

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085314.D
 Acq On : 26 Dec 2024 13:49
 Operator : JC\MD
 Sample : P5371-05DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-2-MDL

Quant Time: Dec 27 00:44:40 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)

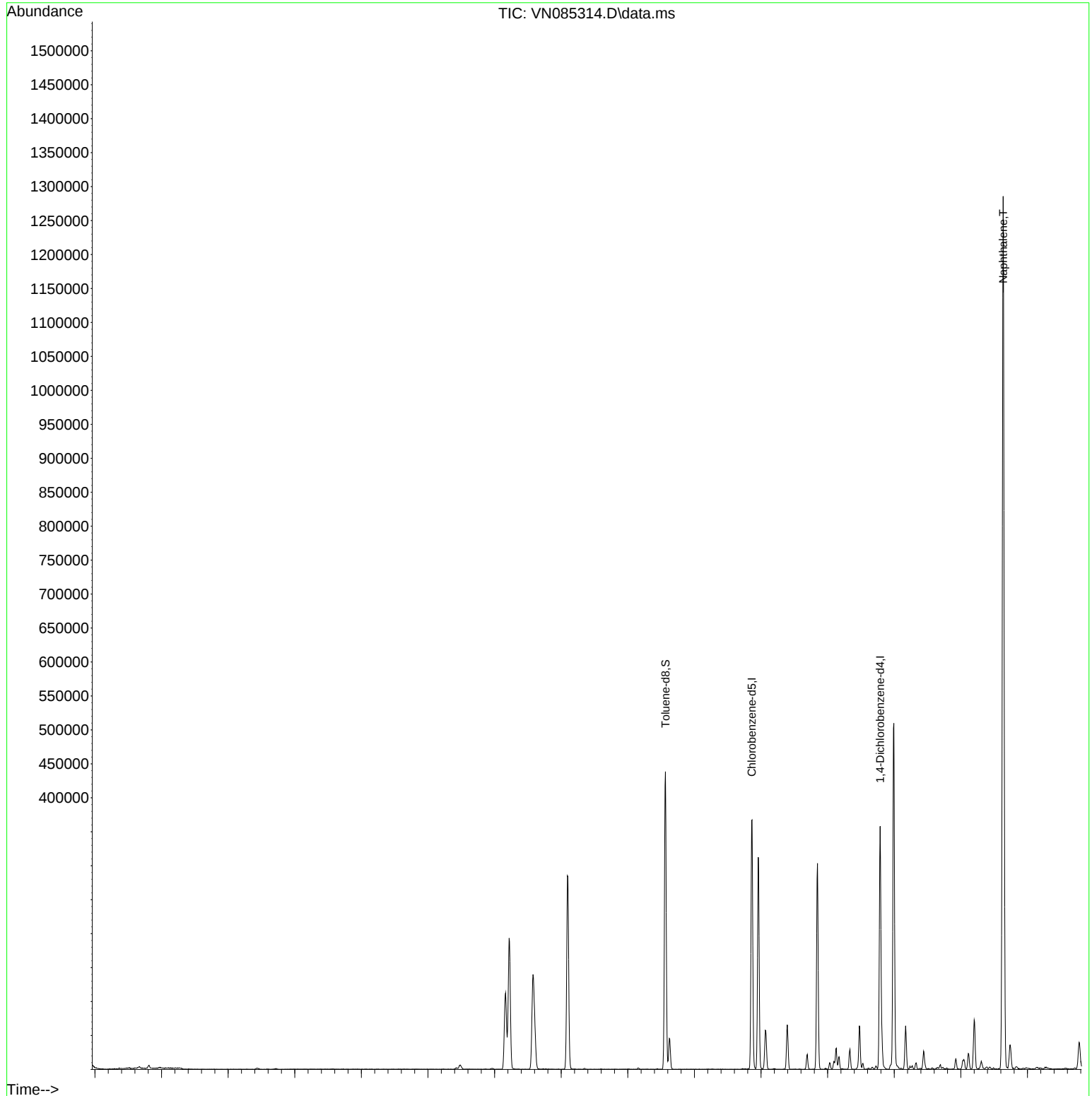
Internal Standards						
1) Pentafluorobenzene	8.224	168	132134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	206929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105852	45.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.660%		
35) Dibromofluoromethane	8.165	113	80876	47.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	10.565	98	298787	47.983	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.960%		
62) 4-Bromofluorobenzene	12.847	95	101464	45.620	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.240%		
Target Compounds						
27) cis-1,2-Dichloroethene	7.483	96	3941	2.036	ug/l	81
40) Benzene	8.600	78	53031	7.186	ug/l	94
52) Toluene	10.624	92	18711	4.216	ug/l	94
67) Ethyl Benzene	11.959	91	224867	28.205	ug/l	98
68) m/p-Xylenes	12.065	106	18651	6.255	ug/l	96
69) o-Xylene	12.388	106	17375	6.199	ug/l	95
73) Isopropylbenzene	12.694	105	14282	2.253	ug/l	100
78) n-propylbenzene	13.035	91	7893	1.015	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	9109	1.722	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	34375	6.359	ug/l	99
86) p-Isopropyltoluene	13.723	119	2621	2.363	ug/l #	68
95) Naphthalene	15.635	128	1115141	230.715	ug/l	100

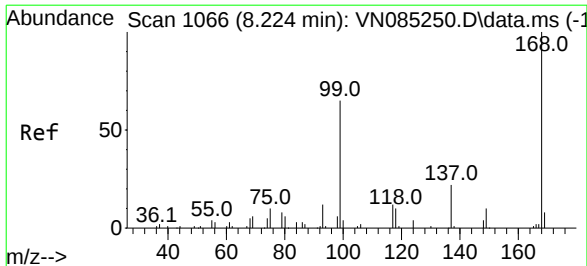
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
Data File : VN085314.D
Acq On : 26 Dec 2024 13:49
Operator : JC\MD
Sample : P5371-05DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-MDL

