

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085296.D
 Acq On : 23 Dec 2024 16:01
 Operator : JC\MD
 Sample : P5371-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-1-M

Quant Time: Dec 24 04:12:01 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)

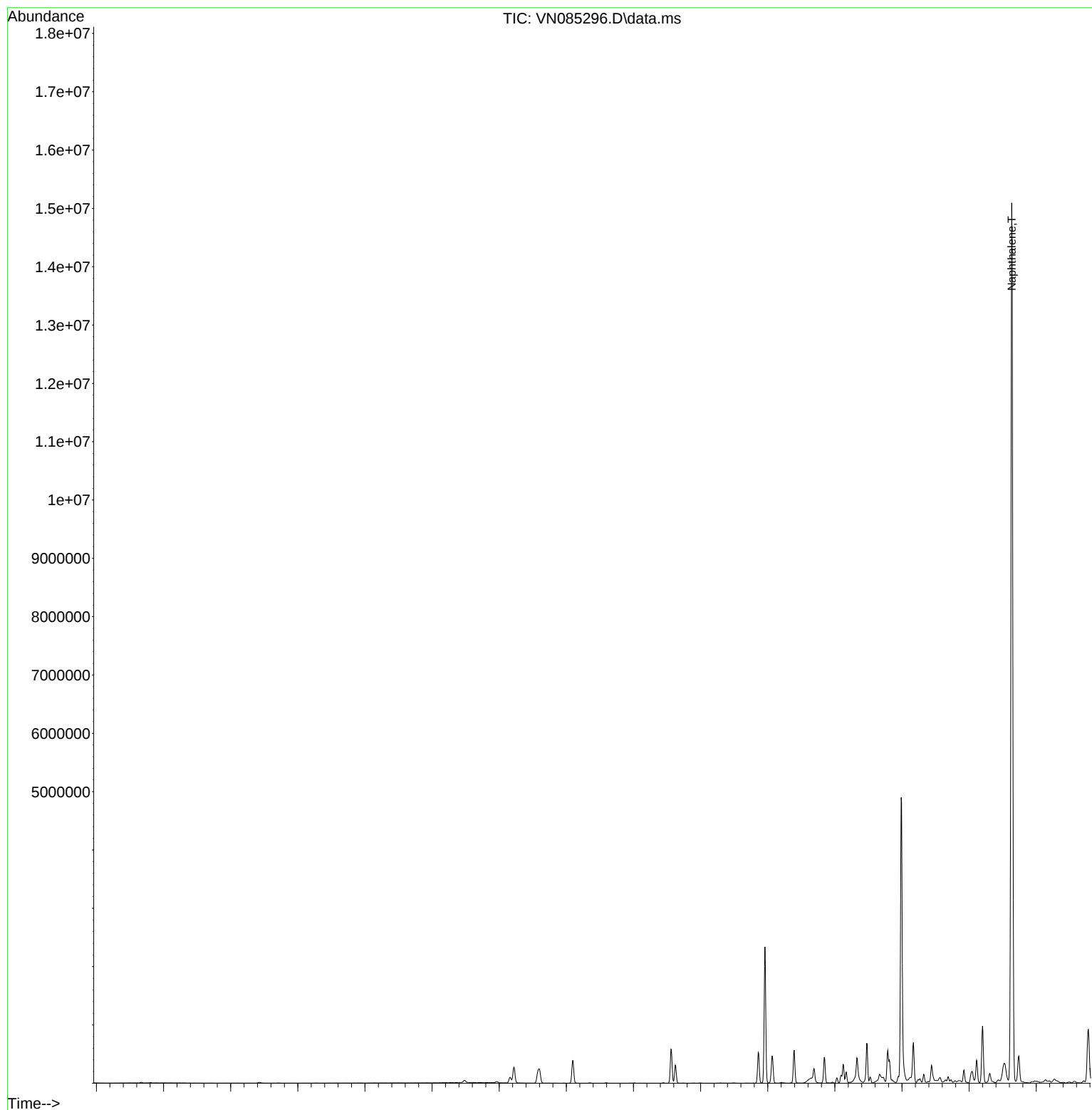
Internal Standards						
1) Pentafluorobenzene	8.218	168	190171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	292239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133303	40.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.200%		
35) Dibromofluoromethane	8.159	113	71661	30.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	61.060%#		
50) Toluene-d8	10.559	98	405728	47.296	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.600%		
62) 4-Bromofluorobenzene	12.841	95	150328	49.063	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.120%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	24536	21.385	ug/l #	88
27) cis-1,2-Dichloroethene	7.482	96	19158	6.876	ug/l	85
30) Chloroform	7.965	83	17662	3.560	ug/l	95
40) Benzene	8.600	78	201702	19.839	ug/l	97
44) Trichloroethene	9.359	130	2988	1.320	ug/l	65
52) Toluene	10.623	92	130890	21.411	ug/l	99
67) Ethyl Benzene	11.959	91	1676496	148.895	ug/l	98
68) m/p-Xylenes	12.070	106	151797	36.046	ug/l	96
69) o-Xylene	12.394	106	152990	38.651	ug/l	96
73) Isopropylbenzene	12.688	105	134451	13.719	ug/l	99
78) n-propylbenzene	13.029	91	70098	5.832	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	101910	12.467	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	381223	45.624	ug/l	98
86) p-Isopropyltoluene	13.723	119	19240	3.924	ug/l #	70
95) Naphthalene	15.635	128	13240403	1772.146	ug/l	99

