

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085318.D
 Acq On : 26 Dec 2024 15:24
 Operator : JC\MD
 Sample : P5371-09RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-3-MRE

Quant Time: Dec 27 00:47:22 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)

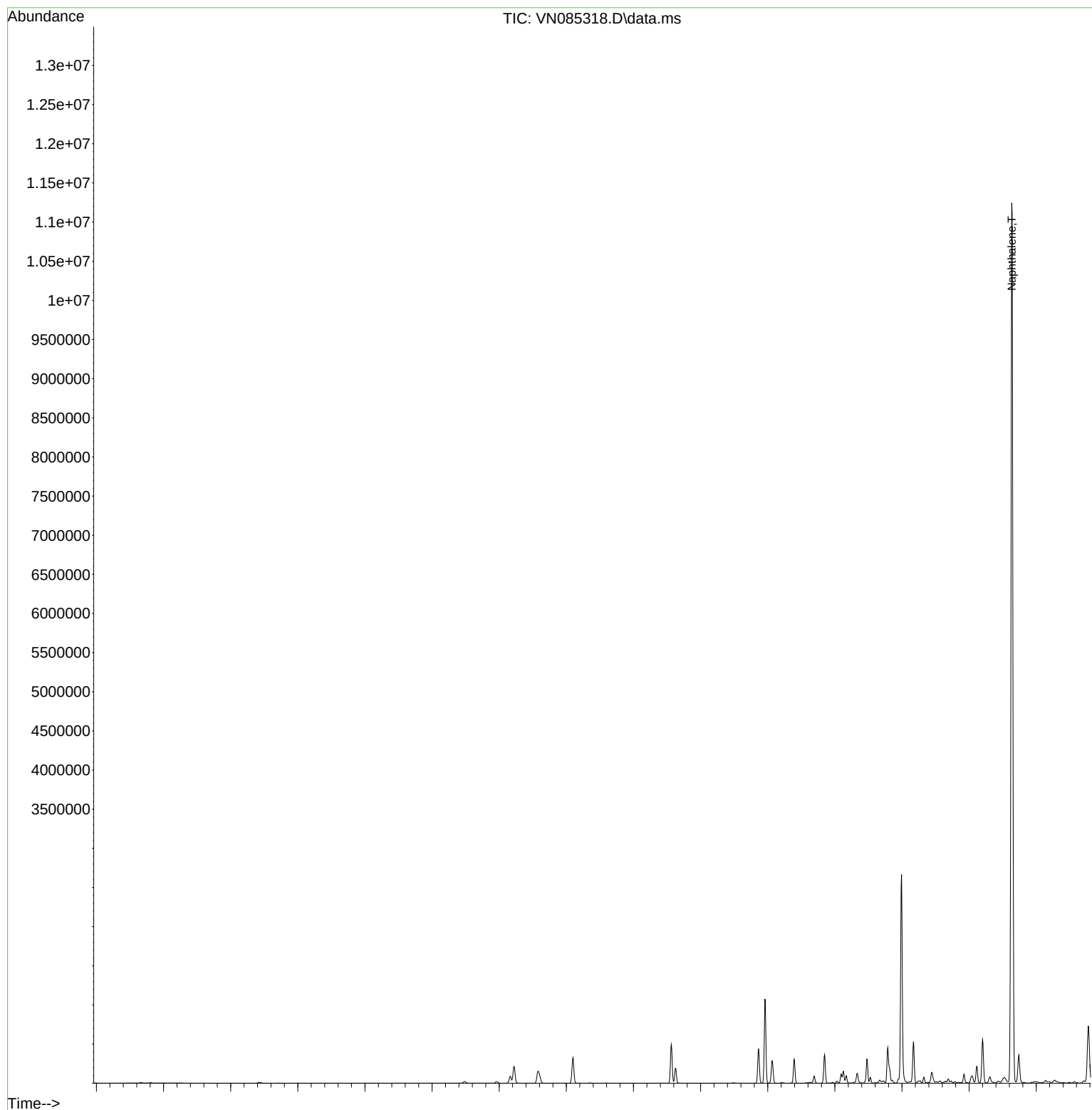
Internal Standards						
1) Pentafluorobenzene	8.218	168	149058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112978	43.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.720%		
35) Dibromofluoromethane	8.165	113	62259	32.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	64.860%#		
50) Toluene-d8	10.565	98	333732	47.556	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.120%		
62) 4-Bromofluorobenzene	12.847	95	122388	48.828	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.660%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	22328	24.828	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	10503	4.809	ug/l	83
30) Chloroform	7.959	83	21136	5.436	ug/l	95
40) Benzene	8.606	78	79231	9.526	ug/l	98
52) Toluene	10.623	92	84012	16.799	ug/l	100
67) Ethyl Benzene	11.959	91	775384	83.904	ug/l	97
68) m/p-Xylenes	12.065	106	91281	26.410	ug/l	98
69) o-Xylene	12.394	106	82573	25.417	ug/l	96
73) Isopropylbenzene	12.694	105	56079	7.024	ug/l	99
78) n-propylbenzene	13.029	91	23138	2.363	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	45334	6.808	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	174575	25.647	ug/l	99
86) p-Isopropyltoluene	13.723	119	9385	3.131	ug/l #	73
95) Naphthalene	15.635	128	9995820	1642.332	ug/l	99

