

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085300.D
 Acq On : 23 Dec 2024 17:36
 Operator : JC\MD
 Sample : P5371-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 24 04:14:18 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)

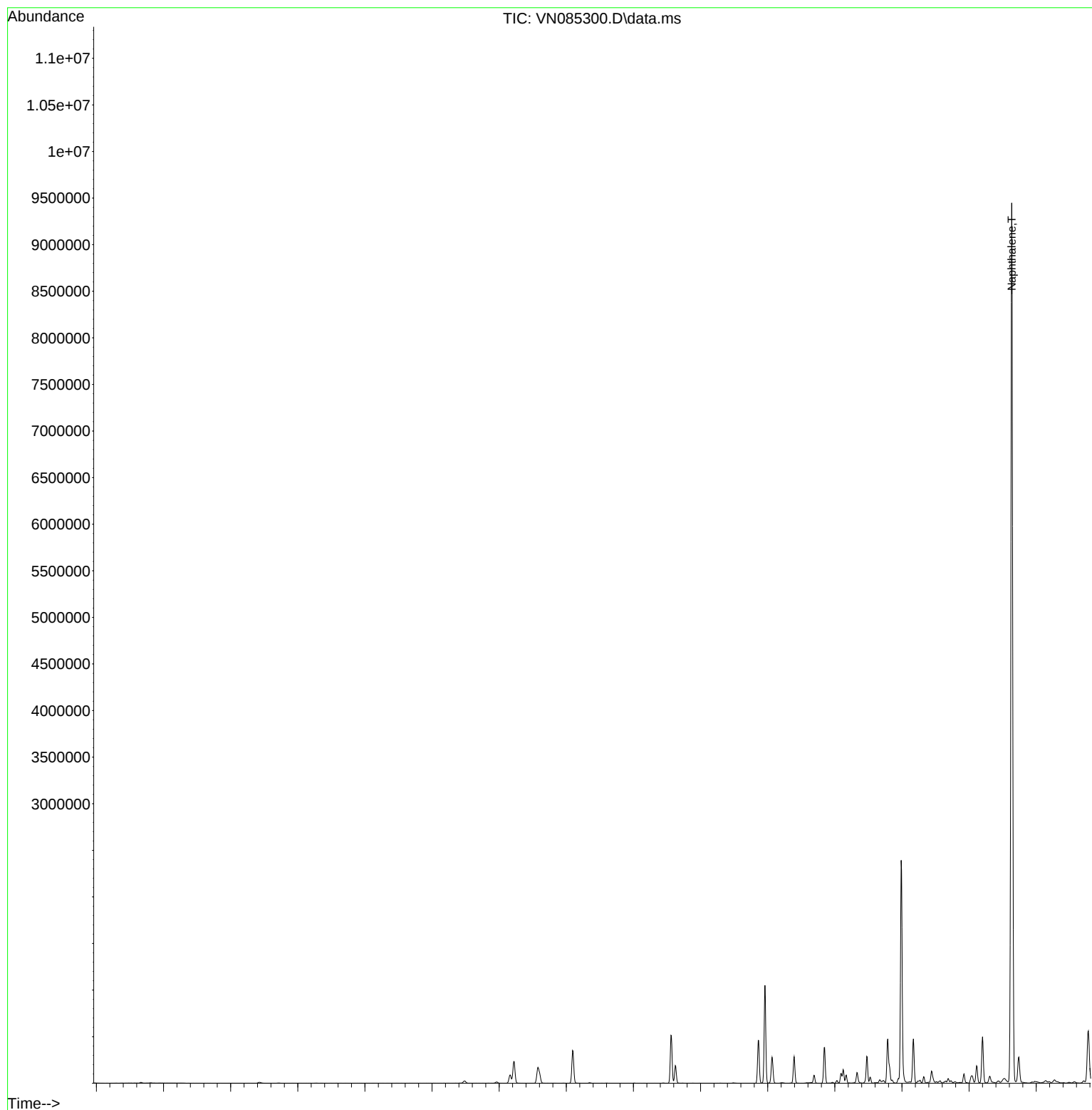
Internal Standards						
1) Pentafluorobenzene	8.218	168	162897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	294714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121625	42.718	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.440%		
35) Dibromofluoromethane	8.165	113	64003	30.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	61.780%#		
50) Toluene-d8	10.559	98	359663	47.492	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.980%		
62) 4-Bromofluorobenzene	12.847	95	132855	49.116	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.240%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	20358	20.714	ug/l	92
27) cis-1,2-Dichloroethene	7.477	96	13041	5.464	ug/l	82
30) Chloroform	7.959	83	12622	2.970	ug/l	96
40) Benzene	8.600	78	86435	9.630	ug/l	97
44) Trichloroethene	9.359	130	2154	1.078	ug/l	61
52) Toluene	10.624	92	80834	14.978	ug/l	100
67) Ethyl Benzene	11.959	91	747419	75.326	ug/l	98
68) m/p-Xylenes	12.065	106	87610	23.608	ug/l	98
69) o-Xylene	12.394	106	77077	22.096	ug/l	96
73) Isopropylbenzene	12.688	105	53945	6.306	ug/l	99
78) n-propylbenzene	13.029	91	23414	2.232	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	45927	6.436	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	162288	22.250	ug/l	99
86) p-Isopropyltoluene	13.723	119	8572	2.956	ug/l #	73
95) Naphthalene	15.635	128	8140636	1248.218	ug/l	99

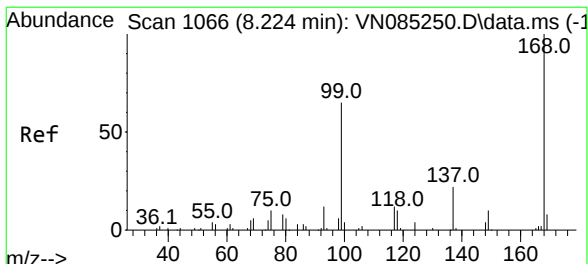
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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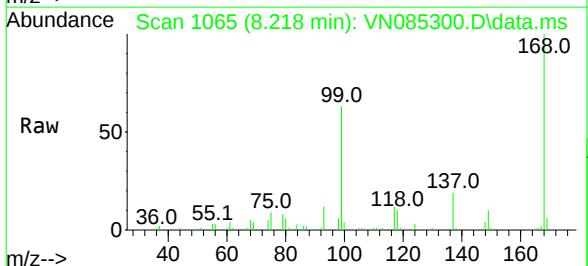
Quant Time: Dec 24 04:14:18 2024
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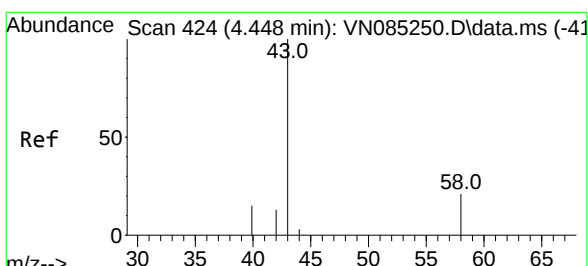
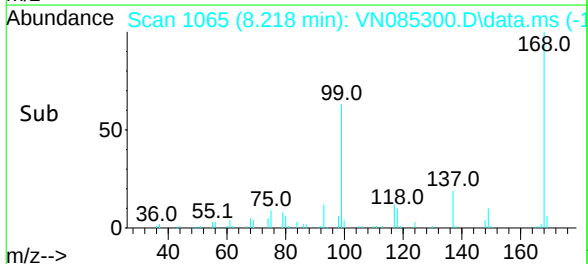
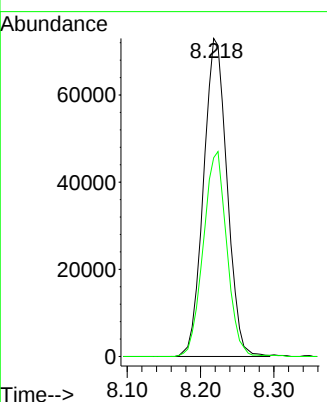


