

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085303.D
 Acq On : 23 Dec 2024 18:47
 Operator : JC\MD
 Sample : P5371-01DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-1-MDL

Quant Time: Dec 24 04:16:17 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)

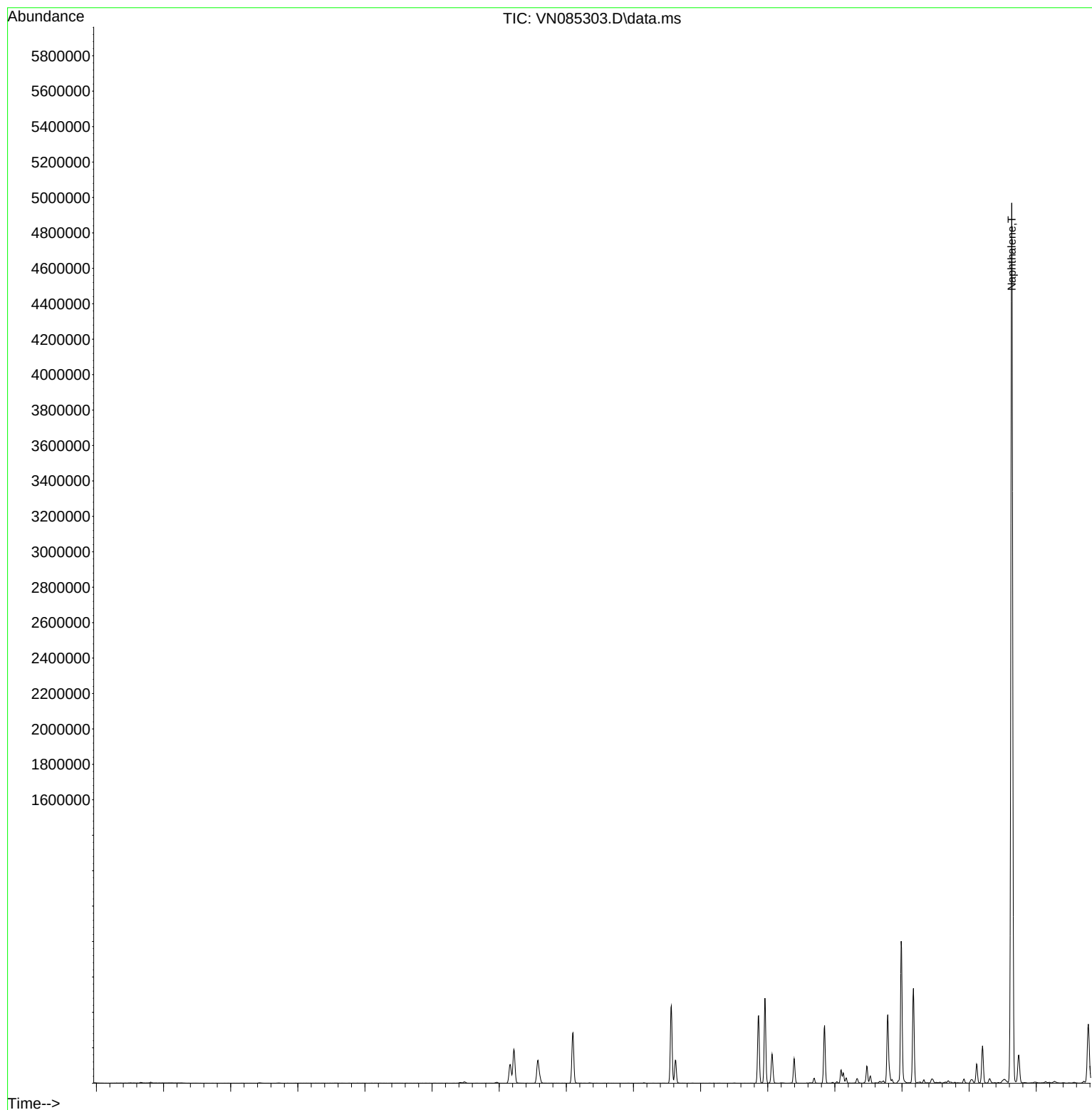
Internal Standards						
1) Pentafluorobenzene	8.224	168	129978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	99852	43.953	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.900%		
35) Dibromofluoromethane	8.165	113	76848	45.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.300%		
50) Toluene-d8	10.565	98	301887	48.529	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.060%		
62) 4-Bromofluorobenzene	12.847	95	110184	49.590	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.180%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	4406	5.619	ug/l	93
27) cis-1,2-Dichloroethene	7.483	96	4216	2.214	ug/l	85
30) Chloroform	7.965	83	5016	1.479	ug/l	96
40) Benzene	8.600	78	32609	4.423	ug/l	99
52) Toluene	10.624	92	56259	12.690	ug/l	99
67) Ethyl Benzene	11.959	91	345174	41.843	ug/l	97
68) m/p-Xylenes	12.065	106	51205	16.597	ug/l	98
69) o-Xylene	12.394	106	37622	12.973	ug/l	95
73) Isopropylbenzene	12.694	105	17631	2.507	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	14006	2.388	ug/l	86
84) 1,2,4-Trimethylbenzene	13.476	105	52938	8.830	ug/l	99
86) p-Isopropyltoluene	13.723	119	3917	2.508	ug/l #	71
95) Naphthalene	15.635	128	4435118	827.339	ug/l	99

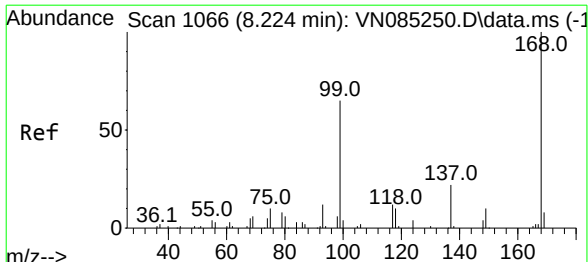
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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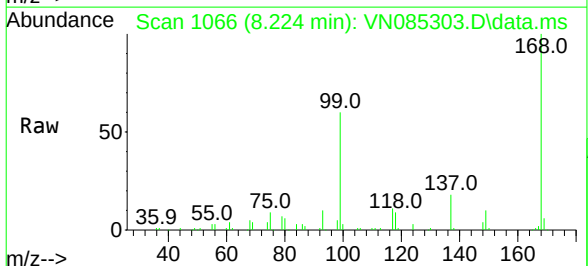
Quant Time: Dec 24 04:16:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



