

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085298.D
 Acq On : 23 Dec 2024 16:49
 Operator : JC\MD
 Sample : P5371-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Dec 24 04:13:12 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)

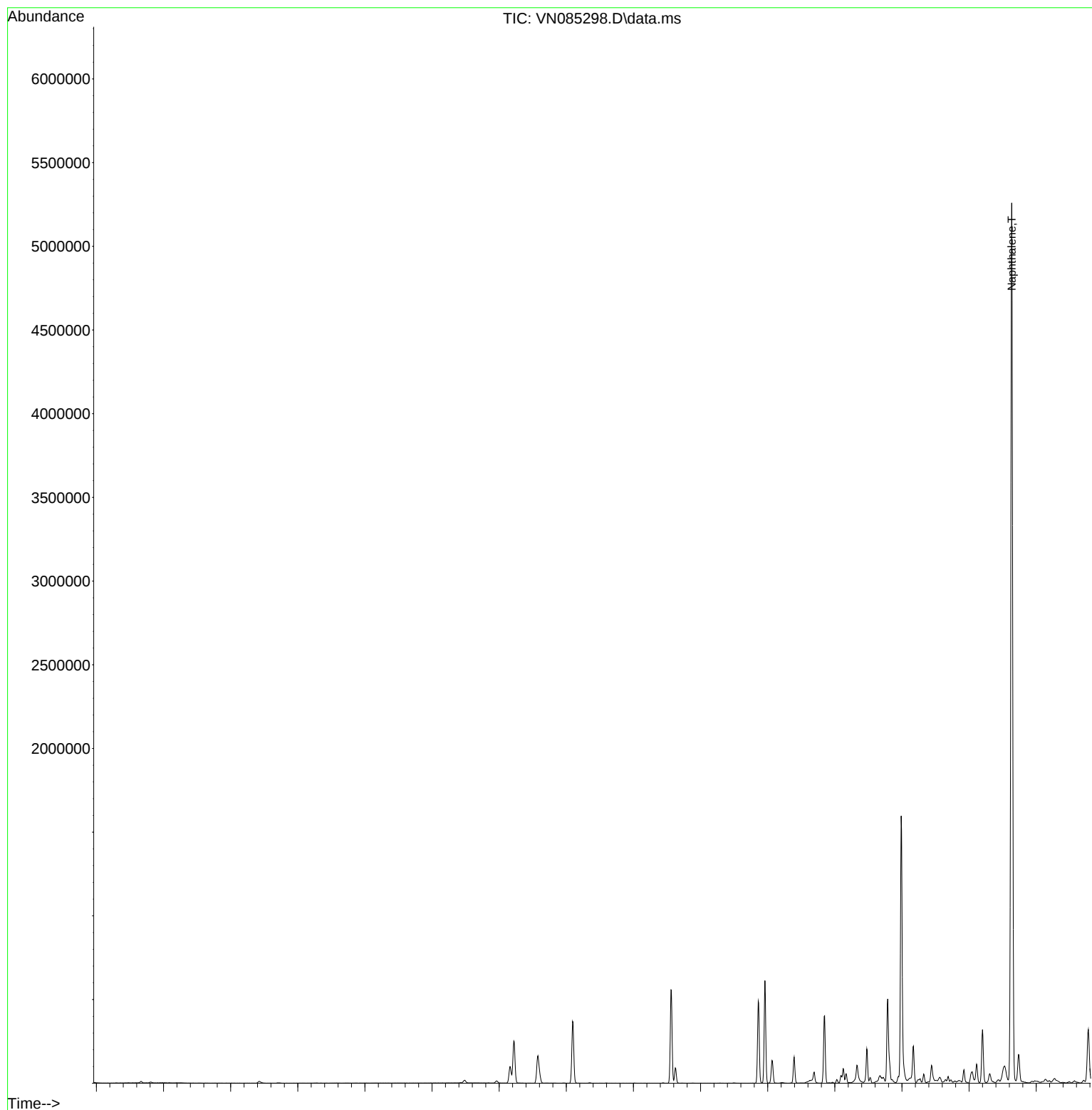
Internal Standards						
1) Pentafluorobenzene	8.224	168	177938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	274059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126918	40.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.620%		
35) Dibromofluoromethane	8.165	113	70599	32.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	64.000%#		
50) Toluene-d8	10.559	98	382189	47.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.800%		
62) 4-Bromofluorobenzene	12.847	95	138380	48.049	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.100%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	21597	20.118	ug/l #	87
27) cis-1,2-Dichloroethene	7.483	96	7827	3.002	ug/l	82
30) Chloroform	7.965	83	12354	2.662	ug/l	92
40) Benzene	8.606	78	42987	4.498	ug/l	98
52) Toluene	10.624	92	39133	6.810	ug/l	99
67) Ethyl Benzene	11.959	91	434011	41.103	ug/l	97
68) m/p-Xylenes	12.071	106	43312	10.967	ug/l	99
69) o-Xylene	12.394	106	42229	11.376	ug/l	94
73) Isopropylbenzene	12.694	105	36935	4.059	ug/l	99
78) n-propylbenzene	13.029	91	17018	1.525	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	29641	3.905	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	111276	14.341	ug/l	96
86) p-Isopropyltoluene	13.723	119	6509	2.667	ug/l #	72
95) Naphthalene	15.635	128	4766579	687.030	ug/l	99