#1
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.000 min
 Lab File: VN085300.D
 Acq: 23 Dec 2024 17:36

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

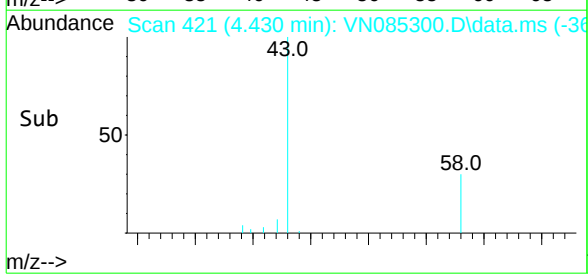
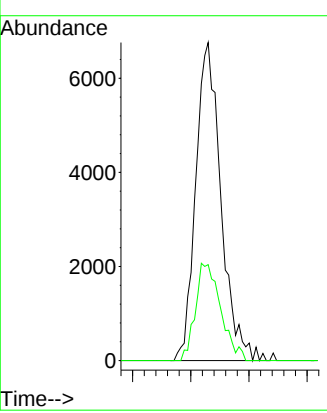
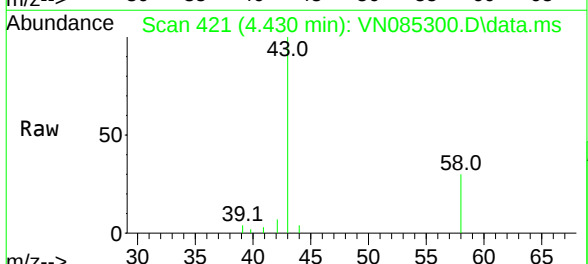


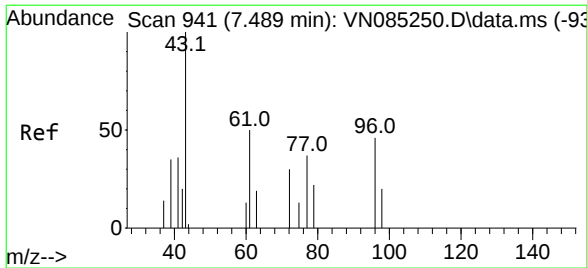
Tgt Ion: 168 Resp: 162897
 Ion Ratio Lower Upper
 168 100
 99 62.5 50.7 76.1



#16
Acetone
 Concen: 20.714 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: VN085300.D
 Acq: 23 Dec 2024 17:36

Tgt Ion: 43 Resp: 20358
 Ion Ratio Lower Upper
 43 100
 58 30.2 20.8 31.2

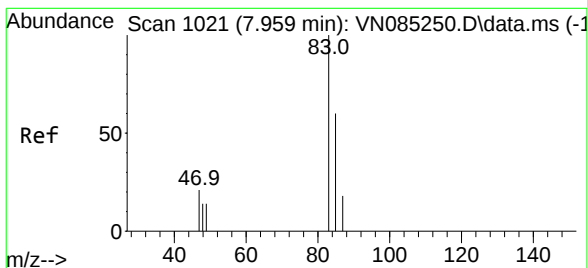
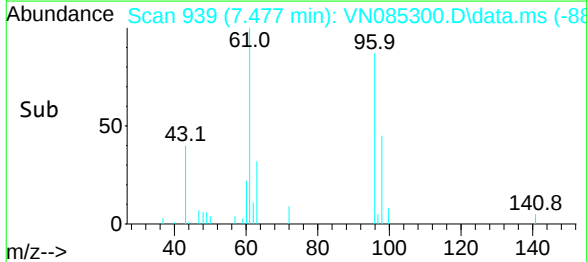
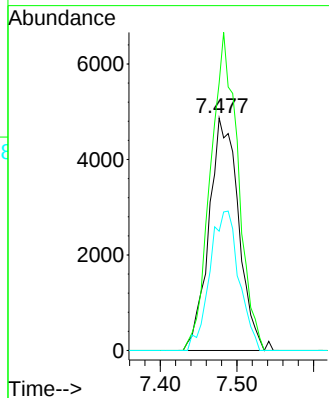
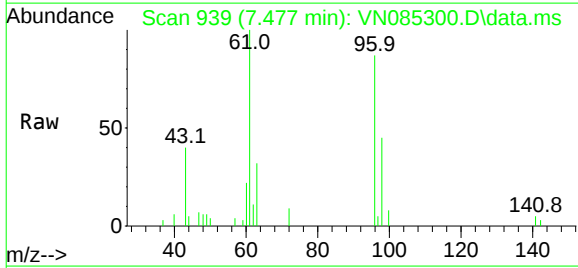




#27
cis-1,2-Dichloroethene
Concen: 5.464 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

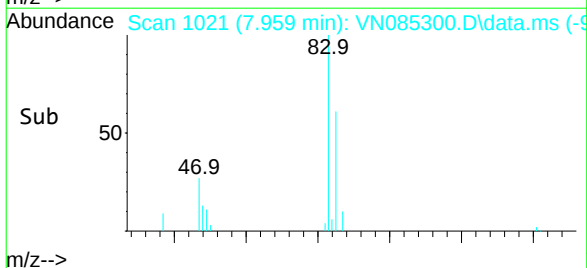
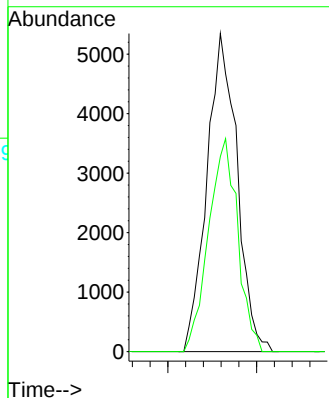
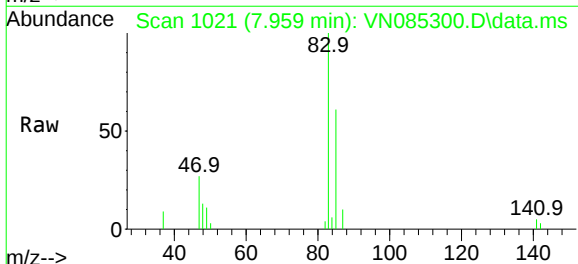
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-M