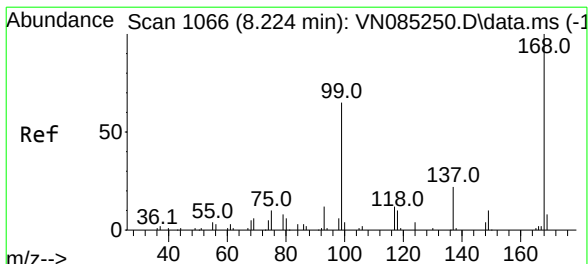
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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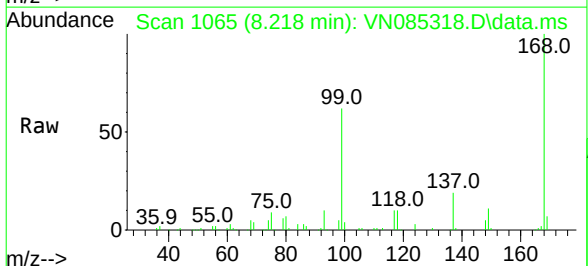
Quant Time: Dec 27 00:47:22 2024
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Quant Title : SW846 8260
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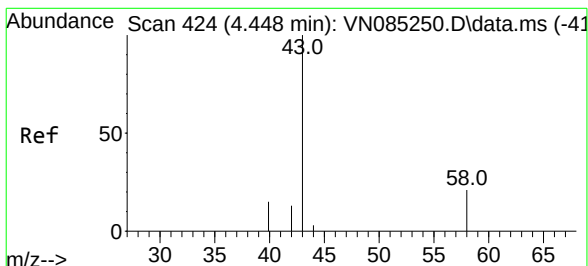
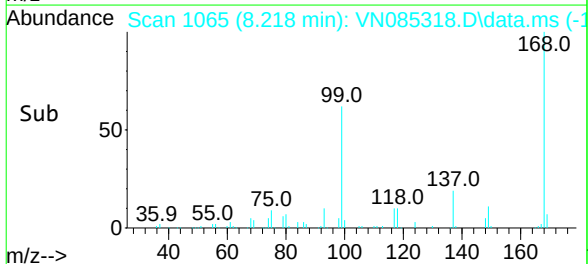
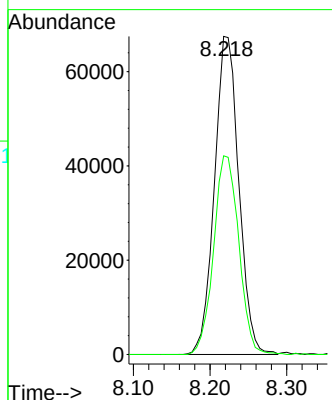


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-MRE

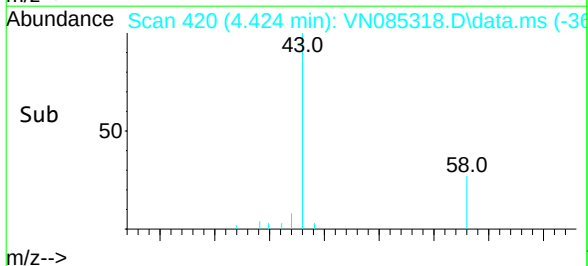
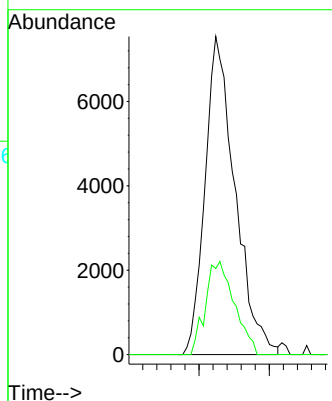
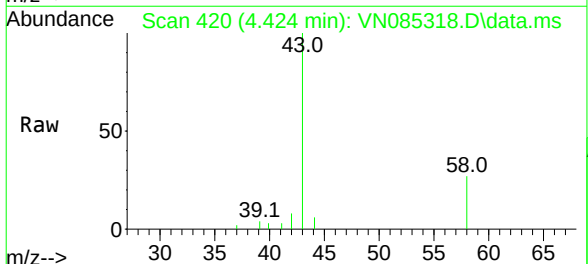


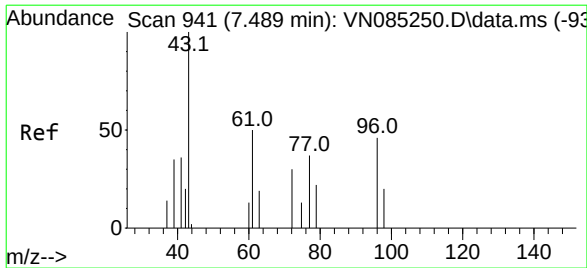
Tgt Ion: 168 Resp: 149058
Ion Ratio Lower Upper
168 100
99 62.5 50.7 76.1



#16
Acetone
Concen: 24.828 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion: 43 Resp: 22328
Ion Ratio Lower Upper
43 100
58 27.1 20.8 31.2

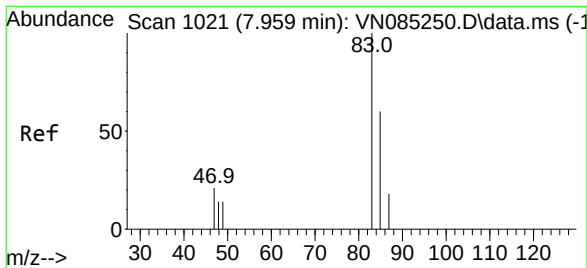
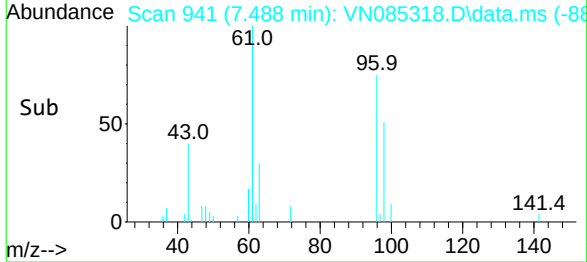
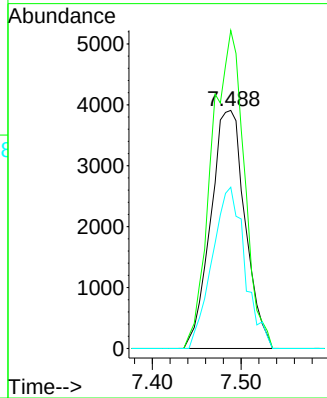
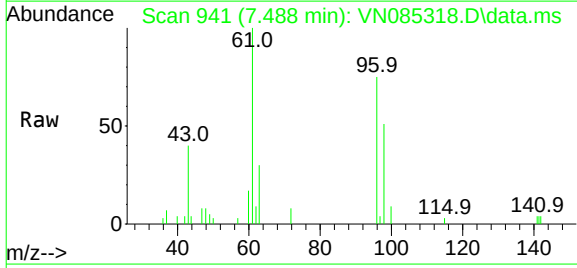




#27
cis-1,2-Dichloroethene
Concen: 4.809 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

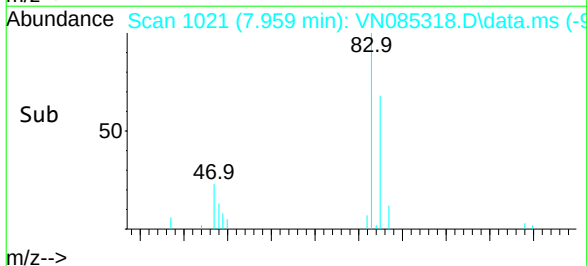
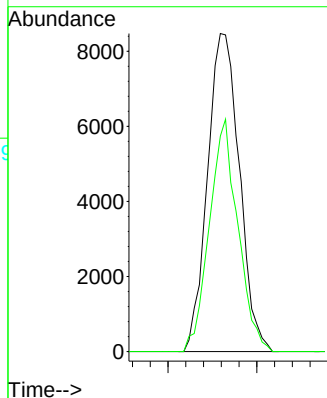
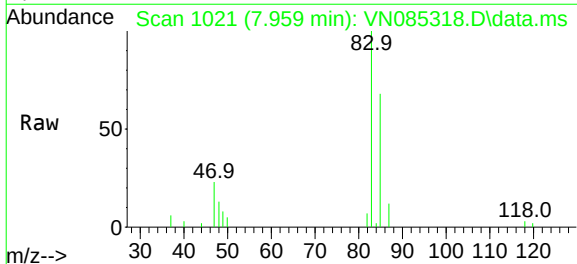
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-MRE