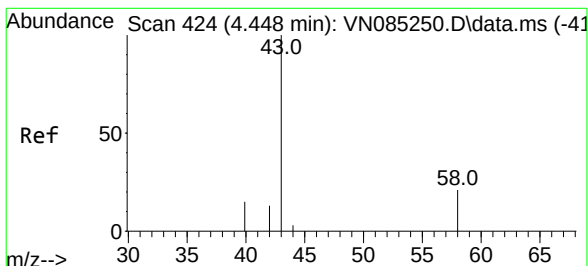
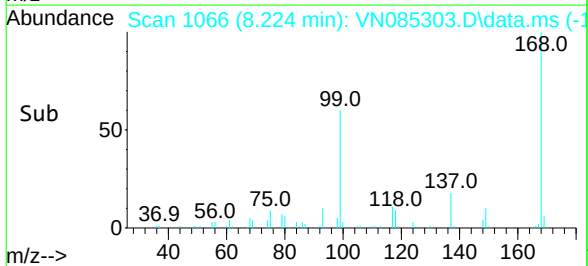
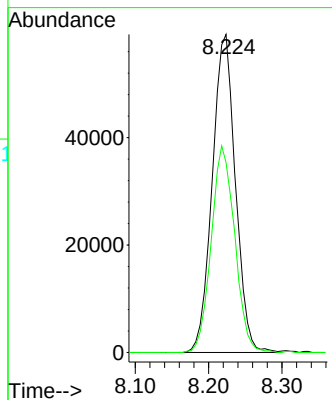


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085303.D
Acq: 23 Dec 2024 18:47

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-MDL

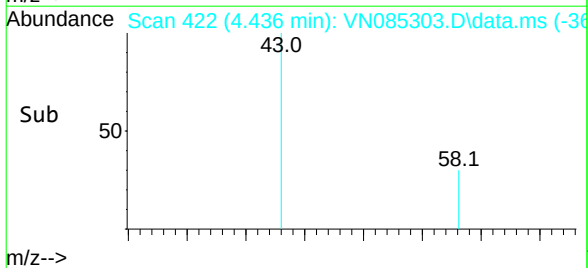
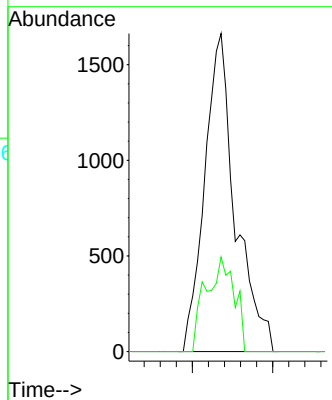
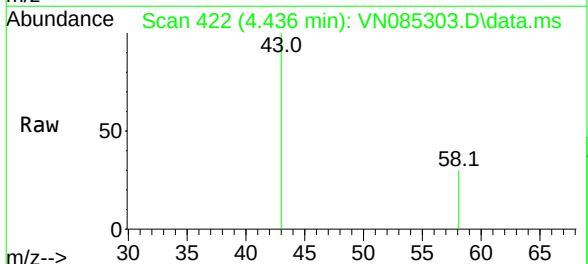


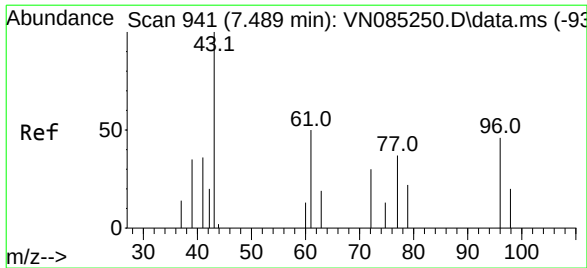
Tgt Ion:168 Resp: 129978
Ion Ratio Lower Upper
168 100
99 59.8 50.7 76.1



#16
Acetone
Concen: 5.619 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085303.D
Acq: 23 Dec 2024 18:47

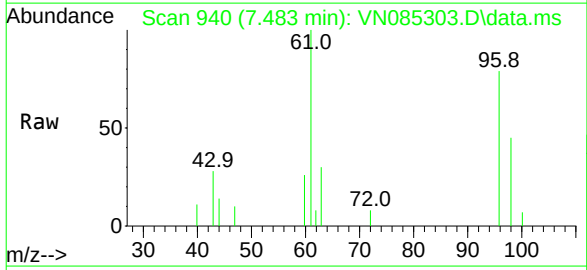
Tgt Ion: 43 Resp: 4406
Ion Ratio Lower Upper
43 100
58 29.8 20.8 31.2



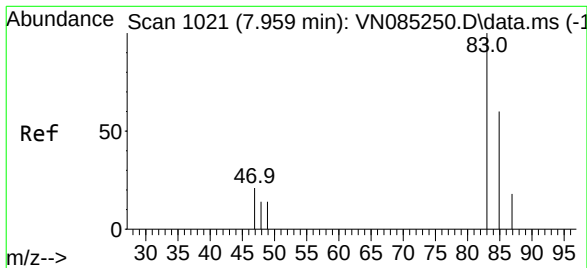
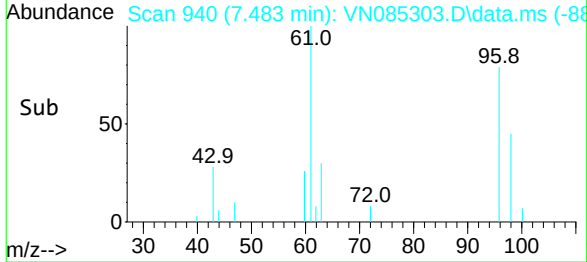
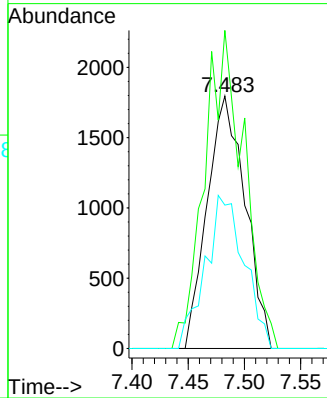


#27
 cis-1,2-Dichloroethene
 Concen: 2.214 ug/l
 RT: 7.483 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN085303.D
 Acq: 23 Dec 2024 18:47