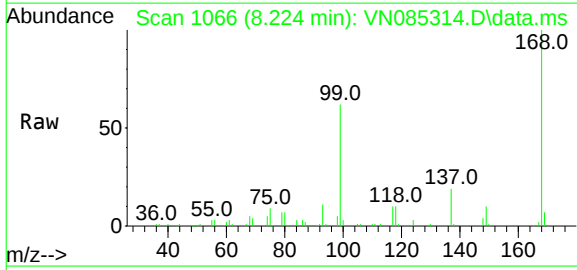
Quant Time: Dec 27 00:44:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



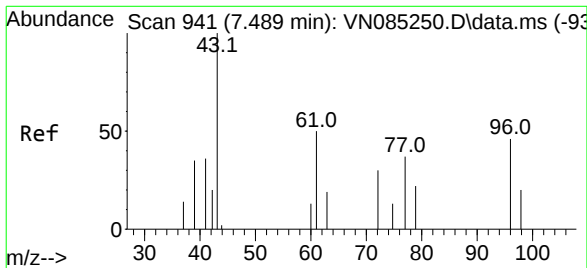
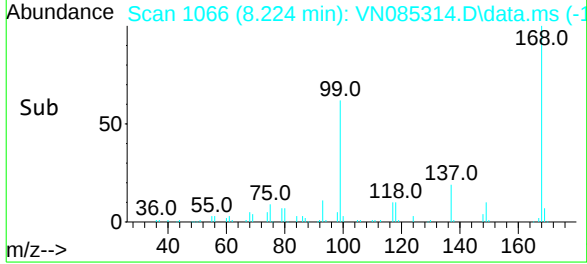
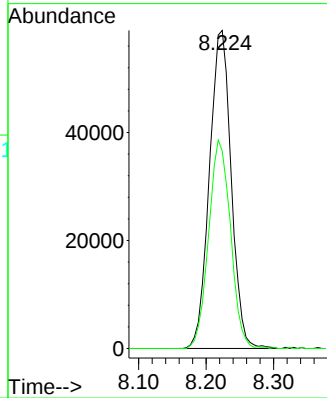


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-MDL

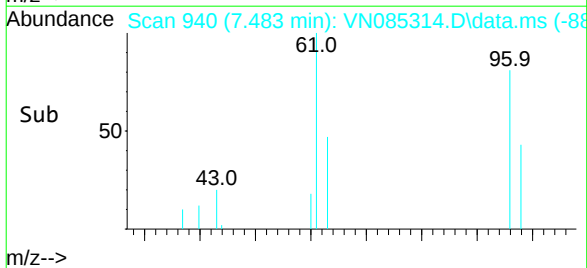
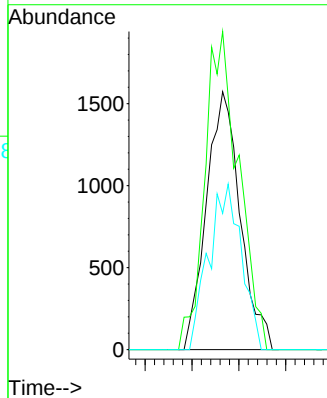
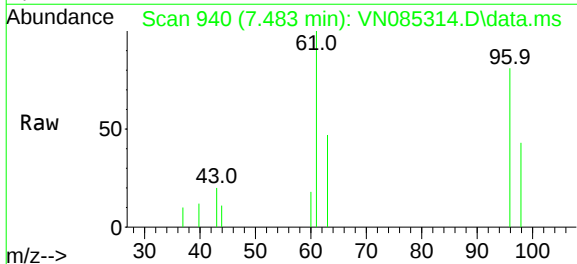


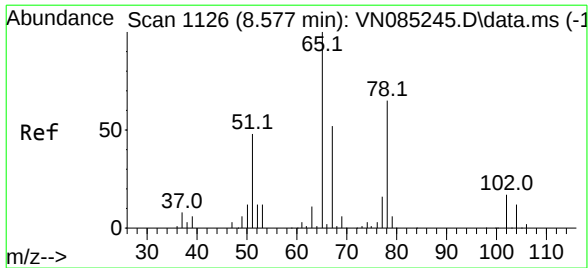
Tgt Ion:168 Resp: 132134
Ion Ratio Lower Upper
168 100
99 62.1 50.7 76.1



#27
cis-1,2-Dichloroethene
Concen: 2.036 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

Tgt Ion: 96 Resp: 3941
Ion Ratio Lower Upper
96 100
61 123.1 0.0 316.4
98 62.0 0.0 125.4

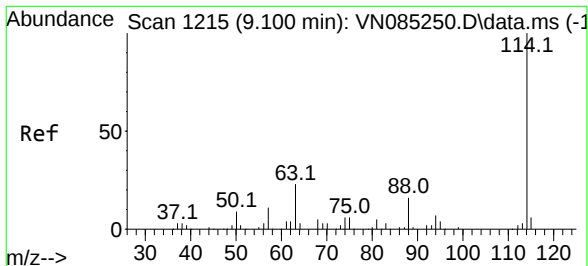
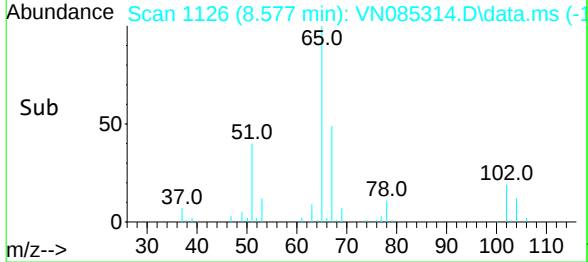
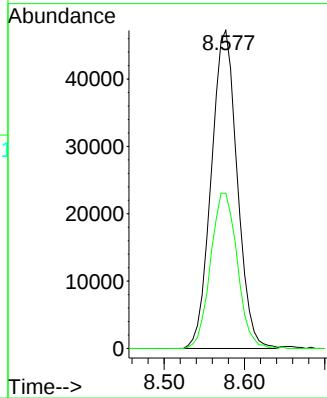
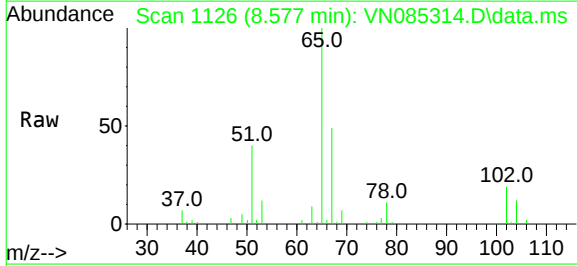




