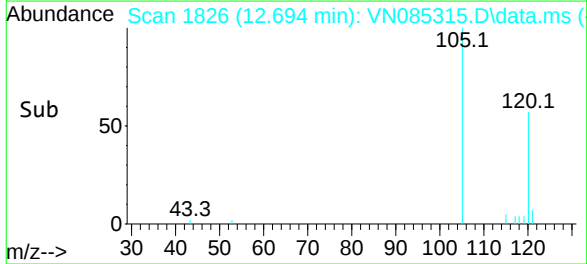
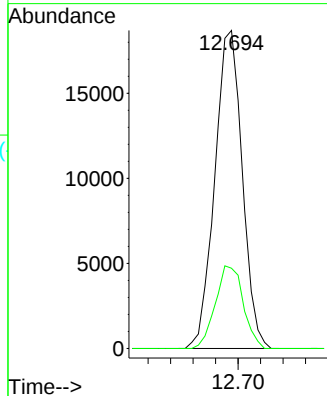
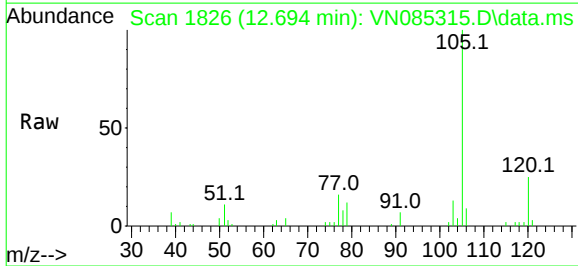
SPLP-C11-3-MRE

Tgt Ion:105 Resp: 31660

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#78

n-propylbenzene

Concen: 1.575 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085315.D

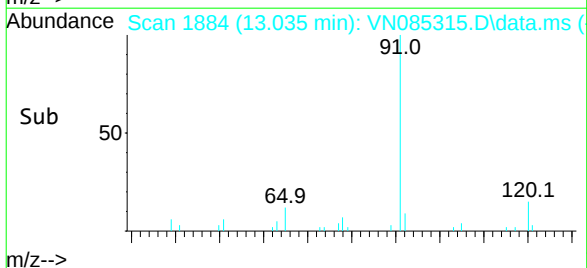
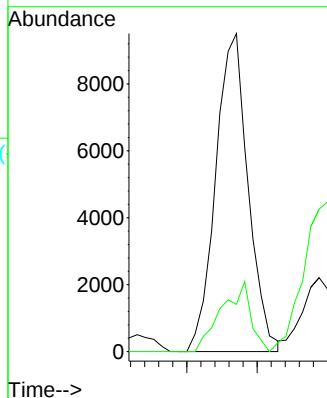
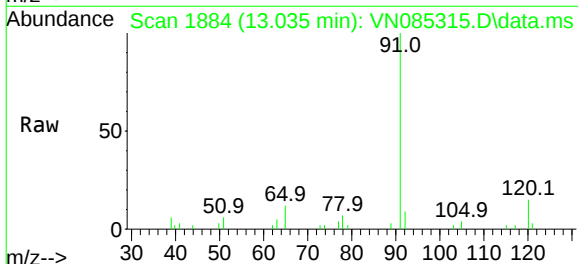
Acq: 26 Dec 2024 14:12

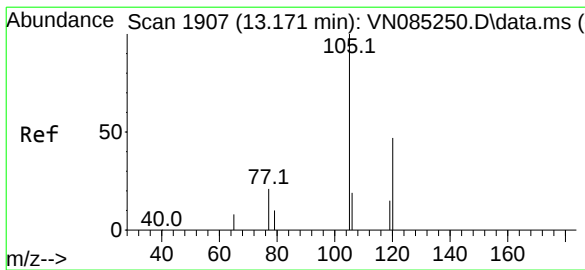
Tgt Ion: 91 Resp: 15233

Ion Ratio Lower Upper

91 100

120 19.7 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 3.755 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

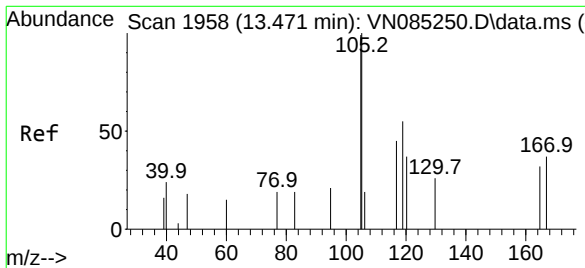
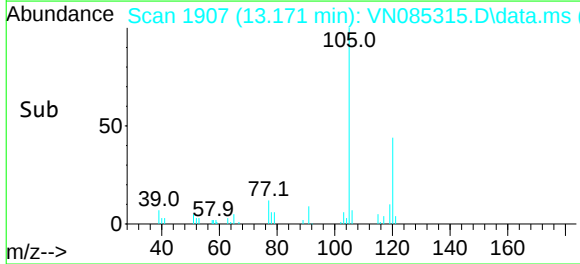
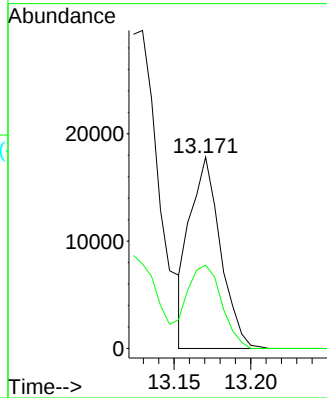
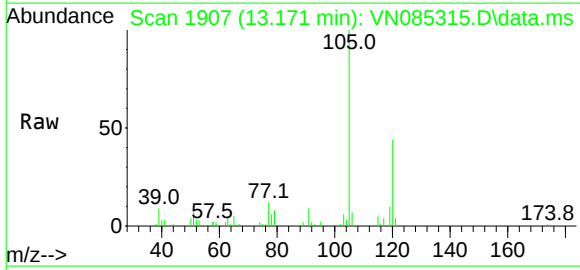
SPLP-C11-3-MRE