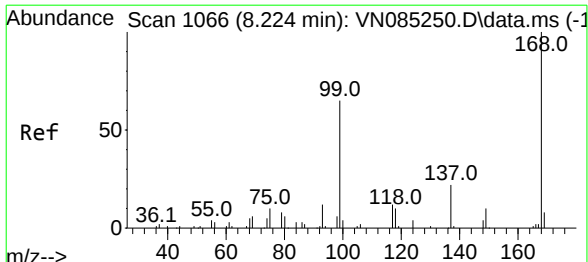
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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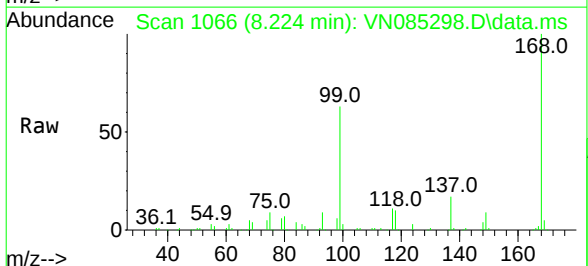
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
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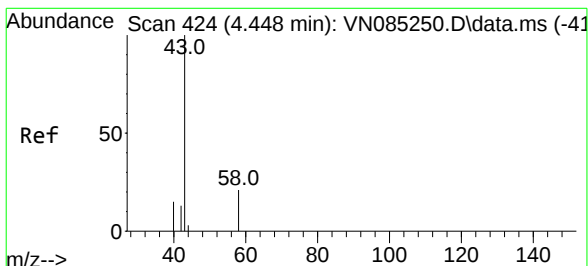
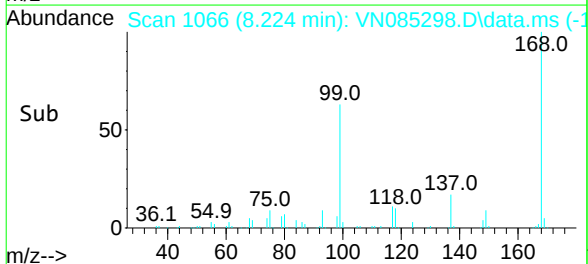
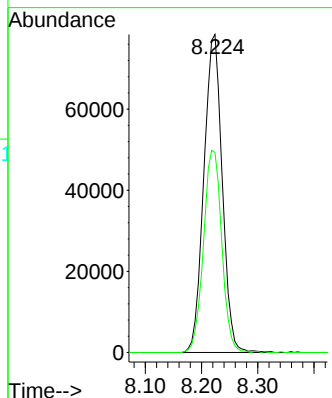


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

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

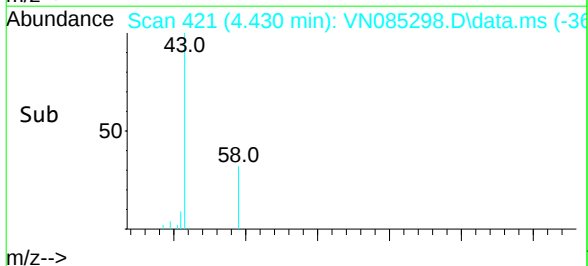
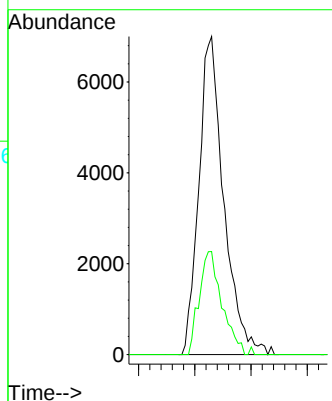
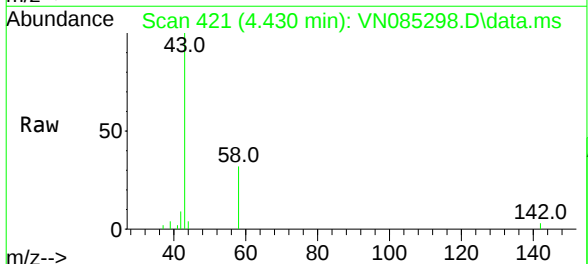


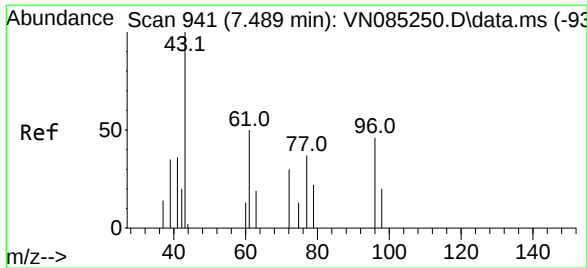
Tgt Ion:168 Resp: 177938
Ion Ratio Lower Upper
168 100
99 62.9 50.7 76.1



#16
Acetone
Concen: 20.118 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

Tgt Ion: 43 Resp: 21597
Ion Ratio Lower Upper
43 100
58 32.4 20.8 31.2#

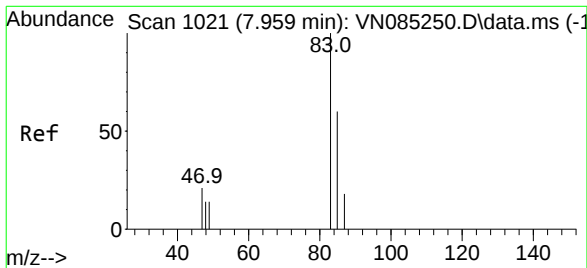
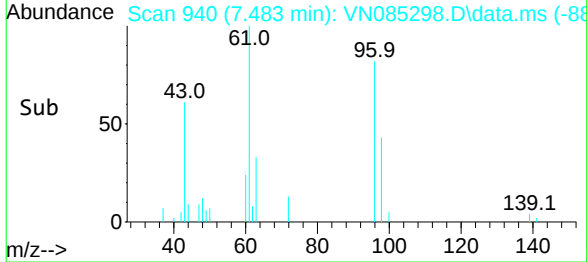
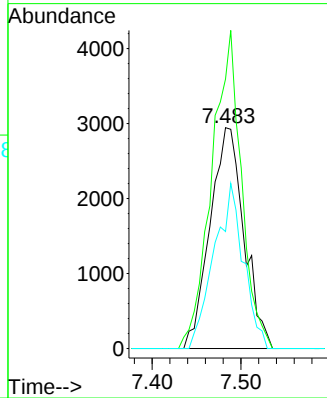
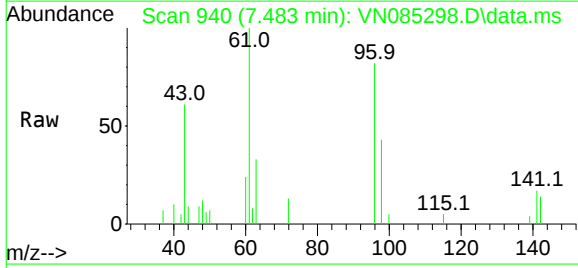




#27
cis-1,2-Dichloroethene
Concen: 3.002 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

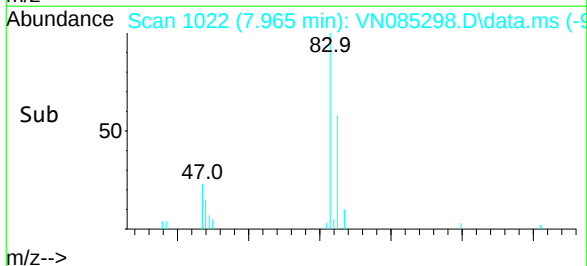
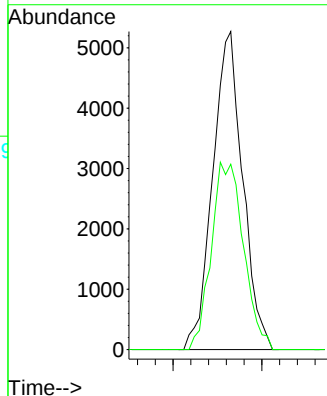
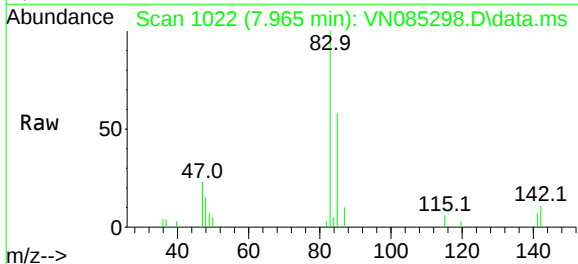
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-M