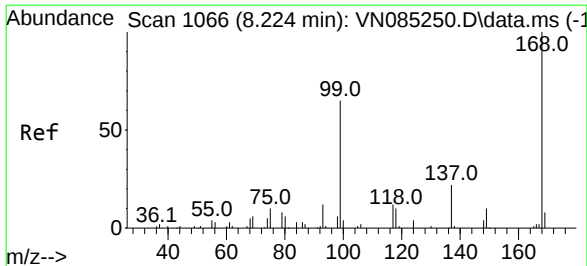
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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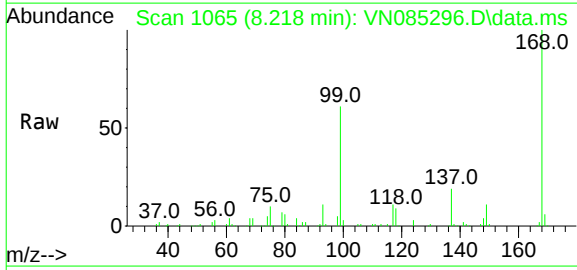
Quant Time: Dec 24 04:12:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
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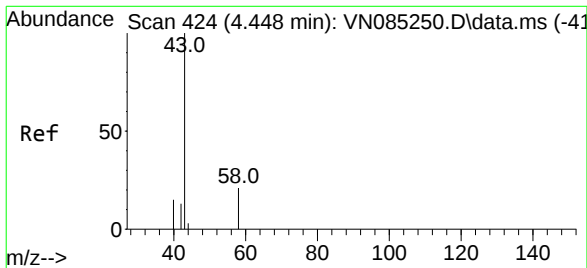
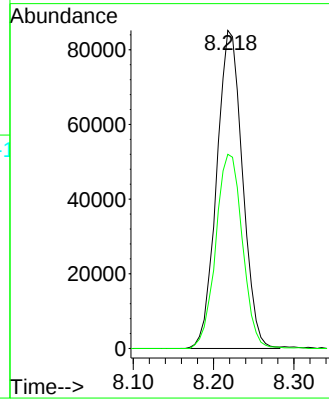
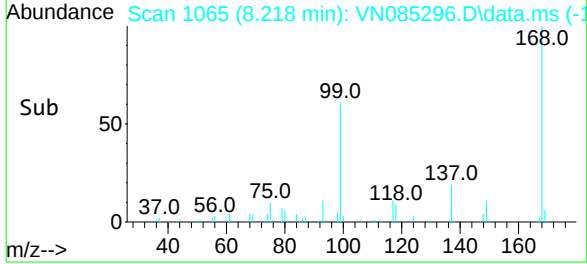