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-1-MDL

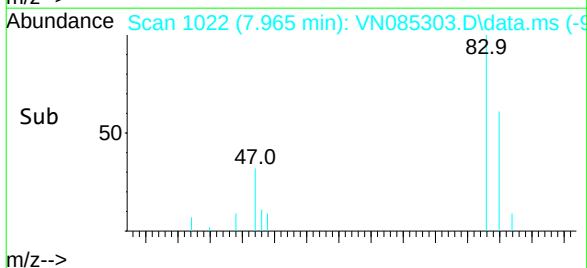
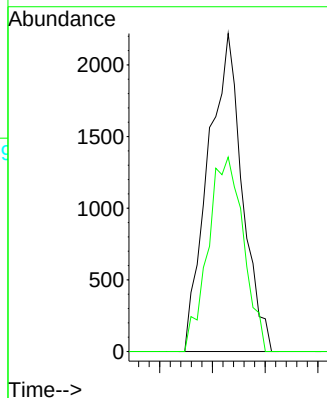
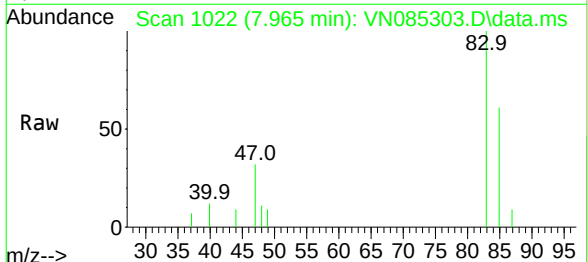


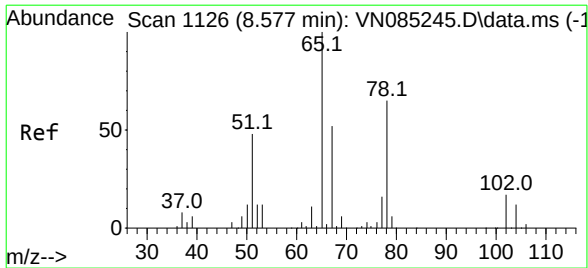
Tgt Ion: 96 Resp: 4216
 Ion Ratio Lower Upper
 96 100
 61 130.6 0.0 316.4
 98 62.0 0.0 125.4



#30
 Chloroform
 Concen: 1.479 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN085303.D
 Acq: 23 Dec 2024 18:47

Tgt Ion: 83 Resp: 5016
 Ion Ratio Lower Upper
 83 100
 85 61.2 51.4 77.0

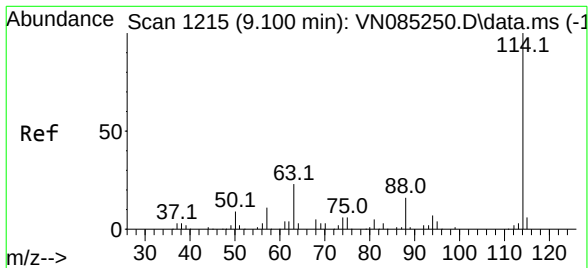
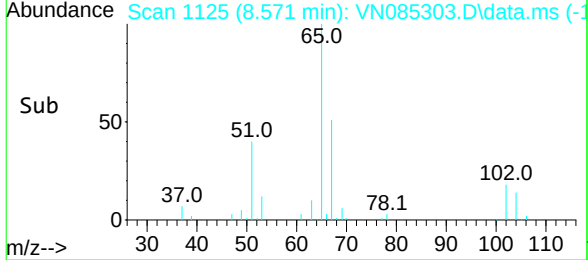
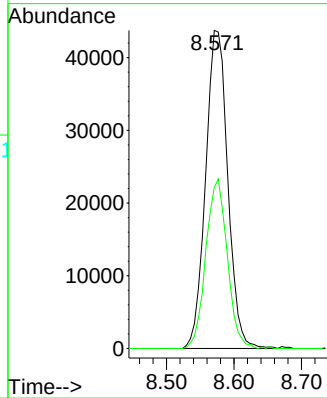
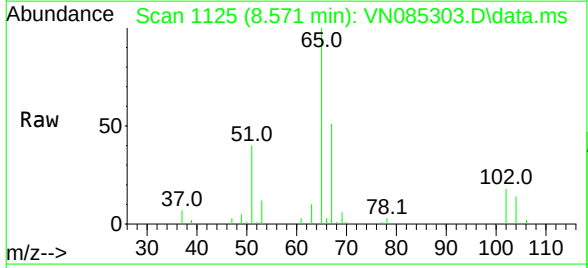




#33
1,2-Dichloroethane-d4
Concen: 43.953 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085303.D
Acq: 23 Dec 2024 18:47

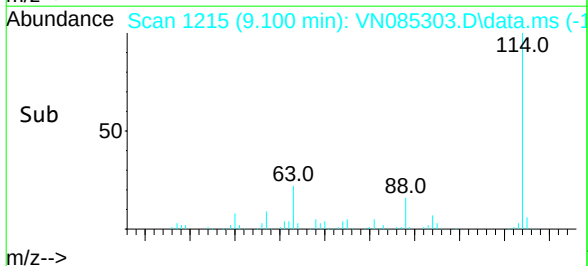
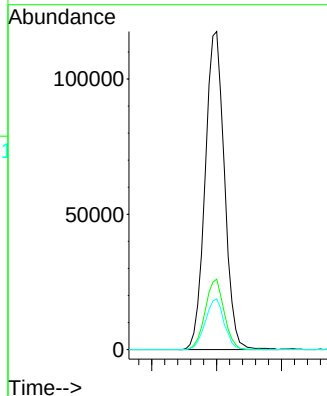
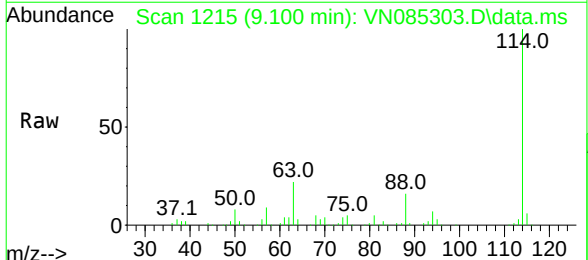
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-MDL

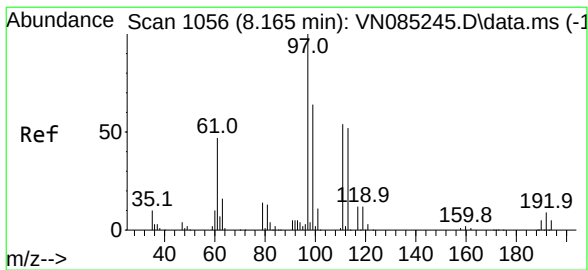
Tgt Ion: 65 Resp: 99852
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085303.D
Acq: 23 Dec 2024 18:47

