

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085293.D
 Acq On : 23 Dec 2024 14:50
 Operator : JC\MD
 Sample : P5371-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 24 06:51:45 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	171305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	315145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	279146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140716	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	139913	46.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.460%
35) Dibromofluoromethane	8.159	113	83298	37.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	75.200%
50) Toluene-d8	10.565	98	388659	47.994	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.841	95	146057	50.496	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.000%

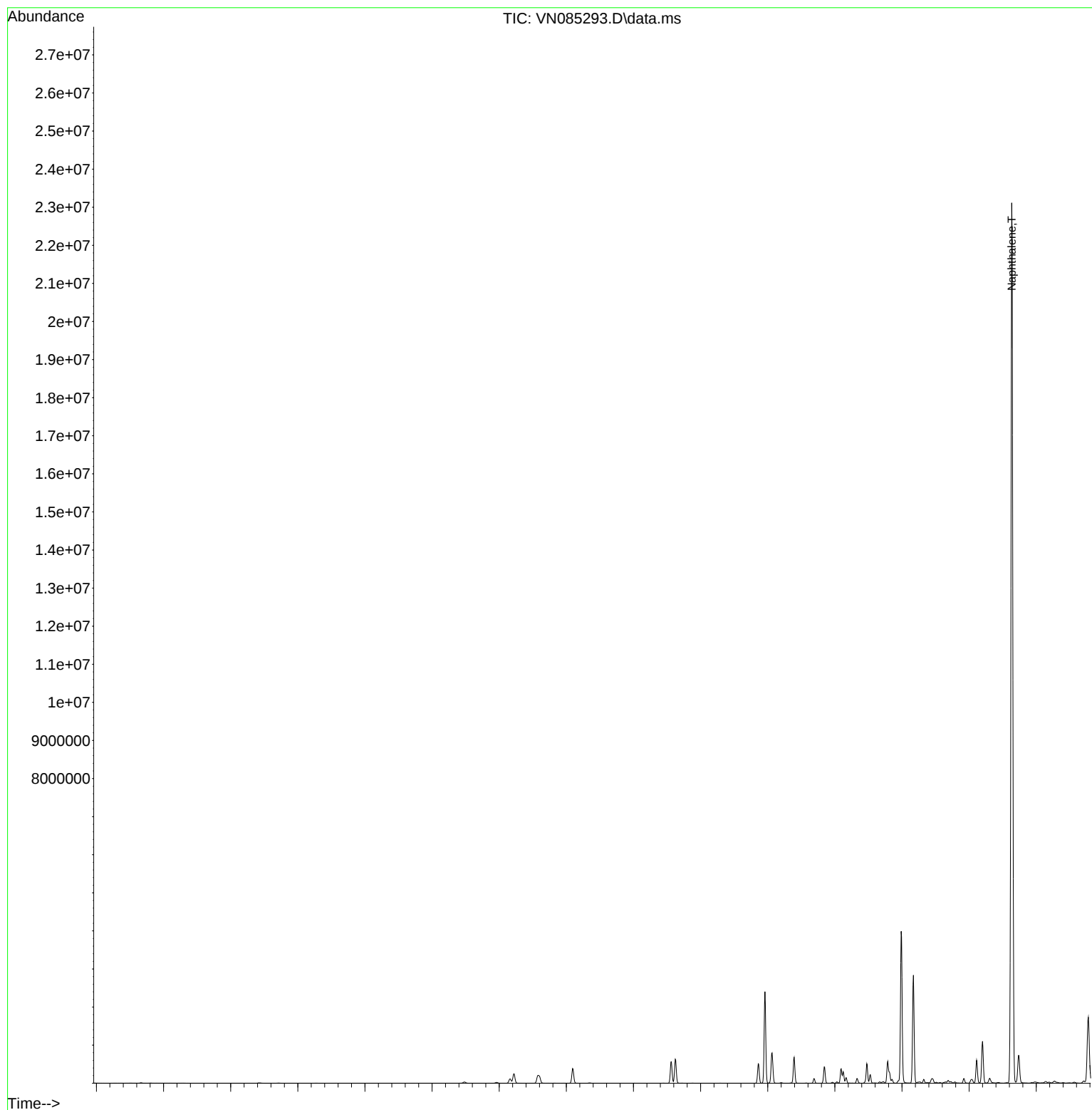
Target Compounds						Qvalue
4) Vinyl Chloride	2.512	62	2872	1.178	ug/l	94
16) Acetone	4.424	43	18670	18.064	ug/l	94
17) Carbon Disulfide	4.718	76	9092	1.363	ug/l #	89
27) cis-1,2-Dichloroethene	7.483	96	17269	6.880	ug/l	86
30) Chloroform	7.965	83	20664	4.624	ug/l	98
40) Benzene	8.600	78	150581	15.689	ug/l	97
44) Trichloroethene	9.353	130	3889	1.820	ug/l	74
52) Toluene	10.624	92	269842	46.758	ug/l	99
67) Ethyl Benzene	11.959	91	1709384	158.936	ug/l	99
68) m/p-Xylenes	12.065	106	251704	62.574	ug/l	97
69) o-Xylene	12.394	106	179166	47.386	ug/l	98
73) Isopropylbenzene	12.688	105	76715	7.557	ug/l	100
78) n-propylbenzene	13.029	91	27522	2.211	ug/l	95
80) 1,3,5-Trimethylbenzene	13.165	105	70286	8.301	ug/l	93
84) 1,2,4-Trimethylbenzene	13.476	105	275610	31.845	ug/l	98
86) p-Isopropyltoluene	13.723	119	13825	3.319	ug/l #	72
95) Naphthalene	15.635	128	18692323	2415.461	ug/l	96

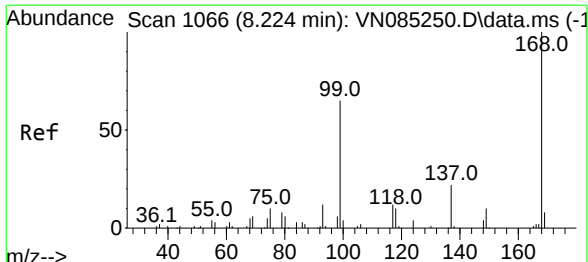
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085293.D
Acq On : 23 Dec 2024 14:50
Operator : JC\MD
Sample : P5371-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

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

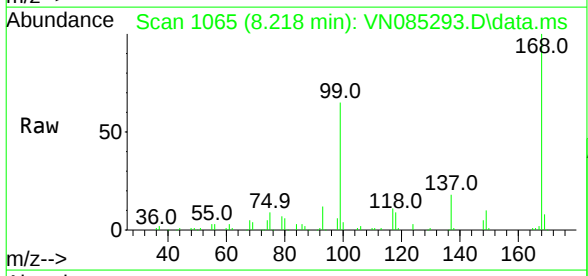
Quant Time: Dec 24 06:51:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