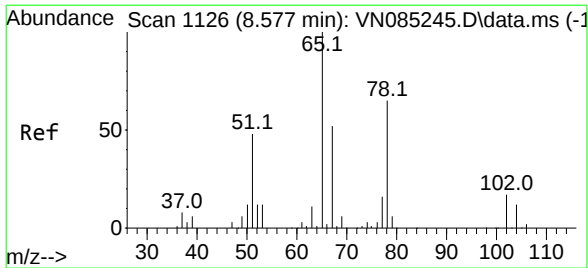
Tgt Ion: 96 Resp: 13041
Ion Ratio Lower Upper
96 100
61 127.7 0.0 316.4
98 59.3 0.0 125.4



#30
Chloroform
Concen: 2.970 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

Tgt Ion: 83 Resp: 12622
Ion Ratio Lower Upper
83 100
85 61.3 51.4 77.0

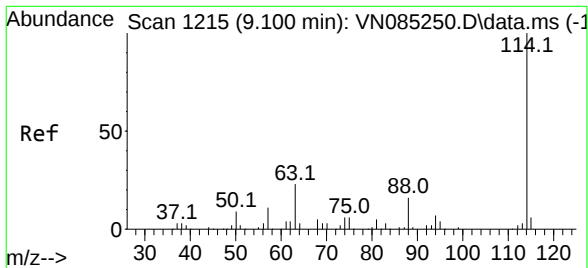
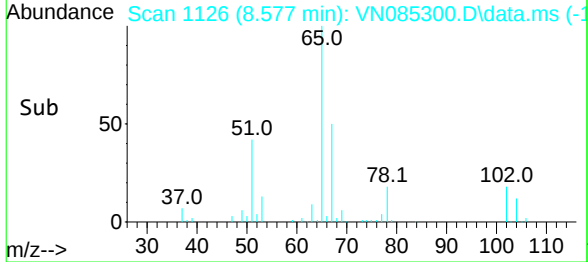
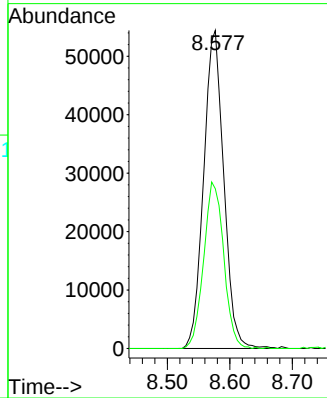
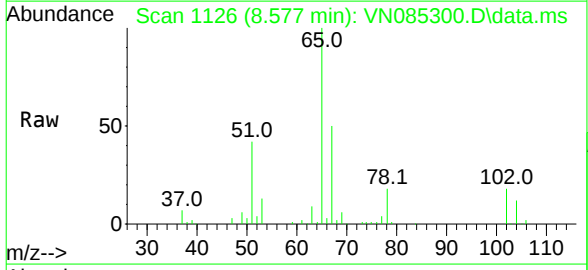




#33
 1,2-Dichloroethane-d4
 Concen: 42.718 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: VN085300.D
 Acq: 23 Dec 2024 17:36

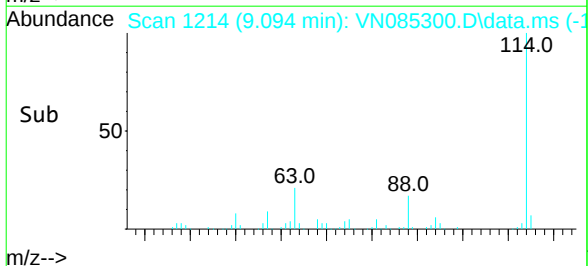
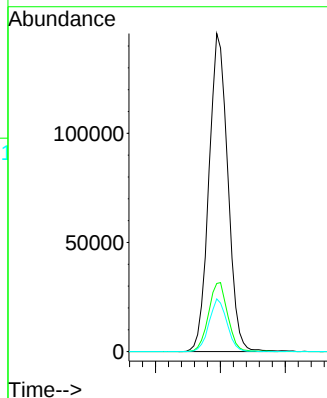
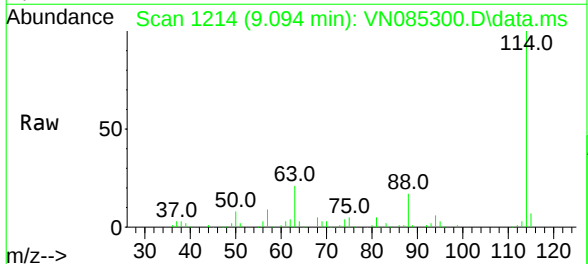
Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C12-2-M

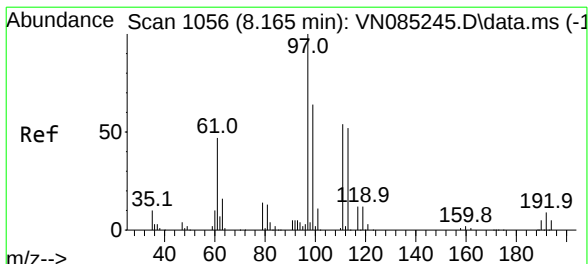
Tgt Ion: 65 Resp: 121625
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN085300.D
 Acq: 23 Dec 2024 17:36

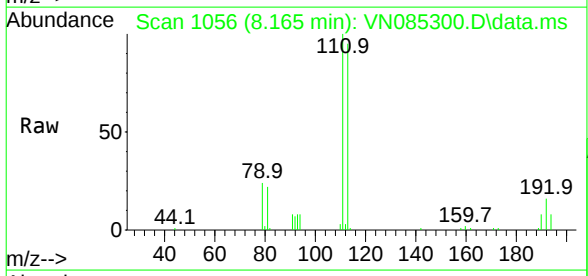
Tgt Ion: 114 Resp: 294714
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 46.2
 88 16.6 0.0 32.6





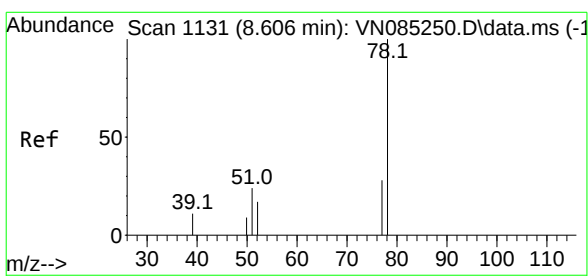
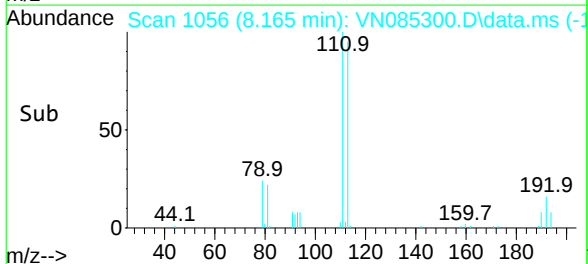
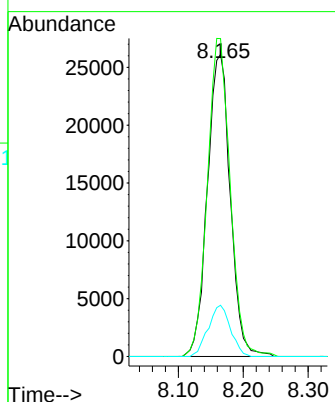
#35
 Dibromofluoromethane
 Concen: 30.890 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN085300.D
 Acq: 23 Dec 2024 17:36