#33
1,2-Dichloroethane-d4
Concen: 45.833 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

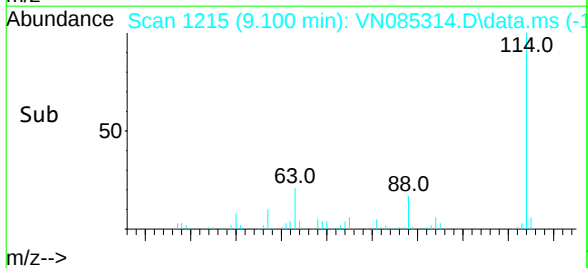
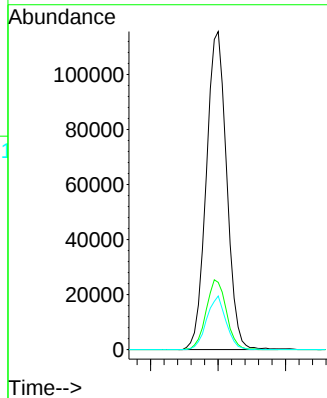
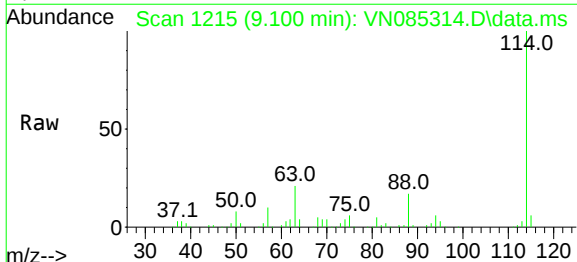
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-MDL

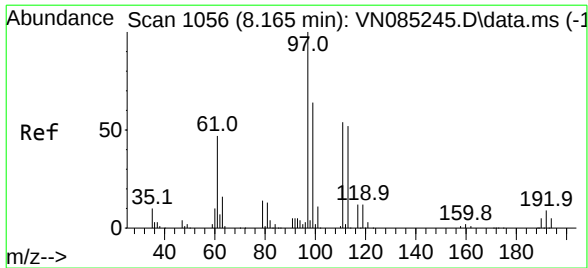
Tgt Ion: 65 Resp: 105852
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

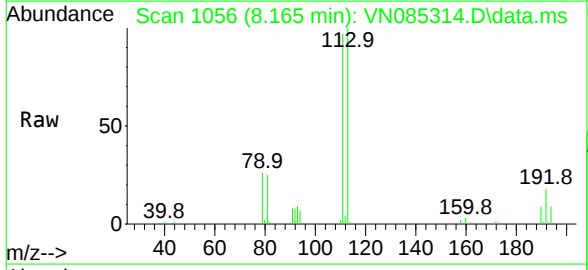
Tgt Ion: 114 Resp: 242328
Ion Ratio Lower Upper
114 100
63 21.1 0.0 46.2
88 16.9 0.0 32.6



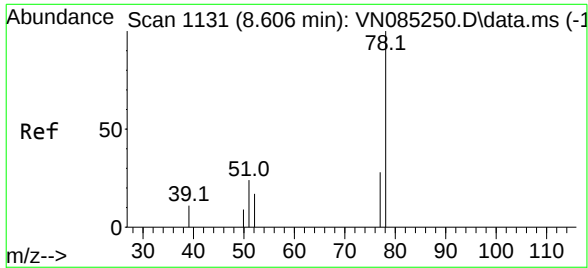
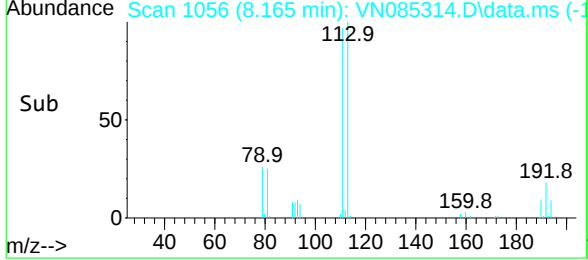
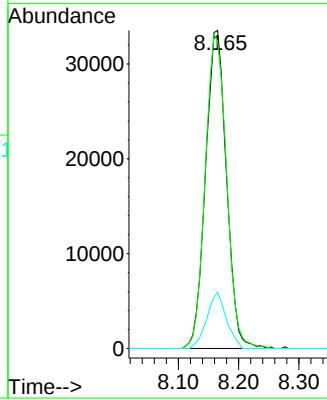


#35
 Dibromofluoromethane
 Concen: 47.471 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN085314.D
 Acq: 26 Dec 2024 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-2-MDL

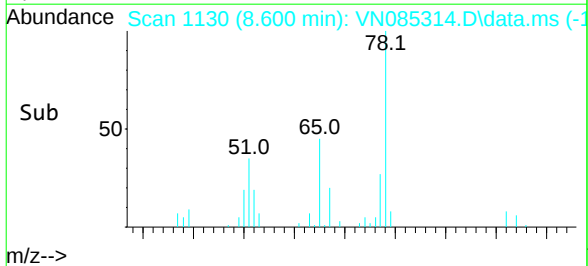
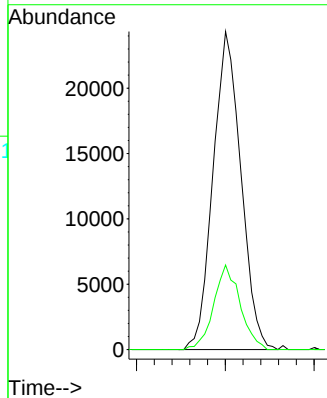
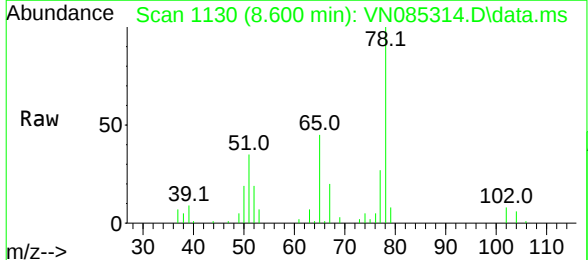