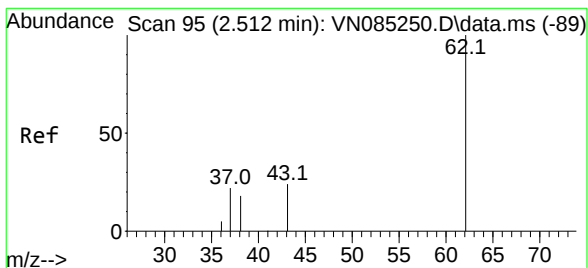
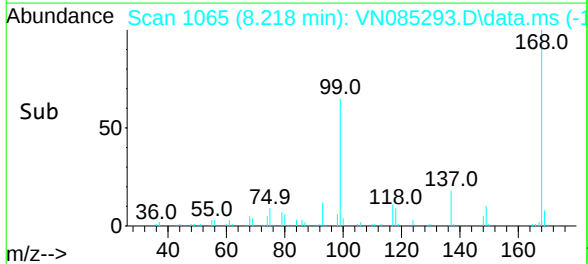
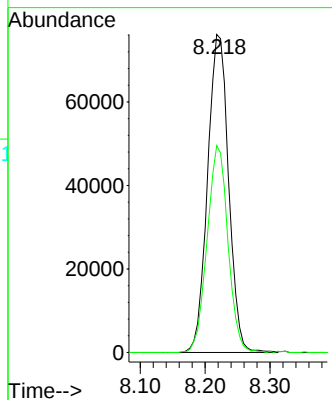


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VN085293.D
 Acq: 23 Dec 2024 14:50

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

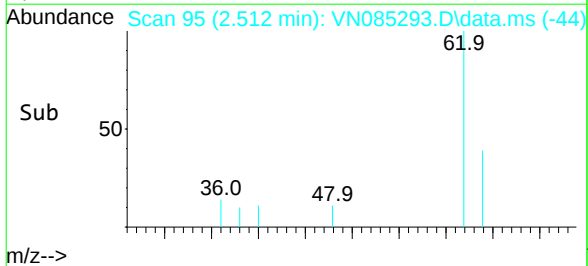
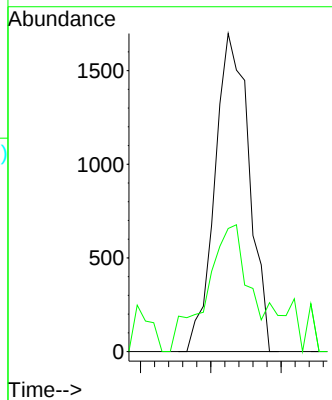
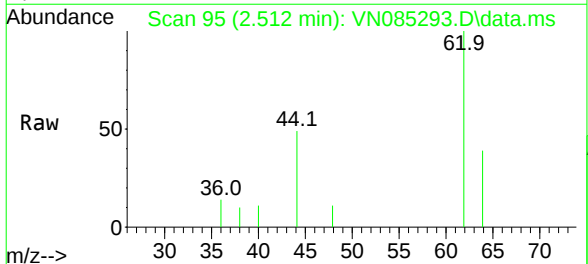


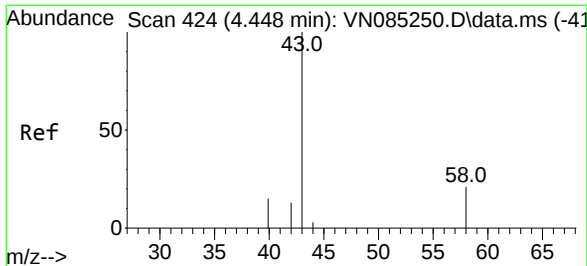
Tgt Ion: 168 Resp: 171305
 Ion Ratio Lower Upper
 168 100
 99 65.0 50.7 76.1



#4
 Vinyl Chloride
 Concen: 1.178 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VN085293.D
 Acq: 23 Dec 2024 14:50

Tgt Ion: 62 Resp: 2872
 Ion Ratio Lower Upper
 62 100
 64 27.6 24.5 36.7

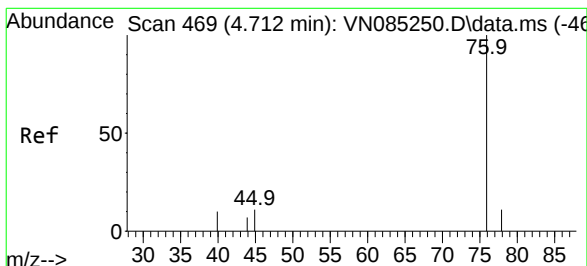
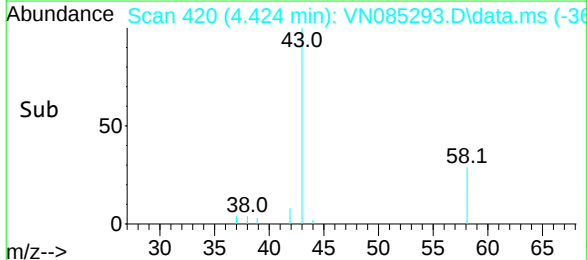
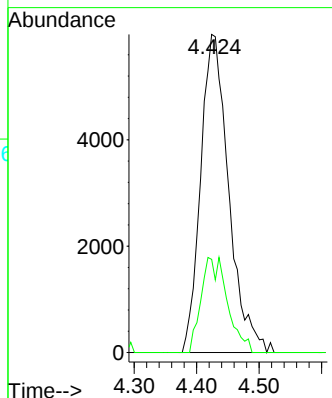
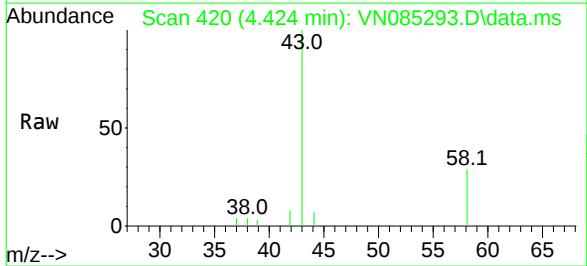




#16
Acetone
Concen: 18.064 ug/l
RT: 4.424 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

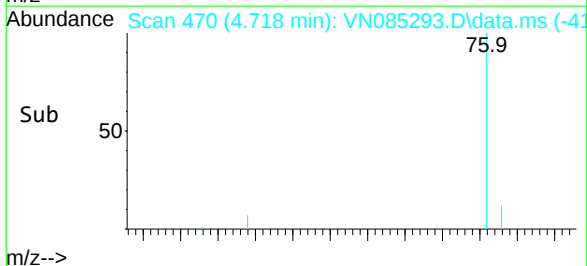
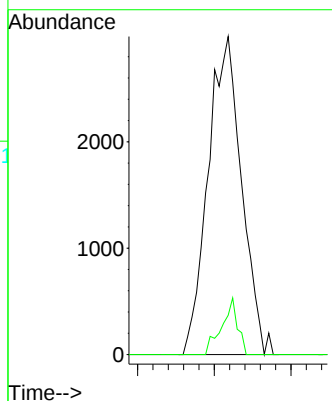
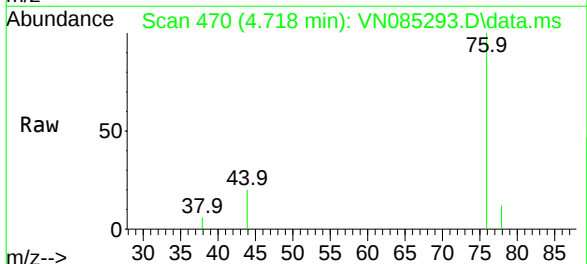
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-M

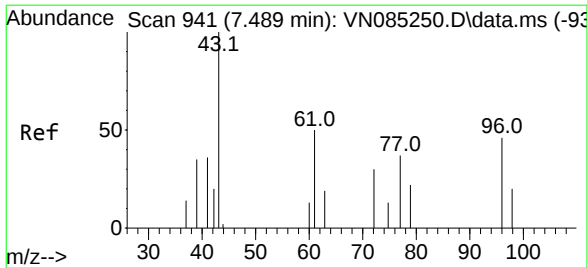
Tgt Ion: 43 Resp: 18670
Ion Ratio Lower Upper
43 100
58 29.3 20.8 31.2



#17
Carbon Disulfide
Concen: 1.363 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