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



Tgt Ion: 113 Resp: 64003

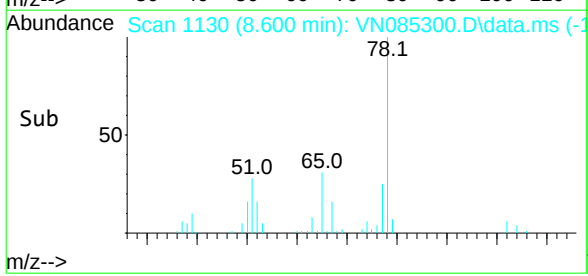
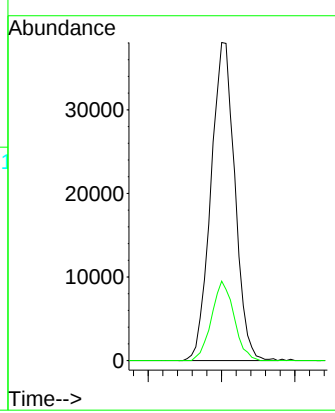
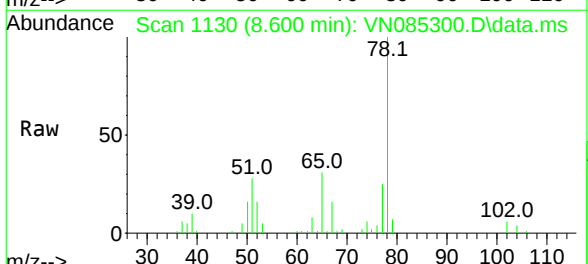
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.1	123.1
192	16.5	13.4	20.0

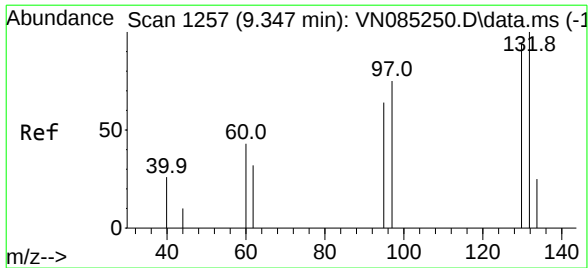


#40
 Benzene
 Concen: 9.630 ug/l
 RT: 8.600 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN085300.D
 Acq: 23 Dec 2024 17:36

Tgt Ion: 78 Resp: 86435

Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.9	28.3

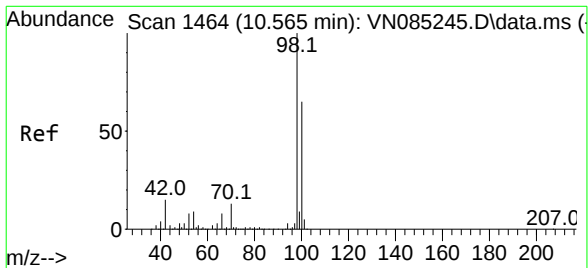
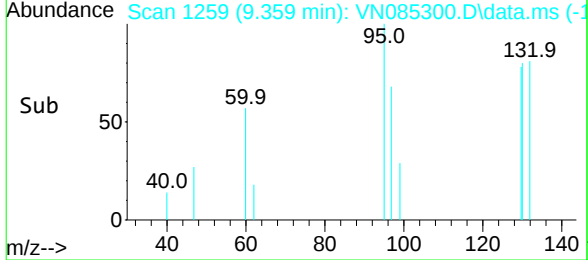
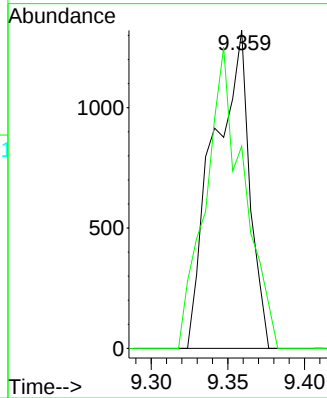
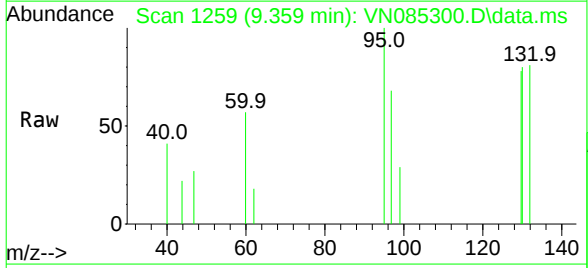




#44
Trichloroethene
Concen: 1.078 ug/l
RT: 9.359 min Scan# 12
Delta R.T. 0.012 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

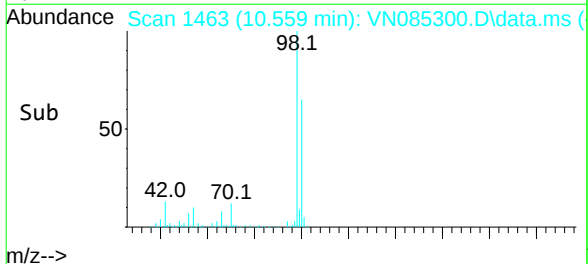
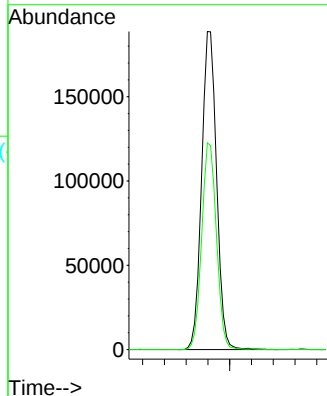
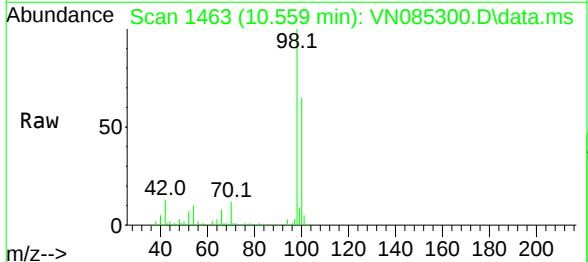
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-M

