

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085305.D
 Acq On : 23 Dec 2024 19:35
 Operator : JC\MD
 Sample : P5371-03DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-3-MDL

Quant Time: Dec 24 04:17:18 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)

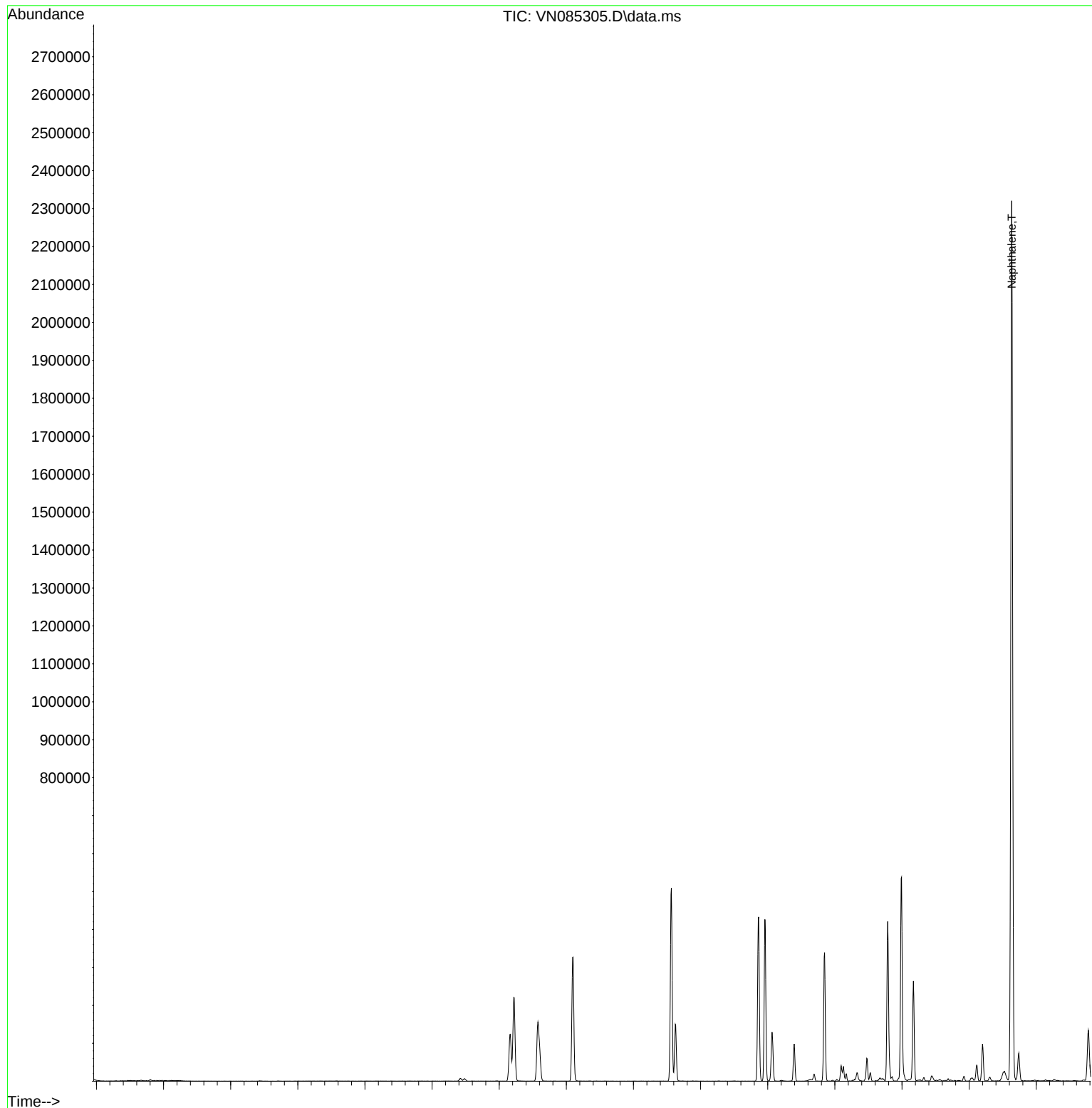
Internal Standards						
1) Pentafluorobenzene	8.224	168	153204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	286168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	239567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115390	43.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.180%		
35) Dibromofluoromethane	8.165	113	89521	44.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.000%		
50) Toluene-d8	10.565	98	345816	47.028	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.060%		
62) 4-Bromofluorobenzene	12.847	95	113855	43.349	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.700%		
Target Compounds						
27) cis-1,2-Dichloroethene	7.488	96	3757	1.674	ug/l	88
40) Benzene	8.606	78	68792	7.893	ug/l	96
52) Toluene	10.624	92	64483	12.305	ug/l	99
67) Ethyl Benzene	11.959	91	309633	33.546	ug/l	97
68) m/p-Xylenes	12.065	106	41663	12.069	ug/l	96
69) o-Xylene	12.394	106	26642	8.211	ug/l	97
73) Isopropylbenzene	12.694	105	11282	1.482	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	9000	1.418	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	33195	5.115	ug/l	99
86) p-Isopropyltoluene	13.723	119	1581	2.156	ug/l #	57
95) Naphthalene	15.635	128	2066970	356.229	ug/l	99