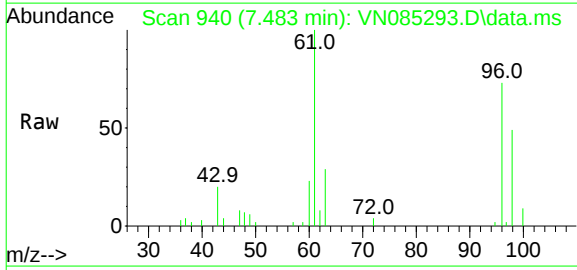
Tgt Ion: 76 Resp: 9092
Ion Ratio Lower Upper
76 100
78 12.3 6.8 10.2#



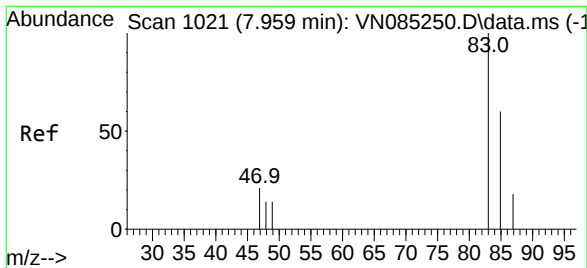
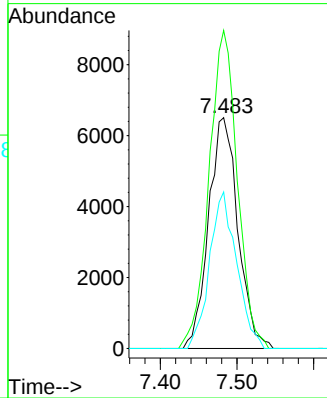
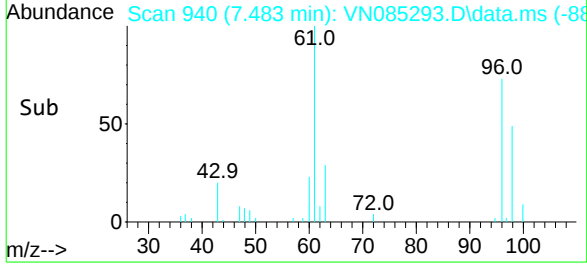


#27
cis-1,2-Dichloroethene
Concen: 6.880 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

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

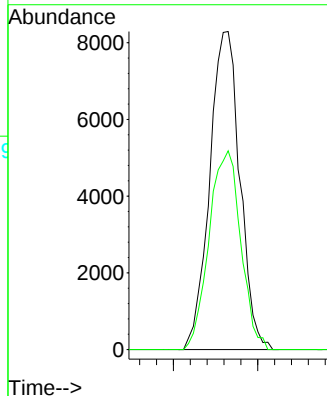
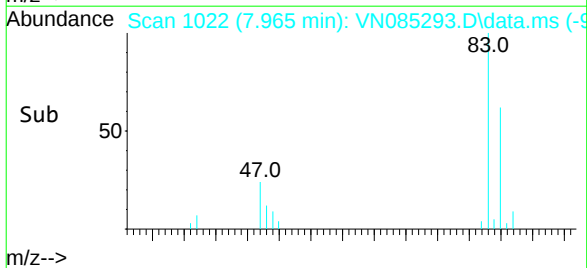
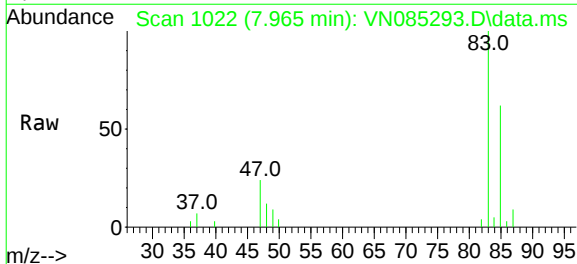


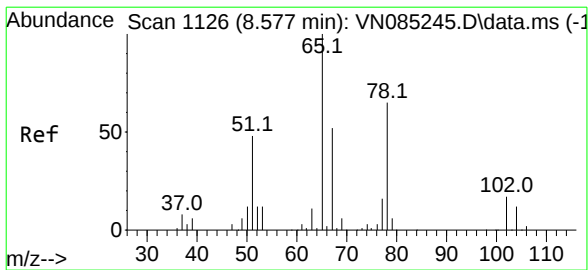
Tgt Ion: 96 Resp: 17269
Ion Ratio Lower Upper
96 100
61 133.1 0.0 316.4
98 62.7 0.0 125.4



#30
Chloroform
Concen: 4.624 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

Tgt Ion: 83 Resp: 20664
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.0

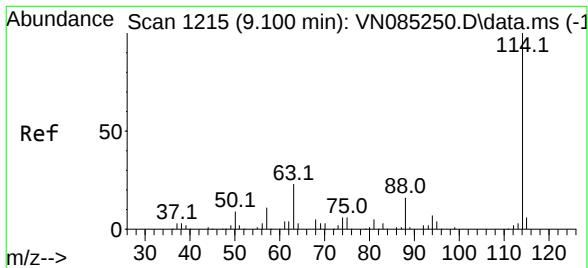
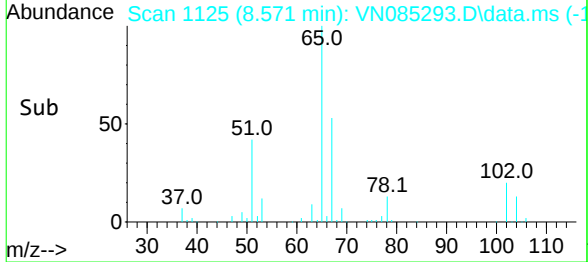
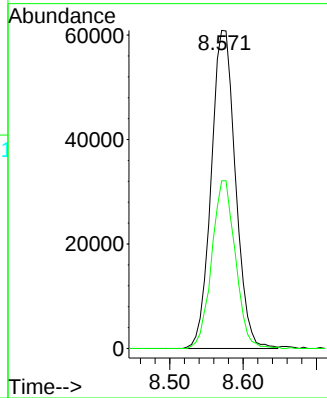
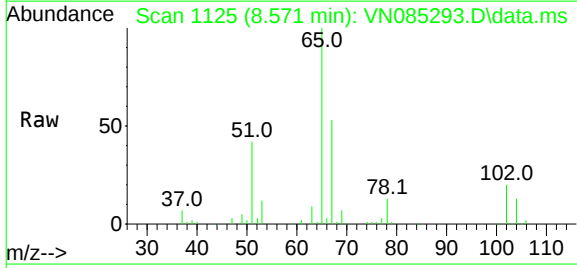




#33
1,2-Dichloroethane-d4
Concen: 46.729 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

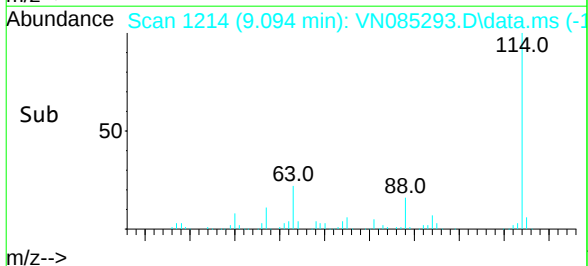
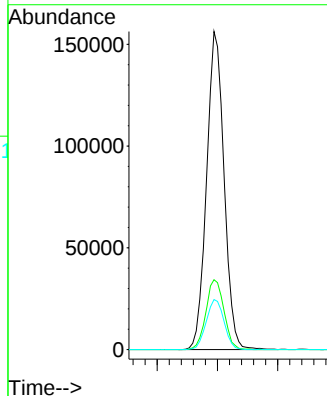
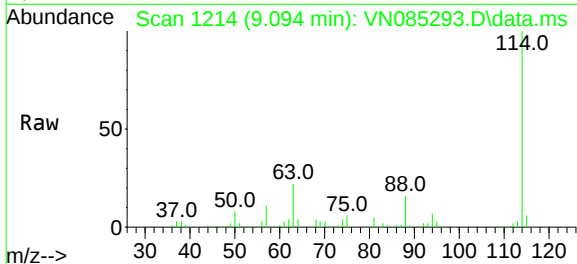
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-M