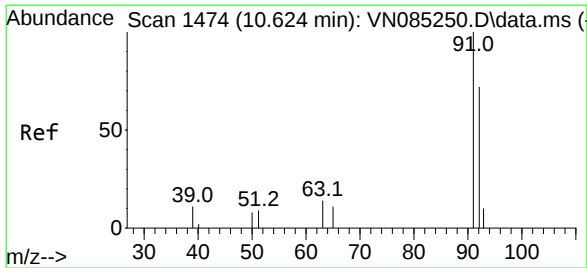
Tgt Ion:130 Resp: 2154
Ion Ratio Lower Upper
130 100
95 63.6 0.0 207.6



#50
Toluene-d8
Concen: 47.492 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

Tgt Ion: 98 Resp: 359663
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





#52

Toluene

Concen: 14.978 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

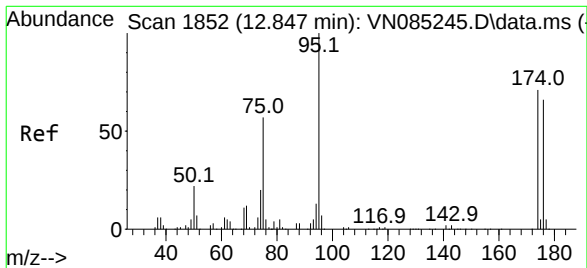
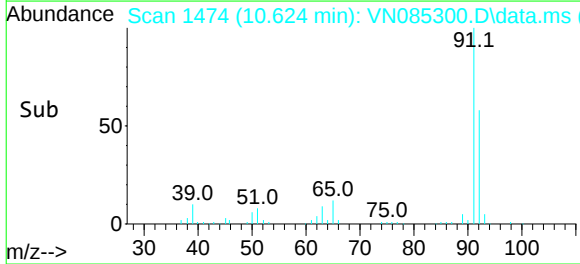
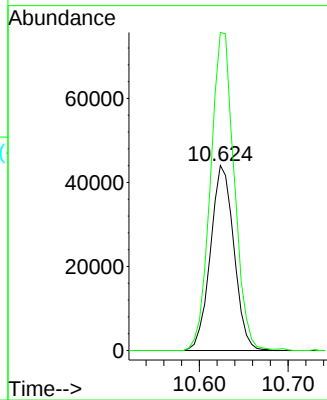
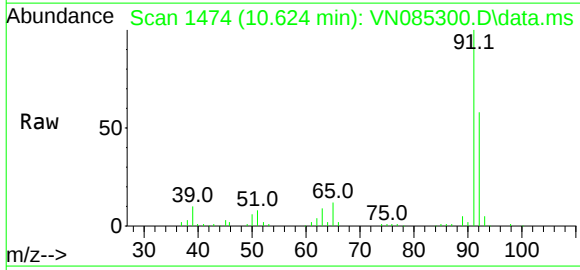
SPLP-C12-2-M

Tgt Ion: 92 Resp: 80834

Ion Ratio Lower Upper

92 100

91 174.0 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 49.116 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

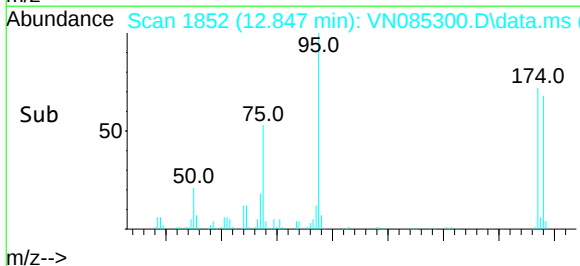
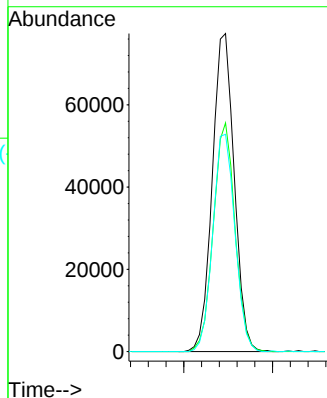
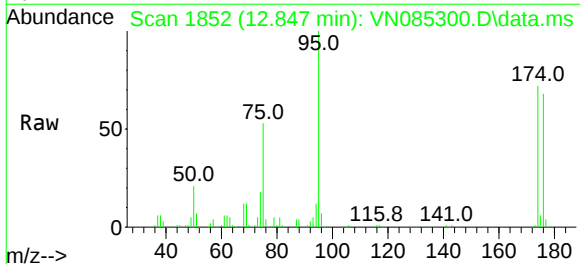
Tgt Ion: 95 Resp: 132855

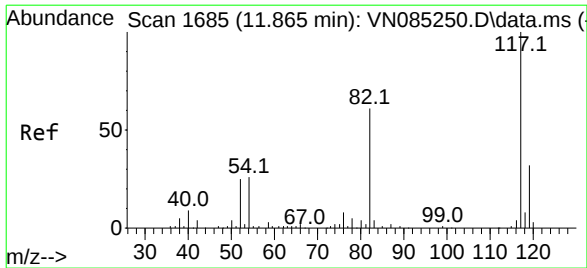
Ion Ratio Lower Upper

95 100

174 70.9 0.0 144.4

176 68.9 0.0 136.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C12-2-M

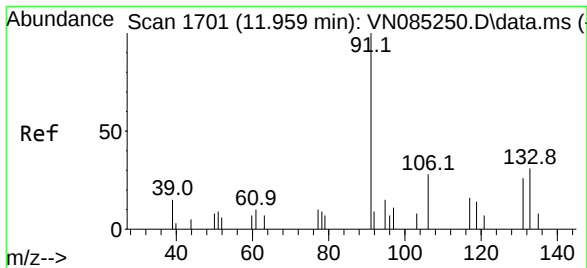
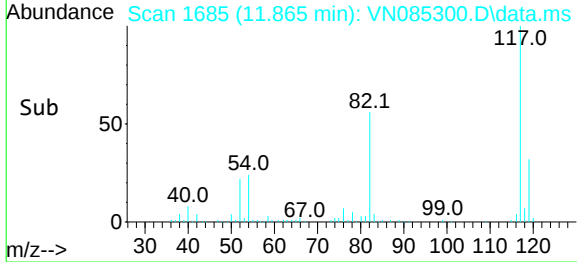
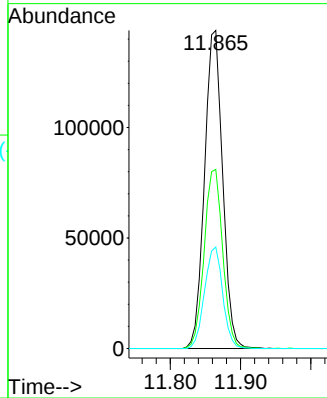
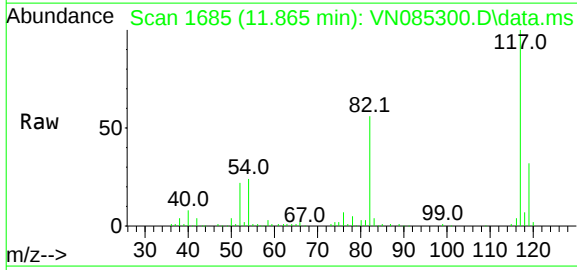
Tgt Ion:117 Resp: 257534