Tgt Ion:105 Resp: 24697

Ion Ratio Lower Upper

105 100

120 51.0 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 14.613 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085315.D

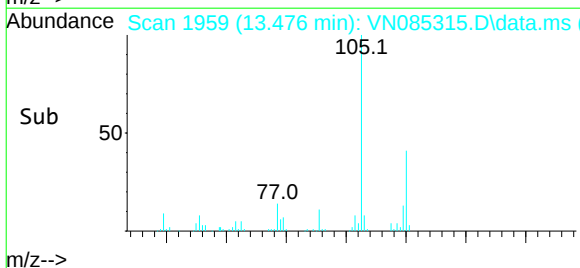
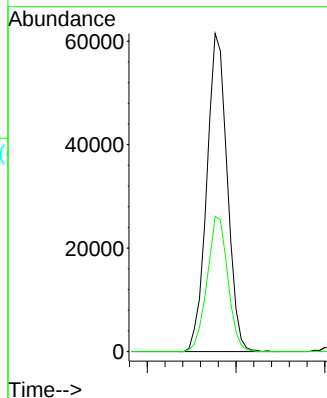
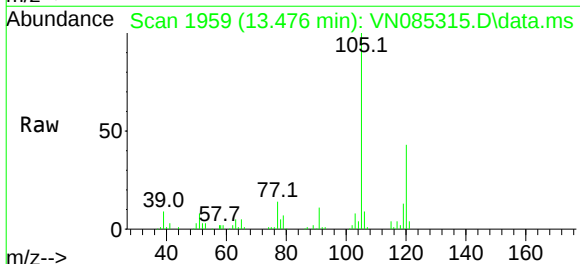
Acq: 26 Dec 2024 14:12

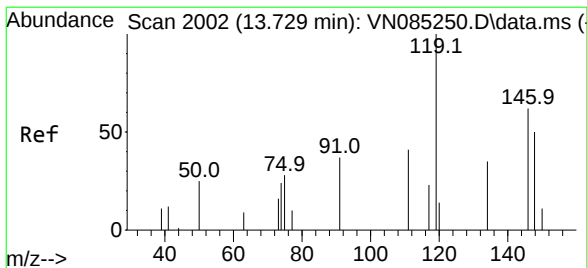
Tgt Ion:105 Resp: 98233

Ion Ratio Lower Upper

105 100

120 43.0 21.8 65.3





#86

p-Isopropyltoluene

Concen: 2.660 ug/l

RT: 13.723 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-3-MRE

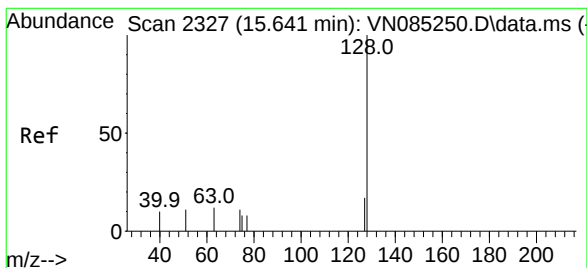
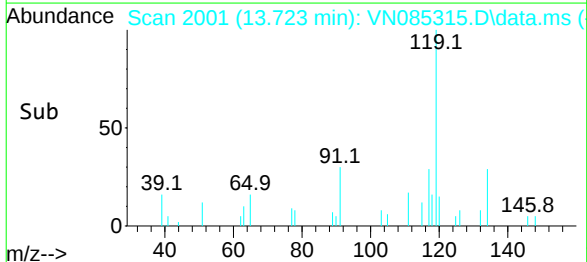
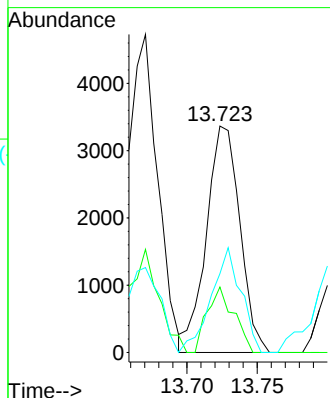
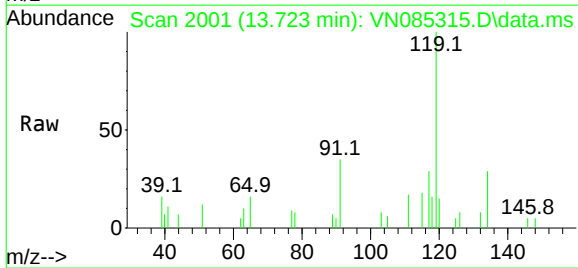
Tgt Ion:119 Resp: 5582

Ion Ratio Lower Upper

119 100

134 23.0 12.5 37.5

91 0.0 13.0 38.9#



#95

Naphthalene

Concen: 723.774 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085315.D

Acq: 26 Dec 2024 14:12

Tgt Ion:128 Resp: 4350456

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.0 8.6 13.0