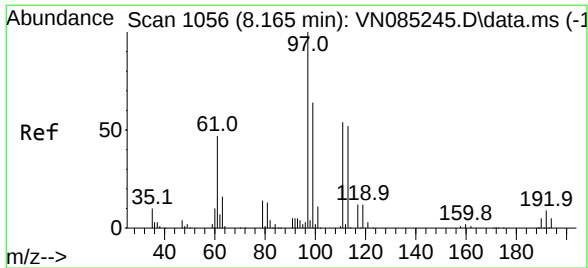
Tgt Ion: 65 Resp: 139913
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

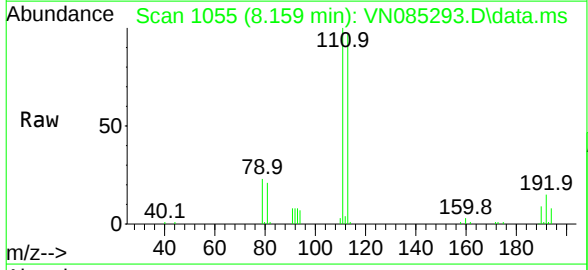
Tgt Ion: 114 Resp: 315145
Ion Ratio Lower Upper
114 100
63 22.0 0.0 46.2
88 15.7 0.0 32.6



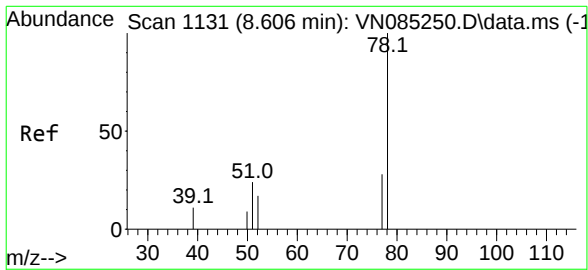
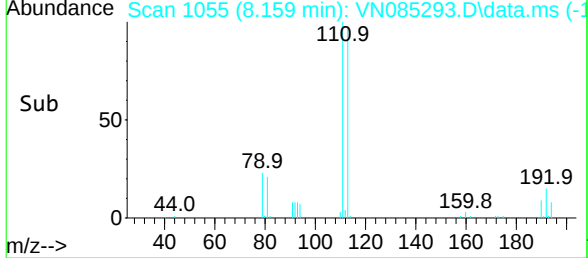
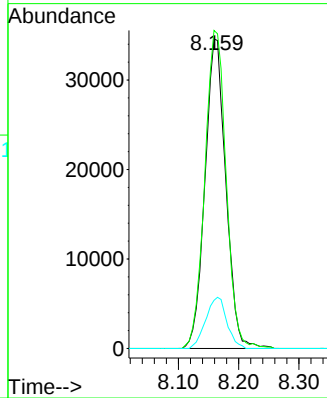


#35
 Dibromofluoromethane
 Concen: 37.596 ug/l
 RT: 8.159 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: VN085293.D
 Acq: 23 Dec 2024 14:50

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

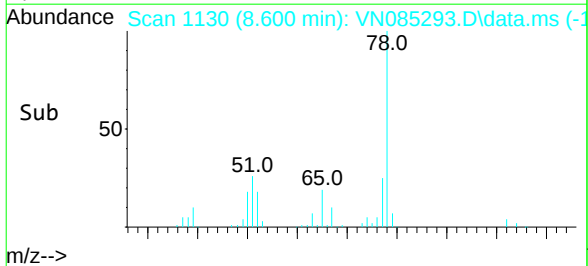
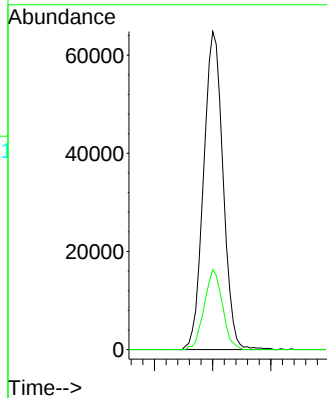
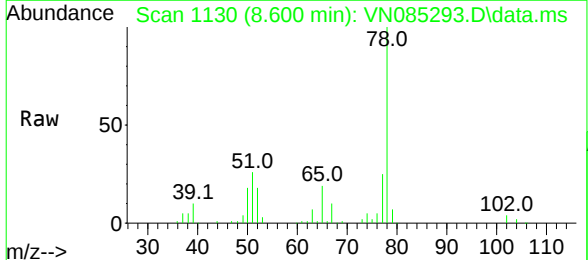


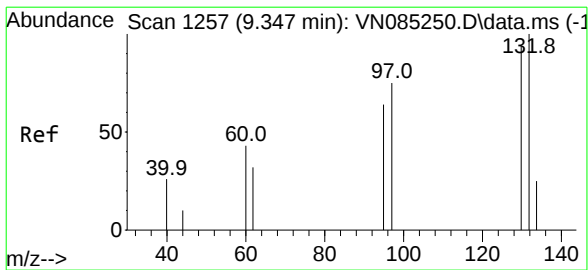
Tgt Ion:	113	Resp:	83298
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.1	123.1
192	16.7	13.4	20.0



#40
 Benzene
 Concen: 15.689 ug/l
 RT: 8.600 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN085293.D
 Acq: 23 Dec 2024 14:50

Tgt Ion:	78	Resp:	150581
Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.9	28.3





#44

Trichloroethene

Concen: 1.820 ug/l

RT: 9.353 min Scan# 12

Delta R.T. 0.006 min

Lab File: VN085293.D

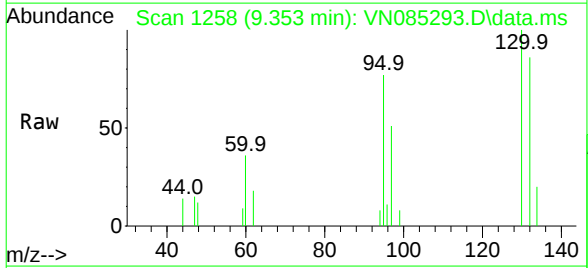
Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-1-M

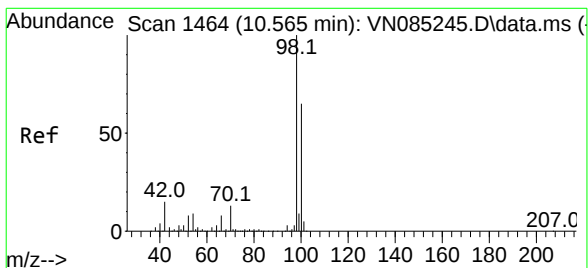
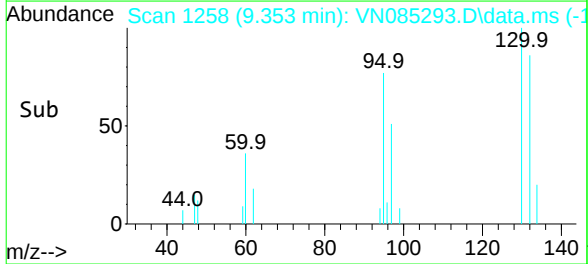
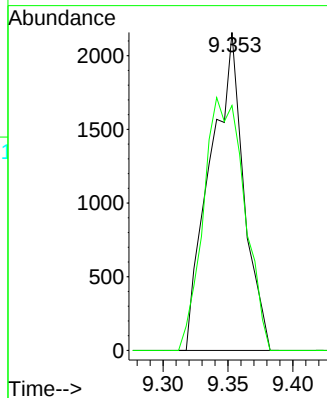


