

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085297.D
 Acq On : 23 Dec 2024 16:25
 Operator : JC\MD
 Sample : P5371-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 24 04:12:36 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)

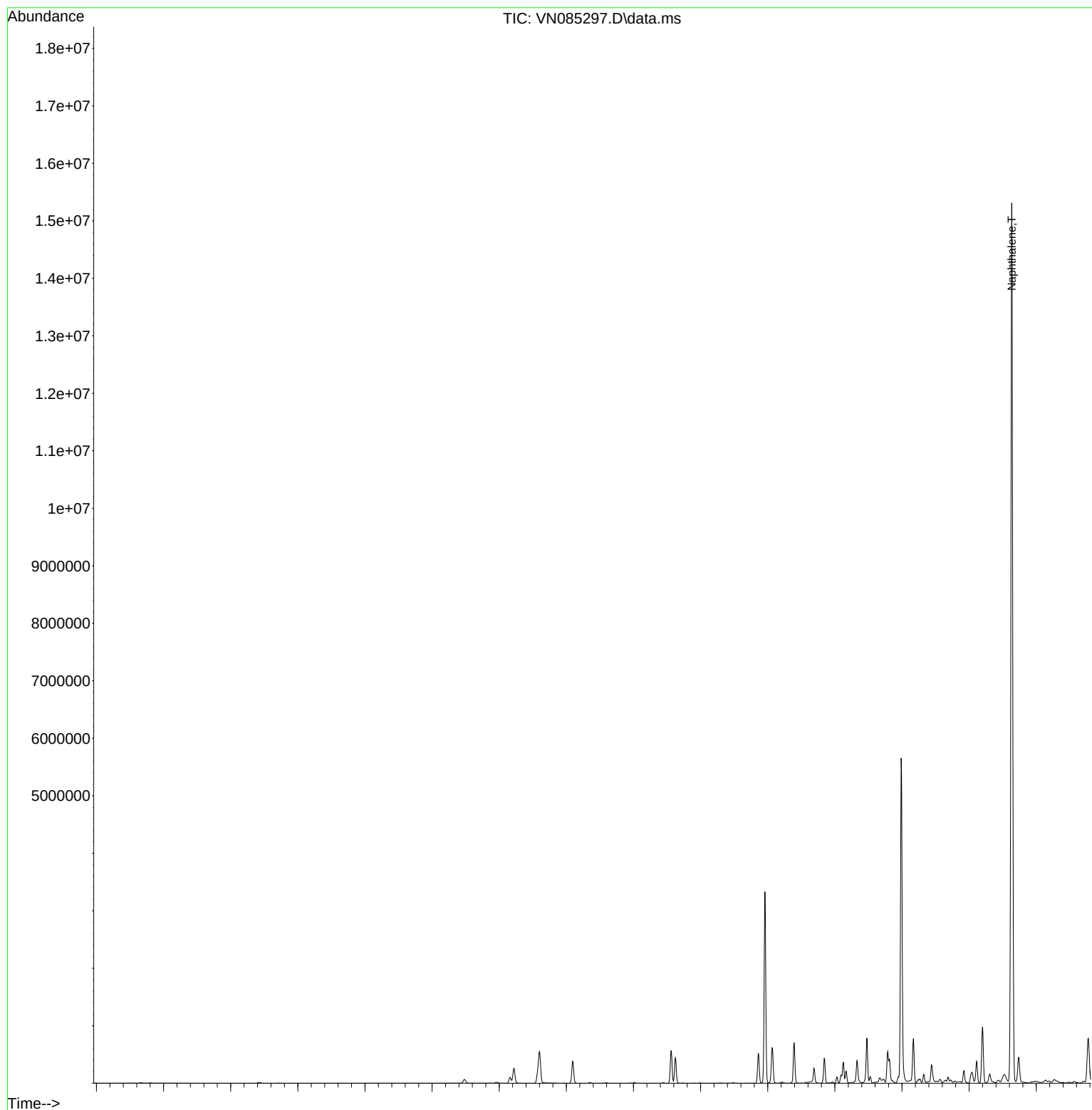
Internal Standards						
1) Pentafluorobenzene	8.218	168	181620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	322846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	281172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	127899	40.290	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.580%		
35) Dibromofluoromethane	8.165	113	71798	31.632	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	63.260%#		
50) Toluene-d8	10.559	98	390792	47.106	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.220%		
62) 4-Bromofluorobenzene	12.841	95	147053	49.628	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.260%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	25641	23.400	ug/l #	81
27) cis-1,2-Dichloroethene	7.483	96	35767	13.441	ug/l	83
30) Chloroform	7.959	83	16107	3.400	ug/l	99
39) Methylcyclohexane	9.600	83	4137	1.258	ug/l	95
40) Benzene	8.600	78	519930	52.879	ug/l	98
44) Trichloroethene	9.353	130	4093	1.870	ug/l	71
52) Toluene	10.624	92	190831	32.278	ug/l	100
67) Ethyl Benzene	11.959	91	2409969	222.461	ug/l	98
68) m/p-Xylenes	12.065	106	199599	49.263	ug/l	95
69) o-Xylene	12.394	106	191476	50.277	ug/l	96
73) Isopropylbenzene	12.688	105	159691	16.371	ug/l	100
78) n-propylbenzene	13.029	91	86477	7.229	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	114431	14.065	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	431203	51.849	ug/l	99
86) p-Isopropyltoluene	13.729	119	20643	4.078	ug/l #	74
95) Naphthalene	15.635	128	13022370	1751.200	ug/l	98

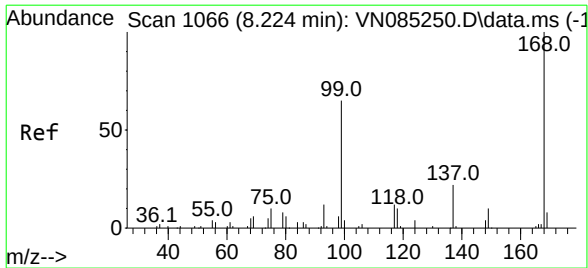
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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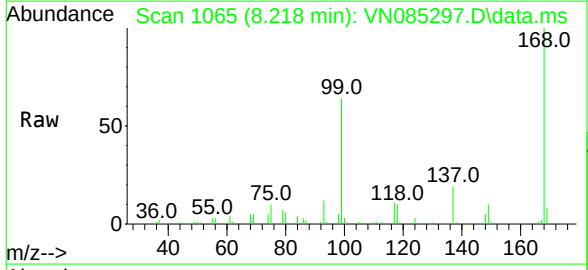
Quant Time: Dec 24 04:12:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