Tgt Ion: 114 Resp: 242088
Ion Ratio Lower Upper
114 100
63 22.2 0.0 46.2
88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.152 ug/l

RT: 8.165 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-MDL

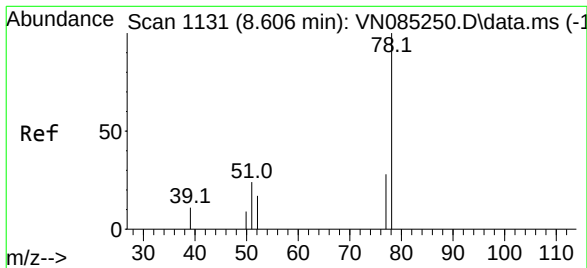
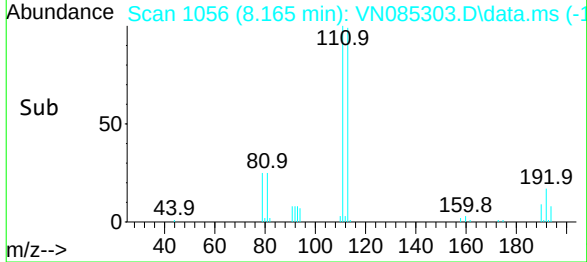
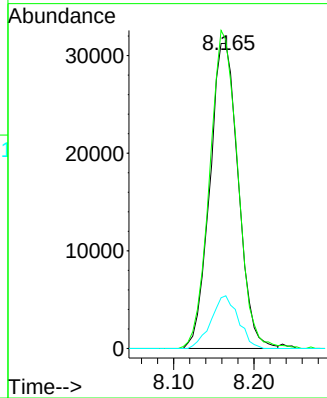
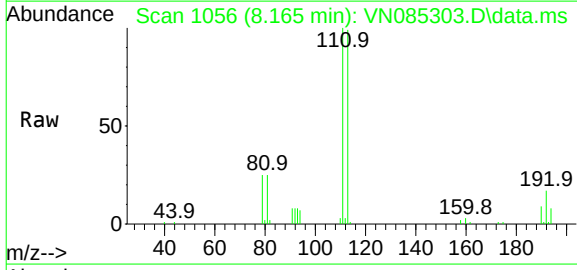
Tgt Ion:113 Resp: 76848

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

192 16.6 13.4 20.0



#40

Benzene

Concen: 4.423 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085303.D

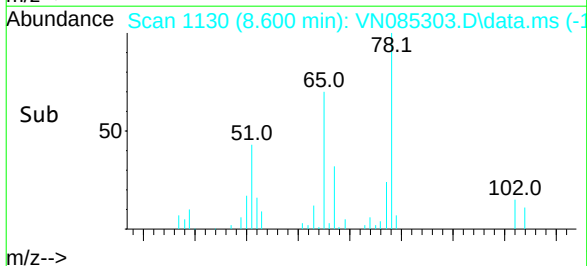
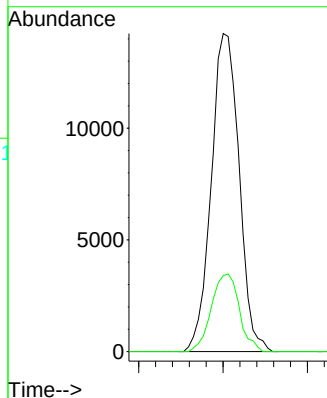
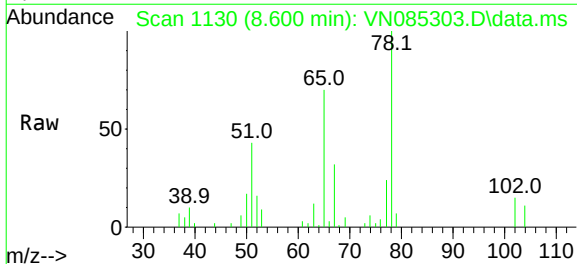
Acq: 23 Dec 2024 18:47

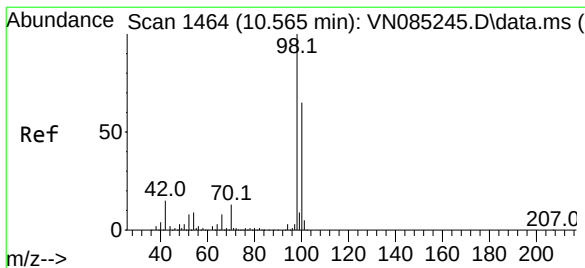
Tgt Ion: 78 Resp: 32609

Ion Ratio Lower Upper

78 100

77 23.9 18.9 28.3





#50

Toluene-d8

Concen: 48.529 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

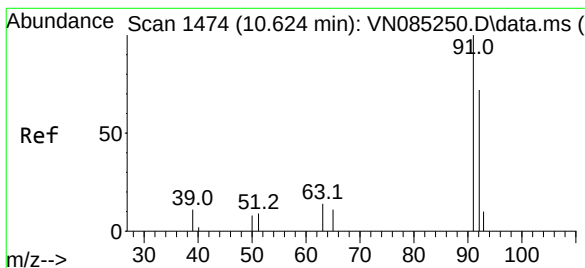
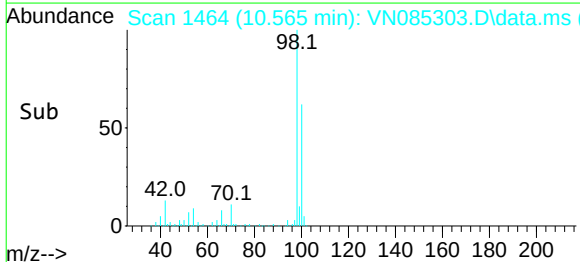
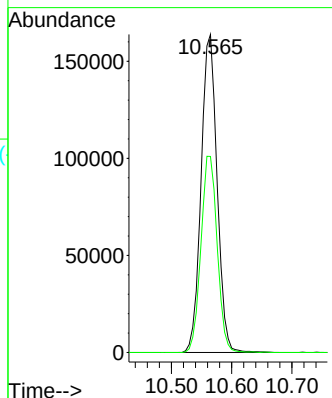
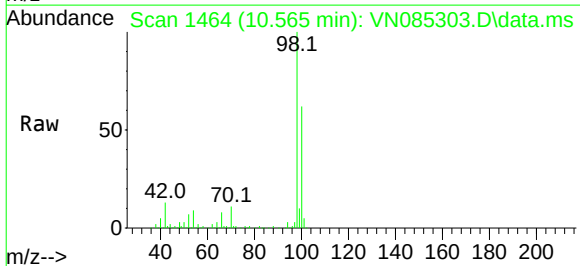
SPLP-C10-1-MDL