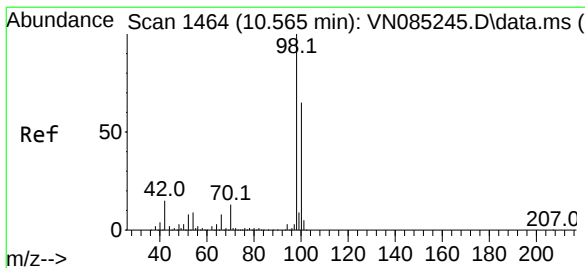
Tgt Ion:	113	Resp:	80876
Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.1	123.1
192	16.5	13.4	20.0



#40
 Benzene
 Concen: 7.186 ug/l
 RT: 8.600 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VN085314.D
 Acq: 26 Dec 2024 13:49

Tgt Ion:	78	Resp:	53031
Ion	Ratio	Lower	Upper
78	100		
77	26.6	18.9	28.3





#50

Toluene-d8

Concen: 47.983 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

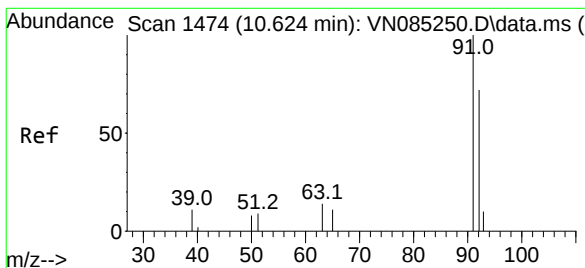
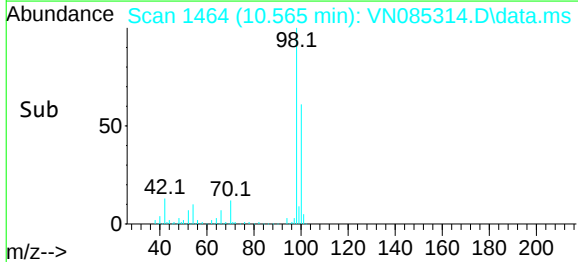
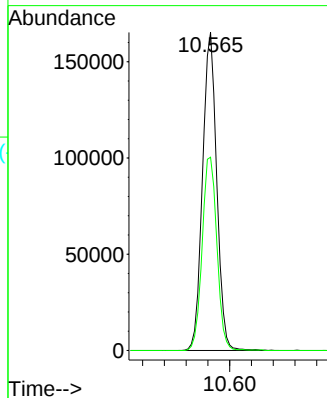
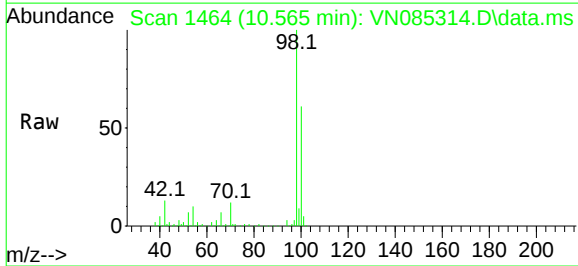
SPLP-C11-2-MDL

Tgt Ion: 98 Resp: 298787

Ion Ratio Lower Upper

98 100

100 63.2 51.6 77.4



#52

Toluene

Concen: 4.216 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085314.D

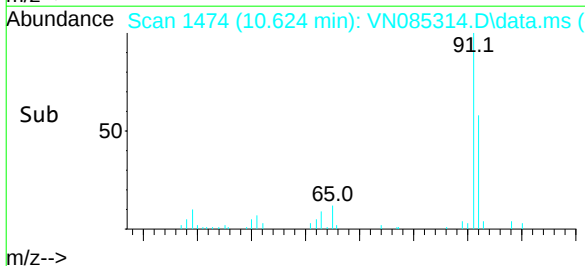
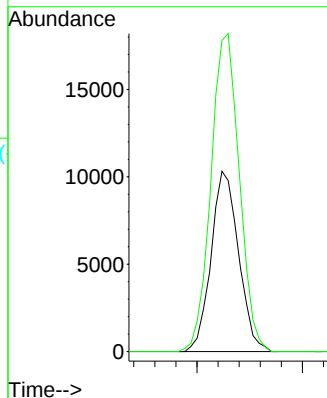
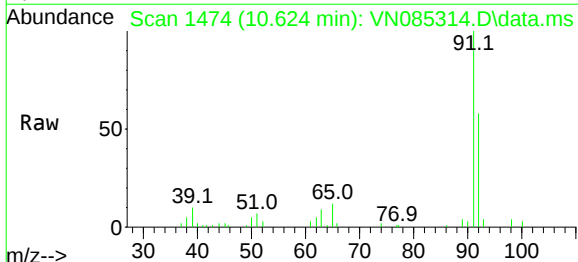
Acq: 26 Dec 2024 13:49

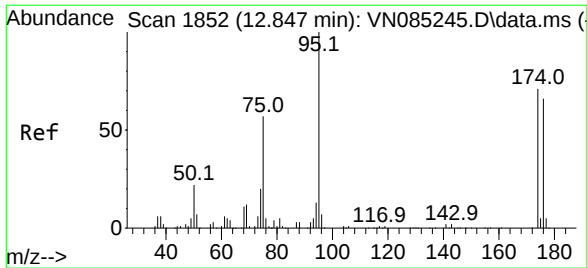
Tgt Ion: 92 Resp: 18711

Ion Ratio Lower Upper

92 100

91 182.0 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 45.620 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085314.D

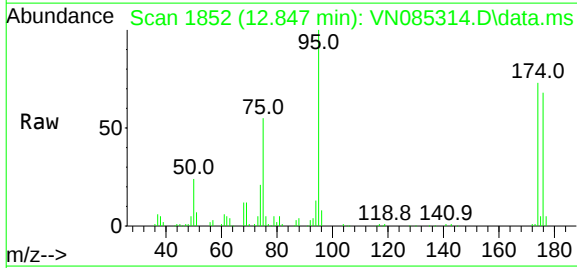
Acq: 26 Dec 2024 13:49

Instrument :