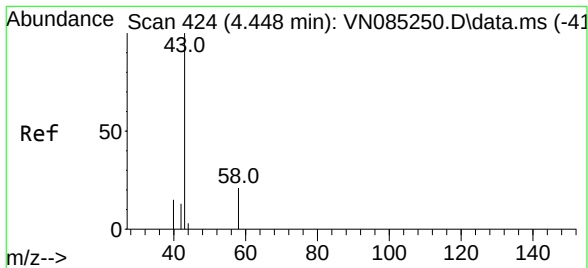
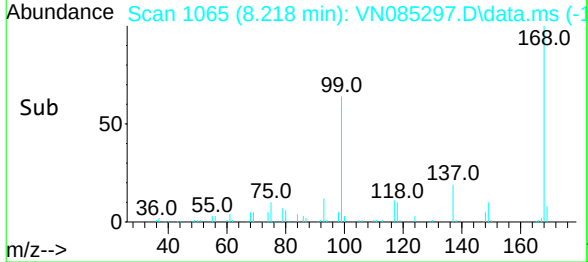
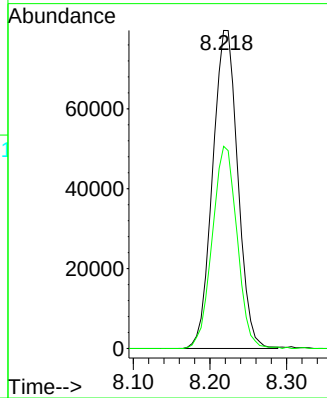


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.000 min
 Lab File: VN085297.D
 Acq: 23 Dec 2024 16:25

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

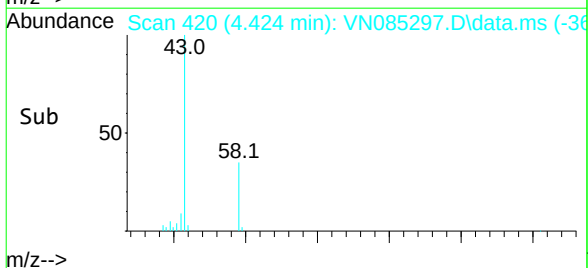
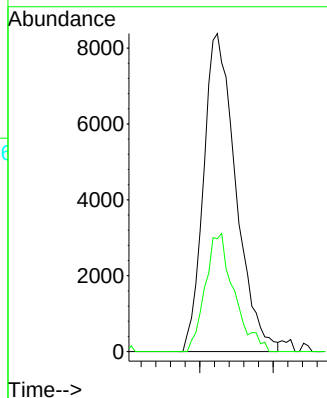
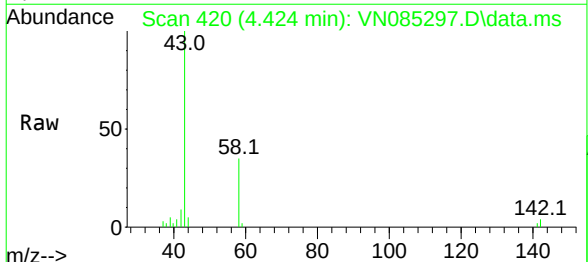


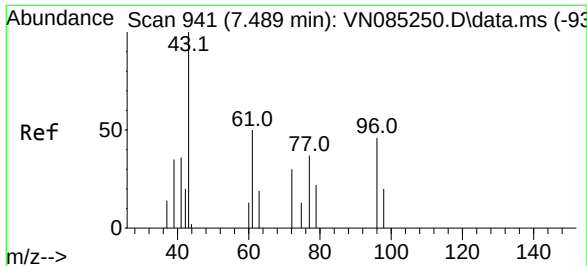
Tgt Ion: 168 Resp: 181620
 Ion Ratio Lower Upper
 168 100
 99 63.6 50.7 76.1



#16
 Acetone
 Concen: 23.400 ug/l
 RT: 4.424 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: VN085297.D
 Acq: 23 Dec 2024 16:25

Tgt Ion: 43 Resp: 25641
 Ion Ratio Lower Upper
 43 100
 58 35.5 20.8 31.2

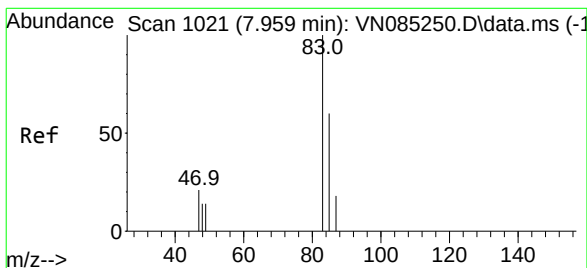
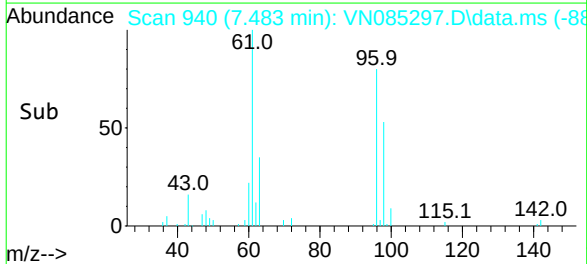
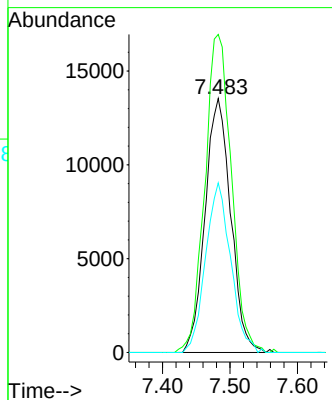
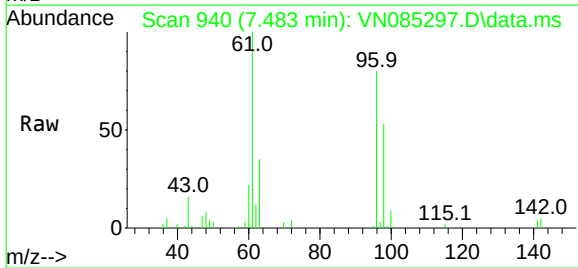




#27
cis-1,2-Dichloroethene
Concen: 13.441 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

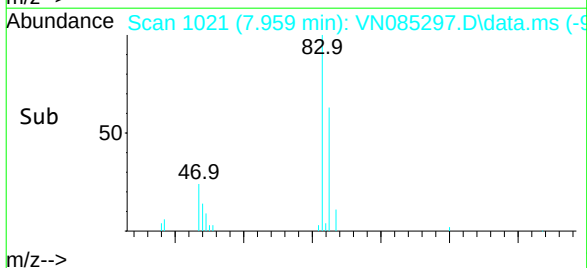
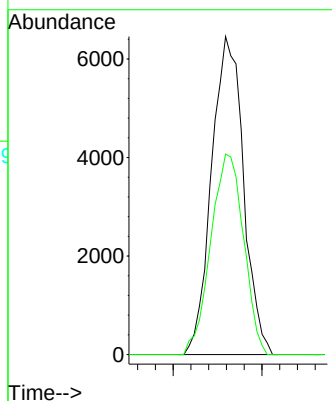
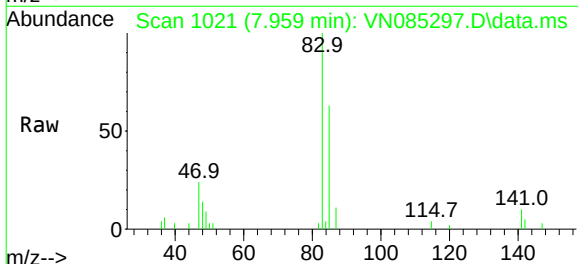
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-M