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

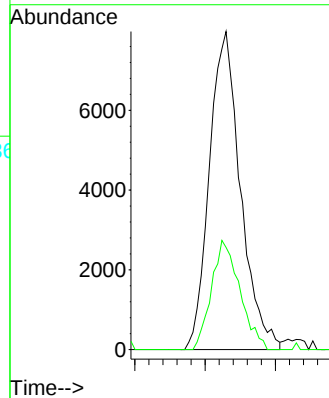
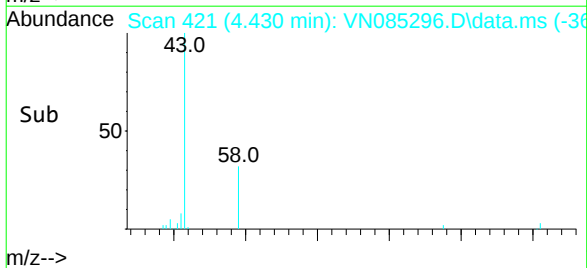
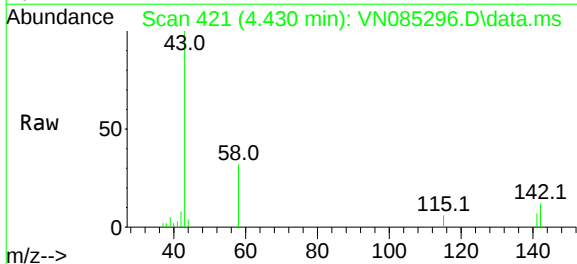


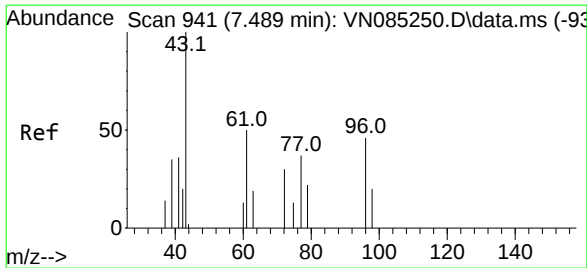
Tgt Ion:168 Resp: 190171
Ion Ratio Lower Upper
168 100
99 61.1 50.7 76.1



#16
Acetone
Concen: 21.385 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Tgt Ion: 43 Resp: 24536
Ion Ratio Lower Upper
43 100
58 32.1 20.8 31.2#

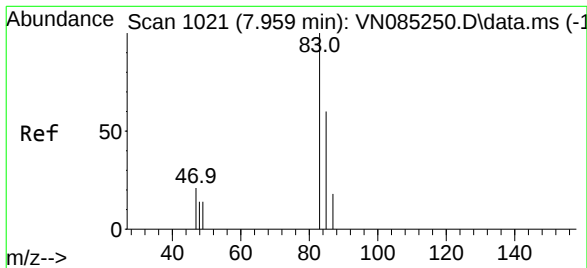
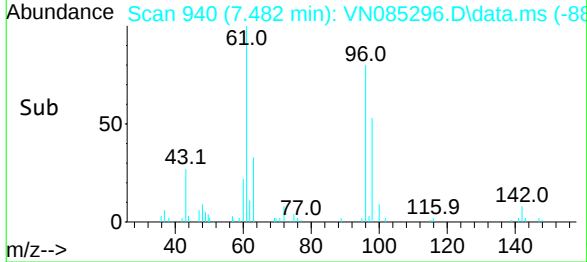
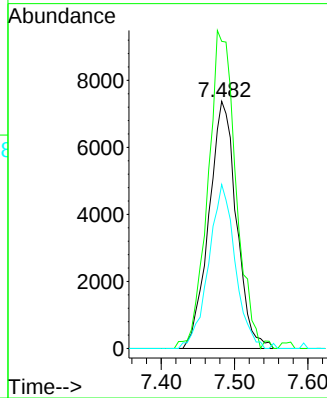
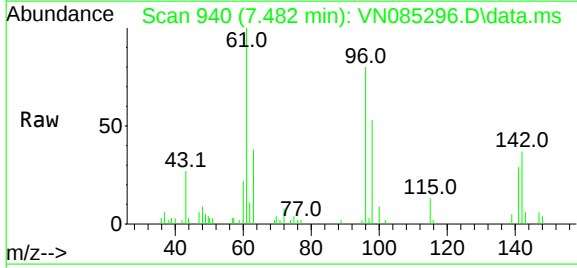