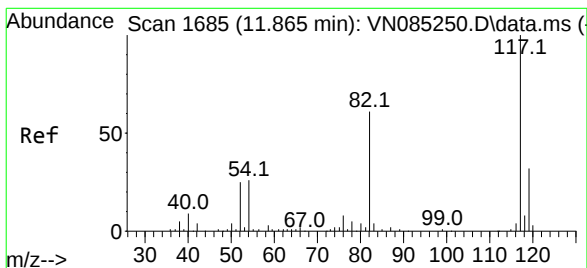
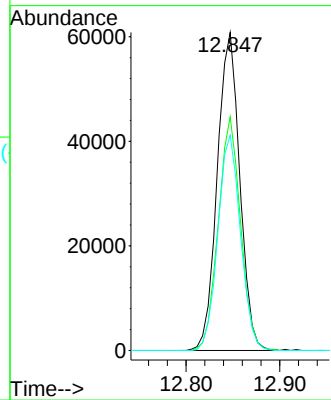
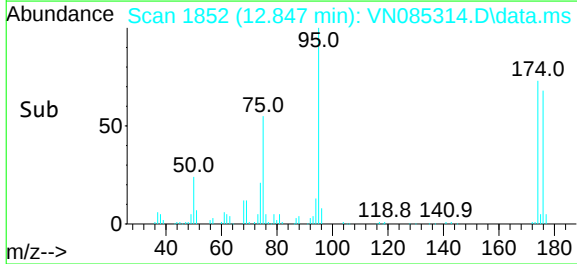
MSVOA_N

ClientSampleId :

SPLP-C11-2-MDL



Tgt Ion:	95	Resp:	101464
Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	144.4
176	67.9	0.0	136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

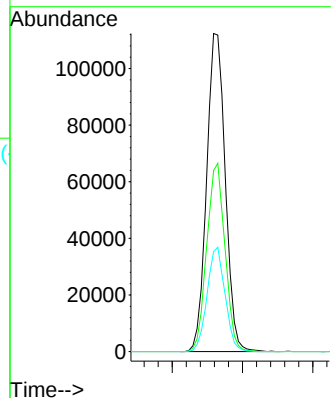
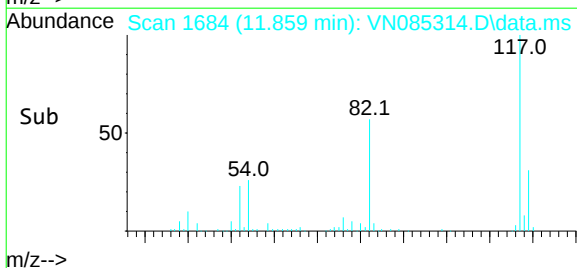
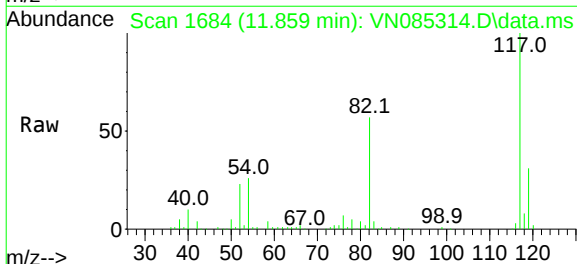
RT: 11.859 min Scan# 1684

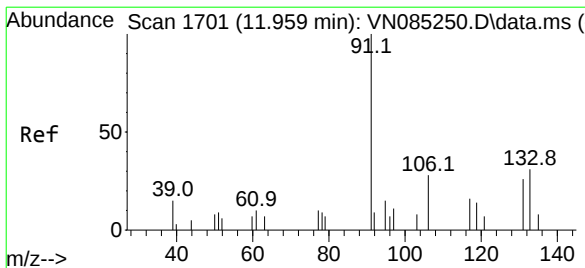
Delta R.T. -0.006 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Tgt Ion:	117	Resp:	206929
Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.4	71.2
119	31.4	25.6	38.4





#67

Ethyl Benzene

Concen: 28.205 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

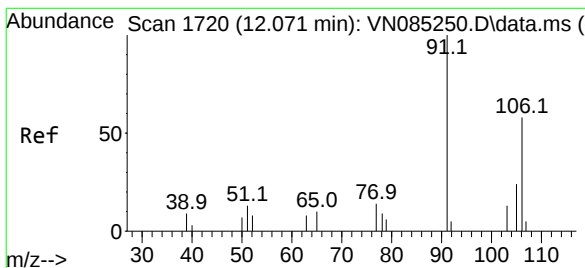
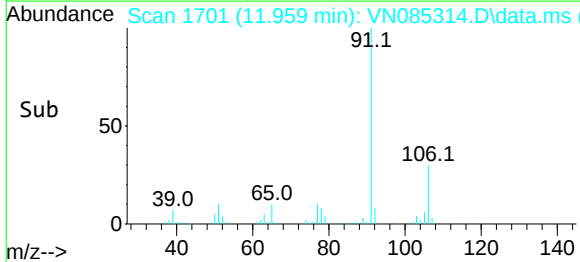
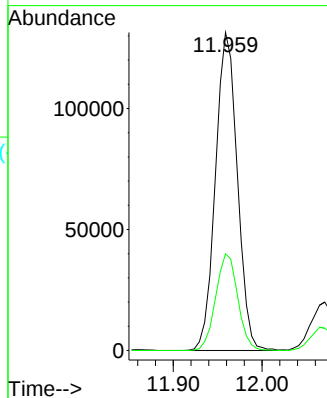
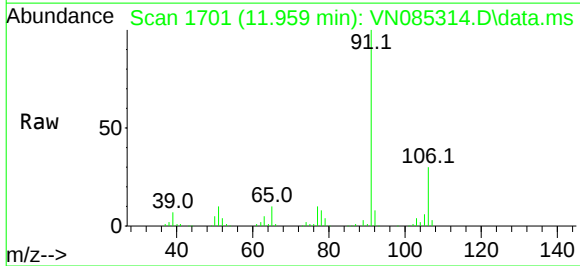
SPLP-C11-2-MDL