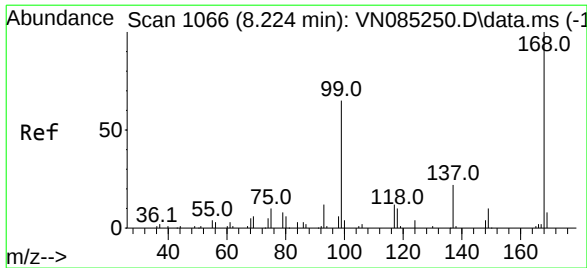
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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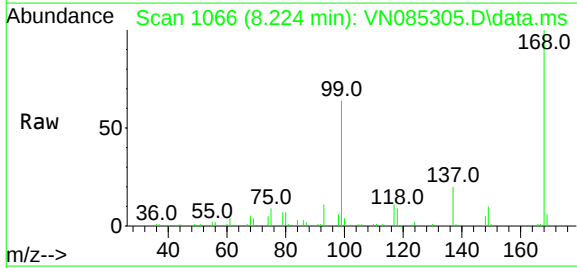
Quant Time: Dec 24 04:17:18 2024
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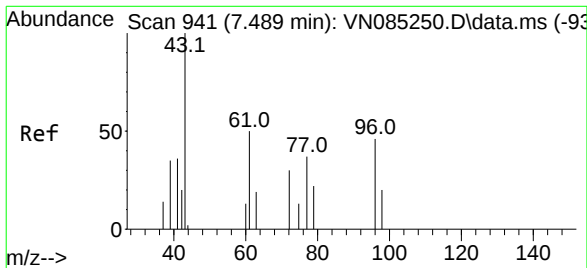
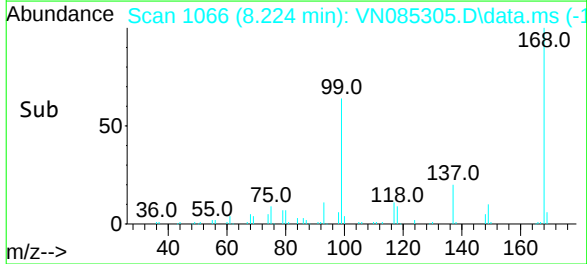
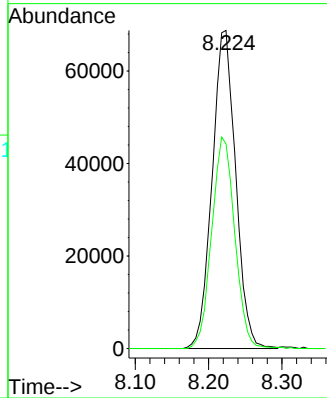


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-MDL

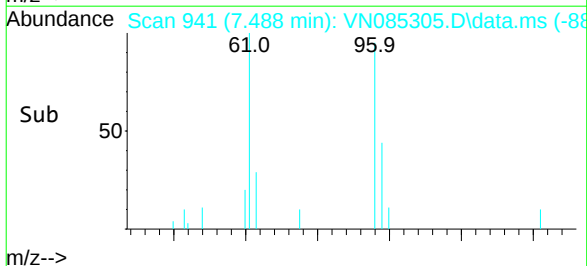
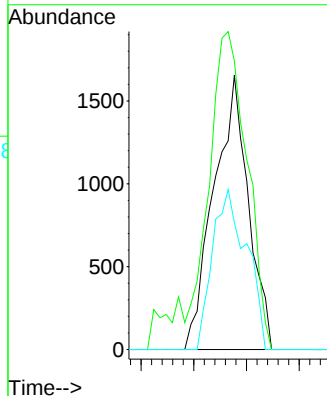
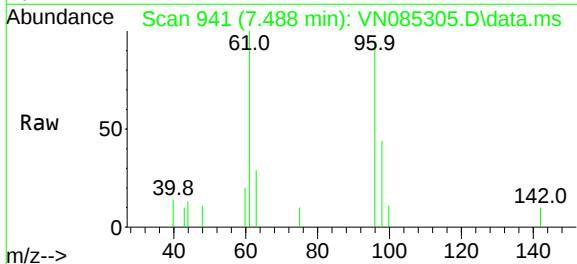


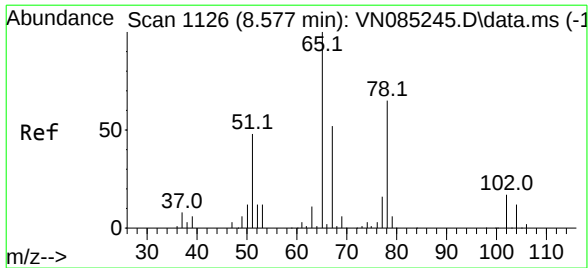
Tgt Ion: 168 Resp: 153204
Ion Ratio Lower Upper
168 100
99 64.3 50.7 76.1



#27
cis-1,2-Dichloroethene
Concen: 1.674 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

Tgt Ion: 96 Resp: 3757
Ion Ratio Lower Upper
96 100
61 140.1 0.0 316.4
98 57.6 0.0 125.4

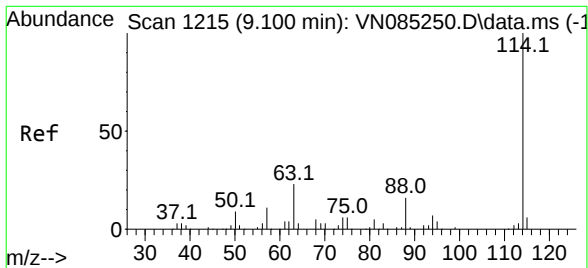
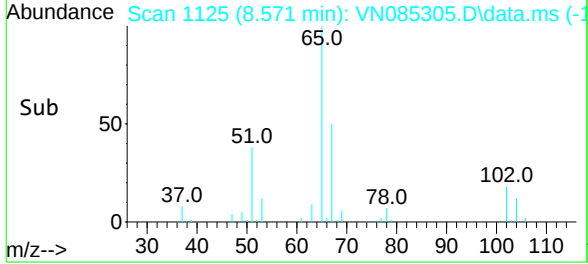
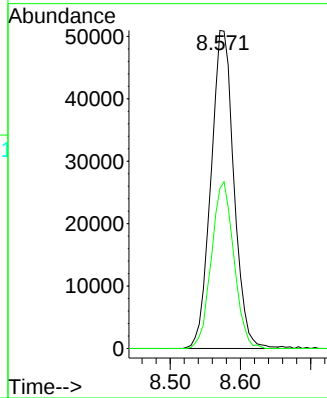
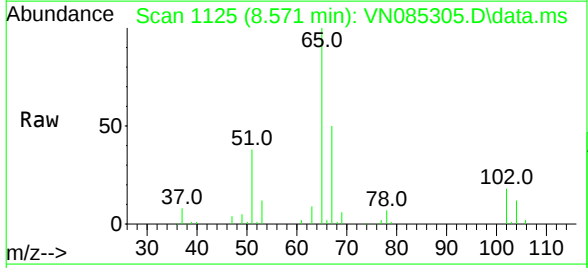