#27
 cis-1,2-Dichloroethene
 Concen: 6.876 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN085296.D
 Acq: 23 Dec 2024 16:01

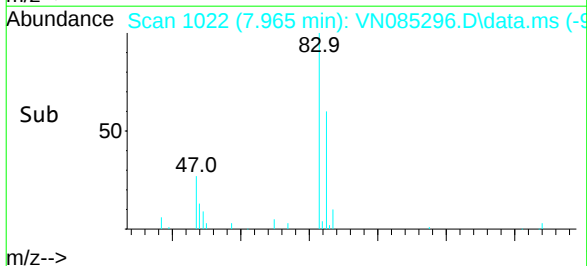
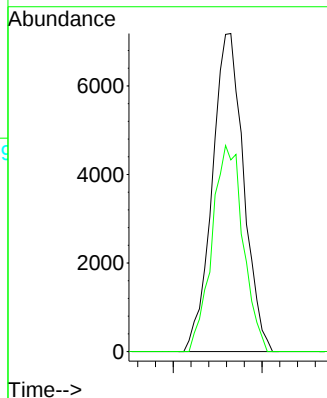
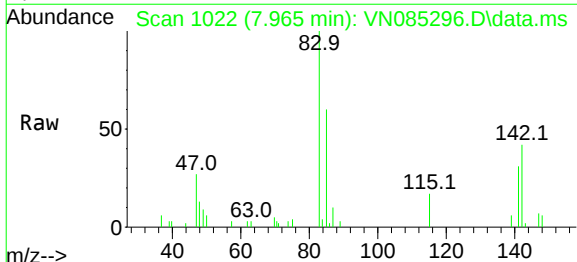
Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-1-M

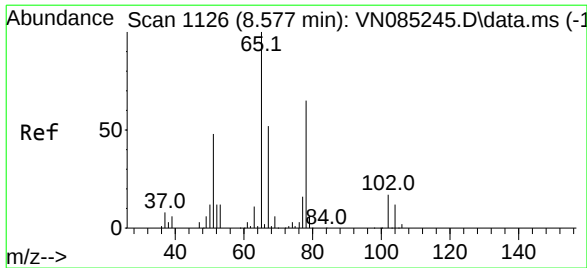
Tgt Ion:	96	Resp:	19158
Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	316.4
98	64.1	0.0	125.4



#30
 Chloroform
 Concen: 3.560 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN085296.D
 Acq: 23 Dec 2024 16:01

Tgt Ion:	83	Resp:	17662
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.4	77.0

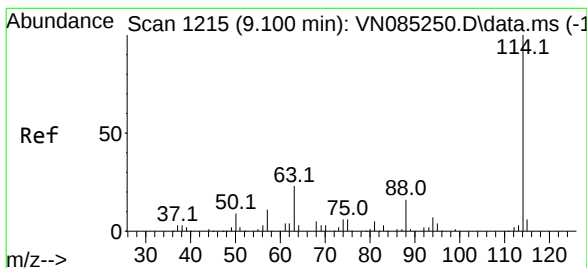
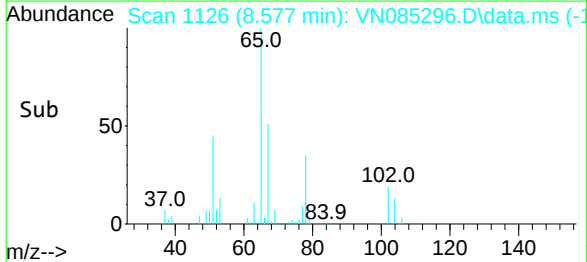
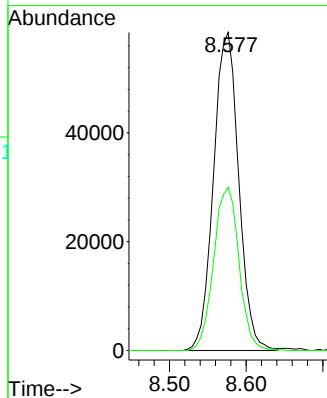
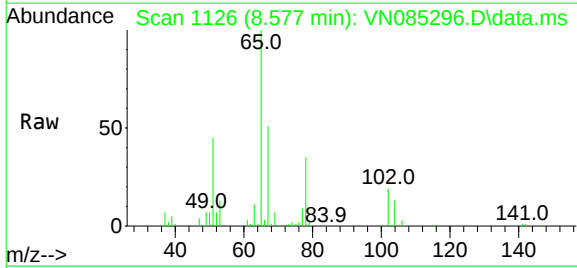