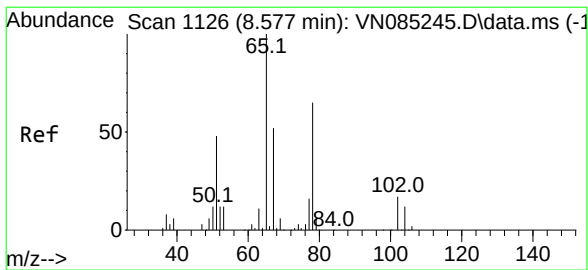
Tgt Ion: 96	Resp: 35767
Ion Ratio	Lower Upper
96 100	
61 129.6	0.0 316.4
98 65.3	0.0 125.4



#30
Chloroform
Concen: 3.400 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

Tgt Ion: 83	Resp: 16107
Ion Ratio	Lower Upper
83 100	
85 63.0	51.4 77.0

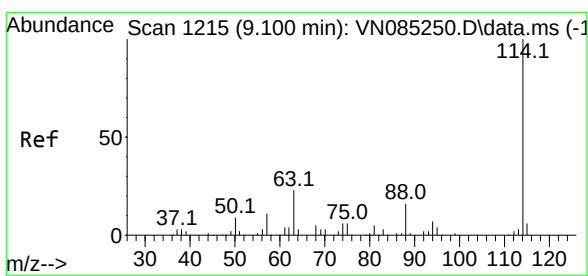
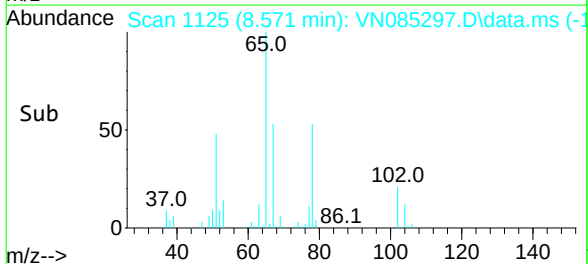
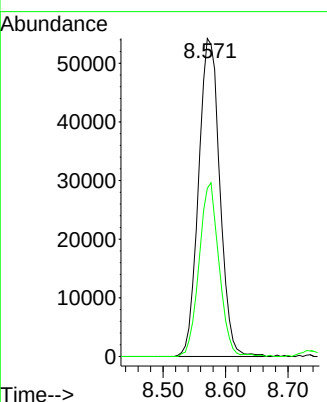
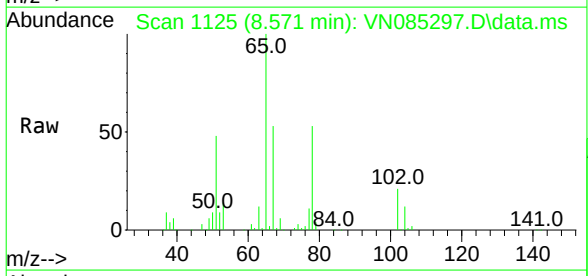




#33
 1,2-Dichloroethane-d4
 Concen: 40.290 ug/l
 RT: 8.571 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN085297.D
 Acq: 23 Dec 2024 16:25

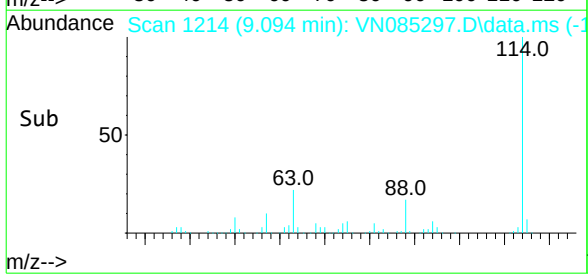
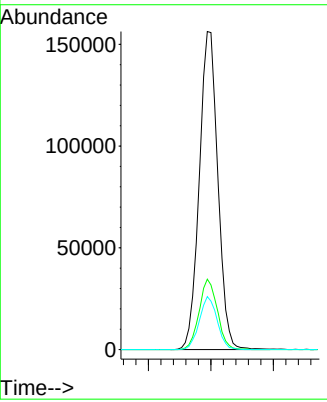
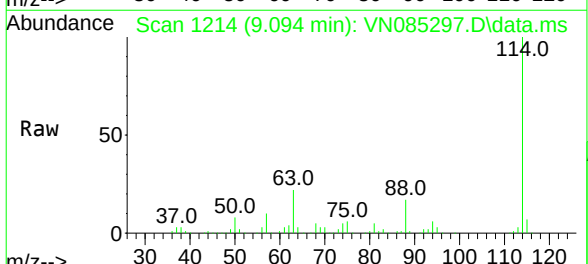
Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-2-M

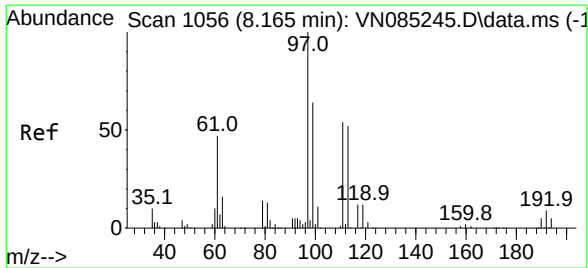
Tgt Ion:	65	Resp:	127899
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN085297.D
 Acq: 23 Dec 2024 16:25

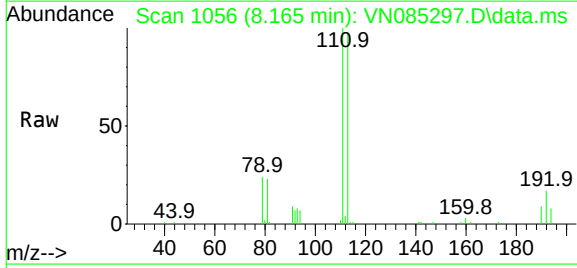
Tgt Ion:	114	Resp:	322846
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	46.2
88	16.7	0.0	32.6



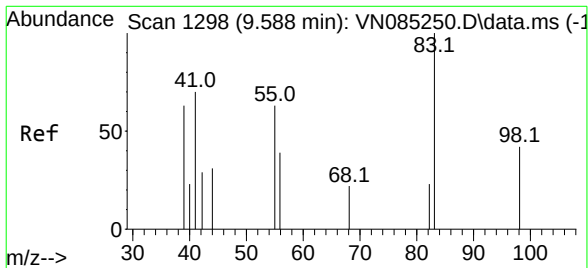
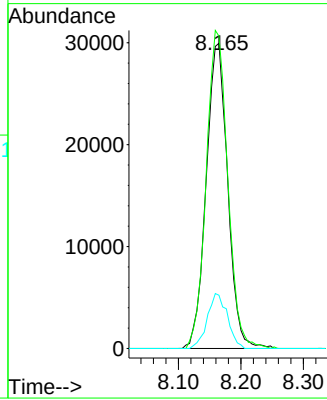
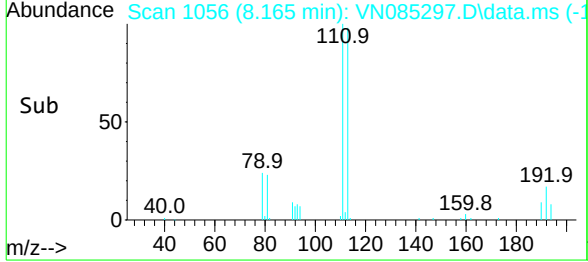