Tgt Ion: 91 Resp: 224867

Ion Ratio Lower Upper

91 100

106 30.4 23.5 35.3



#68

m/p-Xylenes

Concen: 6.255 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085314.D

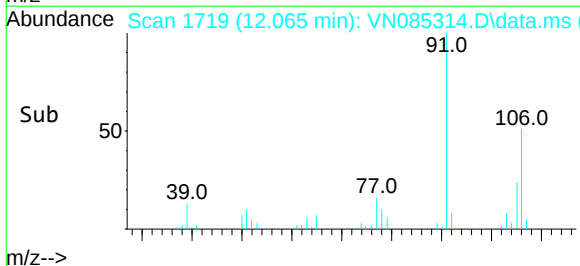
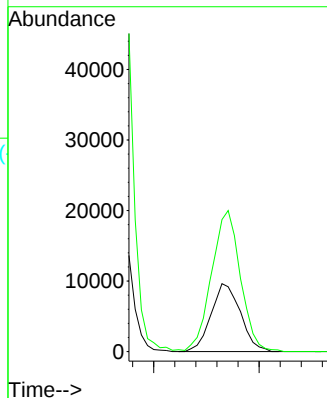
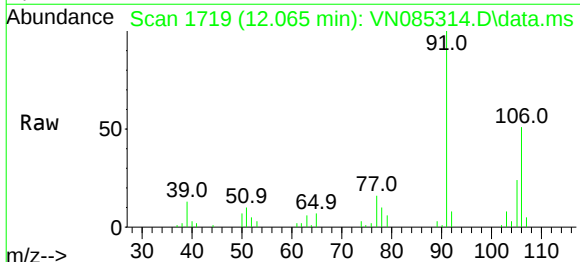
Acq: 26 Dec 2024 13:49

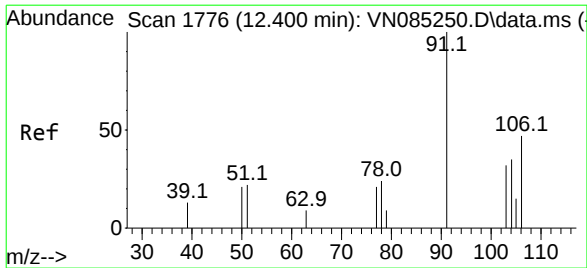
Tgt Ion: 106 Resp: 18651

Ion Ratio Lower Upper

106 100

91 204.0 168.3 252.5

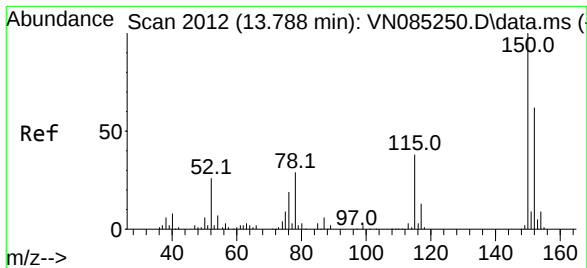
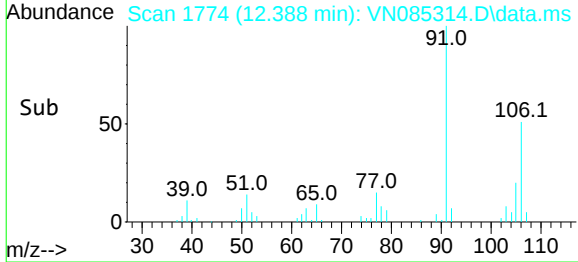
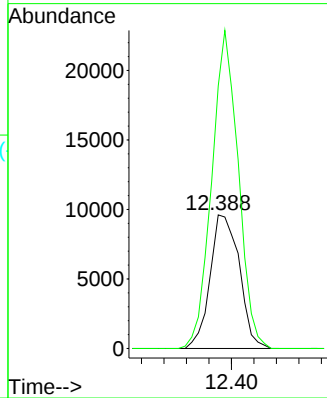
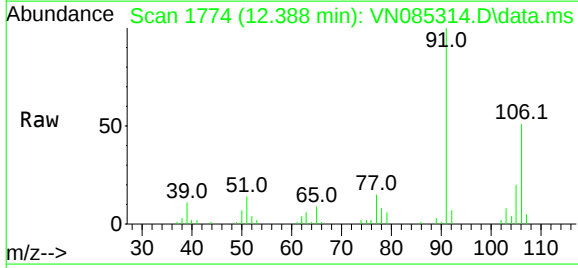




#69
o-Xylene
Concen: 6.199 ug/l
RT: 12.388 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

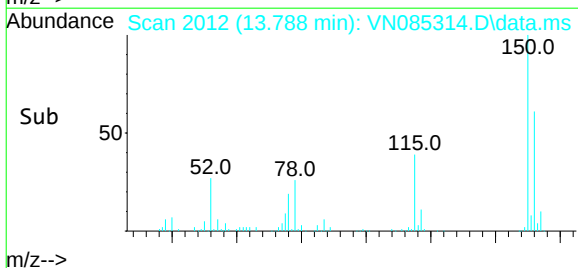
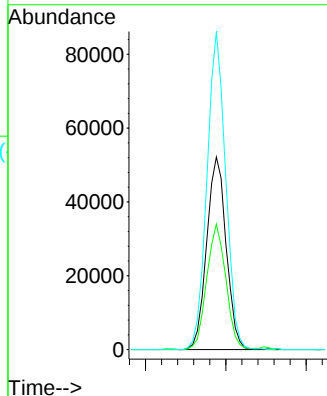
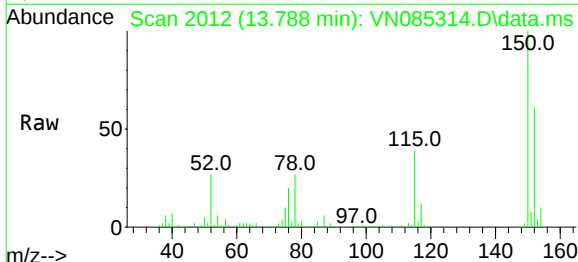
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-MDL