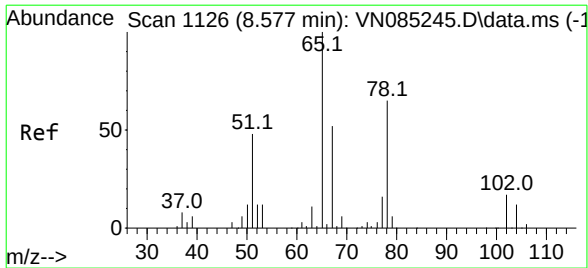
Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	316.4
98	64.4	0.0	125.4



#30
Chloroform
Concen: 5.436 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.4	77.0

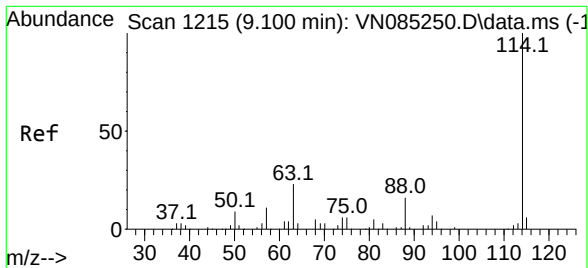
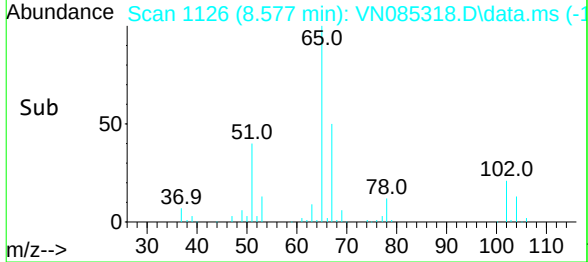
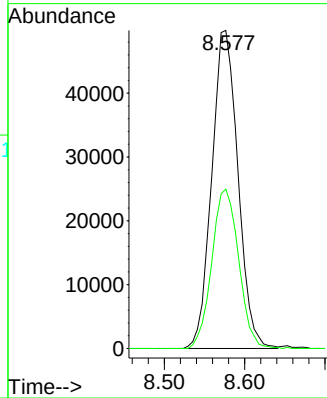
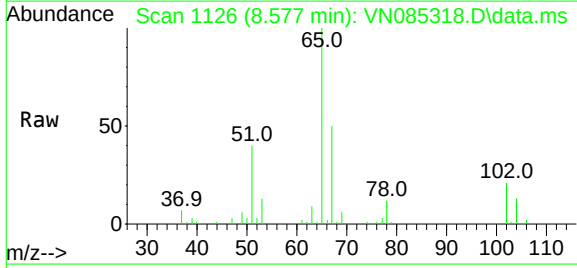




#33
 1,2-Dichloroethane-d4
 Concen: 43.365 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

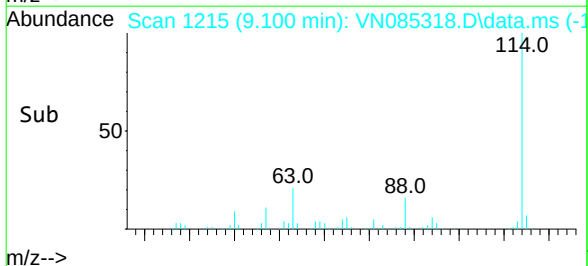
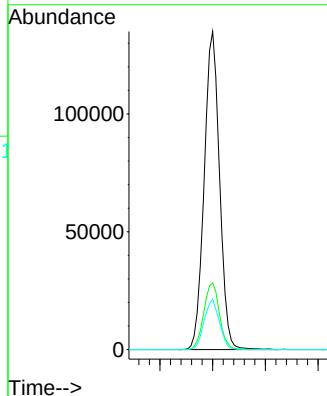
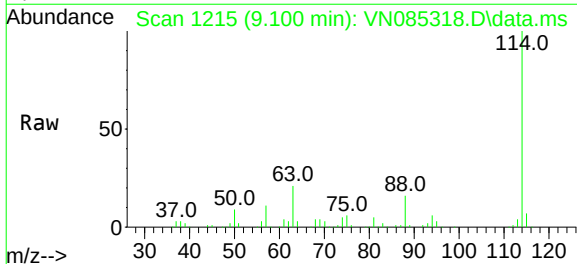
Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-3-MRE

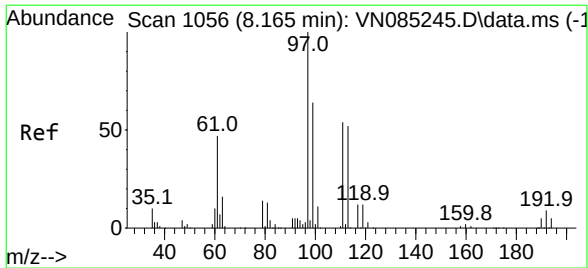
Tgt Ion: 65 Resp: 112978
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

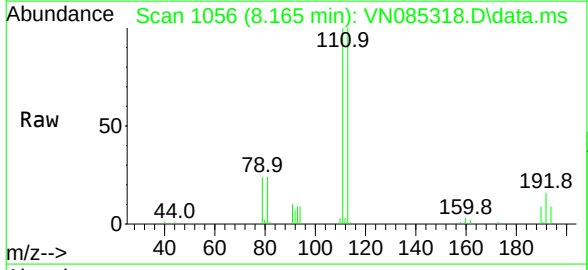
Tgt Ion: 114 Resp: 273099
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 46.2
 88 15.8 0.0 32.6