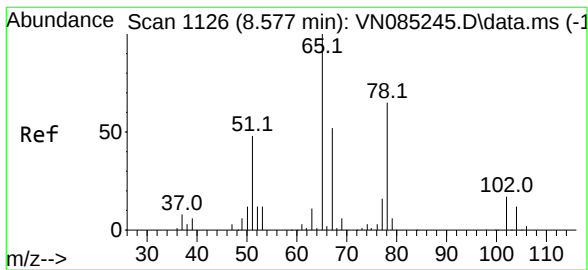
Tgt Ion: 96	Resp: 7827
Ion Ratio	Lower Upper
96 100	
61 126.0	0.0 316.4
98 64.7	0.0 125.4



#30
Chloroform
Concen: 2.662 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

Tgt	Ion: 83	Resp:	12354
Ion	Ratio	Lower	Upper
83	100		
85	58.3	51.4	77.0

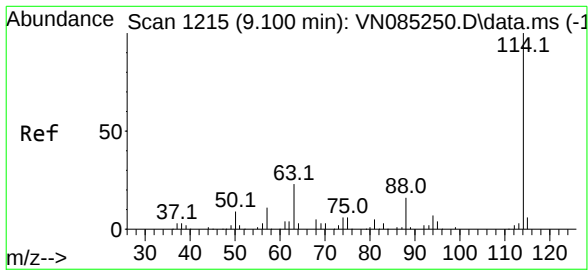
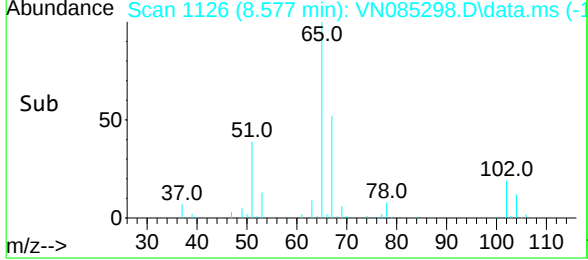
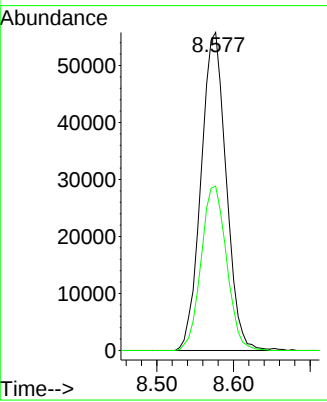
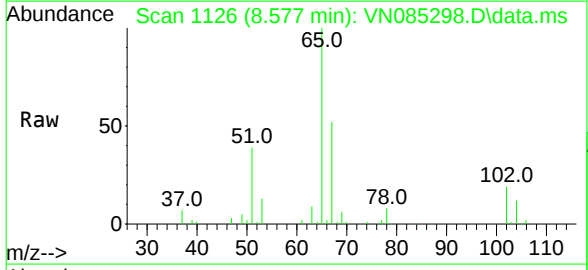




#33
1,2-Dichloroethane-d4
Concen: 40.809 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

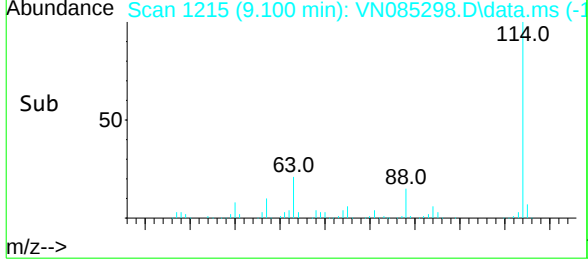
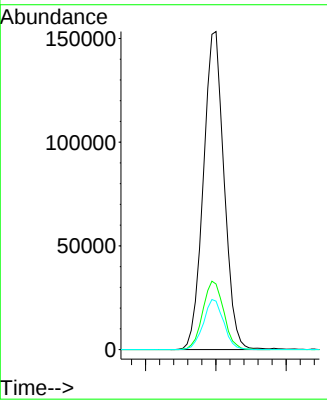
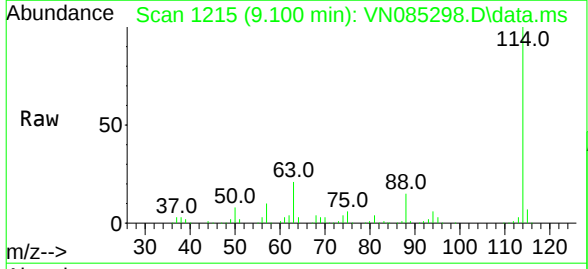
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-M

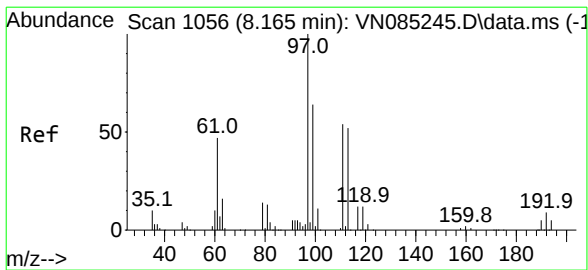
Tgt Ion: 65 Resp: 126918
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

Tgt Ion: 114 Resp: 313792
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.2
88 15.2 0.0 32.6