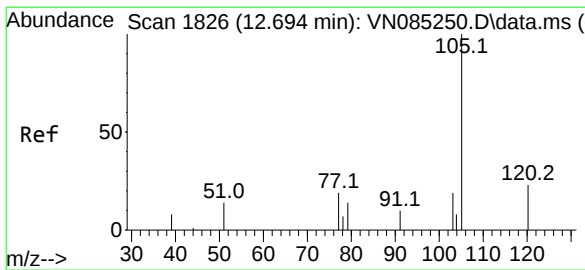
Tgt Ion:106 Resp: 17375
Ion Ratio Lower Upper
106 100
91 215.7 112.1 336.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

Tgt Ion:152 Resp: 87889
Ion Ratio Lower Upper
152 100
115 64.0 32.1 96.3
150 158.3 0.0 354.6





#73

Isopropylbenzene

Concen: 2.253 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

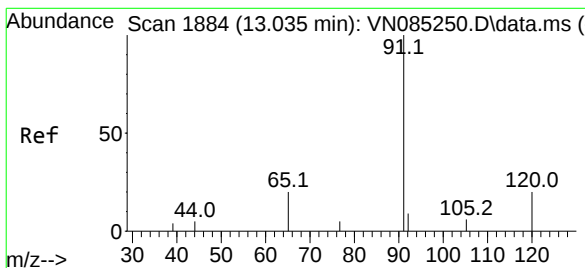
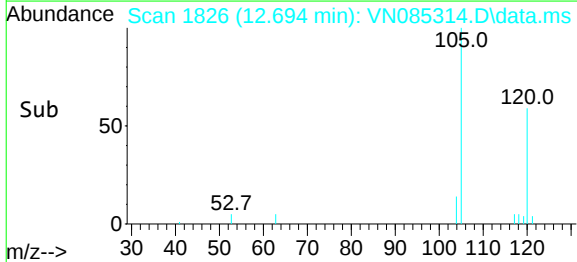
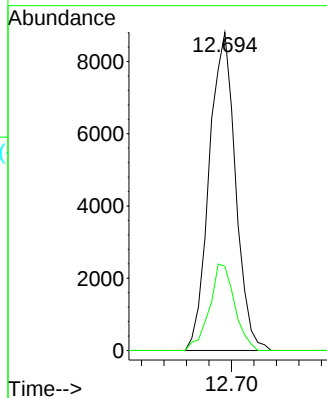
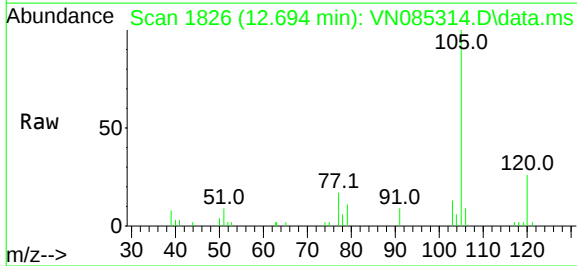
SPLP-C11-2-MDL

Tgt Ion: 105 Resp: 14282

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#78

n-propylbenzene

Concen: 1.015 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085314.D

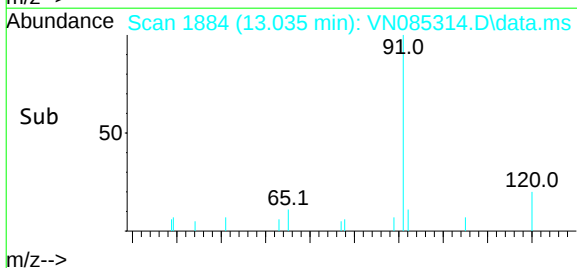
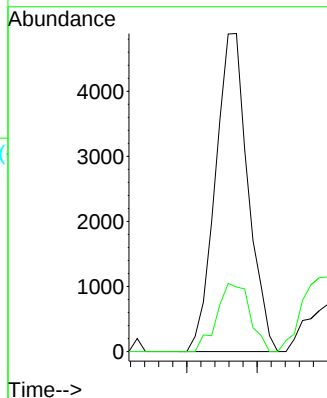
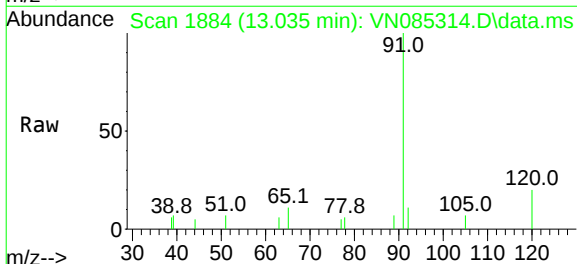
Acq: 26 Dec 2024 13:49

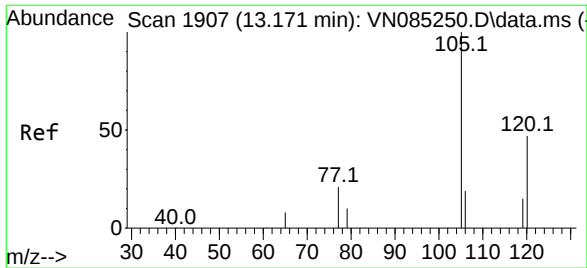
Tgt Ion: 91 Resp: 7893

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 1.722 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085314.D

Acq: 26 Dec 2024 13:49

Instrument :

MSVOA_N

ClientSampleId :