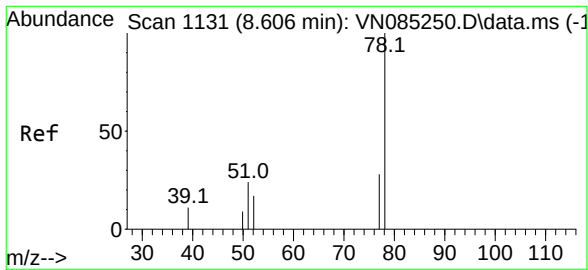
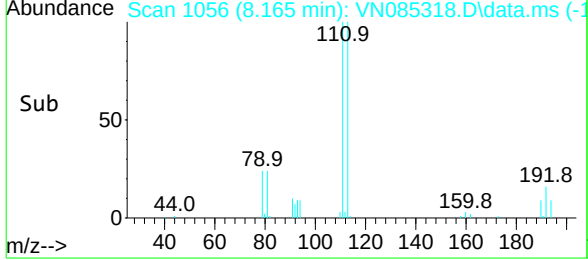
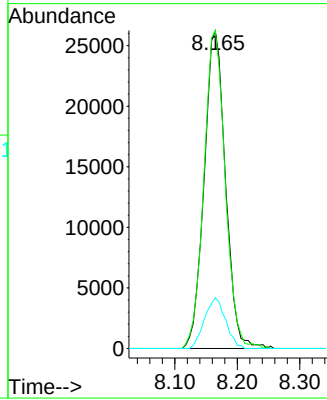


#35
 Dibromofluoromethane
 Concen: 32.426 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

Instrument : MSVOA_N
 ClientSampleId : SPLP-C12-3-MRE

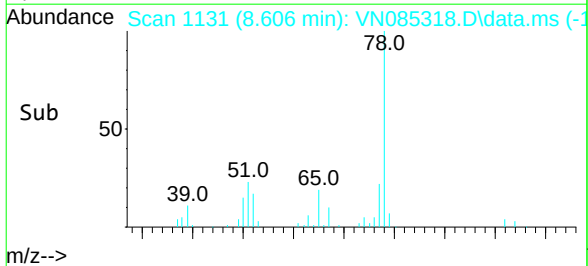
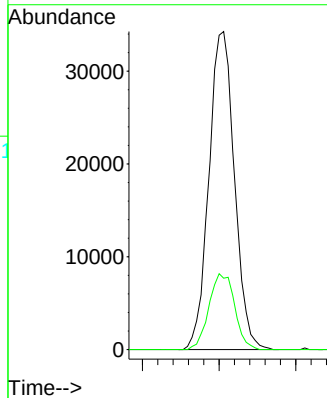
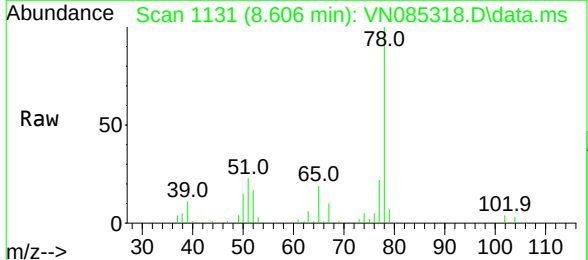


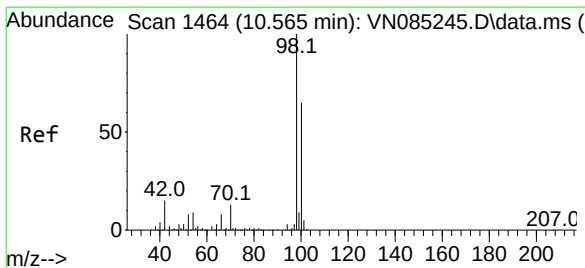
Tgt Ion:	113	Resp:	62259
Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.1	123.1
192	15.7	13.4	20.0



#40
 Benzene
 Concen: 9.526 ug/l
 RT: 8.606 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: VN085318.D
 Acq: 26 Dec 2024 15:24

Tgt Ion:	78	Resp:	79231
Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.9	28.3





#50

Toluene-d8

Concen: 47.556 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

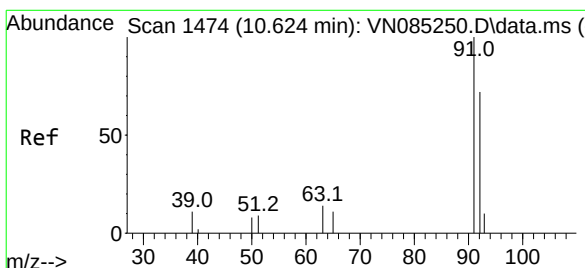
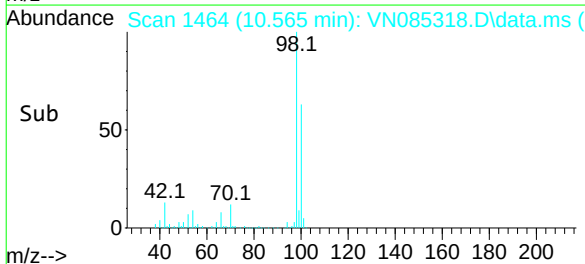
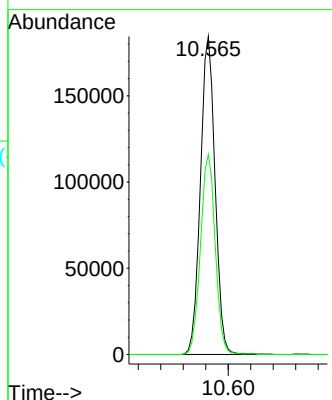
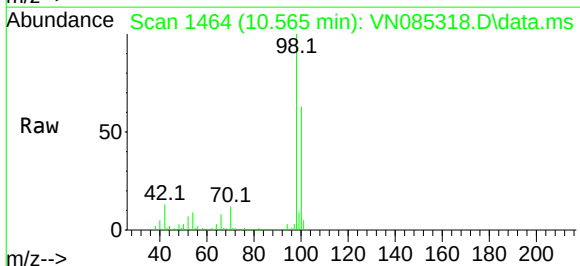
SPLP-C12-3-MRE