#35
Dibromofluoromethane
Concen: 31.632 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

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

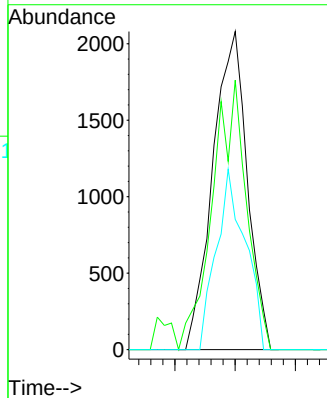
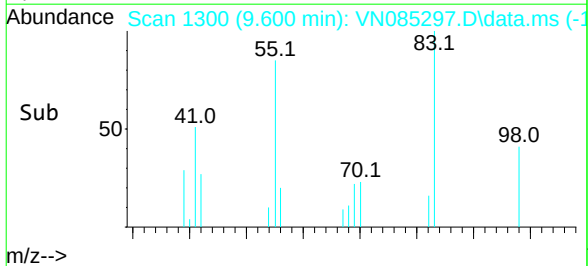
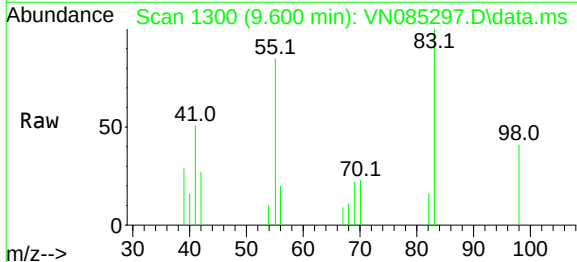


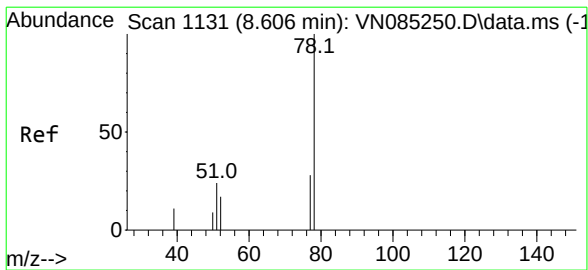
Tgt Ion: 113 Resp: 71798
Ion Ratio Lower Upper
113 100
111 104.3 82.1 123.1
192 16.8 13.4 20.0



#39
Methylcyclohexane
Concen: 1.258 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

Tgt Ion: 83 Resp: 4137
Ion Ratio Lower Upper
83 100
55 84.7 66.8 100.2
98 41.0 39.4 59.2





#40

Benzene

Concen: 52.879 ug/l

RT: 8.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

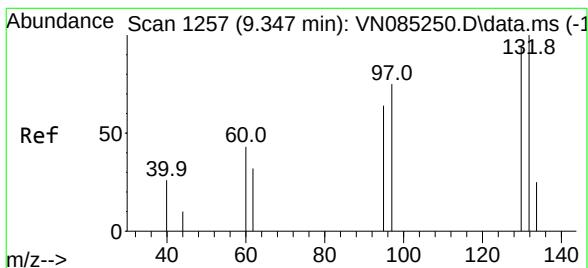
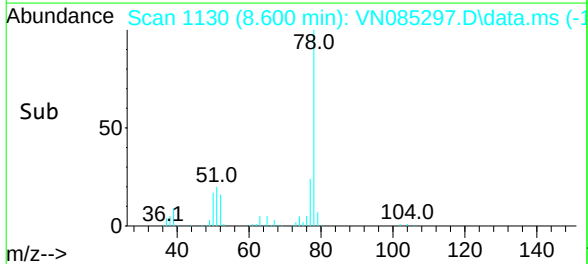
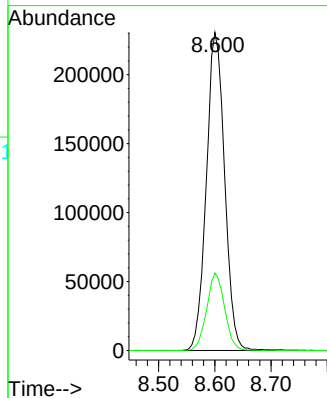
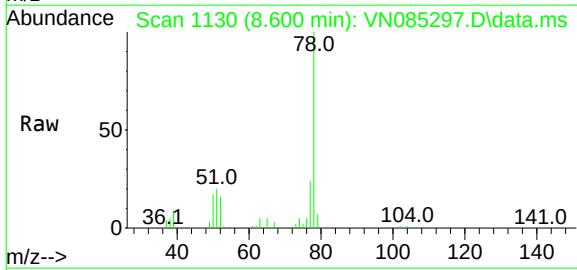
SPLP-C11-2-M

Tgt Ion: 78 Resp: 519930

Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3



#44

Trichloroethene

Concen: 1.870 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN085297.D

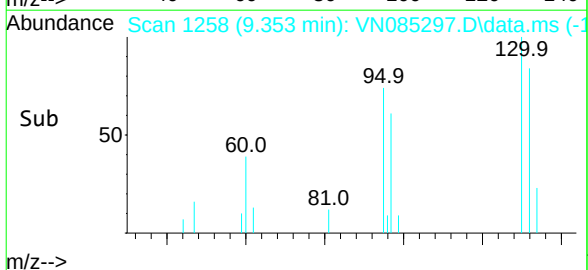
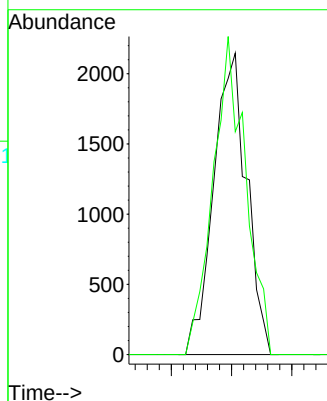
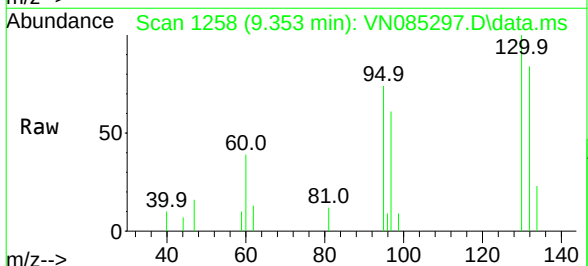
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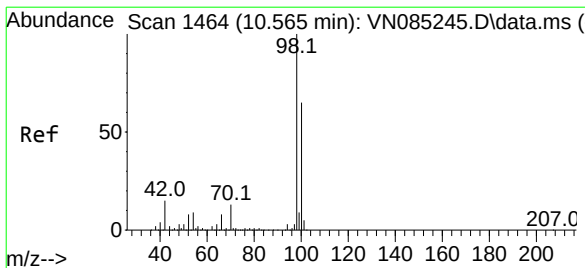
Tgt Ion: 130 Resp: 4093