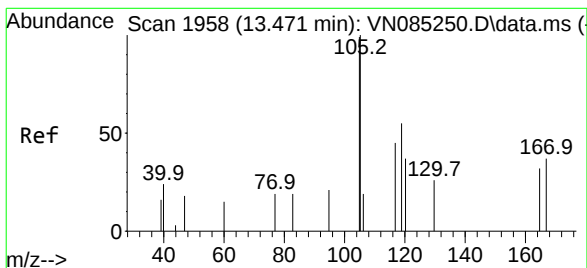
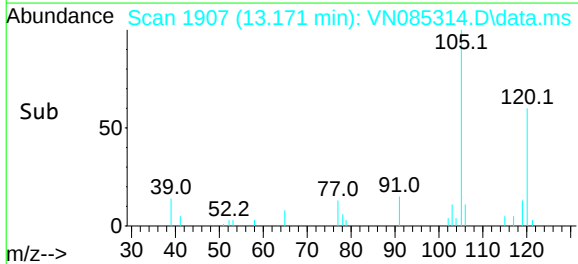
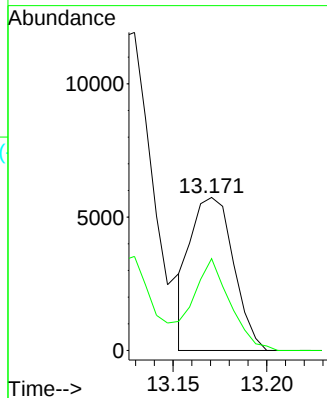
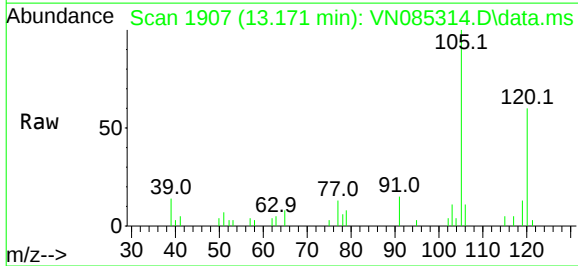
SPLP-C11-2-MDL

Tgt Ion:105 Resp: 9109

Ion Ratio Lower Upper

105 100

120 53.9 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 6.359 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN085314.D

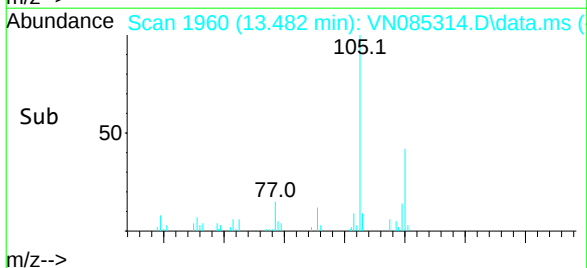
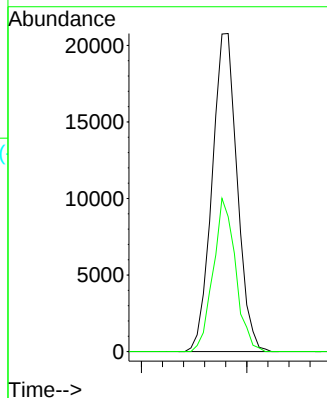
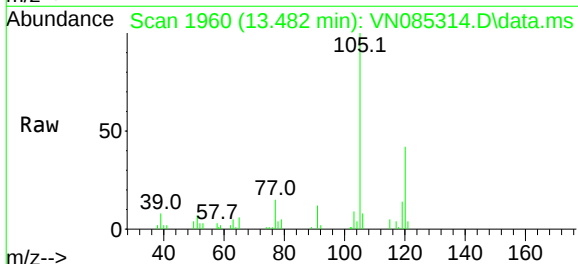
Acq: 26 Dec 2024 13:49

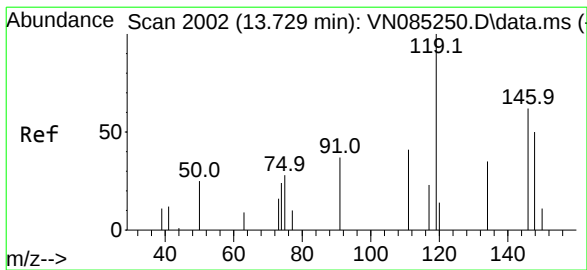
Tgt Ion:105 Resp: 34375

Ion Ratio Lower Upper

105 100

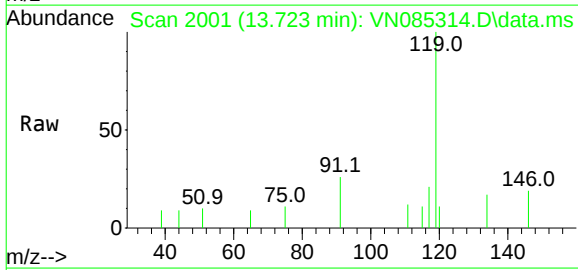
120 42.9 21.8 65.3



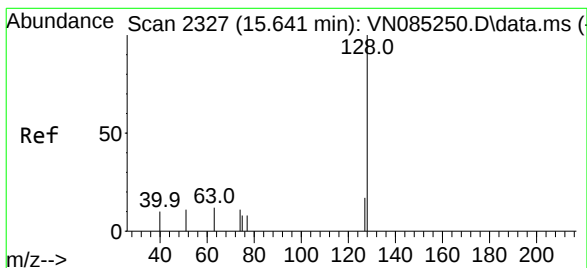
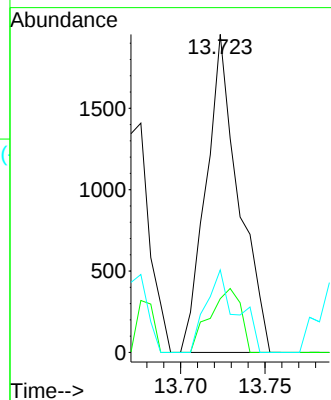
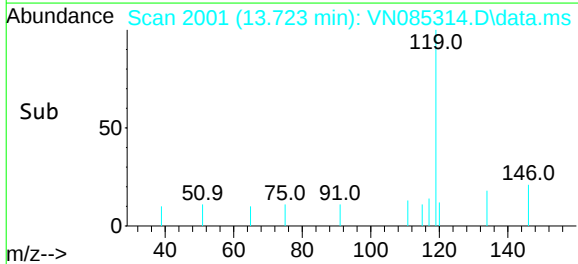


#86
p-Isopropyltoluene
Concen: 2.363 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-MDL



Tgt Ion:119 Resp: 2621
Ion Ratio Lower Upper
119 100
134 19.2 12.5 37.5
91 0.0 13.0 38.9#



#95
Naphthalene
Concen: 230.715 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085314.D
Acq: 26 Dec 2024 13:49

Tgt Ion:128 Resp: 1115141
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 13.0