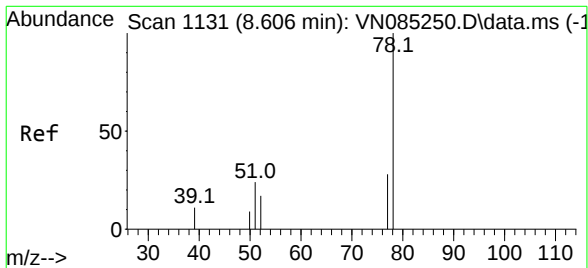
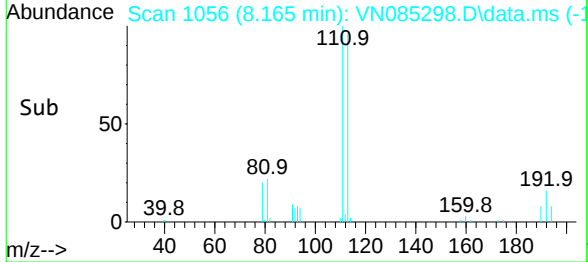
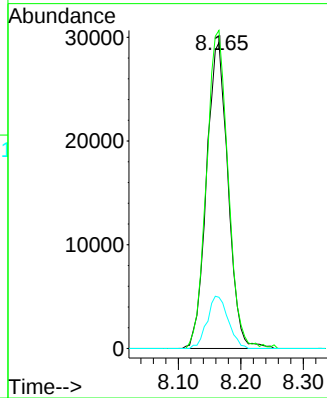
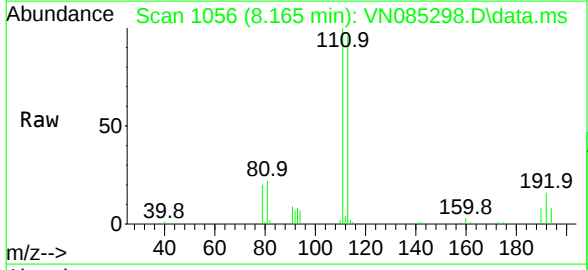




#35
Dibromofluoromethane
Concen: 32.001 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

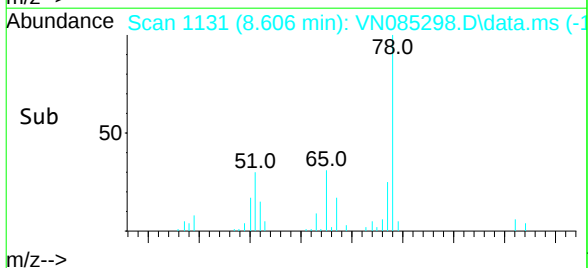
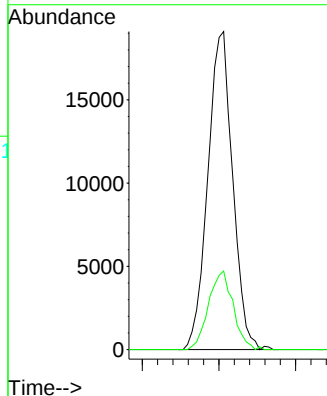
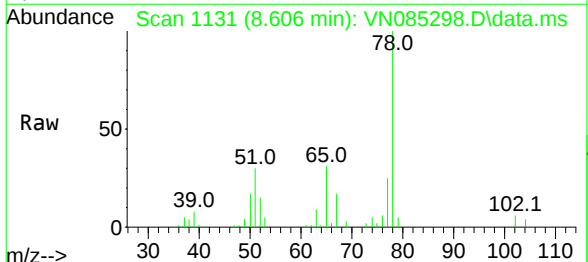
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-3-M

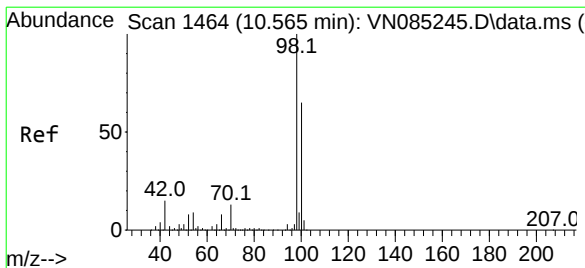
Tgt Ion:113 Resp: 70599
Ion Ratio Lower Upper
113 100
111 104.8 82.1 123.1
192 16.7 13.4 20.0



#40
Benzene
Concen: 4.498 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

Tgt Ion: 78 Resp: 42987
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3





#50

Toluene-d8

Concen: 47.399 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

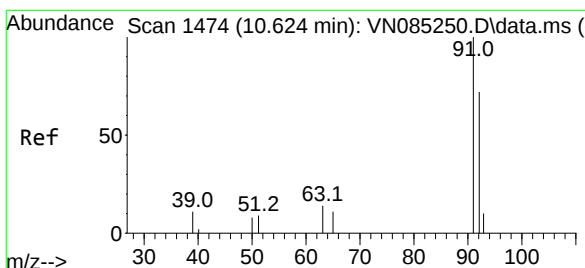
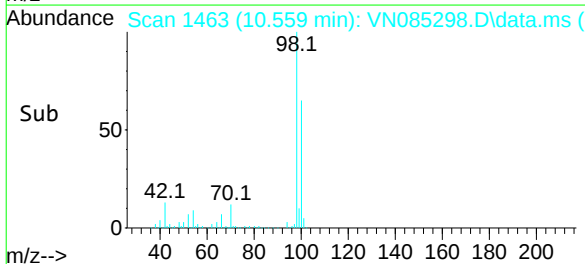
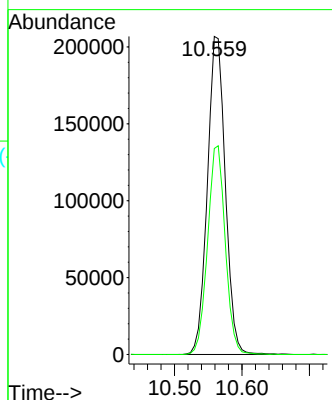
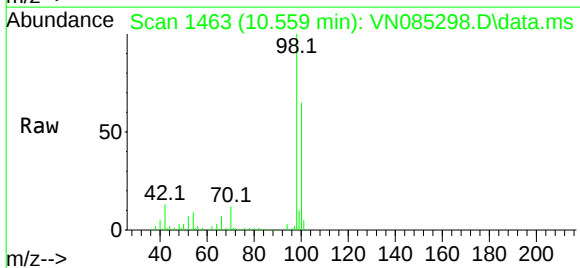
SPLP-C11-3-M