#33
1,2-Dichloroethane-d4
Concen: 43.092 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

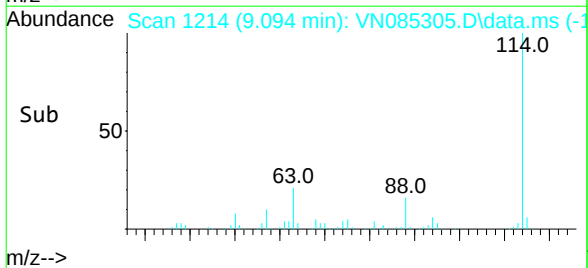
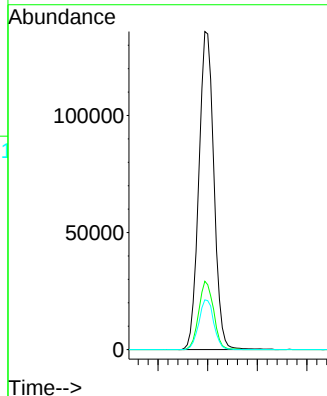
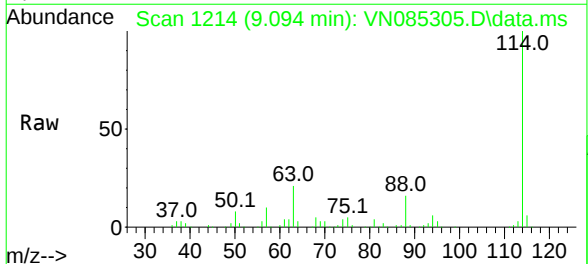
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-MDL

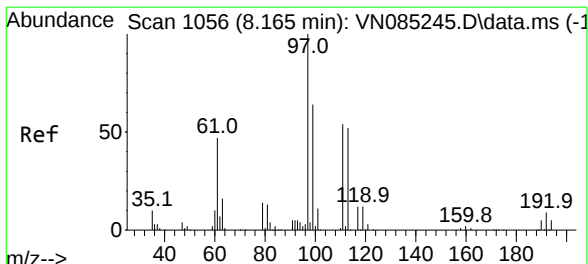
Tgt Ion: 65 Resp: 115390
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

Tgt Ion: 114 Resp: 286168
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.2
88 15.6 0.0 32.6

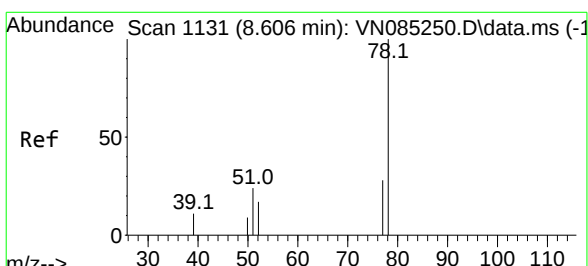
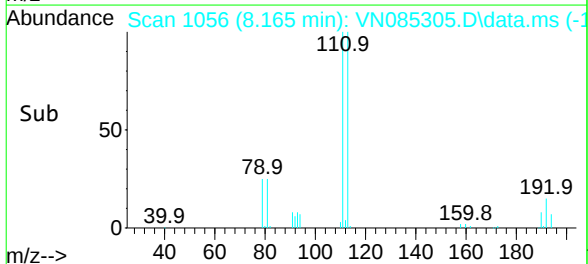
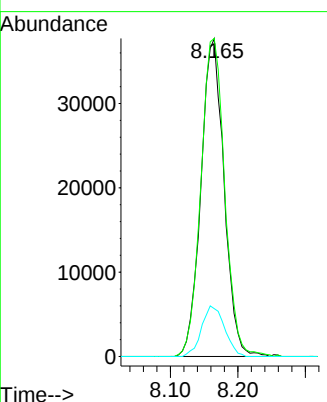
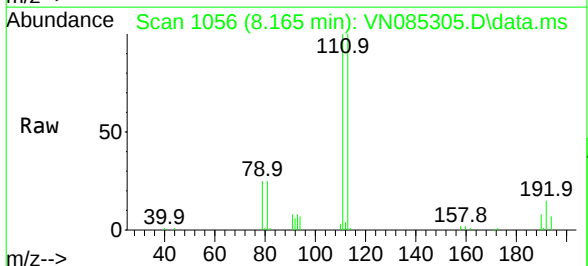




#35
 Dibromofluoromethane
 Concen: 44.496 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN085305.D
 Acq: 23 Dec 2024 19:35

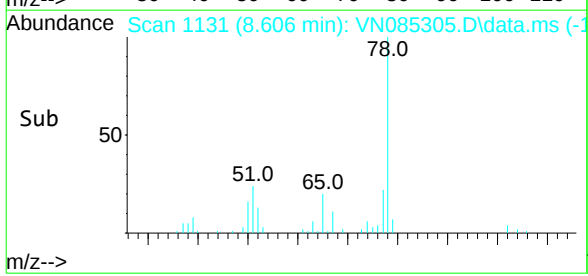
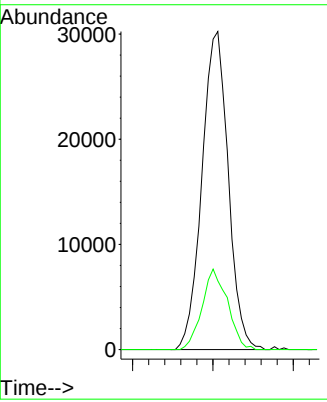
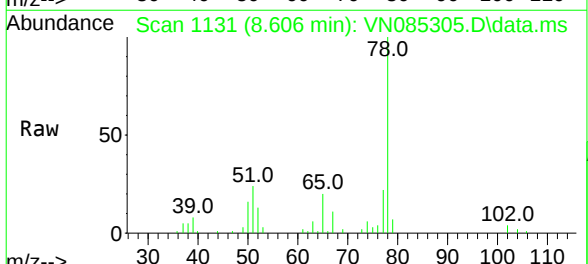
Instrument : MSVOA_N
 ClientSampleId : SPLP-C10-3-MDL