#33
1,2-Dichloroethane-d4
Concen: 40.104 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

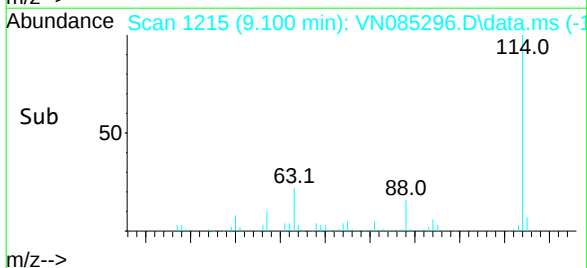
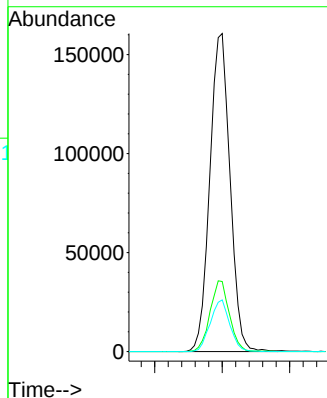
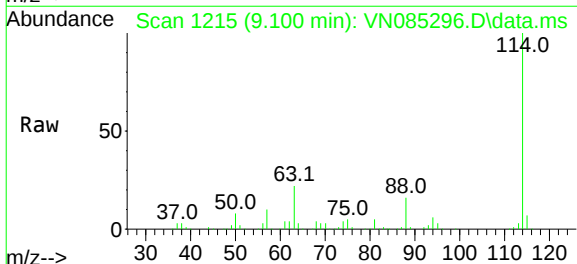
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

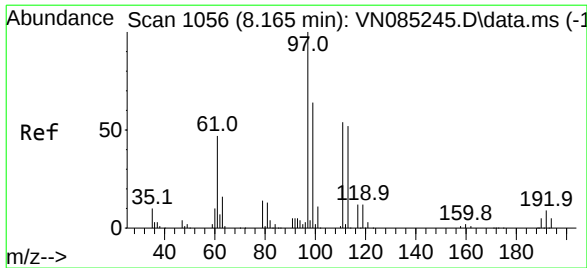
Tgt Ion: 65 Resp: 133303
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

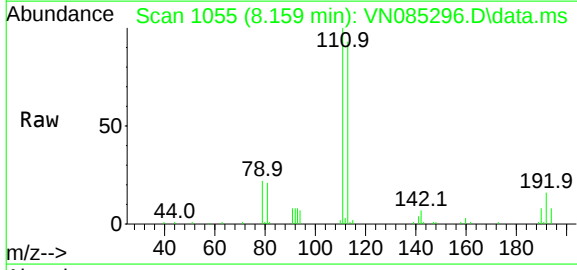
Tgt Ion: 114 Resp: 333838
Ion Ratio Lower Upper
114 100
63 22.0 0.0 46.2
88 16.3 0.0 32.6