Tgt Ion: 98 Resp: 333732

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



#52

Toluene

Concen: 16.799 ug/l

RT: 10.623 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085318.D

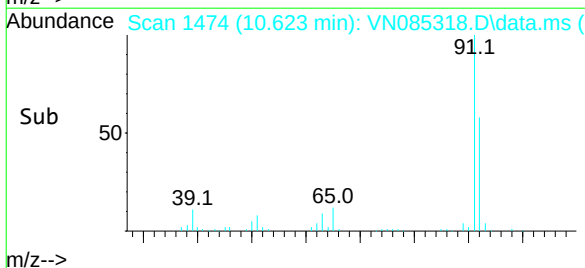
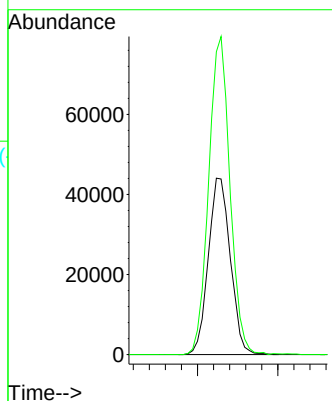
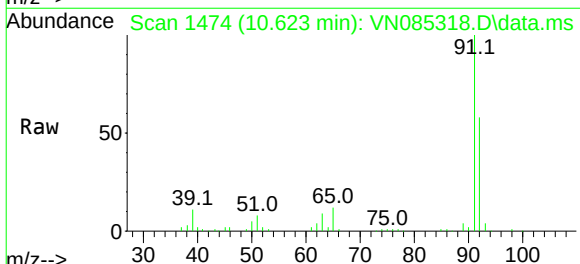
Acq: 26 Dec 2024 15:24

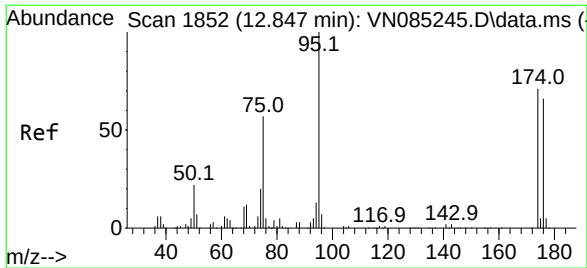
Tgt Ion: 92 Resp: 84012

Ion Ratio Lower Upper

92 100

91 173.7 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 48.828 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085318.D

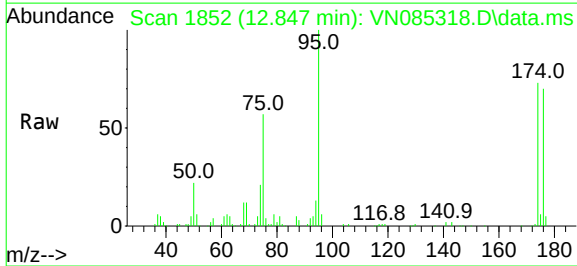
Acq: 26 Dec 2024 15:24

Instrument :

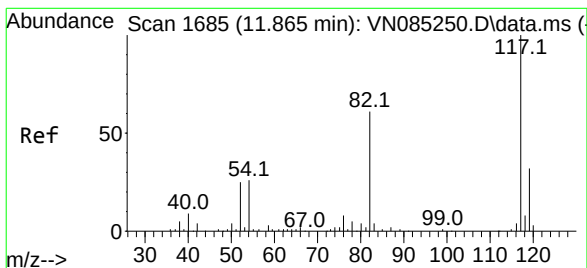
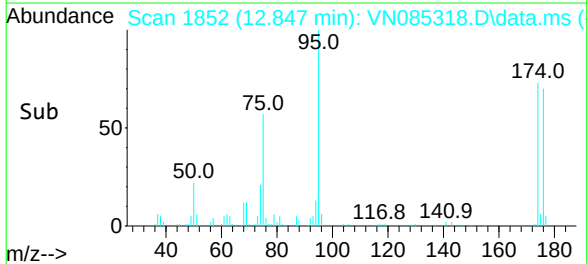
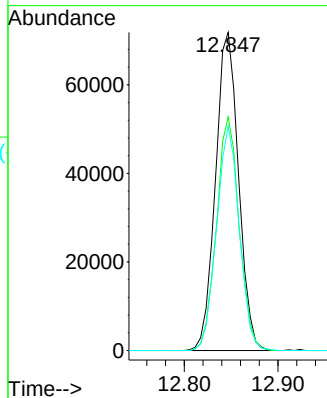
MSVOA_N

ClientSampleId :

SPLP-C12-3-MRE



Tgt Ion:	95	Resp:	122388
Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	144.4
176	69.4	0.0	136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

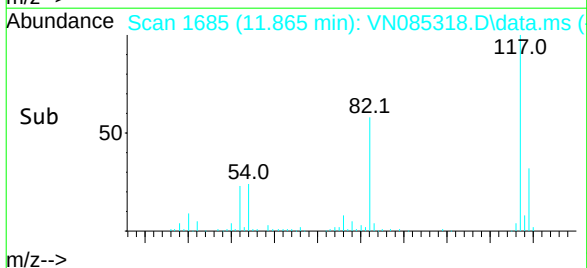
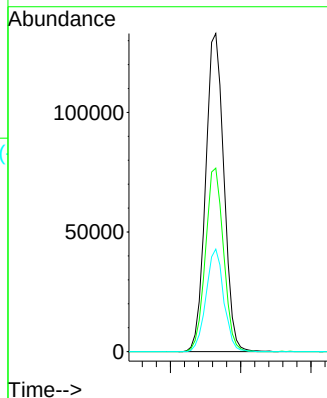
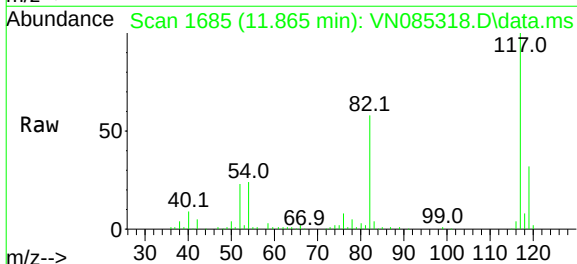
RT: 11.865 min Scan# 1685

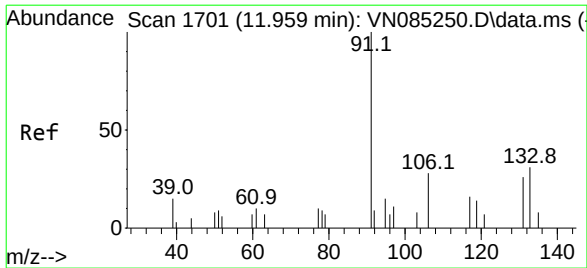
Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

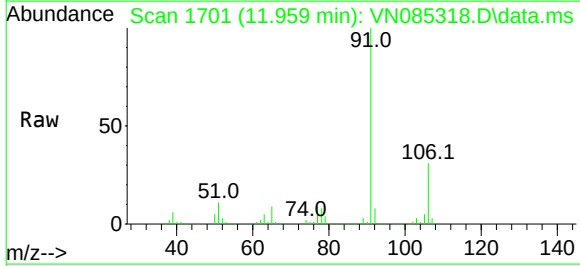
Tgt Ion:	117	Resp:	239856
Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.4	71.2
119	32.2	25.6	38.4