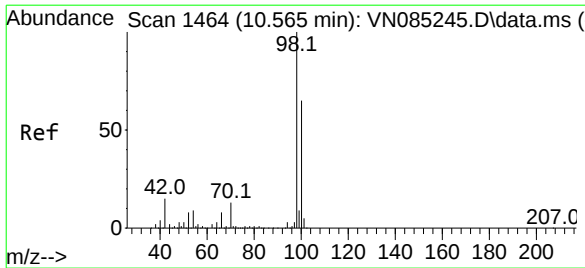
Tgt Ion:	113	Resp:	89521
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.1	123.1
192	15.9	13.4	20.0



#40
 Benzene
 Concen: 7.893 ug/l
 RT: 8.606 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: VN085305.D
 Acq: 23 Dec 2024 19:35

Tgt Ion:	78	Resp:	68792
Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.9	28.3





#50

Toluene-d8

Concen: 47.028 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

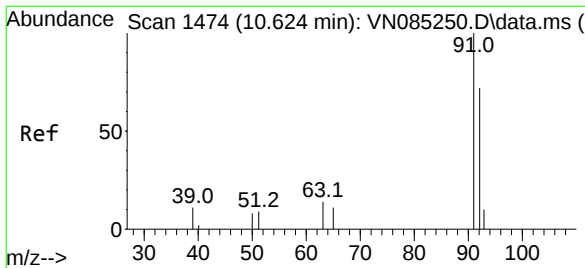
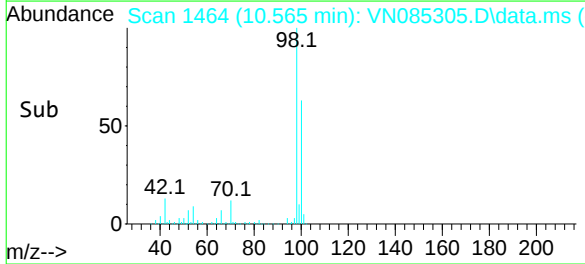
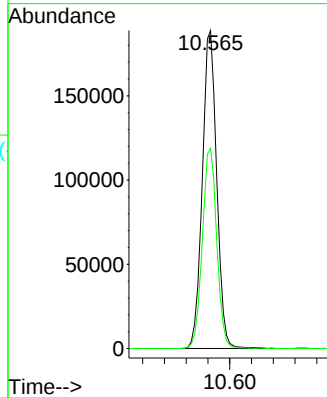
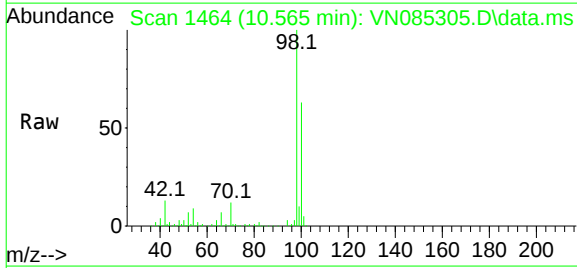
SPLP-C10-3-MDL

Tgt Ion: 98 Resp: 345816

Ion Ratio Lower Upper

98 100

100 63.1 51.6 77.4



#52

Toluene

Concen: 12.305 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085305.D

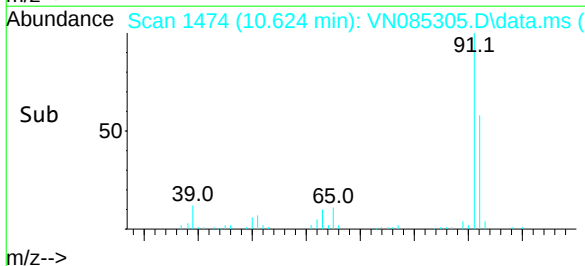
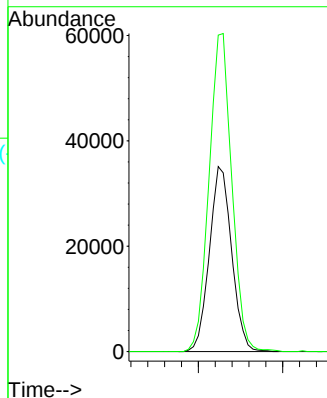
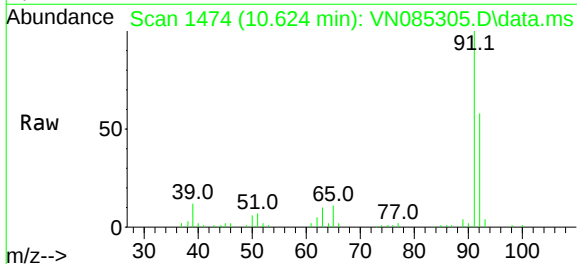
Acq: 23 Dec 2024 19:35