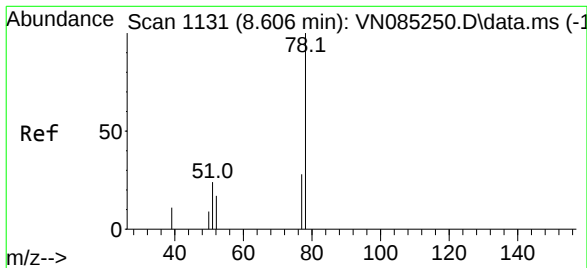
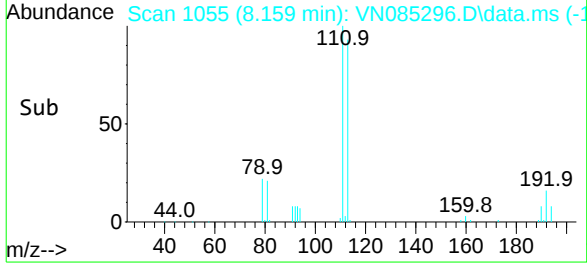
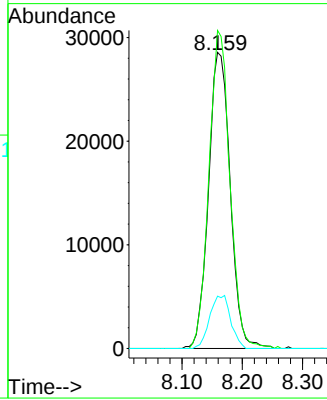


#35
Dibromofluoromethane
Concen: 30.532 ug/l
RT: 8.159 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

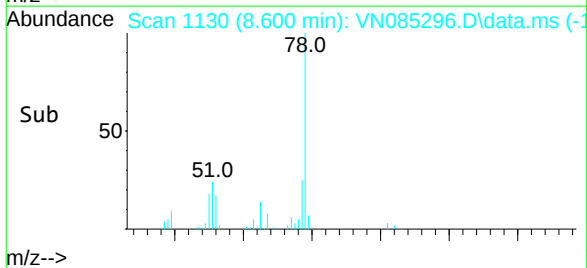
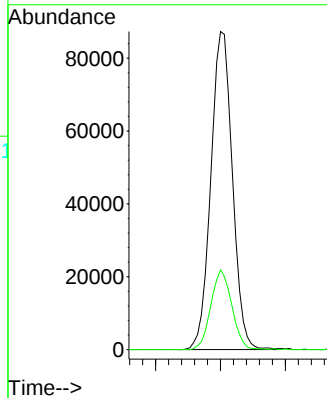
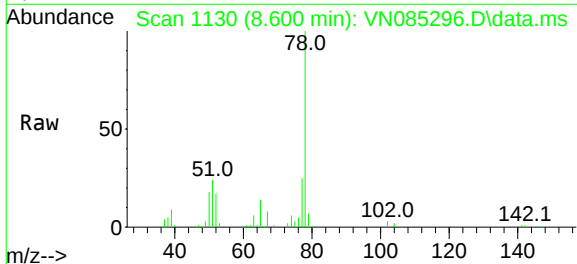


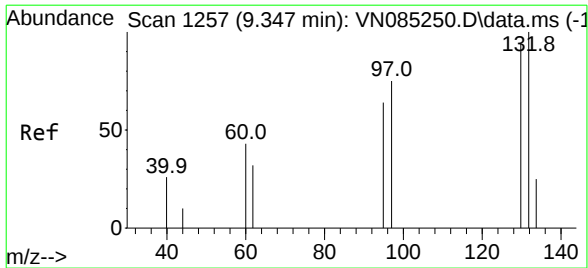
Tgt Ion:113 Resp: 71661
Ion Ratio Lower Upper
113 100
111 103.5 82.1 123.1
192 17.2 13.4 20.0



#40
Benzene
Concen: 19.839 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Tgt Ion: 78 Resp: 201702
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3





#44

Trichloroethene

Concen: 1.320 ug/l

RT: 9.359 min Scan# 12

Delta R.T. 0.012 min

Lab File: VN085296.D

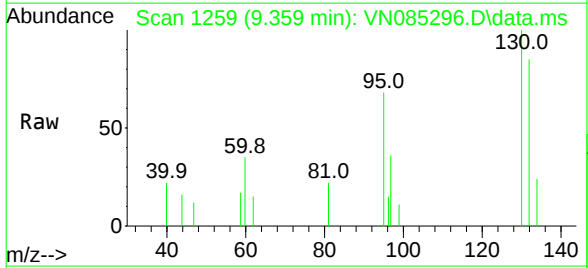
Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C11-1-M