Tgt Ion: 98 Resp: 382189

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#52

Toluene

Concen: 6.810 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085298.D

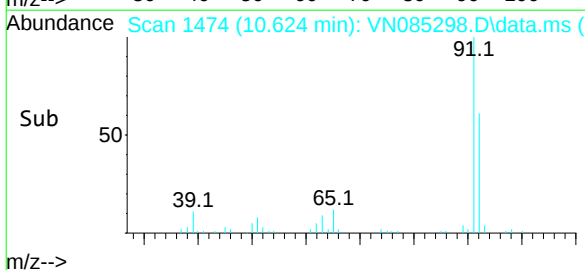
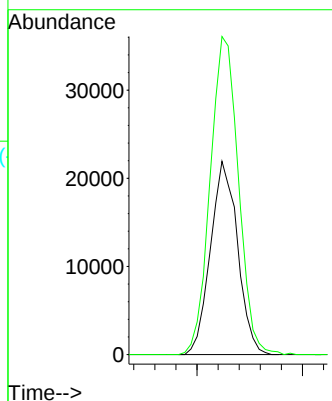
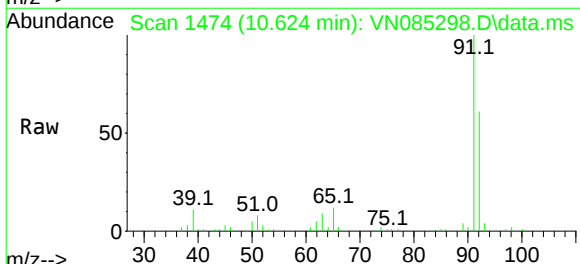
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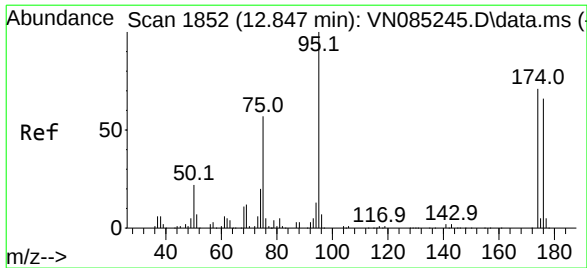
Tgt Ion: 92 Resp: 39133

Ion Ratio Lower Upper

92 100

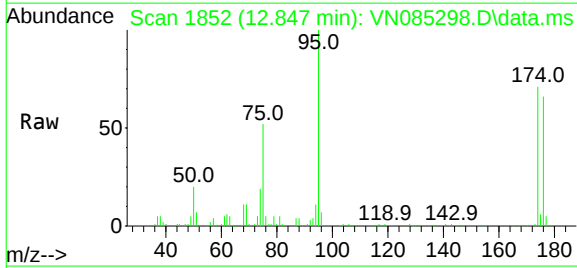
91 171.7 138.9 208.3



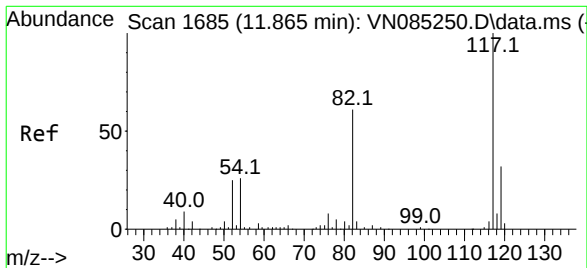
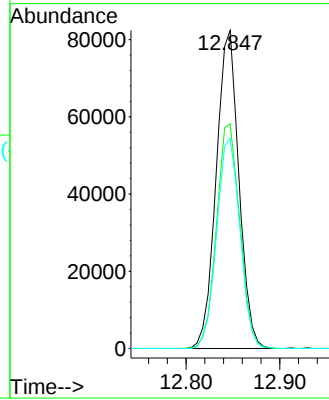
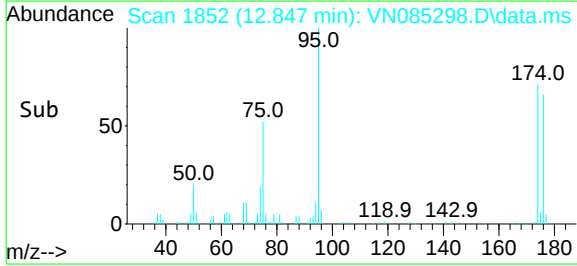


#62
4-Bromofluorobenzene
Concen: 48.049 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49

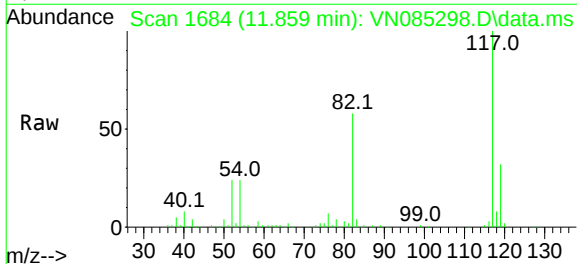
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SPLP-C11-3-M



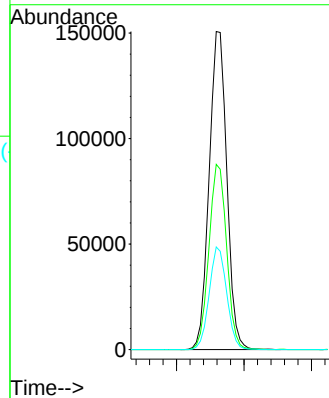
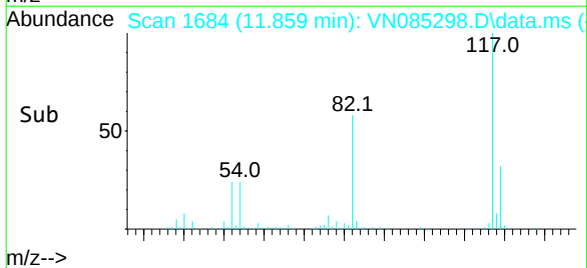
Tgt Ion: 95 Resp: 138380
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.4
176 68.3 0.0 136.6

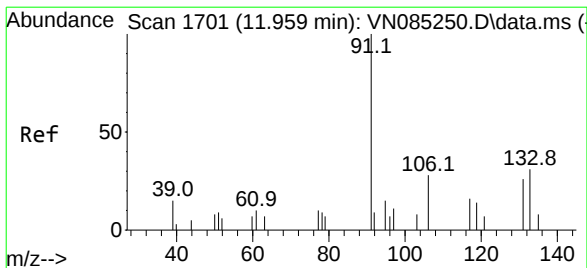


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085298.D
Acq: 23 Dec 2024 16:49



Tgt Ion: 117 Resp: 274059
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.3 25.6 38.4