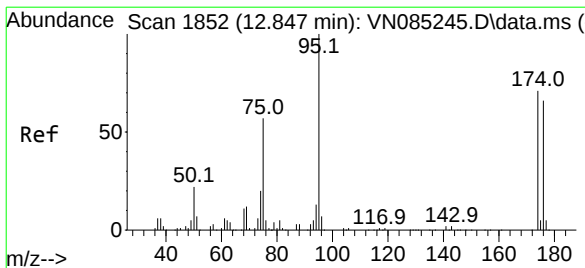
Tgt Ion: 92 Resp: 64483

Ion Ratio Lower Upper

92 100

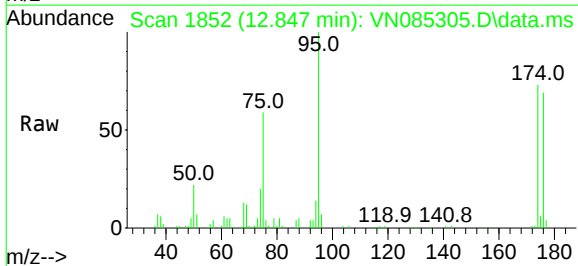
91 175.4 138.9 208.3



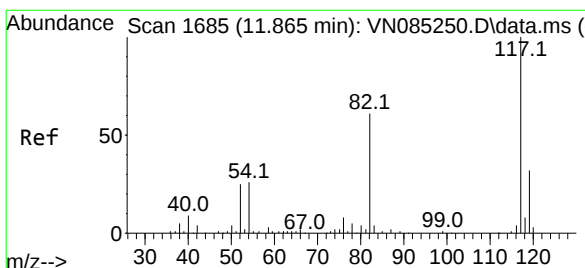
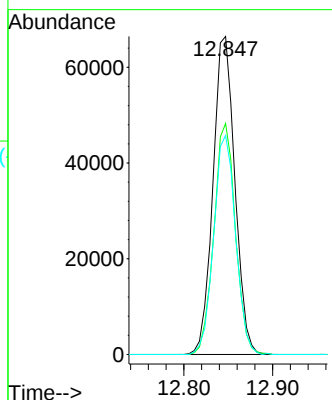
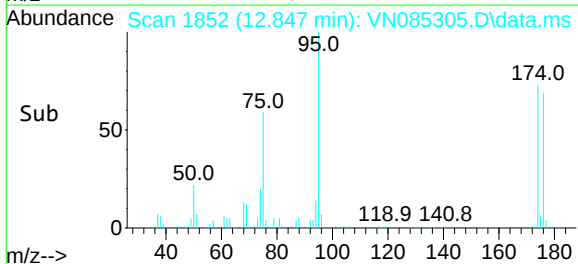


#62
4-Bromofluorobenzene
Concen: 43.349 ug/l
RT: 12.847 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-MDL

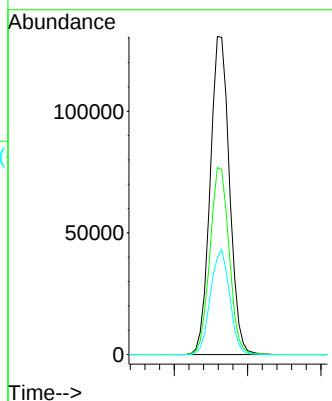
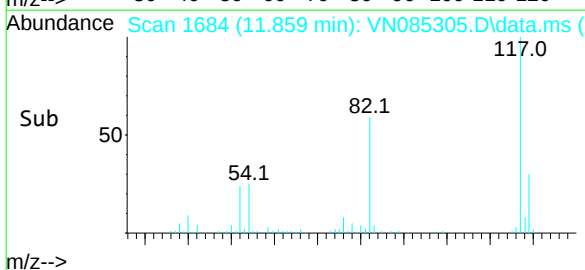
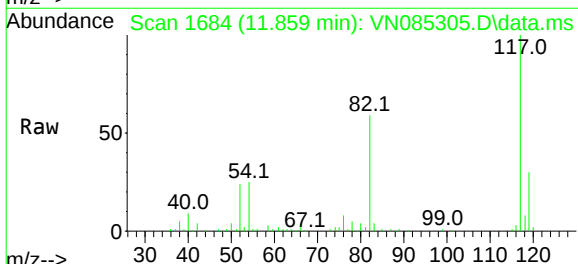


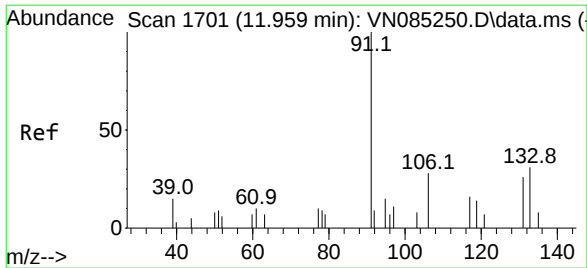
Tgt Ion: 95 Resp: 113855
Ion Ratio Lower Upper
95 100
174 71.2 0.0 144.4
176 68.8 0.0 136.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

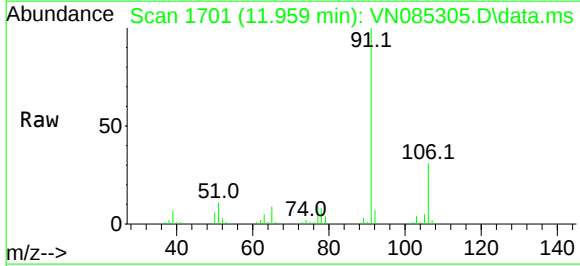
Tgt Ion: 117 Resp: 239567
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 30.5 25.6 38.4