Ion Ratio Lower Upper

130 100

95 73.9 0.0 207.6





#50

Toluene-d8

Concen: 47.106 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

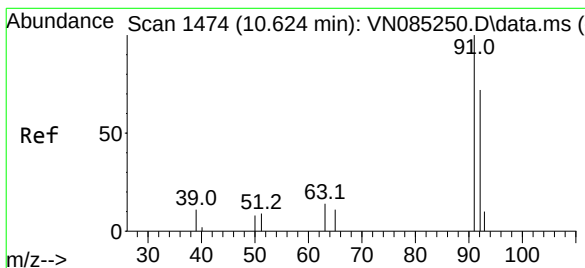
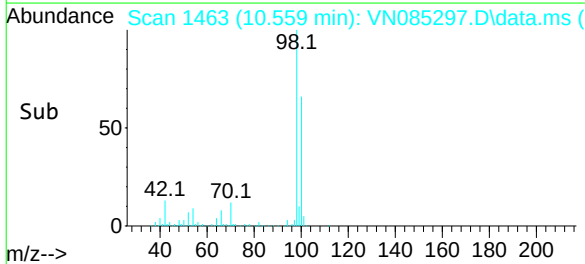
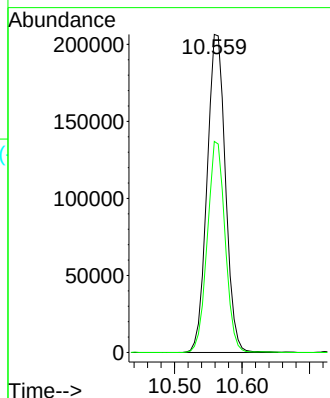
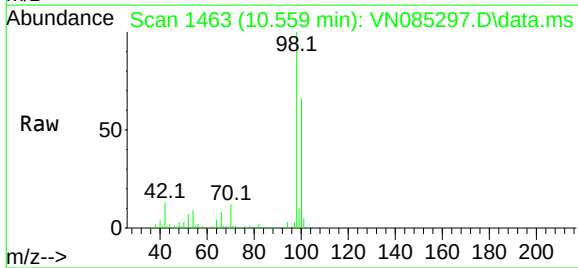
SPLP-C11-2-M

Tgt Ion: 98 Resp: 390792

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#52

Toluene

Concen: 32.278 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085297.D

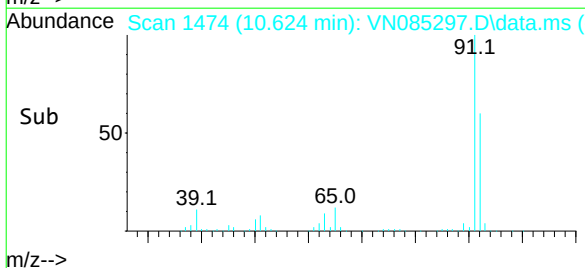
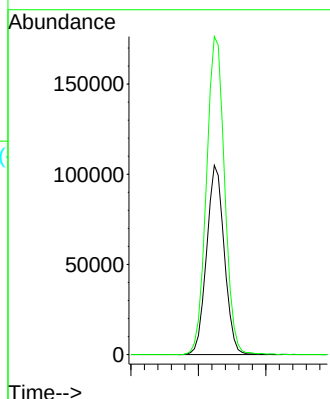
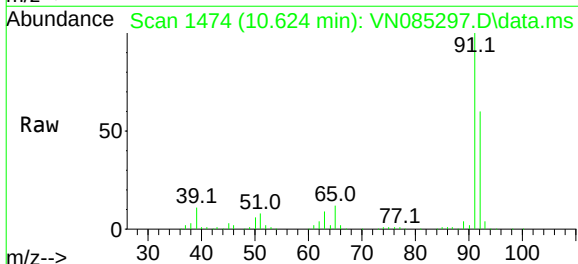
Acq: 23 Dec 2024 16:25

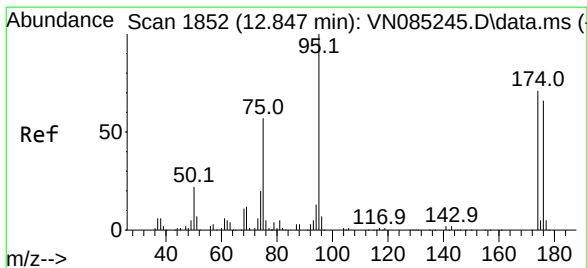
Tgt Ion: 92 Resp: 190831

Ion Ratio Lower Upper

92 100

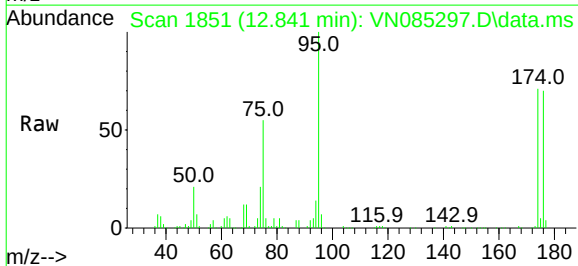
91 173.0 138.9 208.3



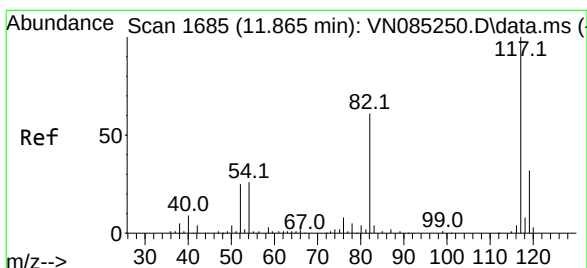
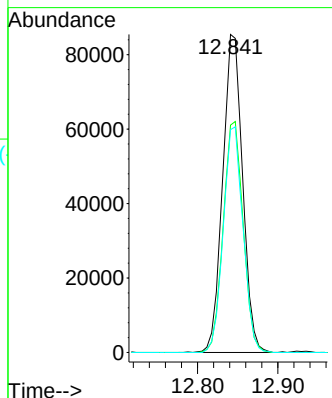
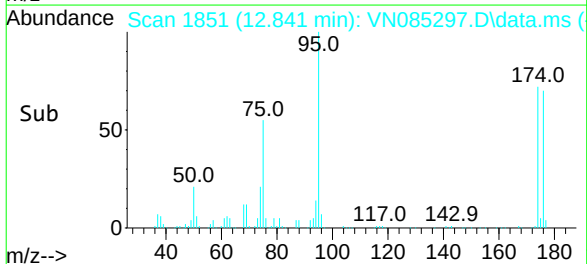


#62
4-Bromofluorobenzene
Concen: 49.628 ug/l
RT: 12.841 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

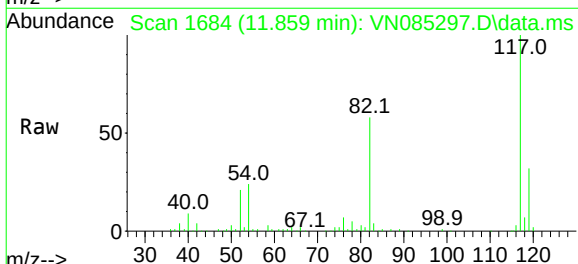
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-M