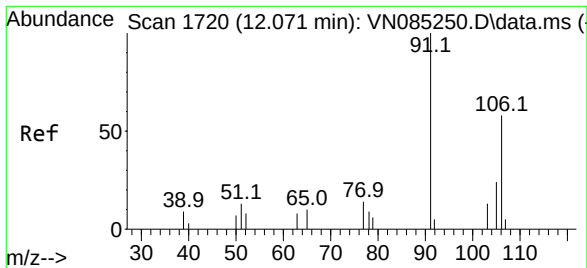
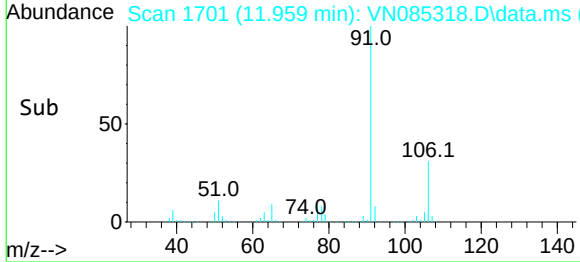
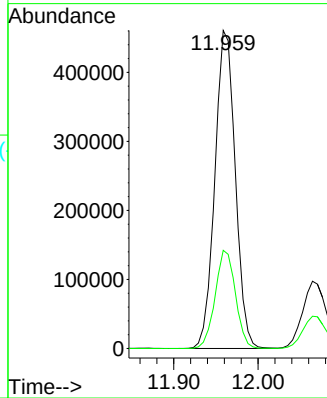


#67
Ethyl Benzene
Concen: 83.904 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-MRE

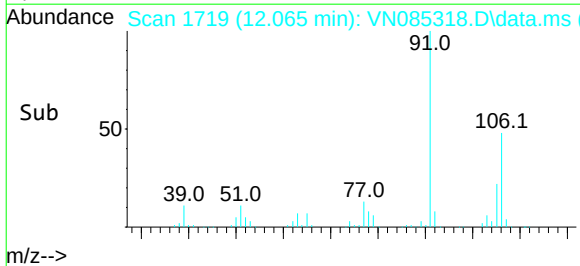
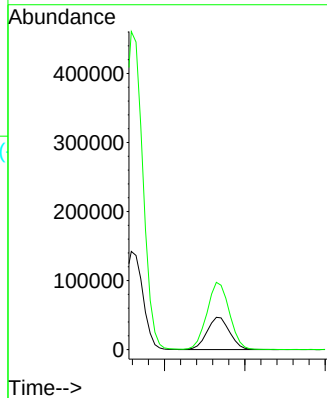
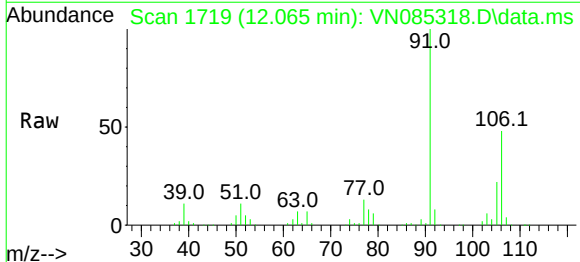


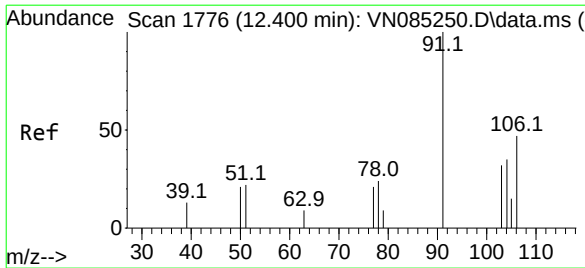
Tgt Ion: 91 Resp: 775384
Ion Ratio Lower Upper
91 100
106 30.9 23.5 35.3



#68
m/p-Xylenes
Concen: 26.410 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion:106 Resp: 91281
Ion Ratio Lower Upper
106 100
91 207.8 168.3 252.5





#69

o-Xylene

Concen: 25.417 ug/l

RT: 12.394 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

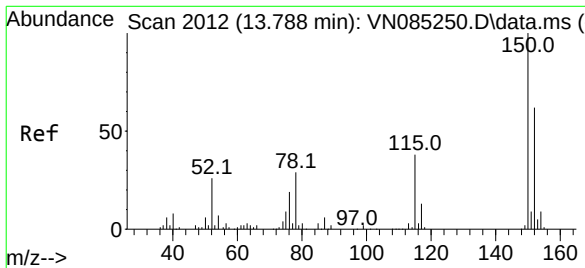
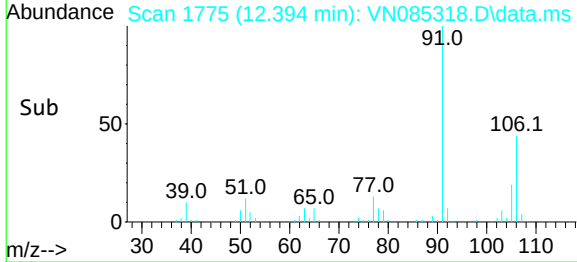
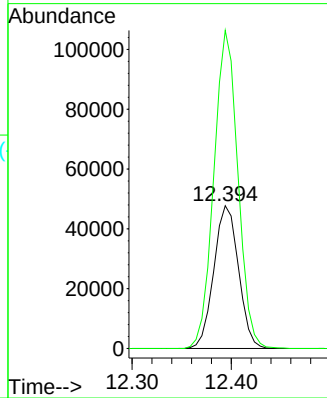
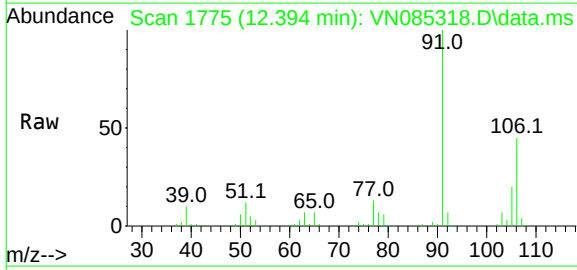
SPLP-C12-3-MRE