Ion Ratio Lower Upper

117 100

82 56.3 47.4 71.2

119 31.9 25.6 38.4



#67

Ethyl Benzene

Concen: 75.326 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085300.D

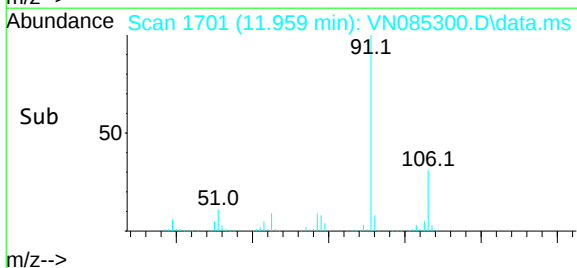
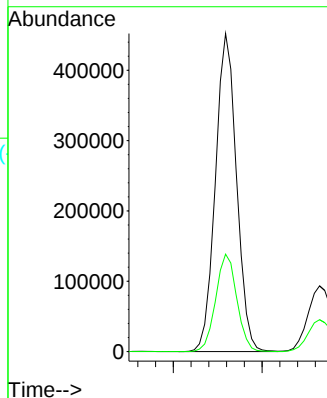
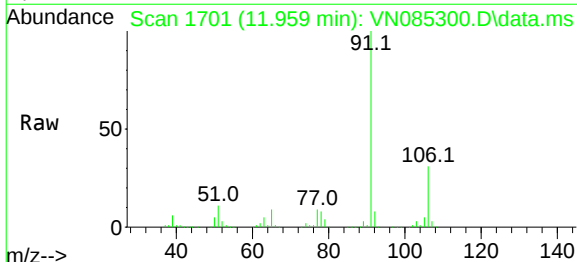
Acq: 23 Dec 2024 17:36

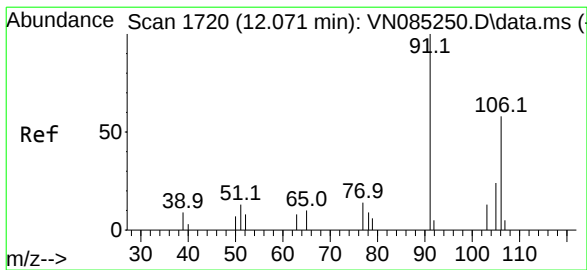
Tgt Ion: 91 Resp: 747419

Ion Ratio Lower Upper

91 100

106 30.6 23.5 35.3

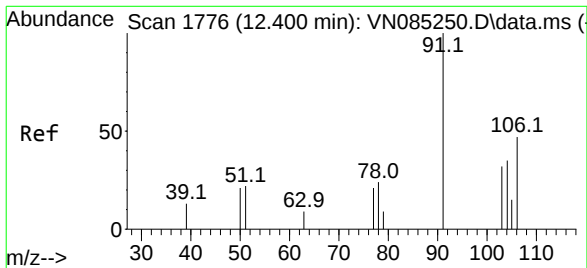
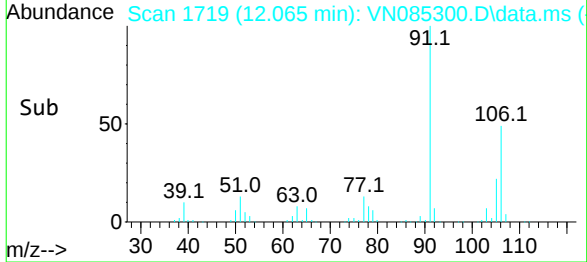
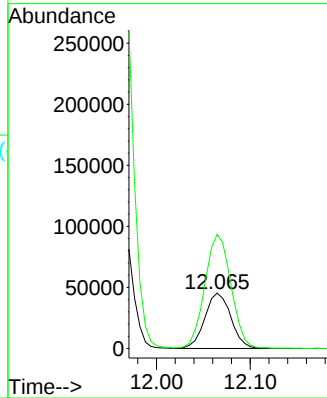
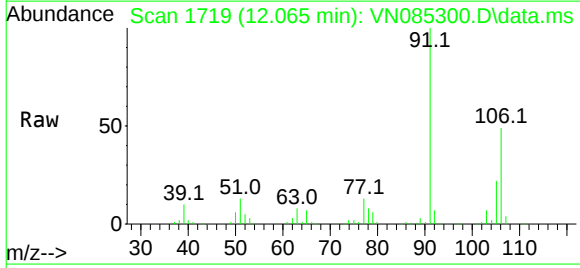




#68
m/p-Xylenes
Concen: 23.608 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

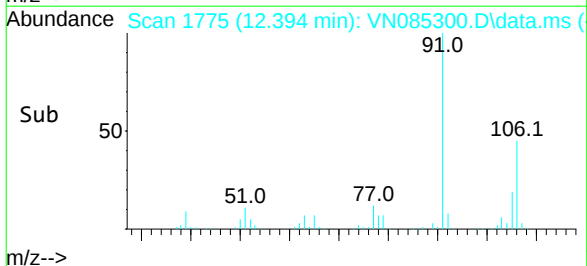
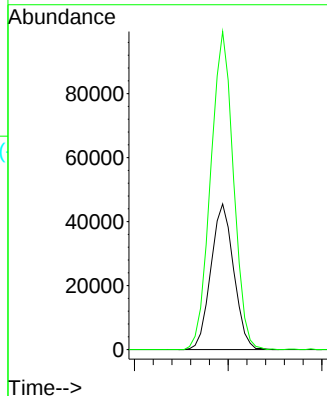
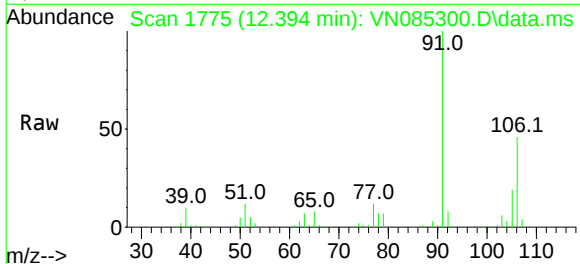
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-M

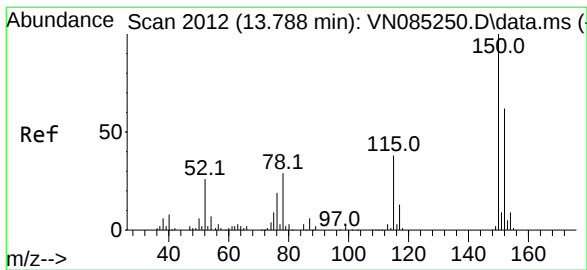
Tgt Ion:106 Resp: 87610
Ion Ratio Lower Upper
106 100
91 207.4 168.3 252.5



#69
o-Xylene
Concen: 22.096 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