Tgt Ion:130 Resp: 3889

Ion Ratio Lower Upper

130 100

95 77.0 0.0 207.6



#50

Toluene-d8

Concen: 47.994 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085293.D

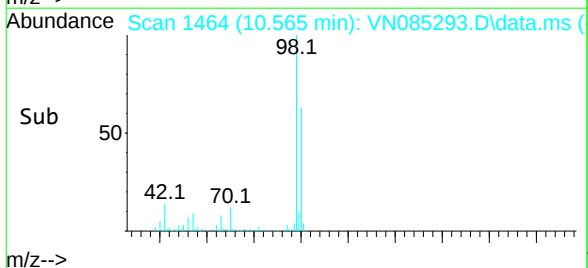
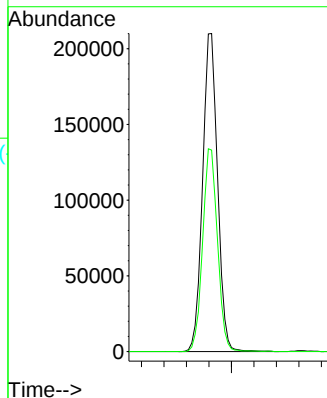
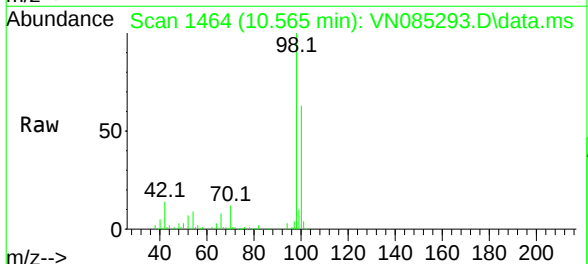
Acq: 23 Dec 2024 14:50

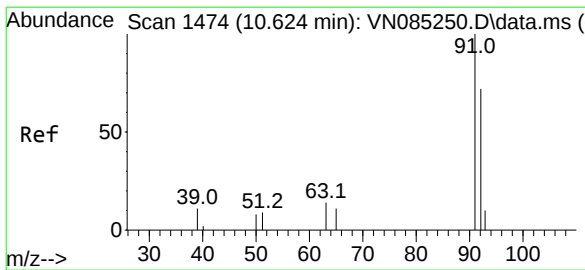
Tgt Ion: 98 Resp: 388659

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4





#52

Toluene

Concen: 46.758 ug/l

RT: 10.624 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

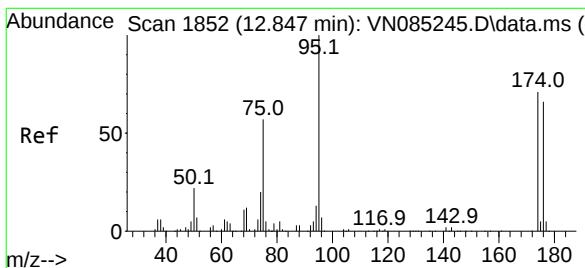
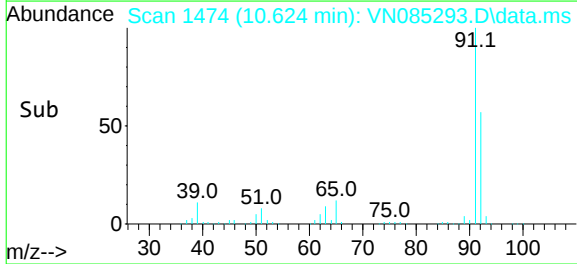
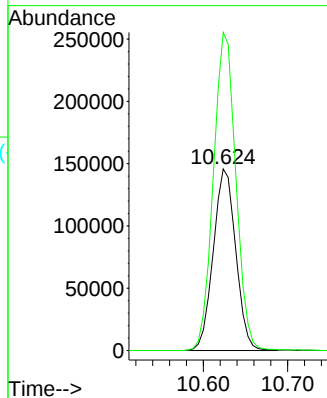
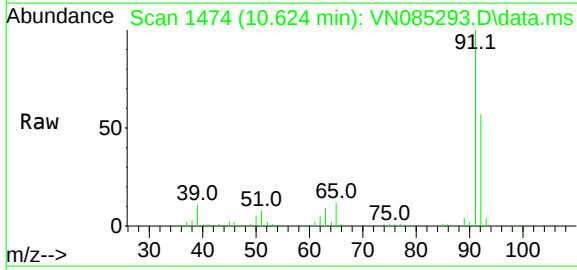
SPLP-C10-1-M

Tgt Ion: 92 Resp: 269842

Ion Ratio Lower Upper

92 100

91 175.0 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 50.496 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

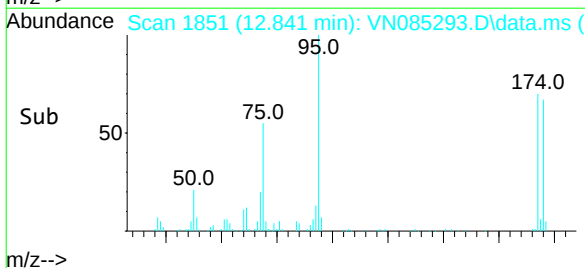
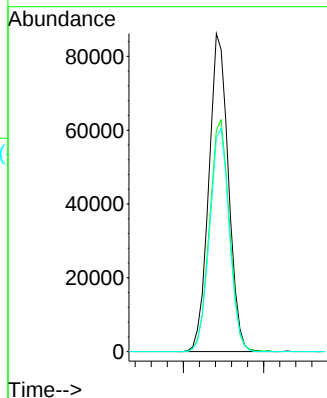
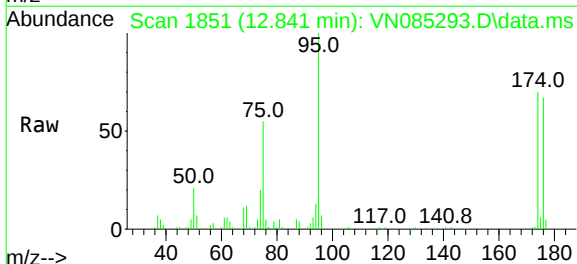
Tgt Ion: 95 Resp: 146057