Tgt Ion: 98 Resp: 301887

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4



#52

Toluene

Concen: 12.690 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085303.D

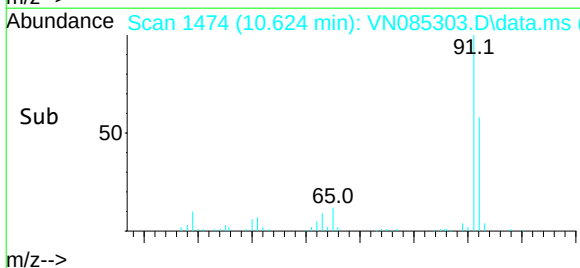
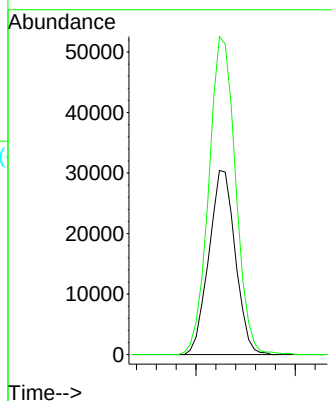
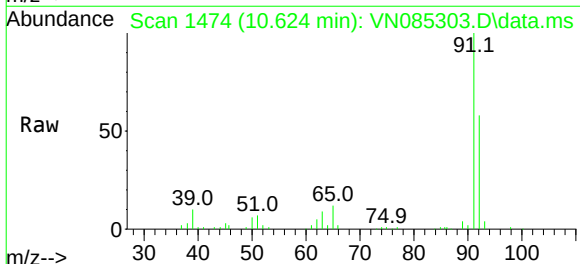
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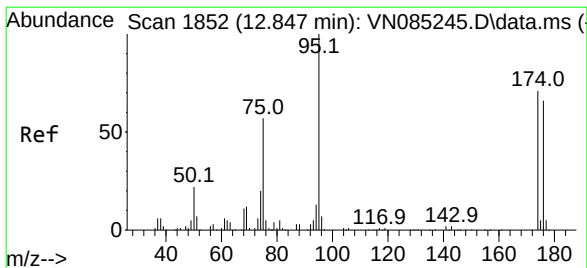
Tgt Ion: 92 Resp: 56259

Ion Ratio Lower Upper

92 100

91 175.5 138.9 208.3





#62

4-Bromofluorobenzene

Concen: 49.590 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085303.D

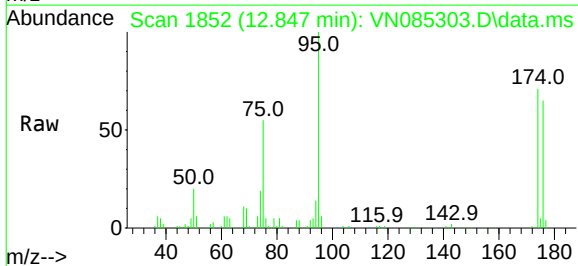
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Instrument :

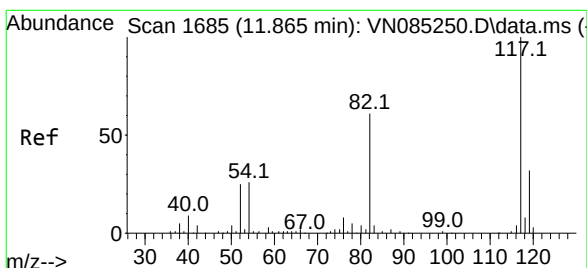
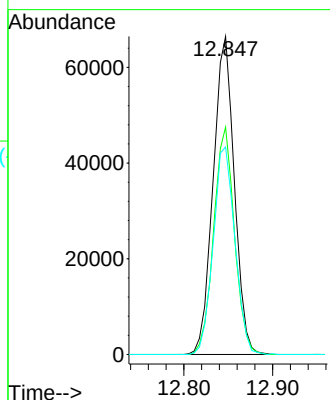
MSVOA_N

ClientSampleId :

SPLP-C10-1-MDL



Tgt Ion:	95	Resp:	110184
Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	144.4
176	66.9	0.0	136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

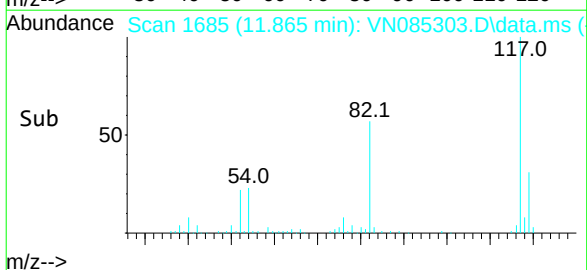
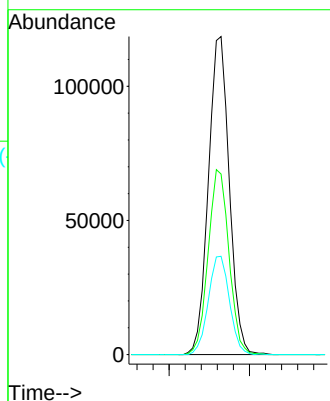
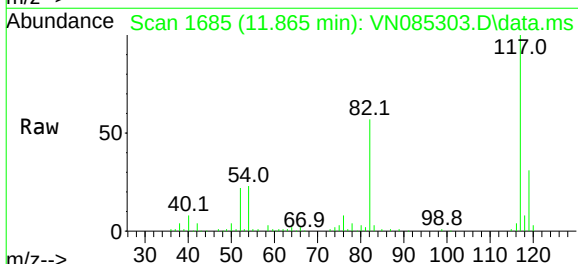
RT: 11.865 min Scan# 1685