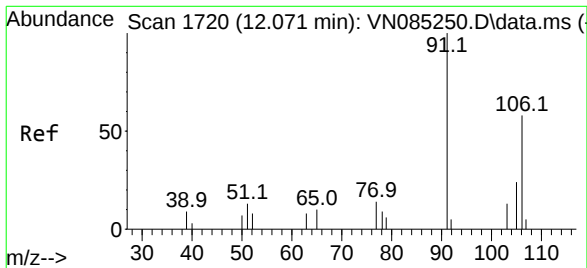
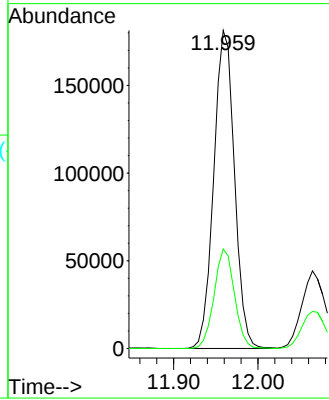
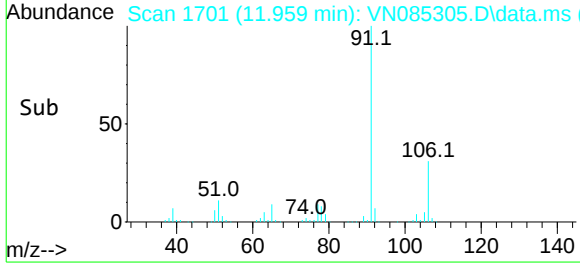


#67
Ethyl Benzene
Concen: 33.546 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-MDL

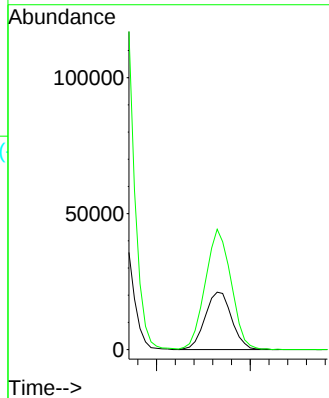
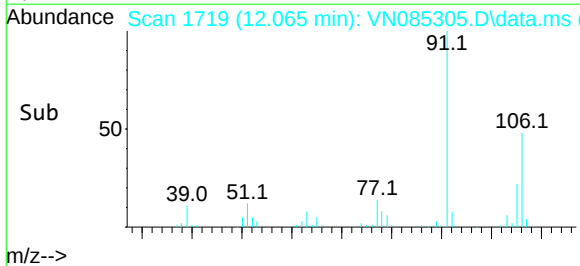
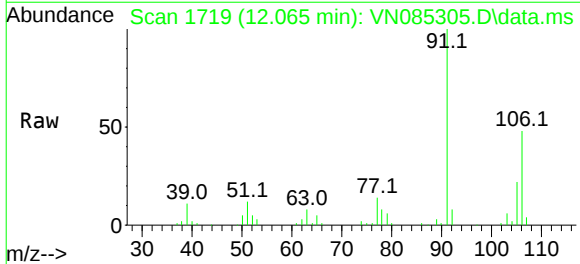


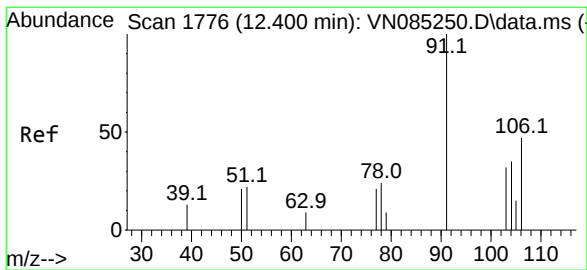
Tgt Ion: 91 Resp: 309633
Ion Ratio Lower Upper
91 100
106 31.3 23.5 35.3



#68
m/p-Xylenes
Concen: 12.069 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

Tgt Ion:106 Resp: 41663
Ion Ratio Lower Upper
106 100
91 203.7 168.3 252.5





#69

o-Xylene

Concen: 8.211 ug/l

RT: 12.394 min Scan# 17

Delta R.T. -0.000 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

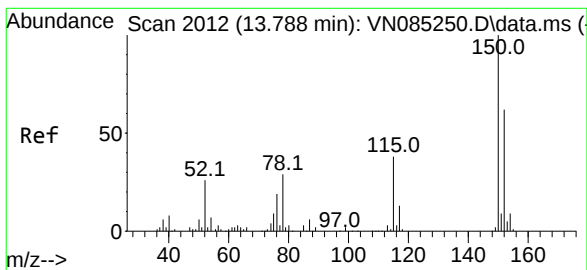
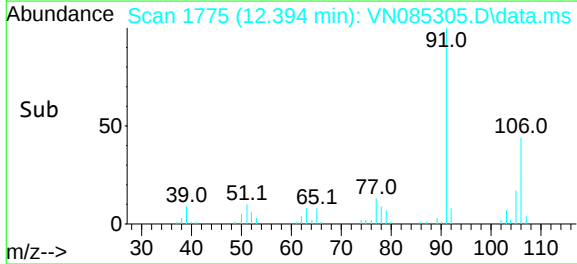
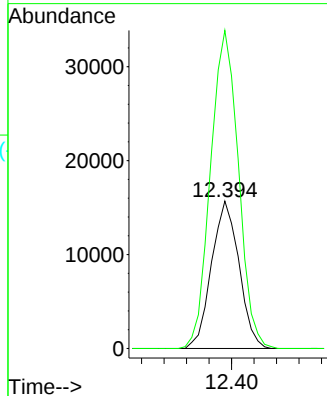
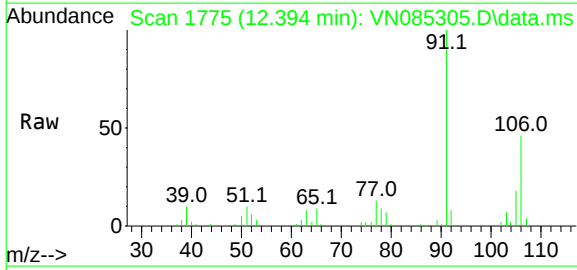
SPLP-C10-3-MDL