Tgt Ion:106 Resp: 77077
Ion Ratio Lower Upper
106 100
91 217.7 112.1 336.2

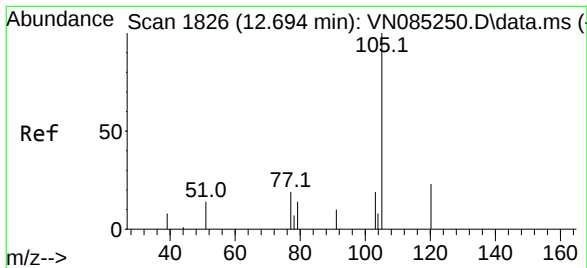
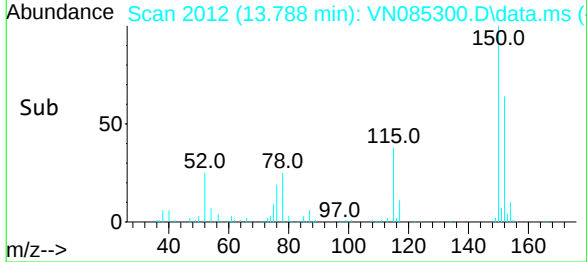
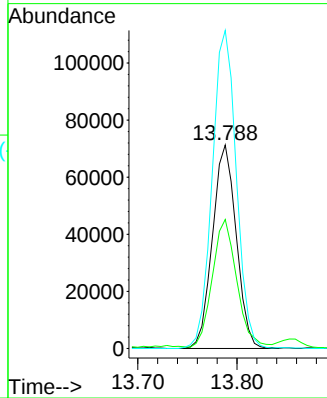
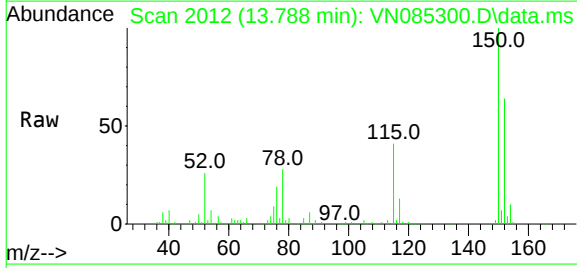




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

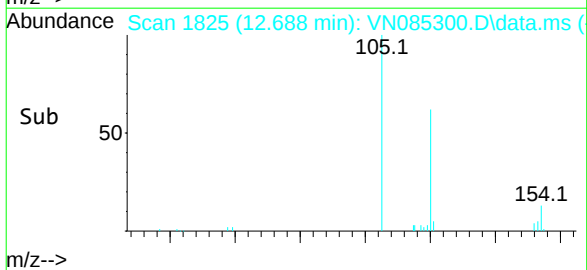
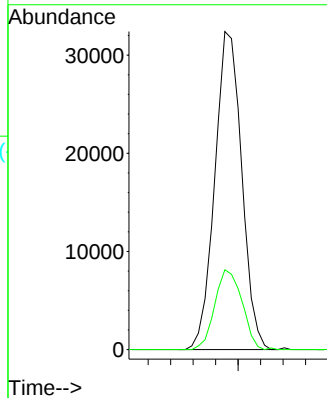
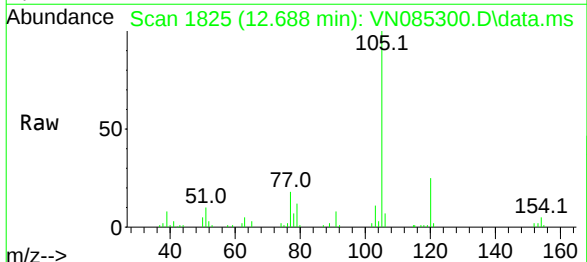
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-M

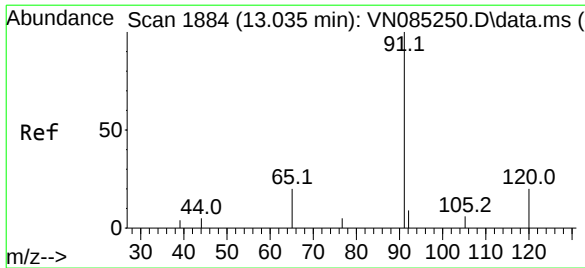
Tgt Ion:152 Resp: 118590
Ion Ratio Lower Upper
152 100
115 64.4 32.1 96.3
150 158.4 0.0 354.6



#73
Isopropylbenzene
Concen: 6.306 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

Tgt Ion:105 Resp: 53945
Ion Ratio Lower Upper
105 100
120 25.3 13.0 38.9

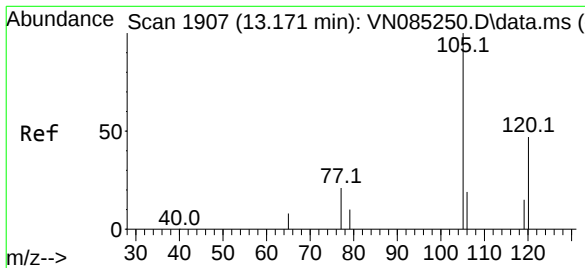
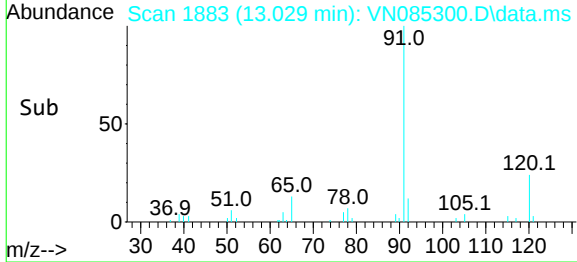
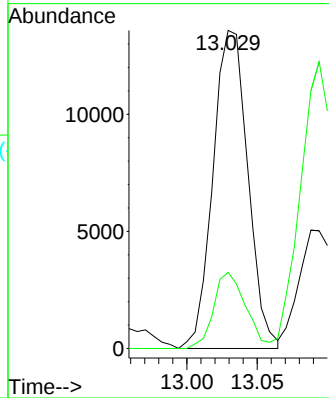
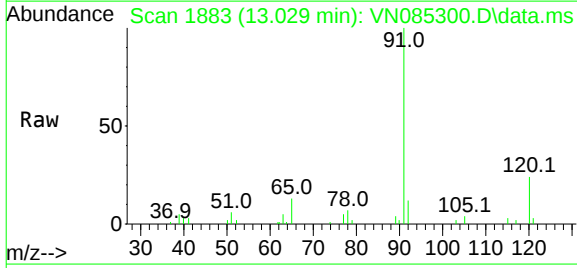




#78
n-propylbenzene
Concen: 2.232 ug/l
RT: 13.029 min Scan# 18
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