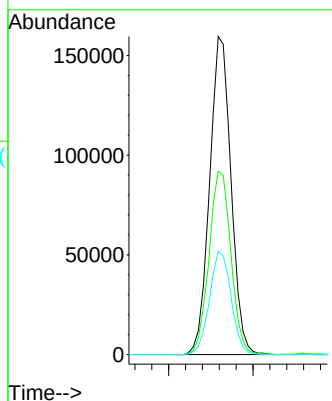
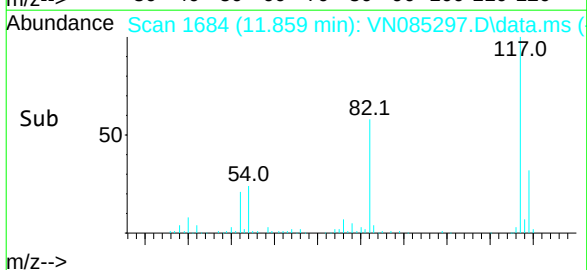
Tgt Ion: 95 Resp: 147053
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.4
176 70.3 0.0 136.6

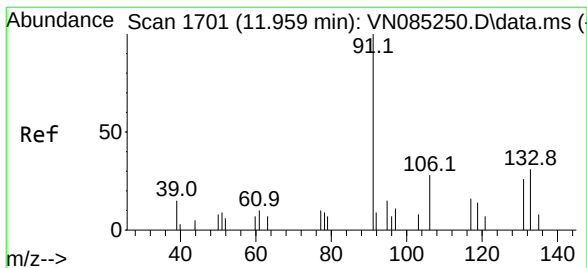


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25



Tgt Ion: 117 Resp: 281172
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.3 25.6 38.4





#67

Ethyl Benzene

Concen: 222.461 ug/l

RT: 11.959 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

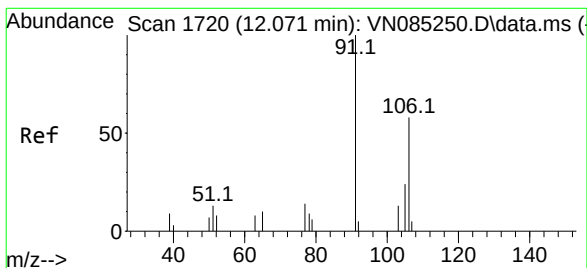
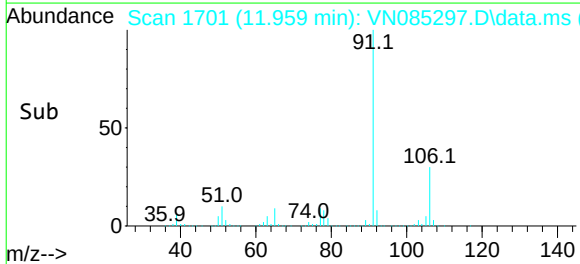
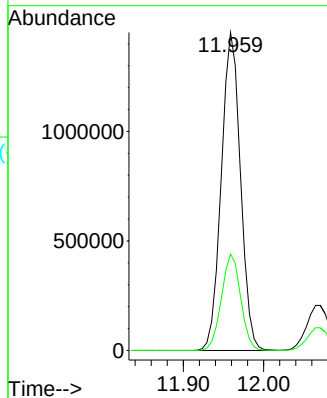
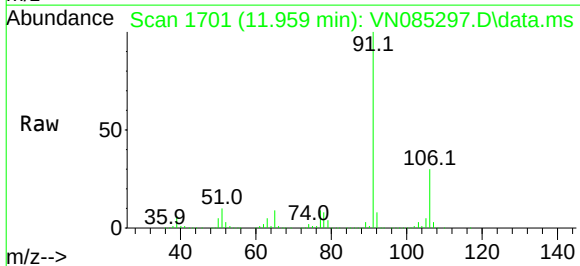
SPLP-C11-2-M

Tgt Ion: 91 Resp: 2409969

Ion Ratio Lower Upper

91 100

106 30.4 23.5 35.3



#68

m/p-Xylenes

Concen: 49.263 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085297.D

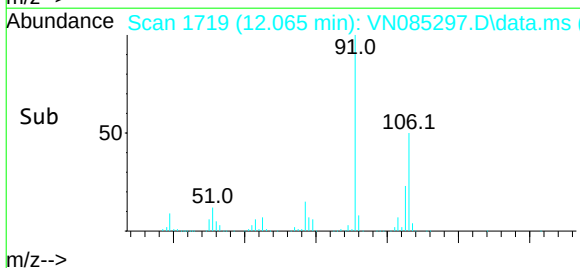
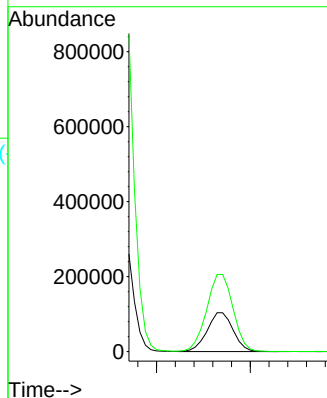
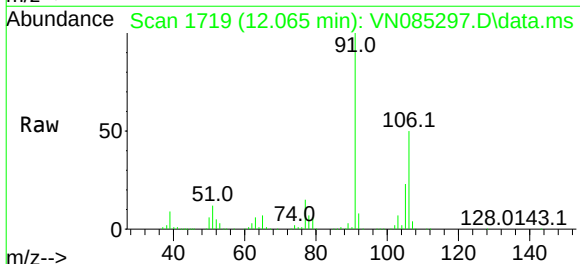
Acq: 23 Dec 2024 16:25

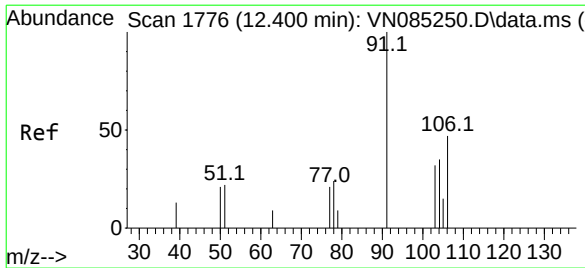
Tgt Ion: 106 Resp: 199599

Ion Ratio Lower Upper

106 100

91 201.9 168.3 252.5

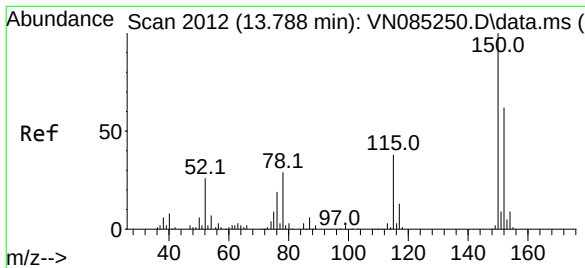
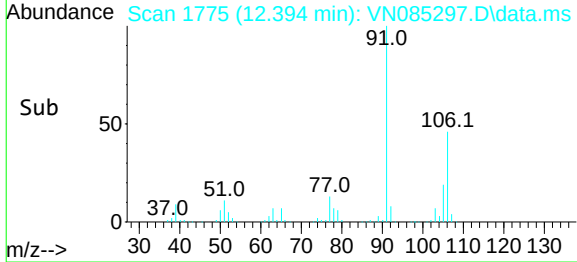
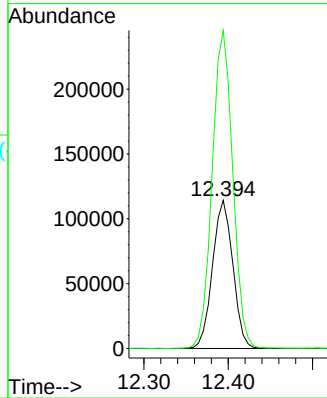
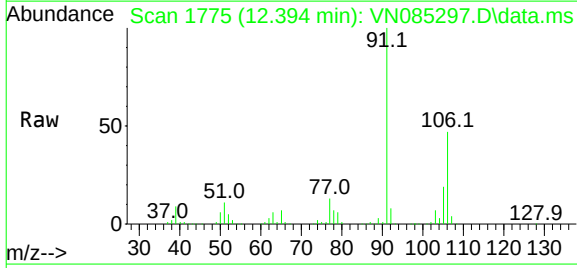