#67

Ethyl Benzene

Concen: 41.103 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

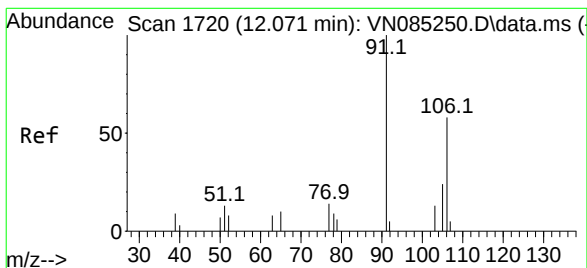
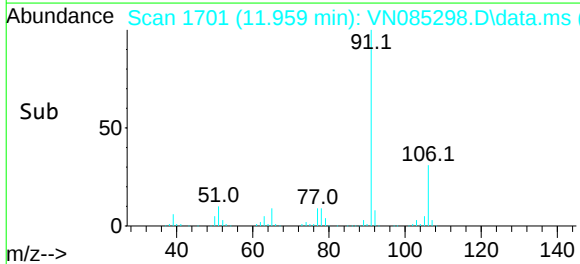
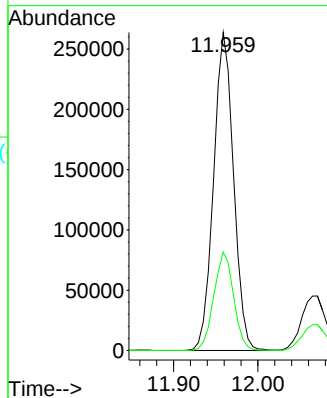
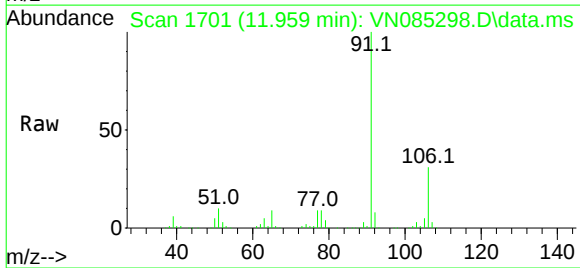
SPLP-C11-3-M

Tgt Ion: 91 Resp: 434011

Ion Ratio Lower Upper

91 100

106 31.0 23.5 35.3



#68

m/p-Xylenes

Concen: 10.967 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN085298.D

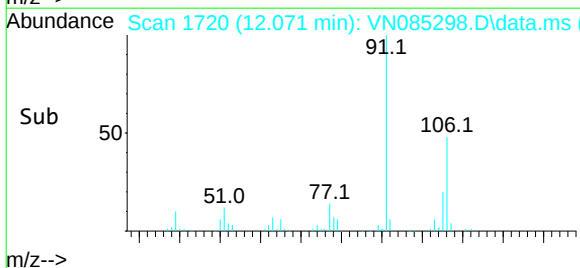
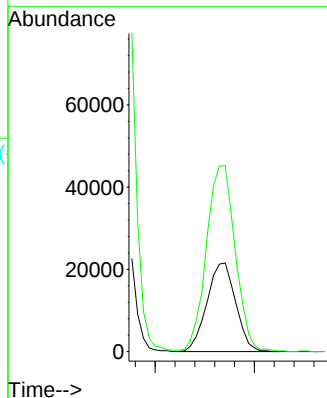
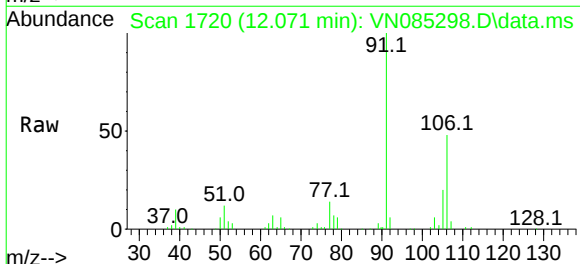
Acq: 23 Dec 2024 16:49

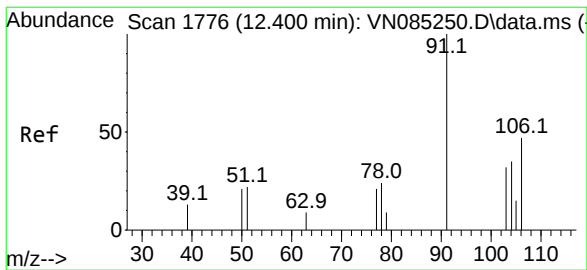
Tgt Ion:106 Resp: 43312

Ion Ratio Lower Upper

106 100

91 211.2 168.3 252.5





#69

o-Xylene

Concen: 11.376 ug/l

RT: 12.394 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

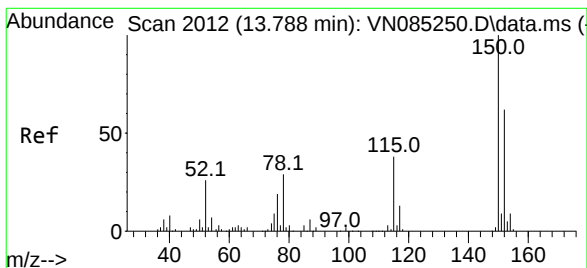
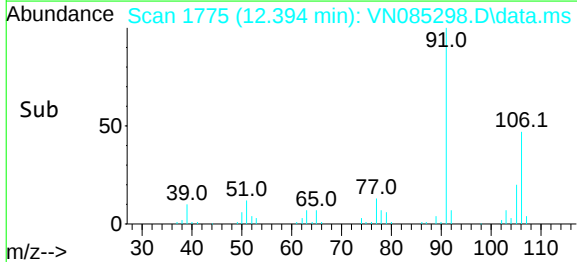
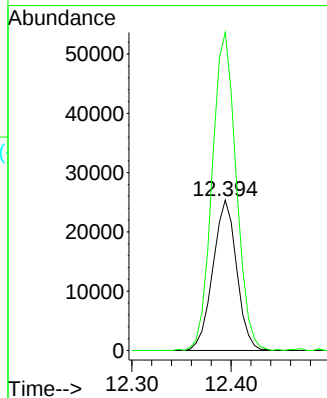
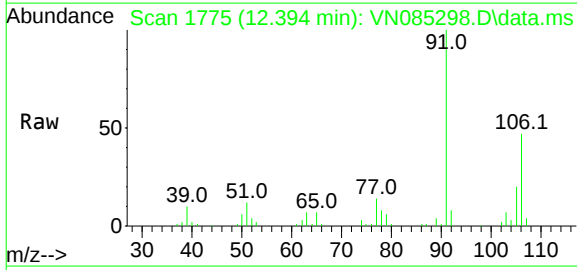
SPLP-C11-3-M