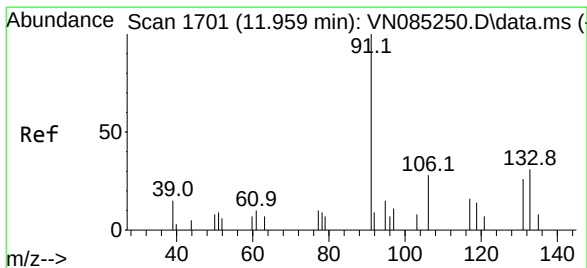
Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Tgt Ion:	117	Resp:	214104
Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.4	71.2
119	30.9	25.6	38.4





#67

Ethyl Benzene

Concen: 41.843 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

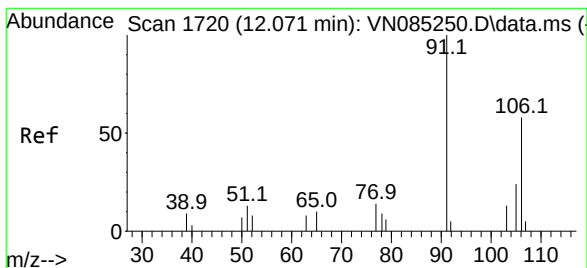
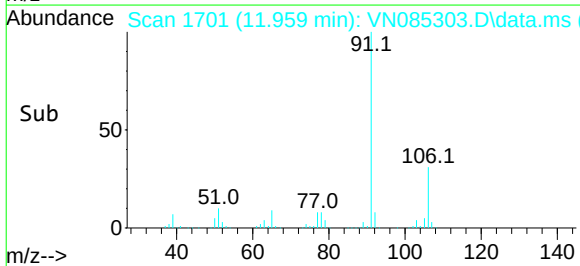
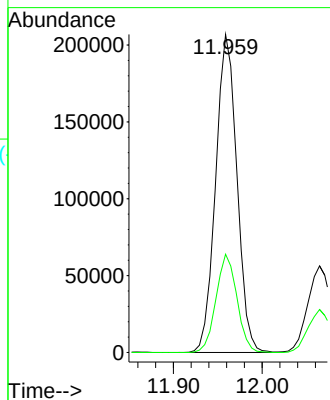
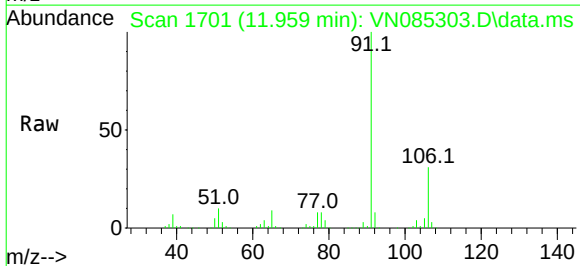
SPLP-C10-1-MDL

Tgt Ion: 91 Resp: 345174

Ion Ratio Lower Upper

91 100

106 30.9 23.5 35.3



#68

m/p-Xylenes

Concen: 16.597 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085303.D

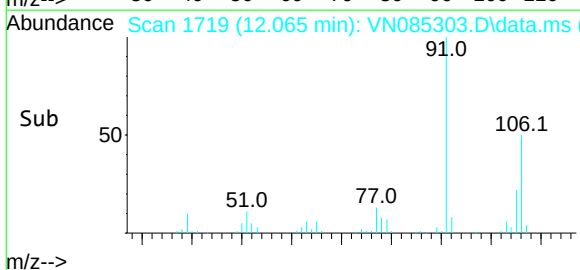
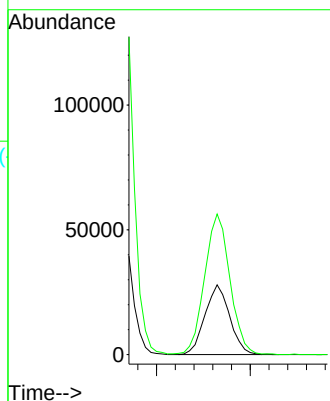
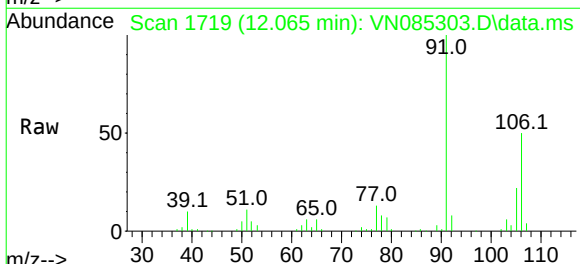
Acq: 23 Dec 2024 18:47

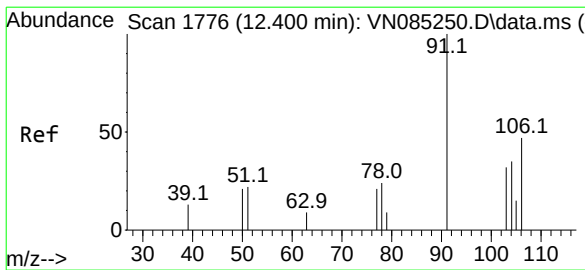
Tgt Ion: 106 Resp: 51205

Ion Ratio Lower Upper

106 100

91 206.7 168.3 252.5





#69

o-Xylene

Concen: 12.973 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

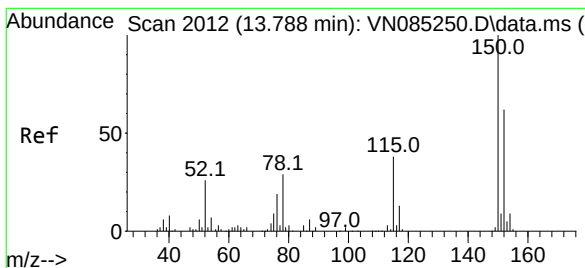
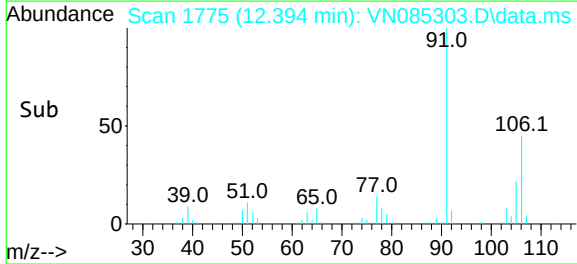
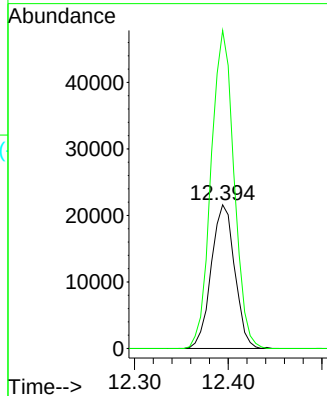
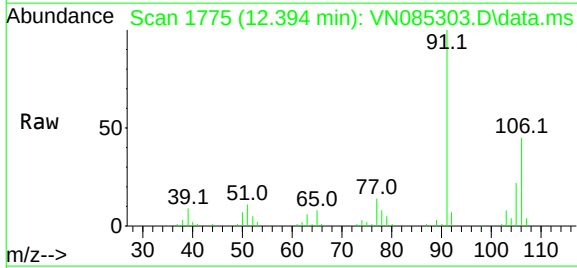
SPLP-C10-1-MDL