Tgt Ion:106 Resp: 82573

Ion Ratio Lower Upper

106 100

91 216.9 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

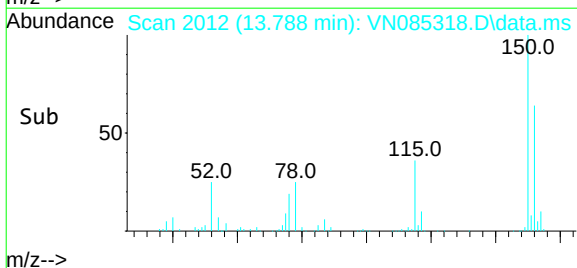
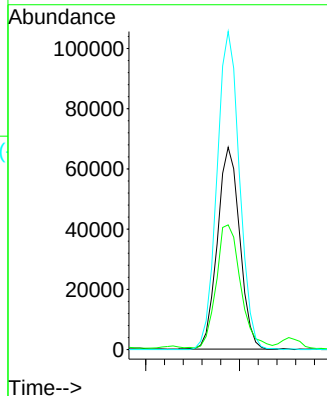
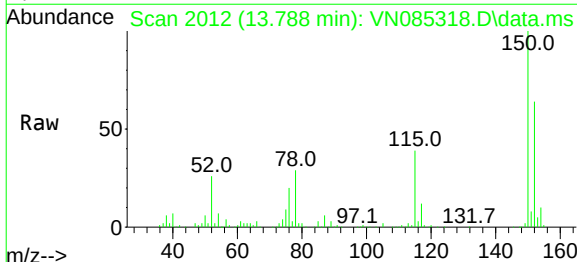
Tgt Ion:152 Resp: 110672

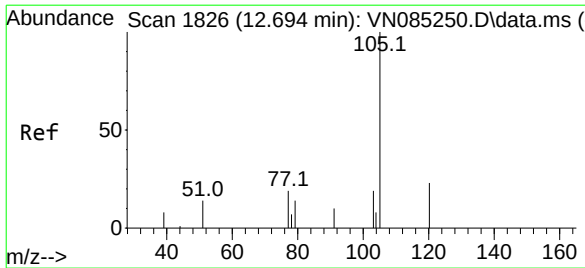
Ion Ratio Lower Upper

152 100

115 66.5 32.1 96.3

150 159.5 0.0 354.6





#73

Isopropylbenzene

Concen: 7.024 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

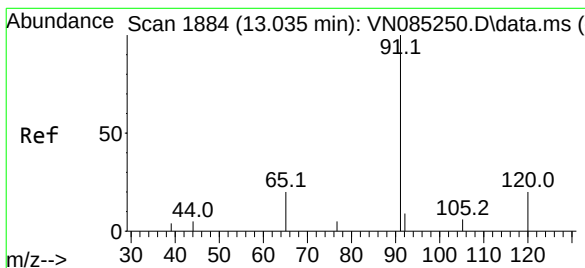
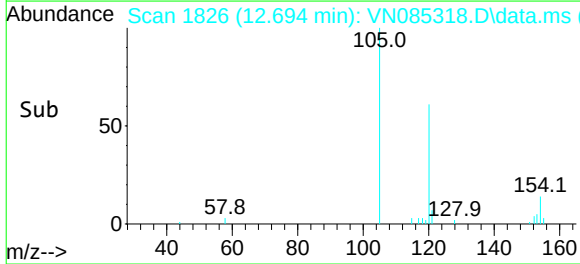
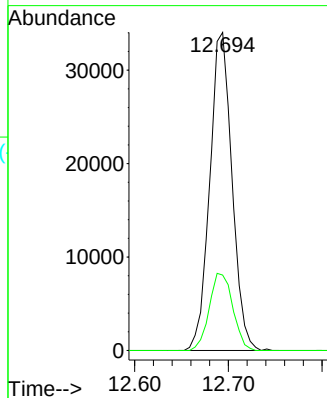
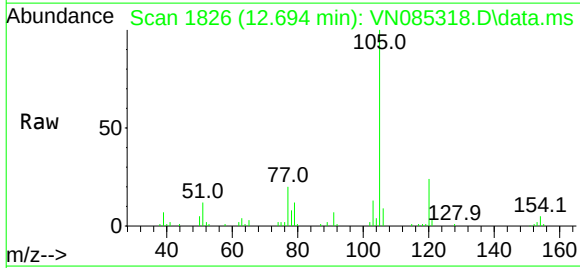
SPLP-C12-3-MRE

Tgt Ion:105 Resp: 56079

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#78

n-propylbenzene

Concen: 2.363 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN085318.D

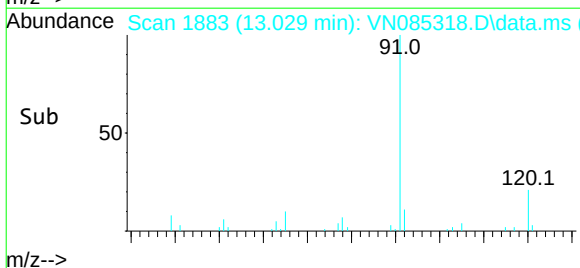
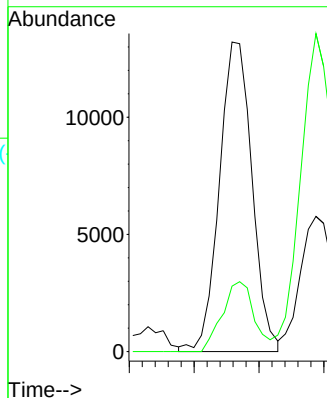
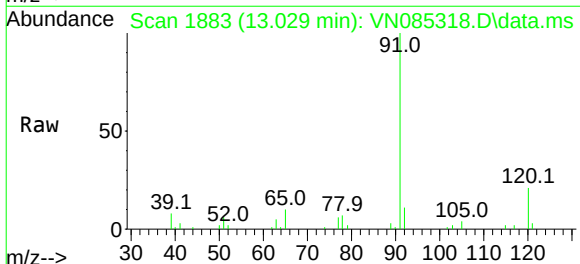
Acq: 26 Dec 2024 15:24