Tgt Ion:106 Resp: 42229

Ion Ratio Lower Upper

106 100

91 214.2 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

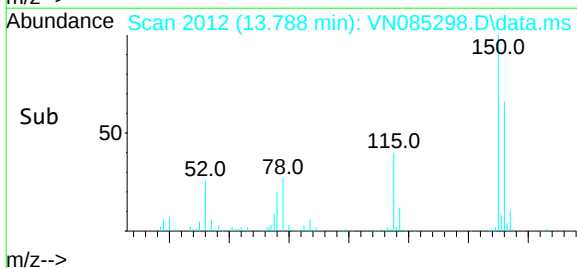
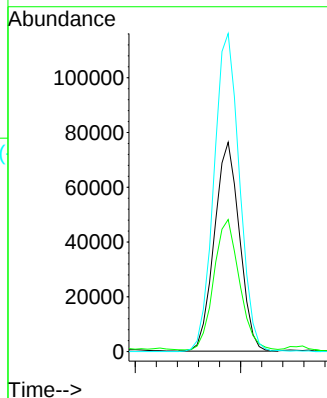
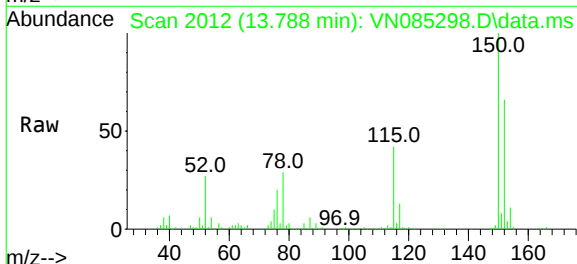
Tgt Ion:152 Resp: 126157

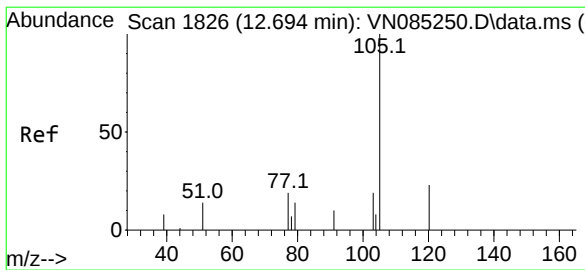
Ion Ratio Lower Upper

152 100

115 63.4 32.1 96.3

150 155.0 0.0 354.6





#73

Isopropylbenzene

Concen: 4.059 ug/l

RT: 12.694 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

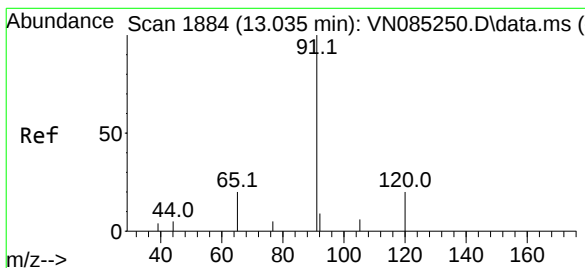
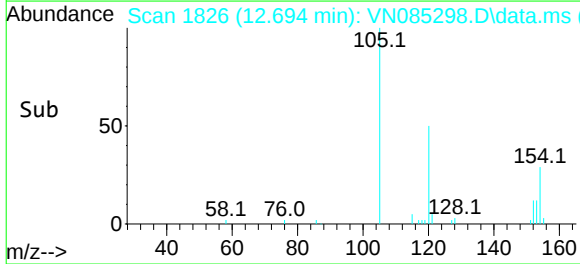
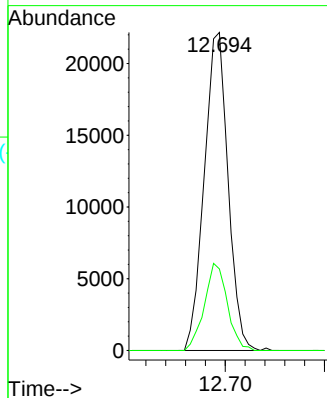
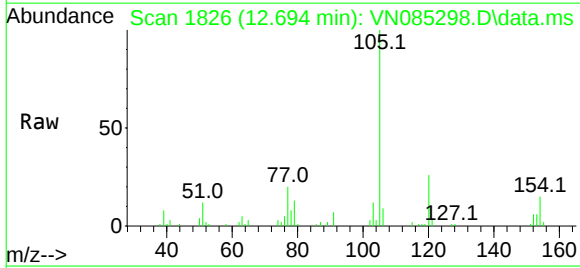
SPLP-C11-3-M

Tgt Ion:105 Resp: 36935

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#78

n-propylbenzene

Concen: 1.525 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN085298.D

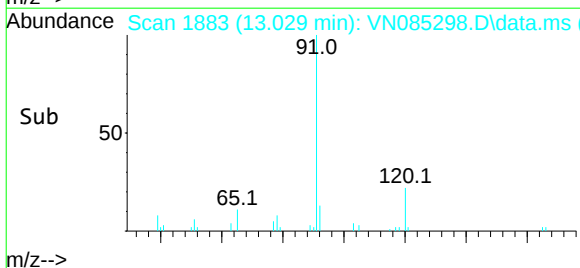
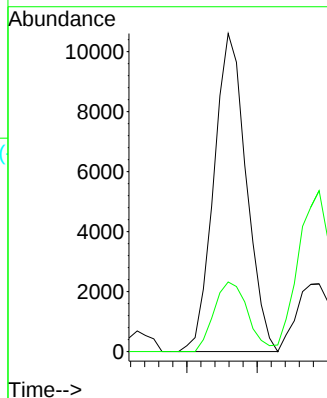
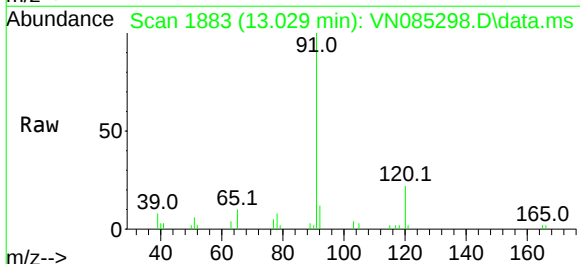
Acq: 23 Dec 2024 16:49