Tgt Ion:106 Resp: 26642

Ion Ratio Lower Upper

106 100

91 219.0 112.1 336.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

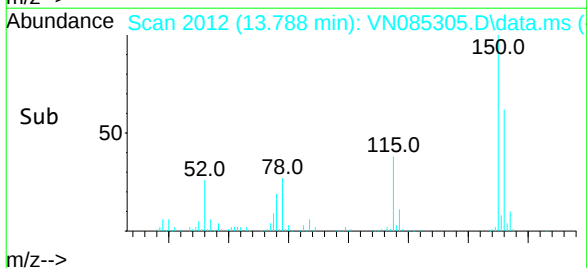
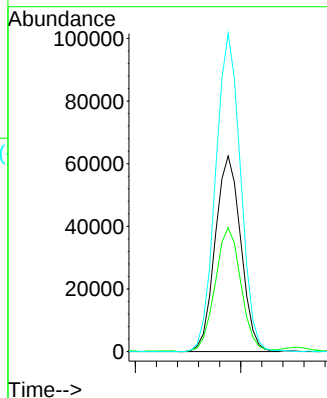
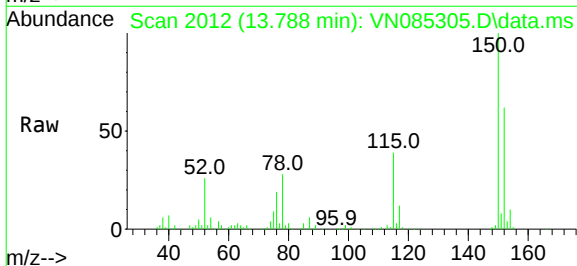
Tgt Ion:152 Resp: 105508

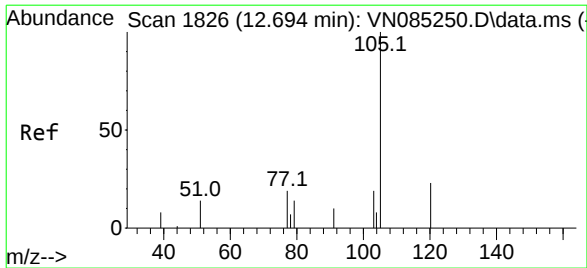
Ion Ratio Lower Upper

152 100

115 63.8 32.1 96.3

150 158.7 0.0 354.6





#73

Isopropylbenzene

Concen: 1.482 ug/l

RT: 12.694 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

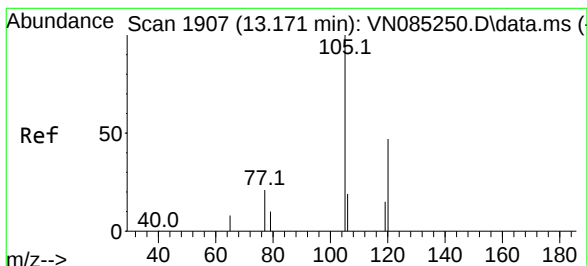
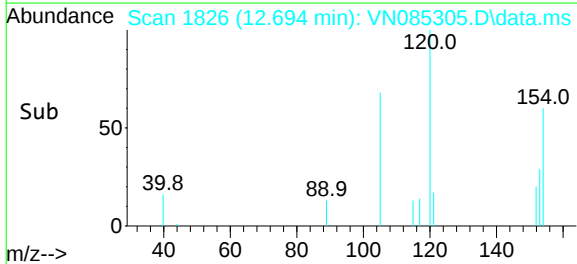
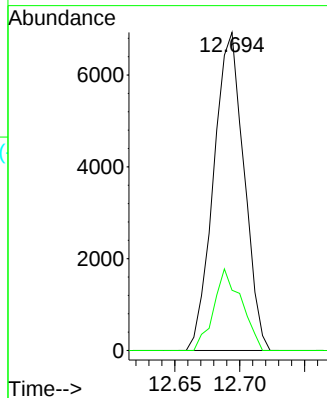
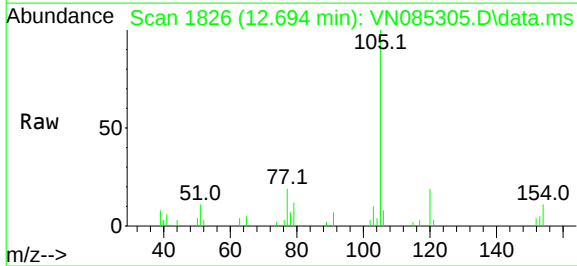
SPLP-C10-3-MDL

Tgt Ion:105 Resp: 11282

Ion Ratio Lower Upper

105 100

120 23.4 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.418 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085305.D

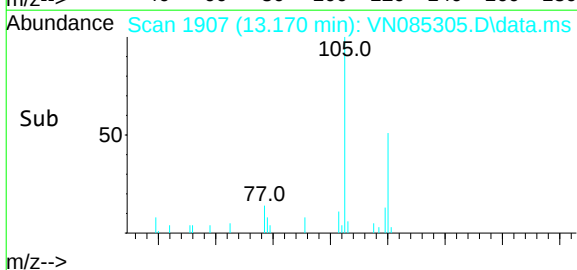
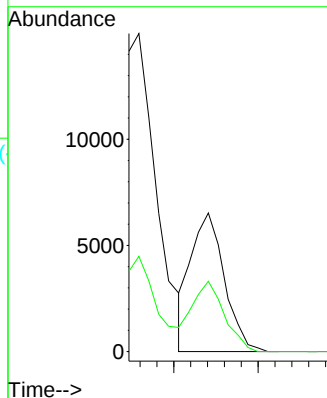
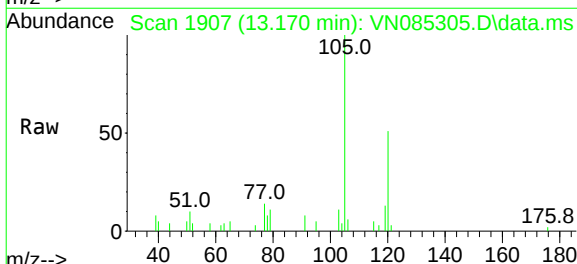
Acq: 23 Dec 2024 19:35