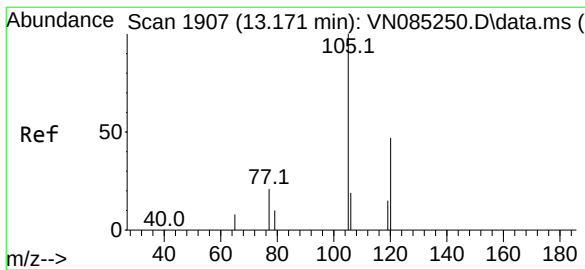
Tgt Ion: 91 Resp: 23138

Ion Ratio Lower Upper

91 100

120 22.0 10.8 32.3

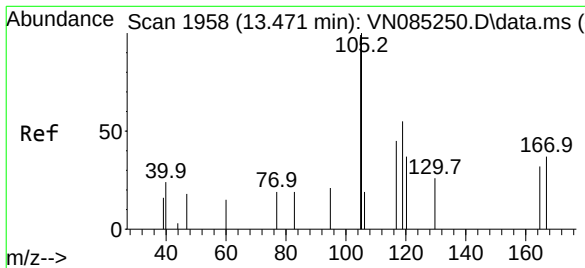
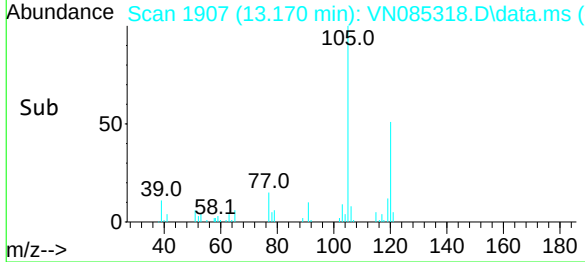
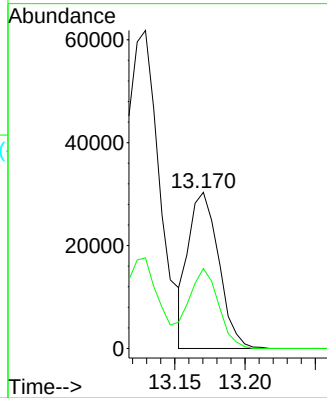
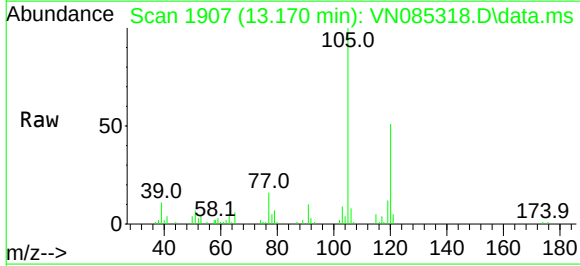




#80
1,3,5-Trimethylbenzene
Concen: 6.808 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

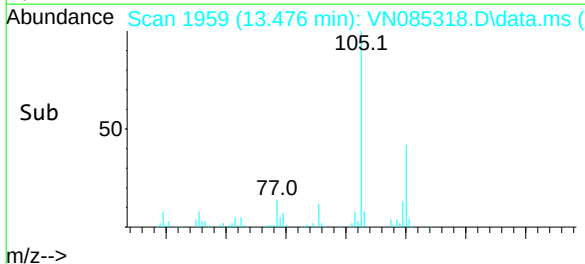
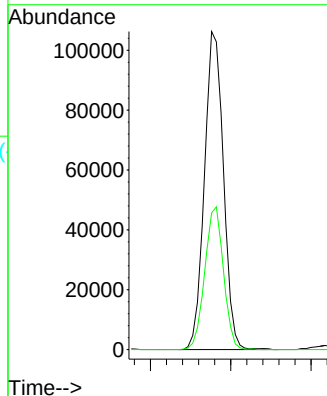
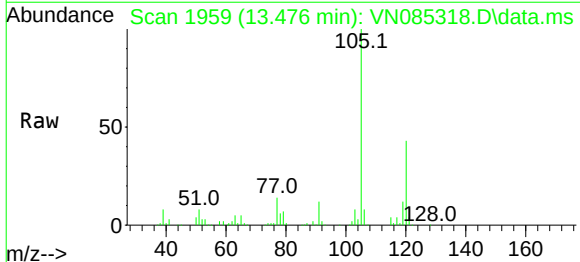
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-3-MRE

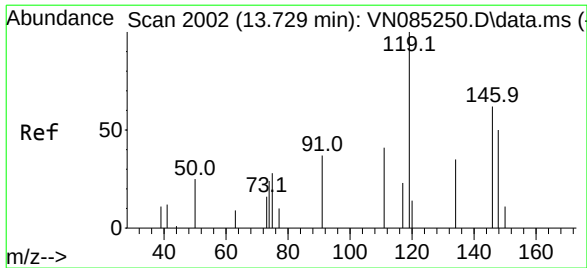
Tgt Ion:105 Resp: 45334
Ion Ratio Lower Upper
105 100
120 52.4 23.4 70.2



#84
1,2,4-Trimethylbenzene
Concen: 25.647 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085318.D
Acq: 26 Dec 2024 15:24

Tgt Ion:105 Resp: 174575
Ion Ratio Lower Upper
105 100
120 44.2 21.8 65.3





#86

p-Isopropyltoluene

Concen: 3.131 ug/l

RT: 13.723 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

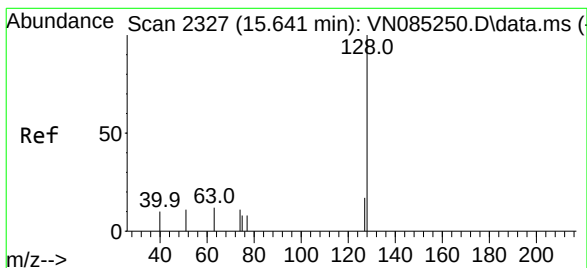
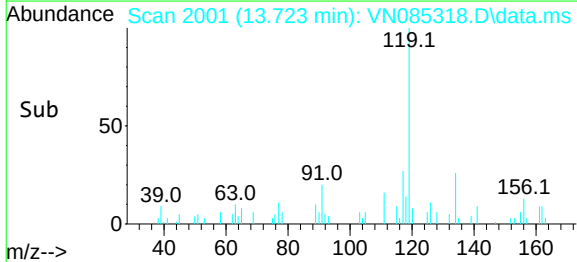
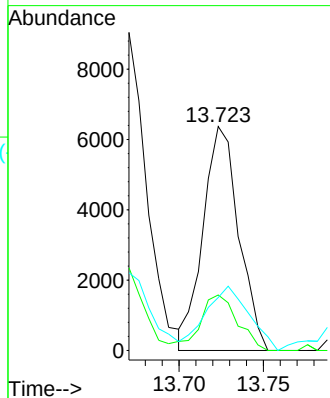
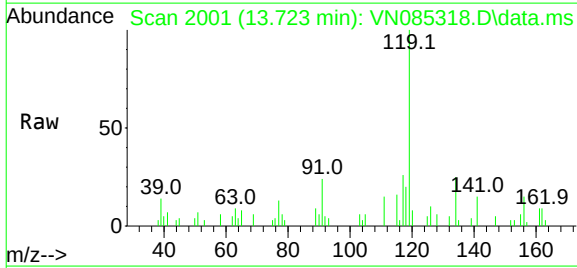
Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-3-MRE

Tgt Ion:	119	Resp:	9385
Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.5	37.5
91	0.0	13.0	38.9#



#95

Naphthalene

Concen: 1642.332 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085318.D

Acq: 26 Dec 2024 15:24

Tgt Ion:	128	Resp:	9995820
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.1	8.6	13.0