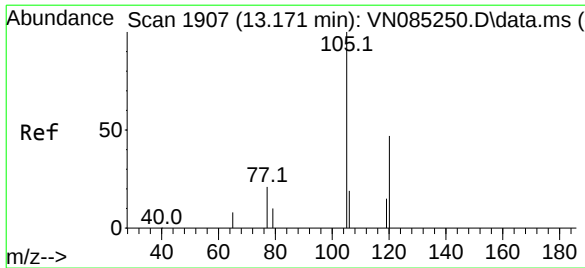
Tgt Ion: 91 Resp: 17018

Ion Ratio Lower Upper

91 100

120 22.7 10.8 32.3





#80

1,3,5-Trimethylbenzene

Concen: 3.905 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

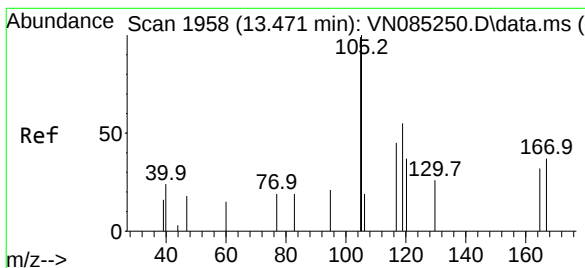
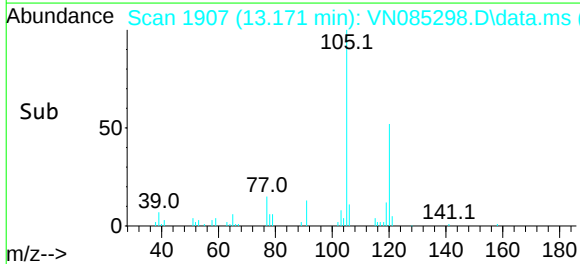
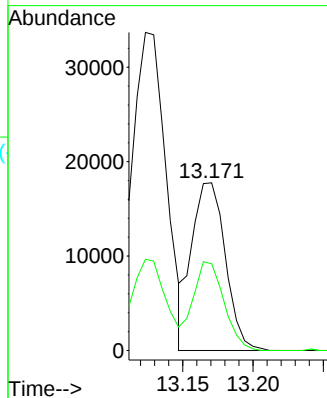
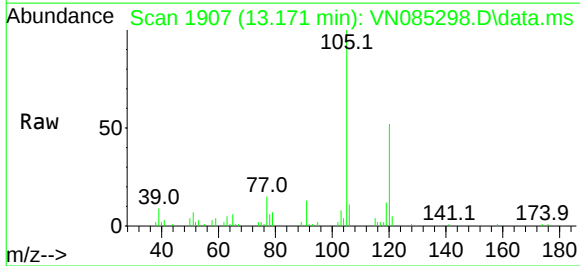
SPLP-C11-3-M

Tgt Ion:105 Resp: 29641

Ion Ratio Lower Upper

105 100

120 48.8 23.4 70.2



#84

1,2,4-Trimethylbenzene

Concen: 14.341 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085298.D

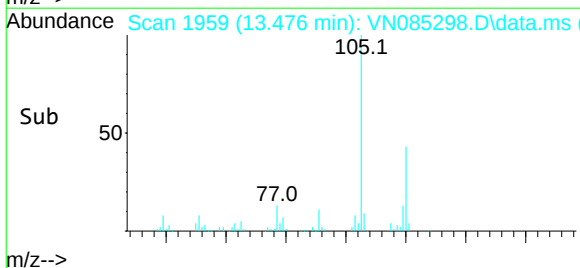
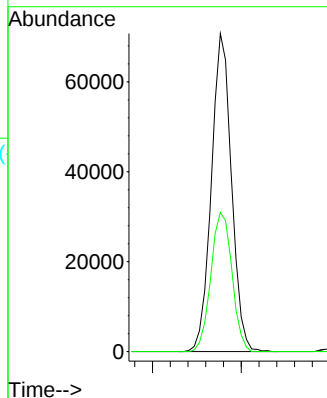
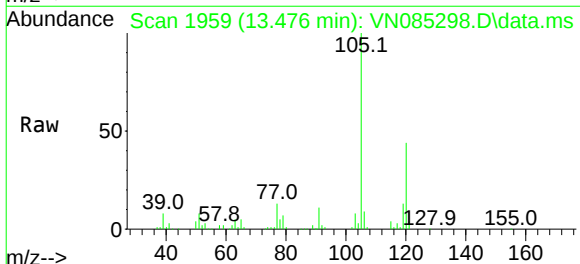
Acq: 23 Dec 2024 16:49

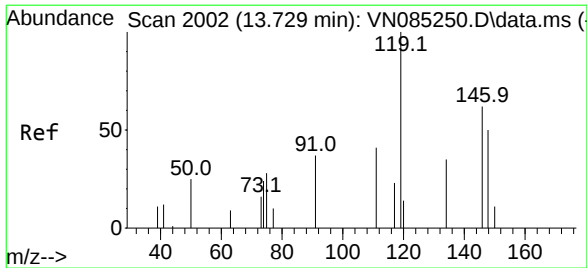
Tgt Ion:105 Resp: 111276

Ion Ratio Lower Upper

105 100

120 45.8 21.8 65.3





#86

p-Isopropyltoluene

Concen: 2.667 ug/l

RT: 13.723 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

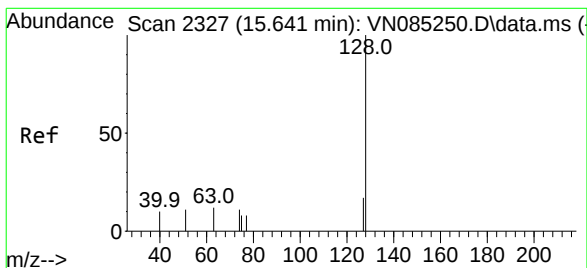
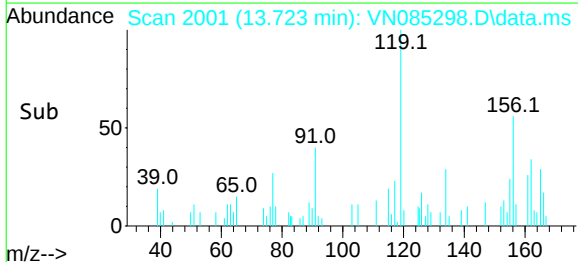
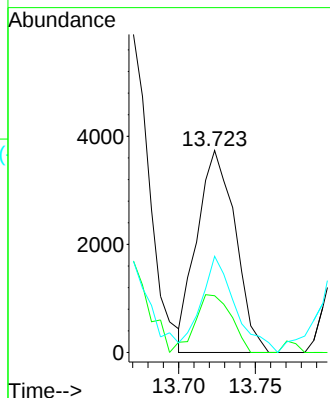
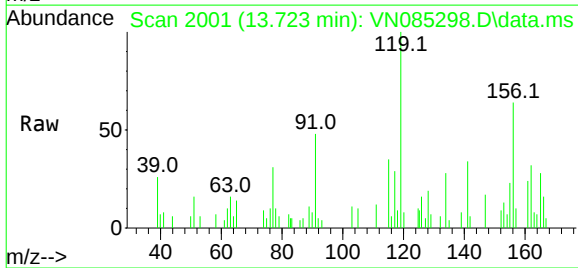
Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-3-M

Tgt Ion:	119	Resp:	6509
Ion	Ratio	Lower	Upper
119	100		
134	26.8	12.5	37.5
91	0.0	13.0	38.9#



#95

Naphthalene

Concen: 687.030 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085298.D

Acq: 23 Dec 2024 16:49

Tgt Ion:	128	Resp:	4766579
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.6	13.0