Tgt Ion:106 Resp: 37622

Ion Ratio Lower Upper

106 100

91 216.2 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

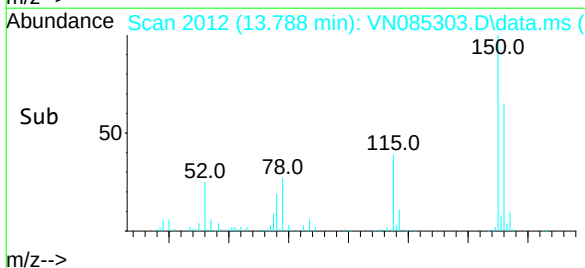
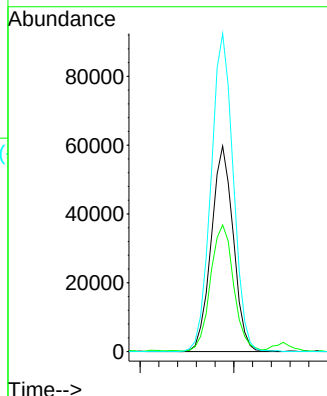
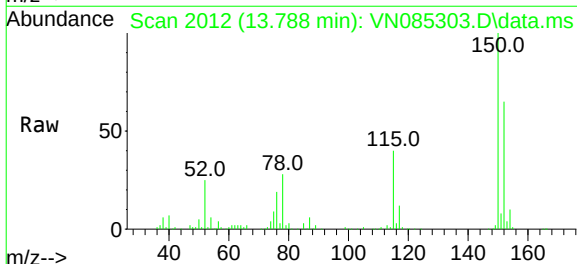
Tgt Ion:152 Resp: 97477

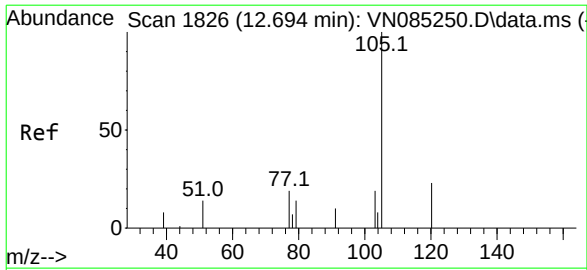
Ion Ratio Lower Upper

152 100

115 64.2 32.1 96.3

150 156.6 0.0 354.6





#73

Isopropylbenzene

Concen: 2.507 ug/l

RT: 12.694 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

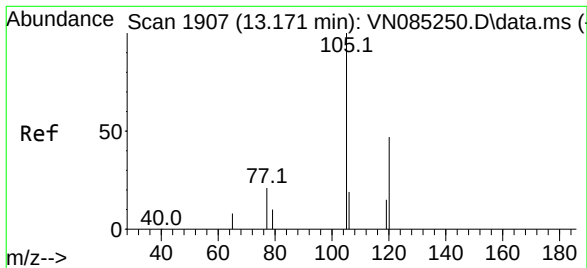
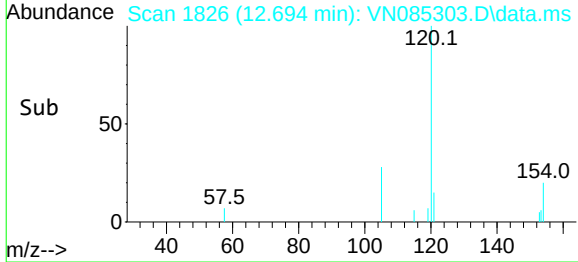
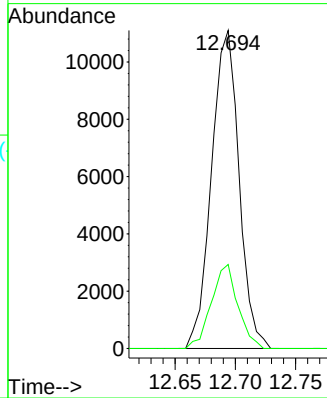
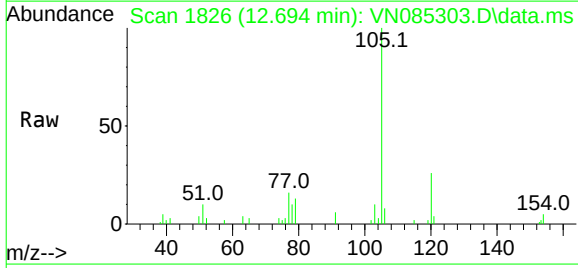
SPLP-C10-1-MDL

Tgt Ion:105 Resp: 17631

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 2.388 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085303.D

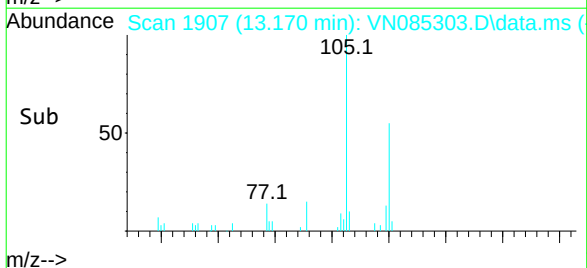
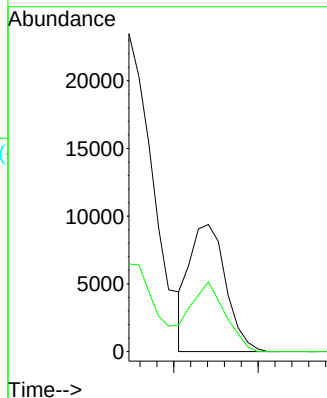
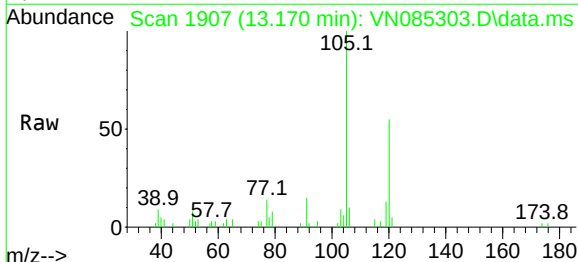
Acq: 23 Dec 2024 18:47