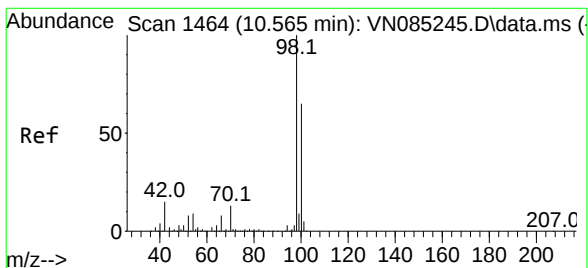
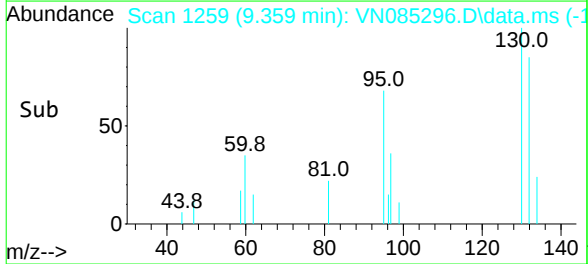
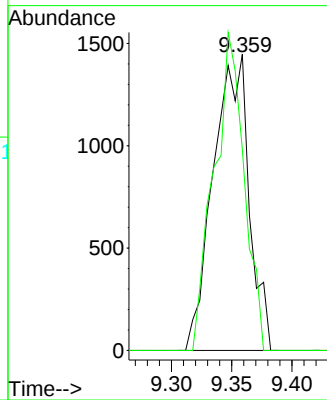


Tgt Ion:130 Resp: 2988

Ion Ratio Lower Upper

130 100

95 67.9 0.0 207.6



#50

Toluene-d8

Concen: 47.296 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085296.D

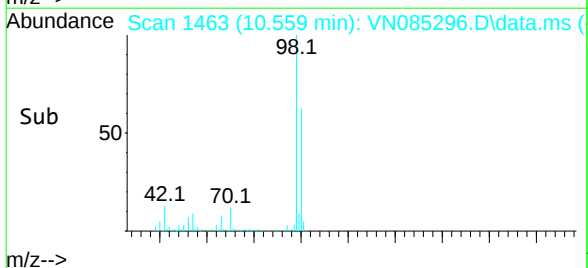
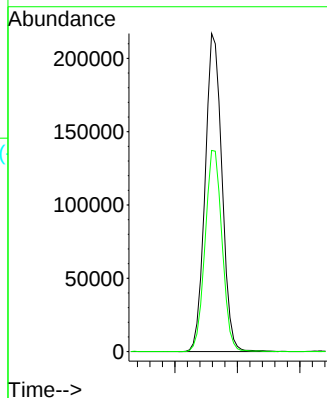
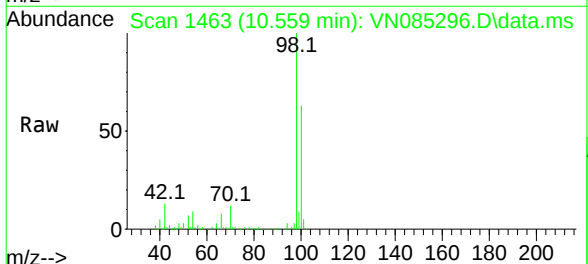
Acq: 23 Dec 2024 16:01