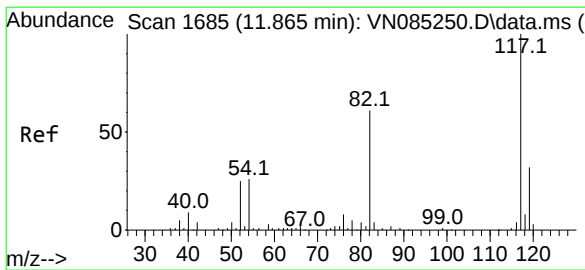
Ion Ratio Lower Upper

95 100

174 74.0 0.0 144.4

176 70.5 0.0 136.6

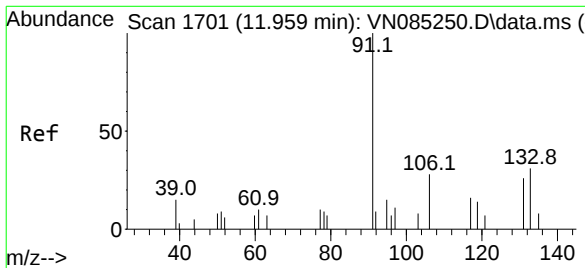
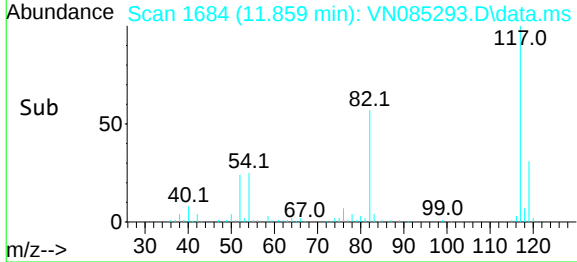
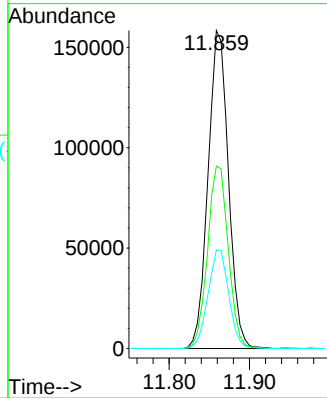
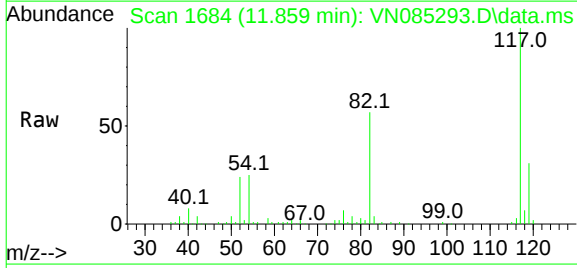




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

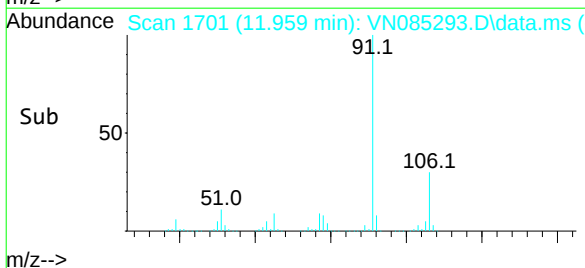
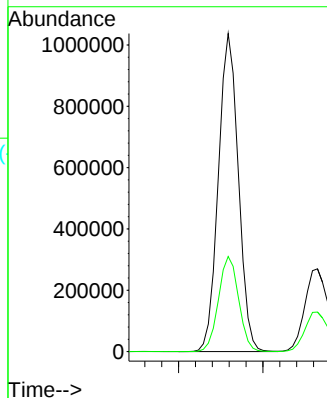
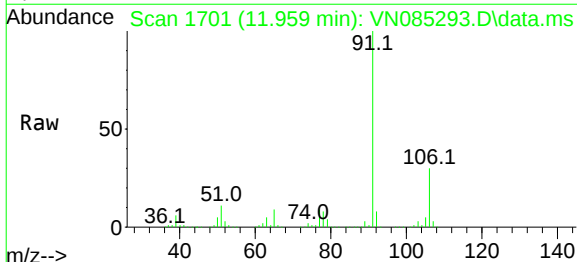
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-M

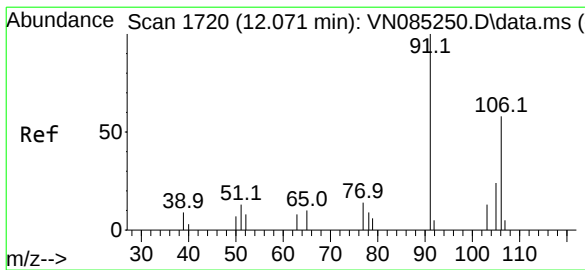
Tgt Ion:117 Resp: 279146
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.0 25.6 38.4



#67
Ethyl Benzene
Concen: 158.936 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

Tgt Ion: 91 Resp: 1709384
Ion Ratio Lower Upper
91 100
106 29.9 23.5 35.3

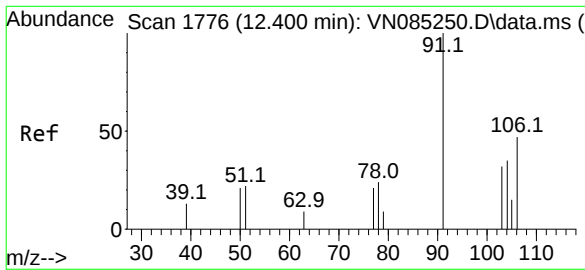
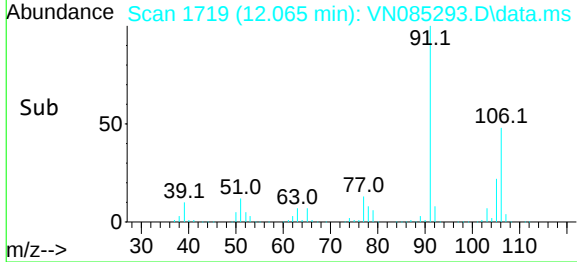
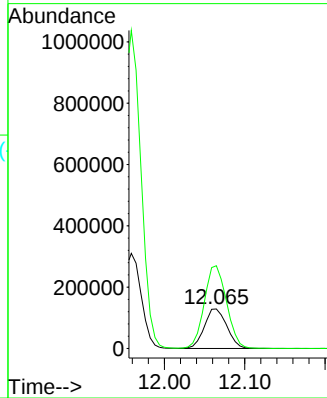
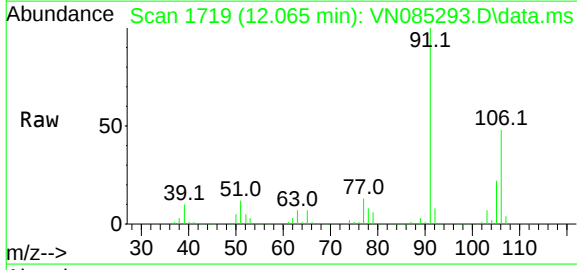




#68
m/p-Xylenes
Concen: 62.574 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

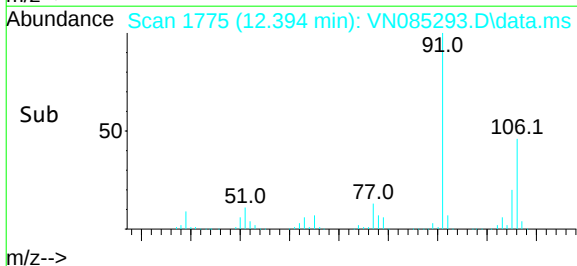
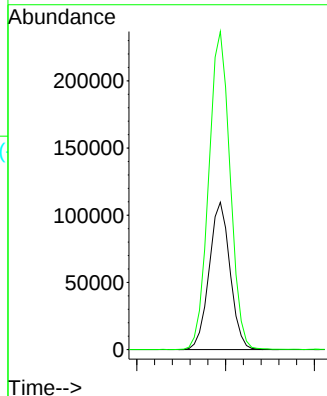
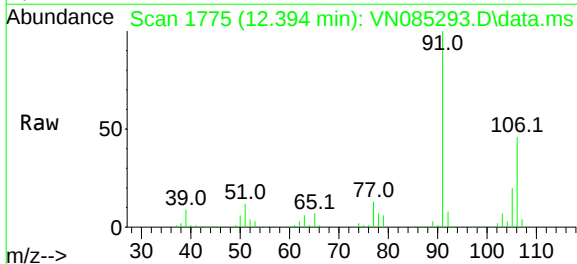
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-M