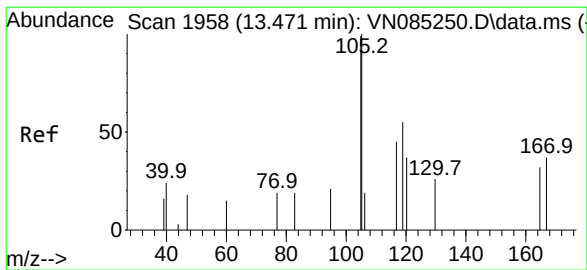
Tgt Ion:105 Resp: 14006

Ion Ratio Lower Upper

105 100

120 56.1 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 8.830 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

Instrument :

MSVOA_N

ClientSampleId :

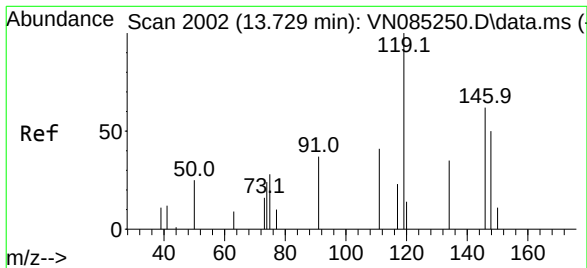
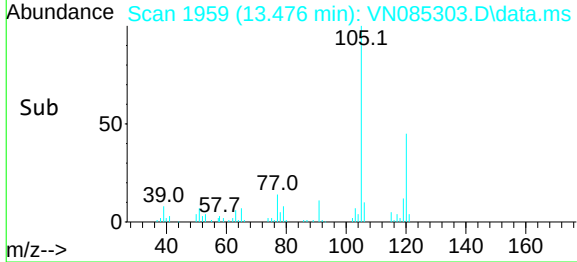
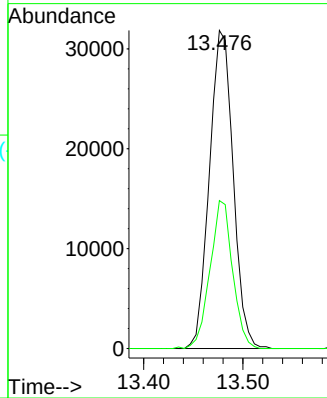
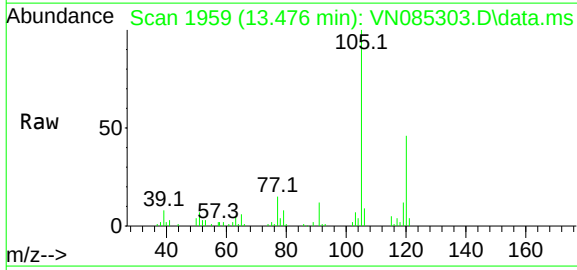
SPLP-C10-1-MDL

Tgt Ion:105 Resp: 52938

Ion Ratio Lower Upper

105 100

120 44.3 21.8 65.3



#86

p-Isopropyltoluene

Concen: 2.508 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085303.D

Acq: 23 Dec 2024 18:47

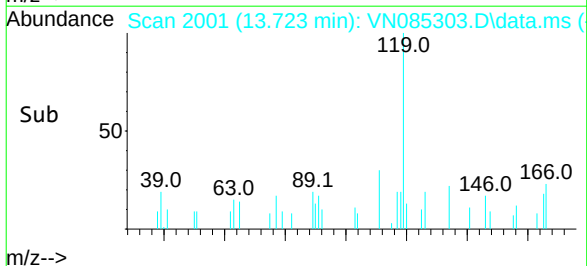
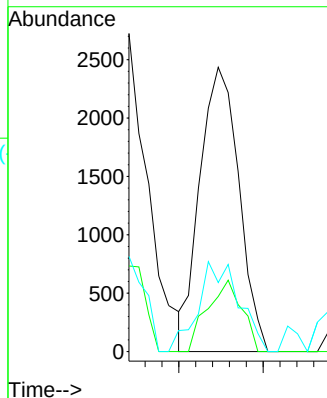
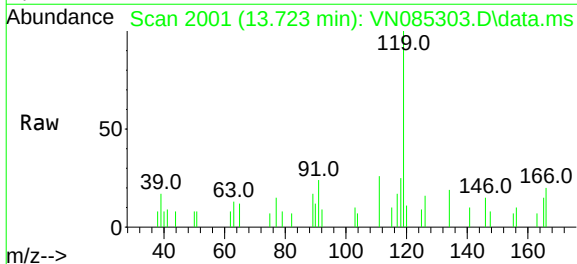
Tgt Ion:119 Resp: 3917

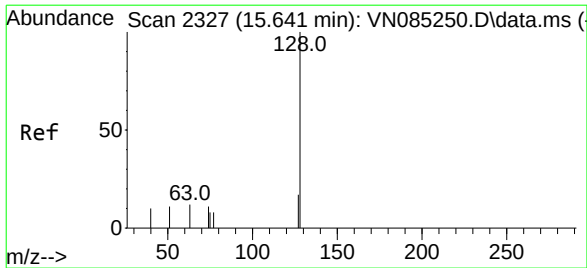
Ion Ratio Lower Upper

119 100

134 22.2 12.5 37.5

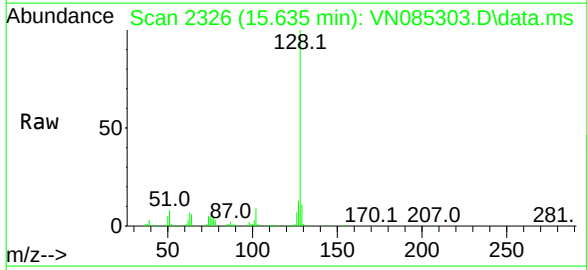
91 0.0 13.0 38.9#





#95
Naphthalene
Concen: 827.339 ug/l
RT: 15.635 min Scan# 23
Delta R.T. -0.006 min
Lab File: VN085303.D
Acq: 23 Dec 2024 18:47

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-MDL



Tgt Ion:128 Resp: 4435118

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