#69
o-Xylene
Concen: 50.277 ug/l
RT: 12.394 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

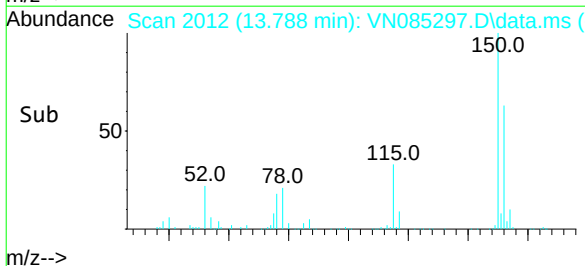
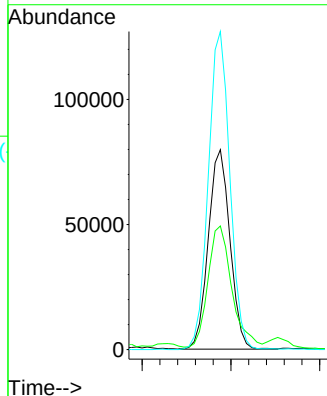
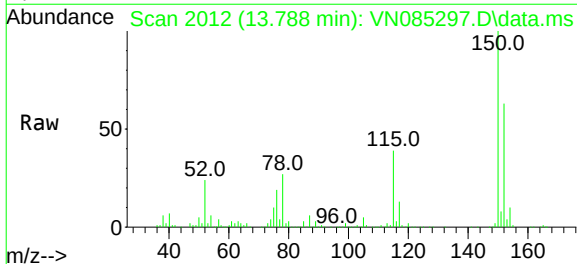
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-2-M

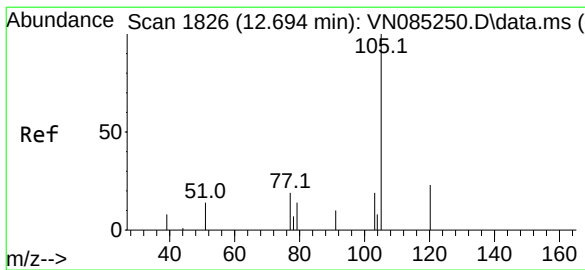
Tgt Ion:106 Resp: 191476
Ion Ratio Lower Upper
106 100
91 218.2 112.1 336.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

Tgt Ion:152 Resp: 135218
Ion Ratio Lower Upper
152 100
115 66.1 32.1 96.3
150 158.4 0.0 354.6





#73

Isopropylbenzene

Concen: 16.371 ug/l

RT: 12.688 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

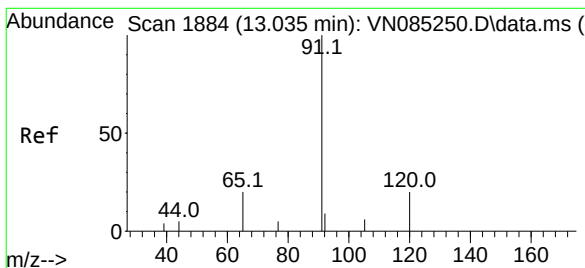
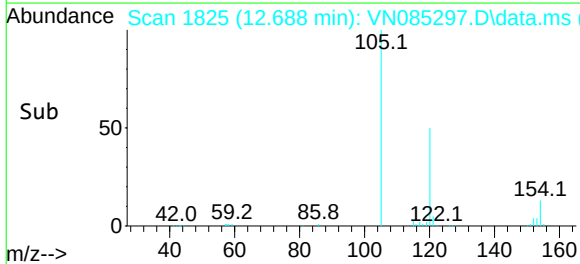
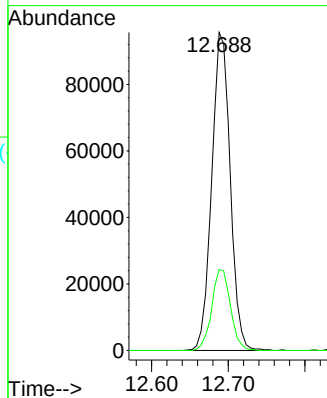
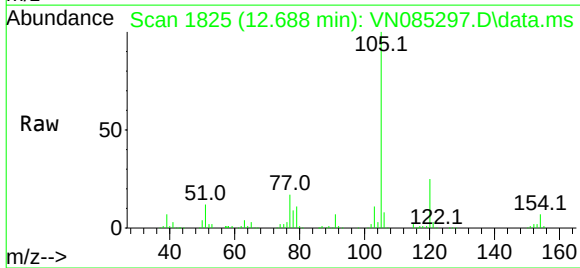
SPLP-C11-2-M

Tgt Ion:105 Resp: 159691

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#78

n-propylbenzene

Concen: 7.229 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN085297.D

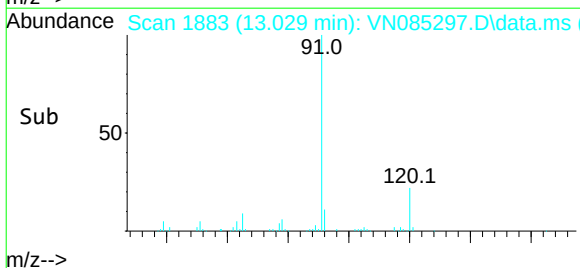
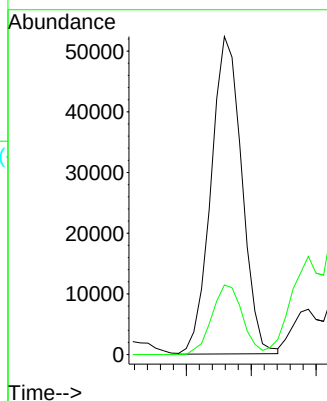
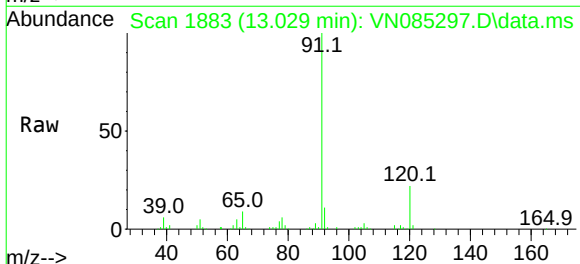
Acq: 23 Dec 2024 16:25