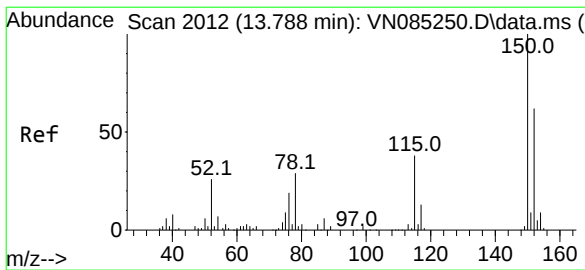
Tgt Ion:106 Resp: 251704
Ion Ratio Lower Upper
106 100
91 206.4 168.3 252.5



#69
o-Xylene
Concen: 47.386 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

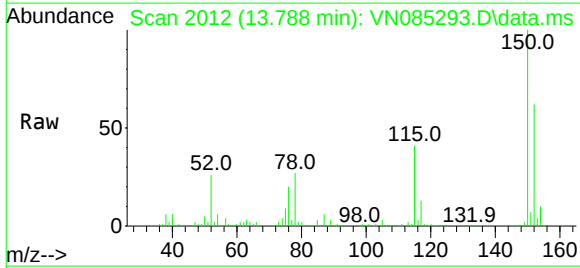
Tgt Ion:106 Resp: 179166
Ion Ratio Lower Upper
106 100
91 220.8 112.1 336.2



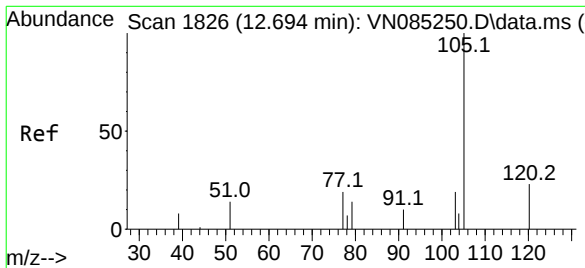
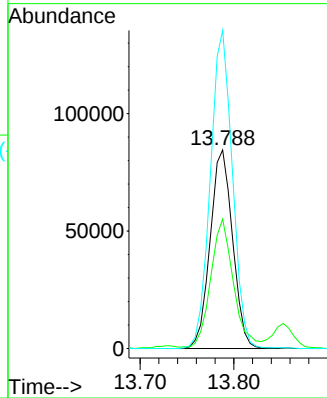
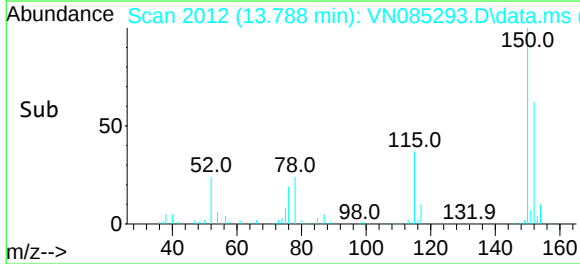


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

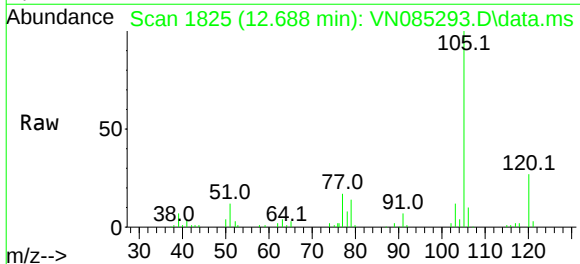
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-1-M



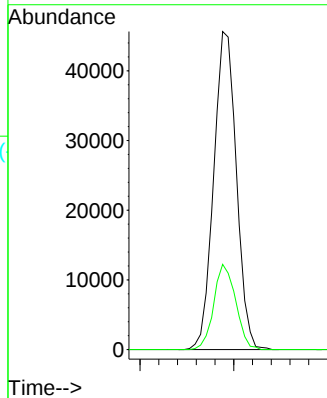
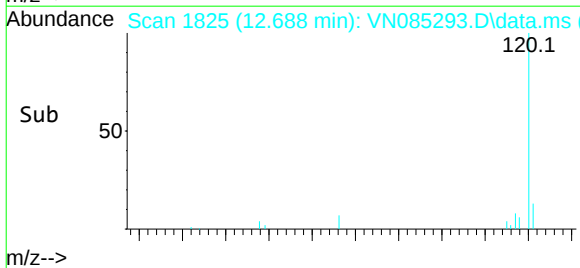
Tgt Ion:152 Resp: 140716
Ion Ratio Lower Upper
152 100
115 64.7 32.1 96.3
150 157.0 0.0 354.6

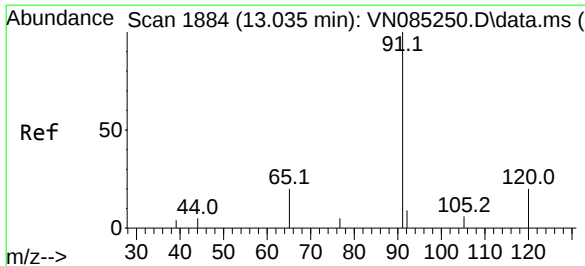


#73
Isopropylbenzene
Concen: 7.557 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50



Tgt Ion:105 Resp: 76715
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9





#78

n-propylbenzene

Concen: 2.211 ug/l

RT: 13.029 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

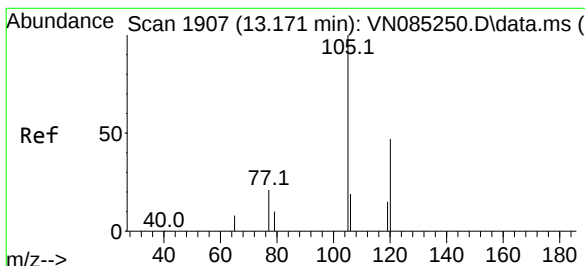
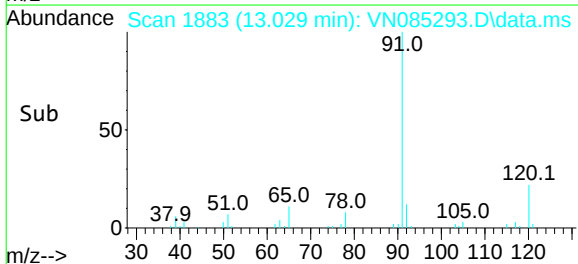
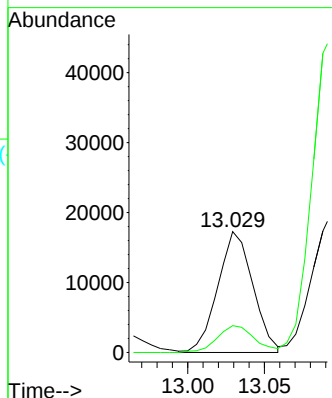
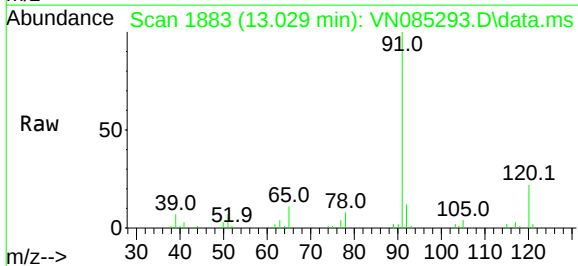
SPLP-C10-1-M