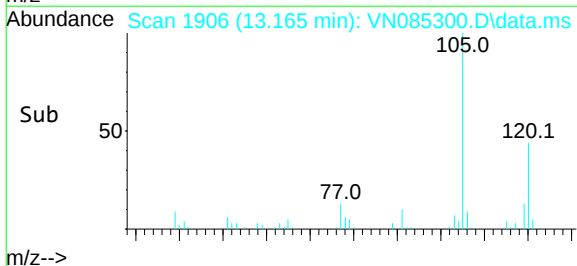
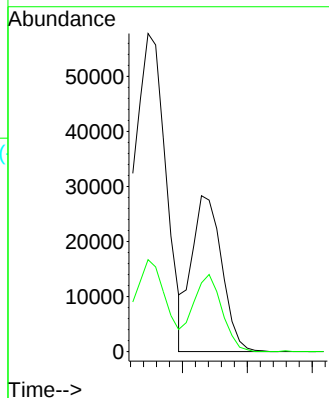
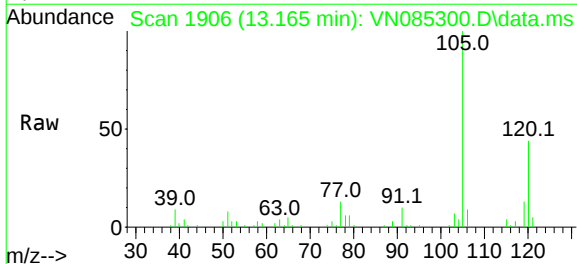
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C12-2-M

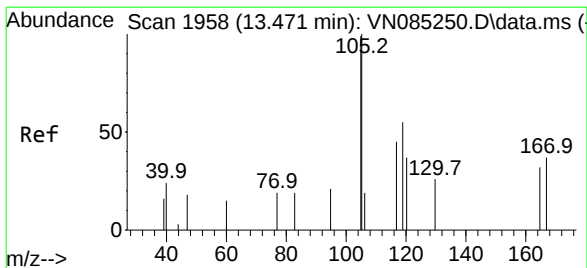
Tgt Ion: 91 Resp: 23414
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.3



#80
1,3,5-Trimethylbenzene
Concen: 6.436 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

Tgt Ion:105 Resp: 45927
Ion Ratio Lower Upper
105 100
120 47.5 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 22.250 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

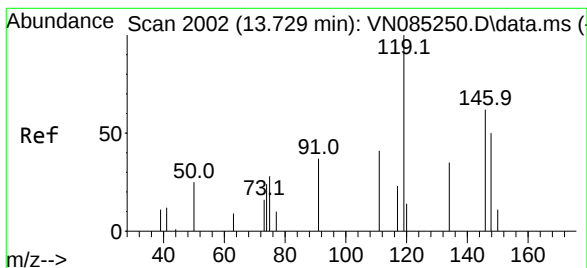
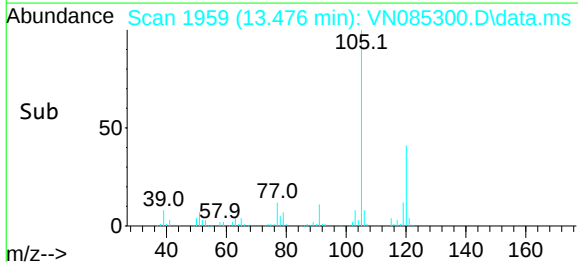
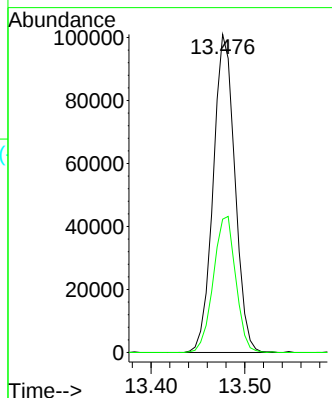
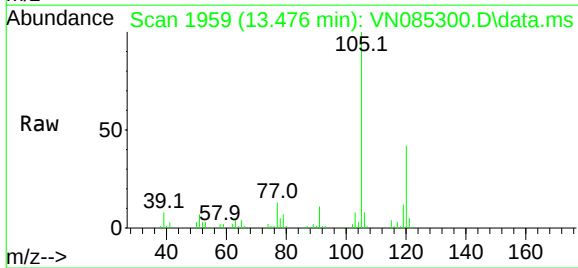
SPLP-C12-2-M

Tgt Ion:105 Resp: 162288

Ion Ratio Lower Upper

105 100

120 44.2 21.8 65.3



#86

p-Isopropyltoluene

Concen: 2.956 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085300.D

Acq: 23 Dec 2024 17:36

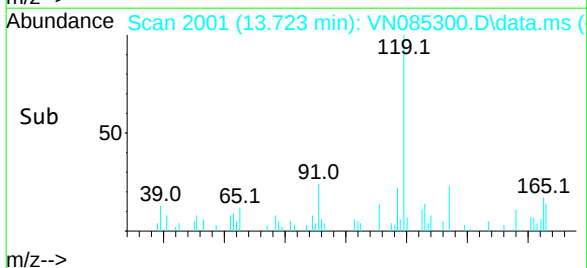
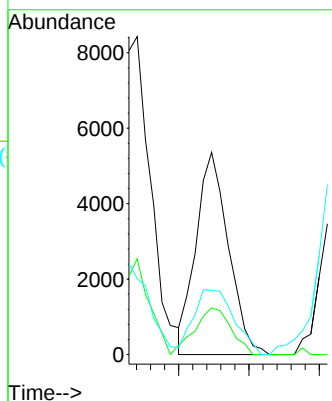
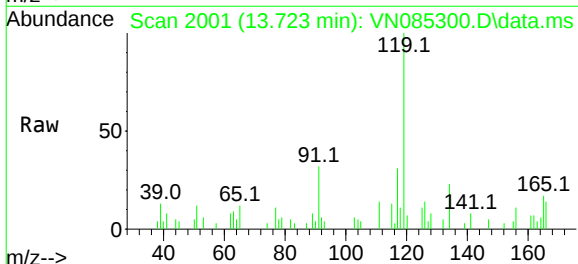
Tgt Ion:119 Resp: 8572

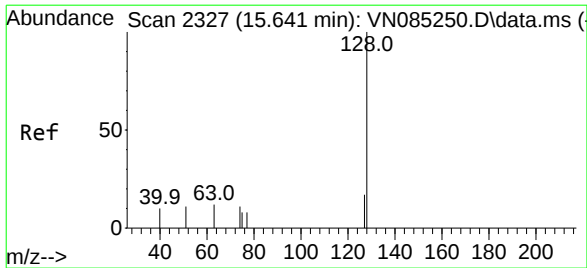
Ion Ratio Lower Upper

119 100

134 26.0 12.5 37.5

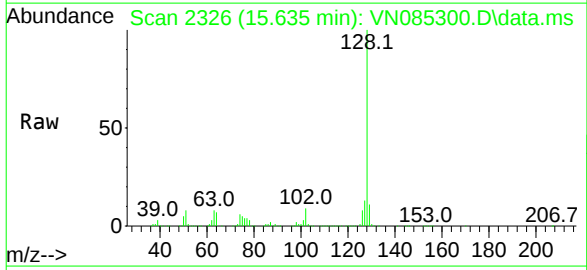
91 0.0 13.0 38.9#





#95
Naphthalene
Concen: 1248.218 ug/l
RT: 15.635 min Scan# 23
Delta R.T. -0.006 min
Lab File: VN085300.D
Acq: 23 Dec 2024 17:36

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



Tgt Ion:128 Resp: 8140636

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.0	8.6	13.0