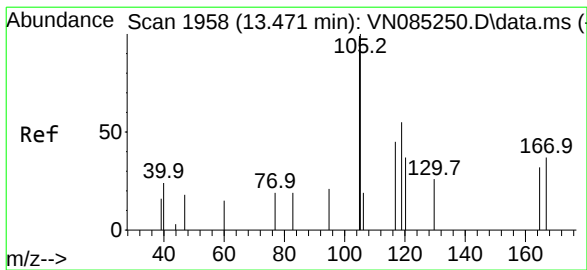
Tgt Ion:105 Resp: 9000

Ion Ratio Lower Upper

105 100

120 49.2 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 5.115 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

Instrument :

MSVOA_N

ClientSampleId :

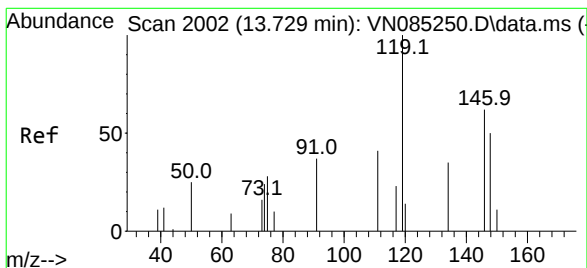
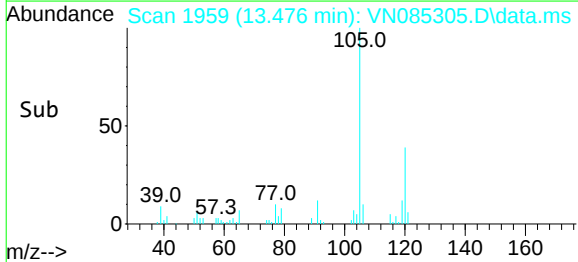
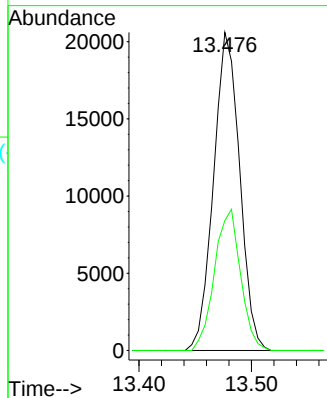
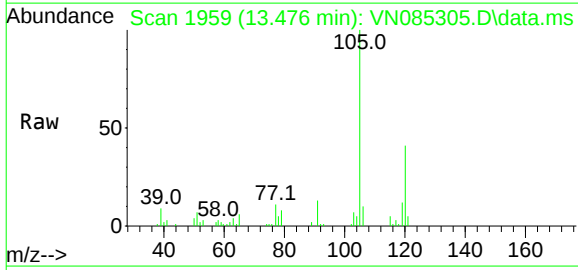
SPLP-C10-3-MDL

Tgt Ion:105 Resp: 33195

Ion Ratio Lower Upper

105 100

120 44.4 21.8 65.3



#86

p-Isopropyltoluene

Concen: 2.156 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085305.D

Acq: 23 Dec 2024 19:35

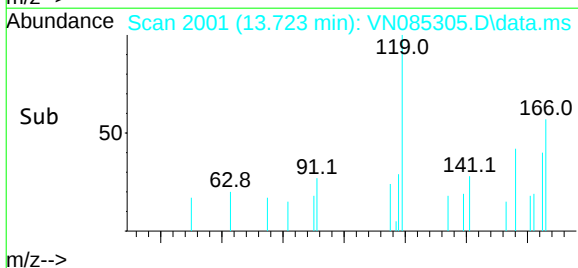
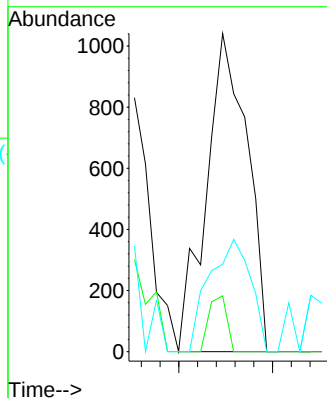
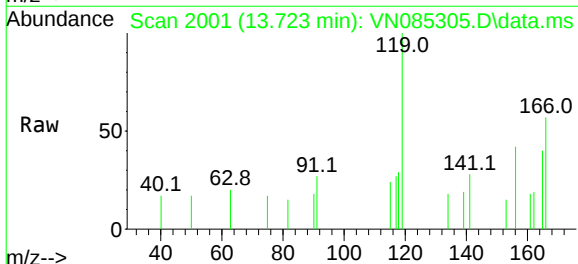
Tgt Ion:119 Resp: 1581

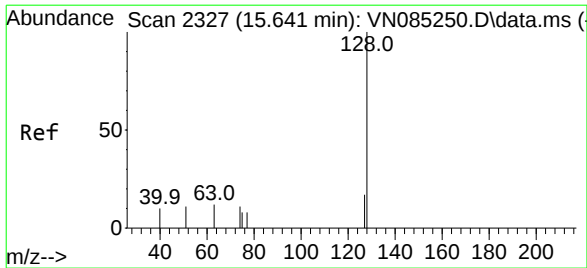
Ion Ratio Lower Upper

119 100

134 7.7 12.5 37.5#

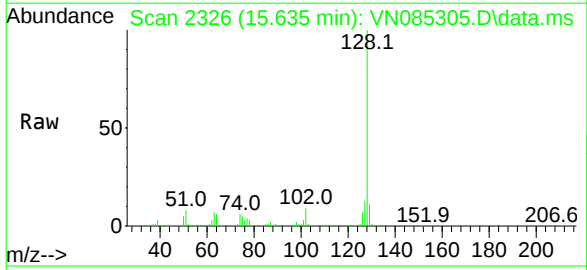
91 0.0 13.0 38.9#





#95
Naphthalene
Concen: 356.229 ug/l
RT: 15.635 min Scan# 23
Delta R.T. -0.006 min
Lab File: VN085305.D
Acq: 23 Dec 2024 19:35

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-MDL



Tgt Ion:128 Resp: 2066970

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.6	13.0