Tgt Ion: 91 Resp: 27522

Ion Ratio Lower Upper

91 100

120 23.7 10.8 32.3



#80

1,3,5-Trimethylbenzene

Concen: 8.301 ug/l

RT: 13.165 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VN085293.D

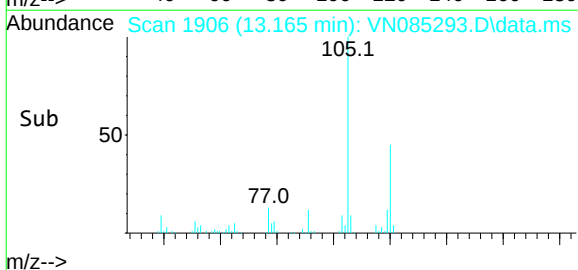
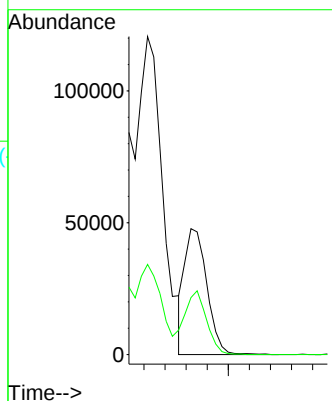
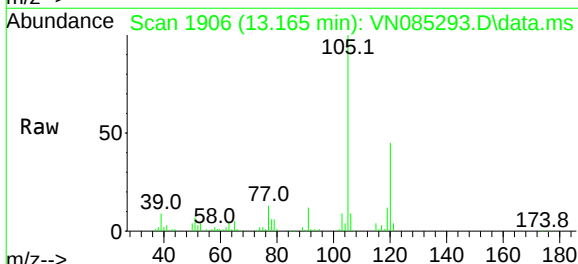
Acq: 23 Dec 2024 14:50

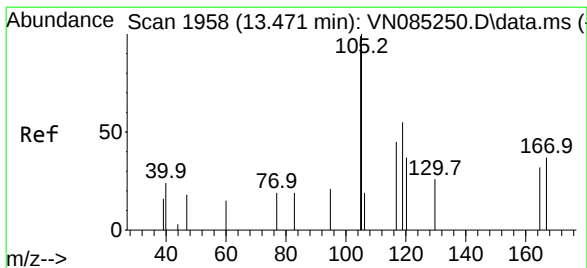
Tgt Ion:105 Resp: 70286

Ion Ratio Lower Upper

105 100

120 51.6 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 31.845 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

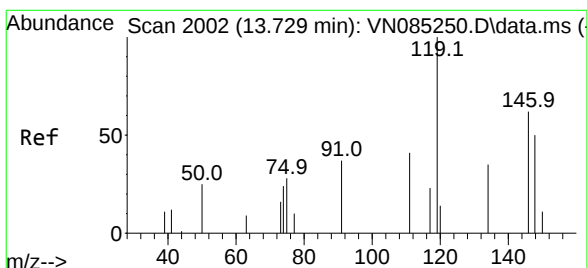
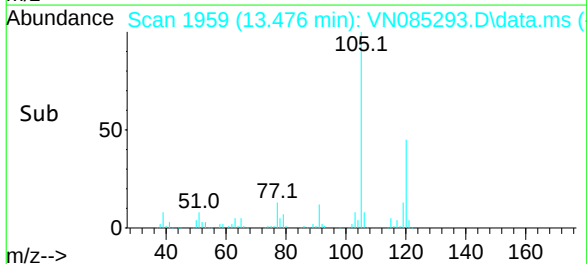
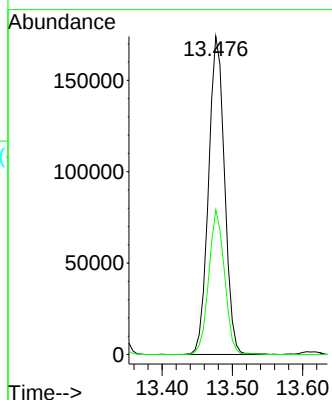
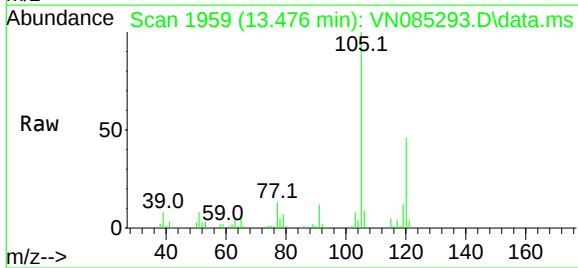
SPLP-C10-1-M

Tgt Ion:105 Resp: 275610

Ion Ratio Lower Upper

105 100

120 44.7 21.8 65.3



#86

p-Isopropyltoluene

Concen: 3.319 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085293.D

Acq: 23 Dec 2024 14:50

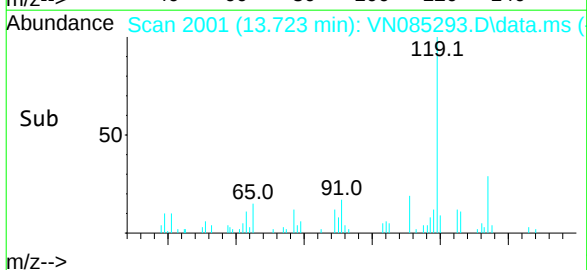
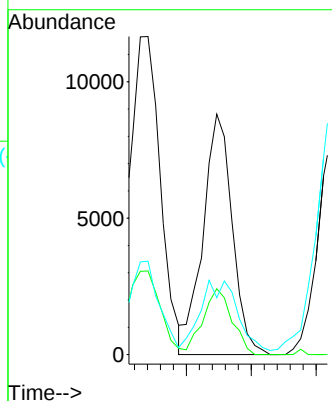
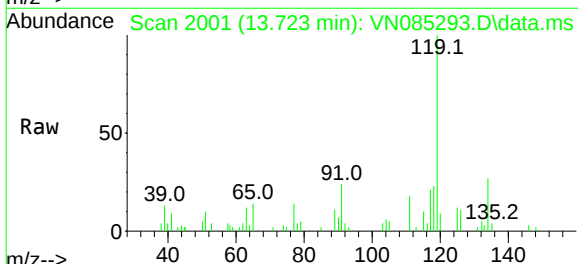
Tgt Ion:119 Resp: 13825

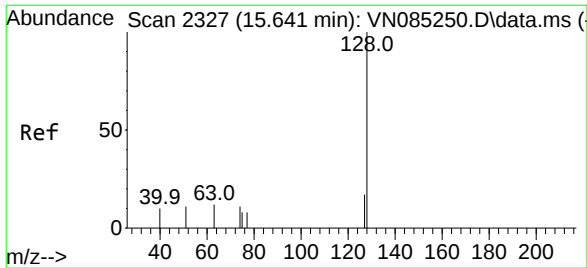
Ion Ratio Lower Upper

119 100

134 26.8 12.5 37.5

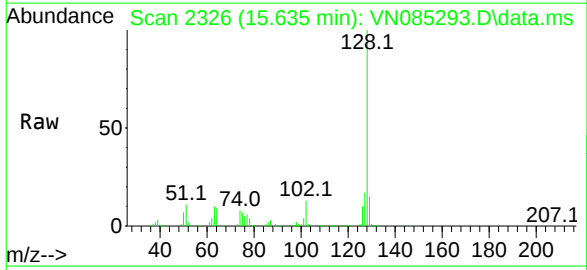
91 0.0 13.0 38.9#





#95
Naphthalene
Concen: 2415.461 ug/l
RT: 15.635 min Scan# 23
Delta R.T. -0.006 min
Lab File: VN085293.D
Acq: 23 Dec 2024 14:50

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



Tgt Ion:128 Resp:18692323

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.3	15.5
129	12.3	8.6	13.0