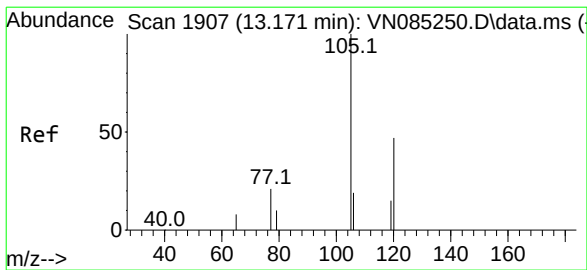
Tgt Ion: 91 Resp: 86477

Ion Ratio Lower Upper

91 100

120 21.8 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 14.065 ug/l

RT: 13.165 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085297.D

Acq: 23 Dec 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

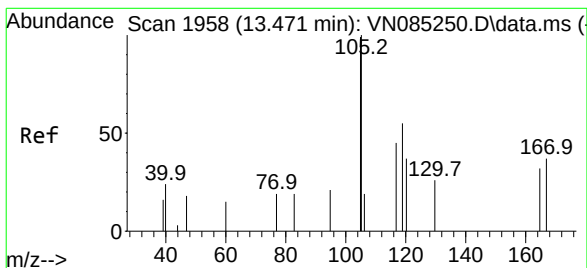
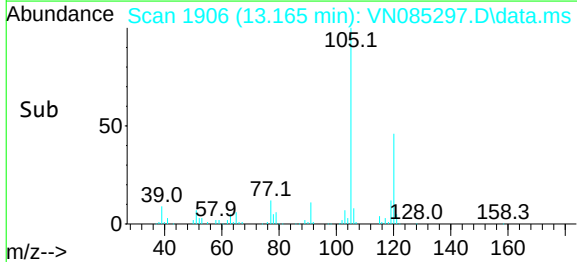
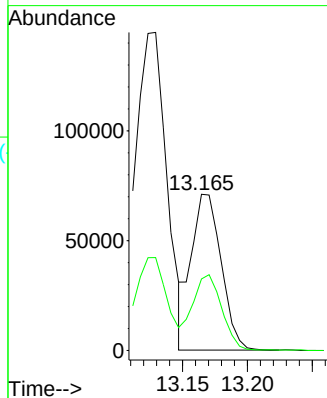
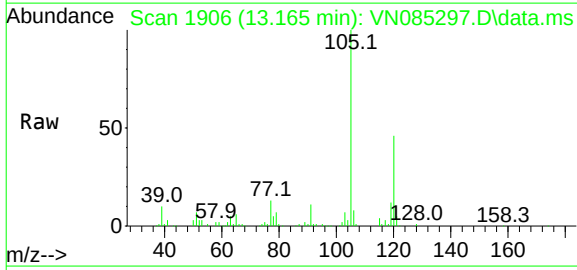
SPLP-C11-2-M

Tgt Ion:105 Resp: 114431

Ion Ratio Lower Upper

105 100

120 48.4 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 51.849 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085297.D

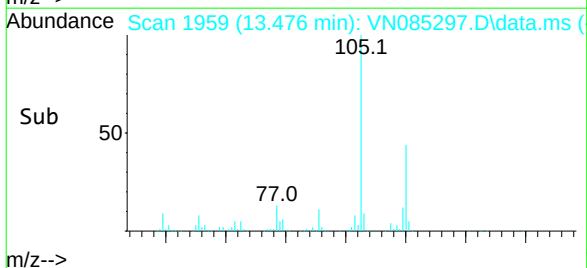
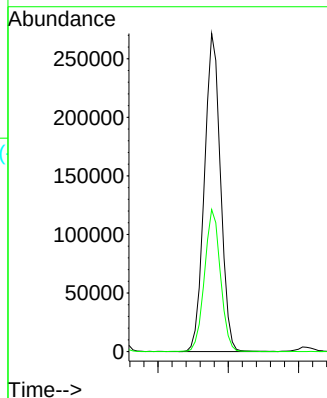
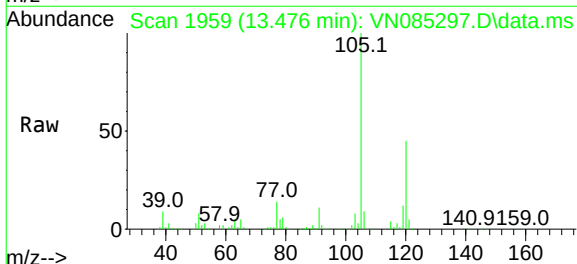
Acq: 23 Dec 2024 16:25

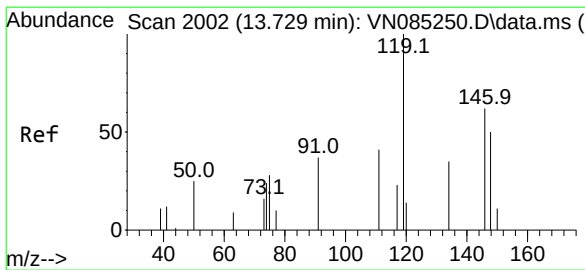
Tgt Ion:105 Resp: 431203

Ion Ratio Lower Upper

105 100

120 44.4 21.8 65.3

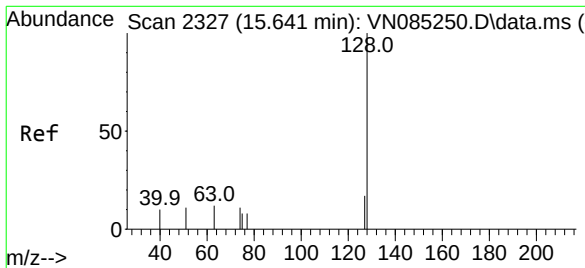
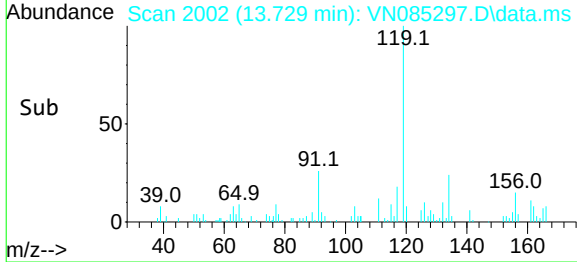
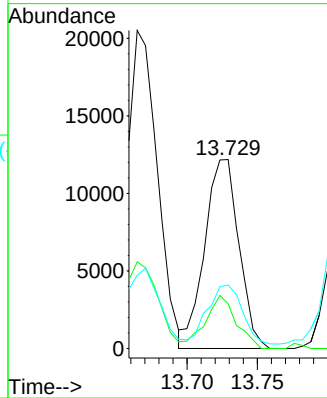
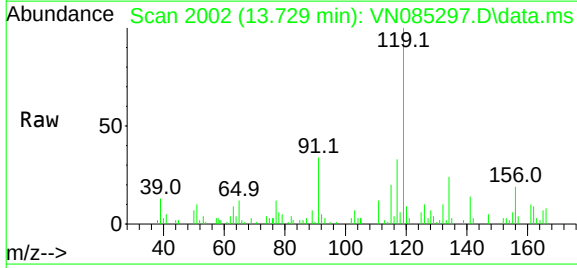




#86
p-Isopropyltoluene
Concen: 4.078 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

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

Tgt Ion:	119	Resp:	20643
Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.5	37.5
91	0.0	13.0	38.9#



#95
Naphthalene
Concen: 1751.200 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085297.D
Acq: 23 Dec 2024 16:25

Tgt Ion:	128	Resp:	13022370
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.3	8.6	13.0