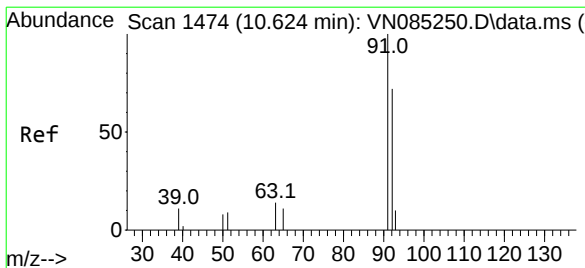
Tgt Ion: 98 Resp: 405728

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4





#52

Toluene

Concen: 21.411 ug/l

RT: 10.623 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

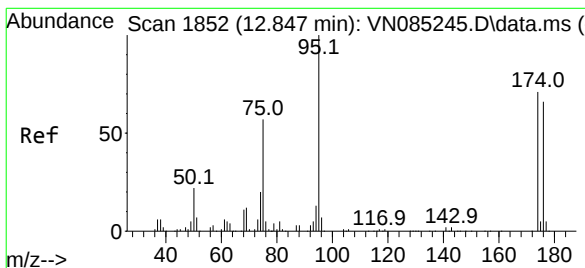
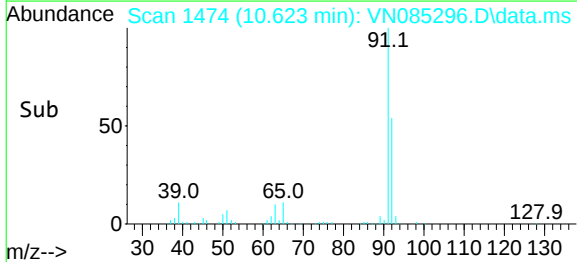
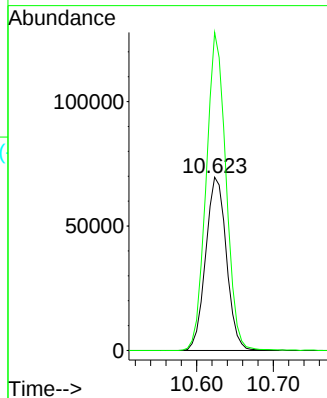
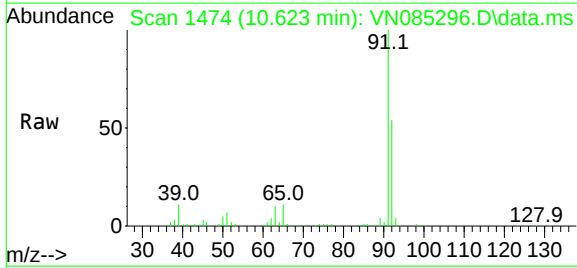
SPLP-C11-1-M

Tgt Ion: 92 Resp: 130890

Ion Ratio Lower Upper

92 100

91 175.5 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 49.063 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

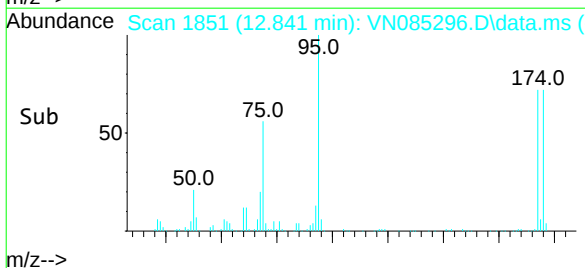
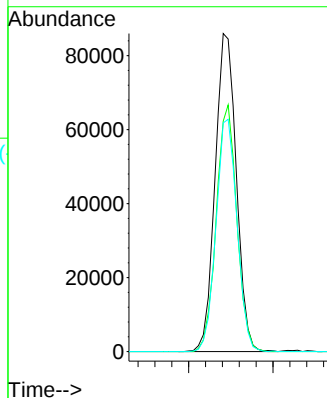
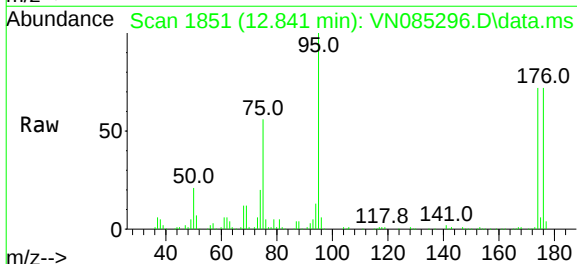
Tgt Ion: 95 Resp: 150328

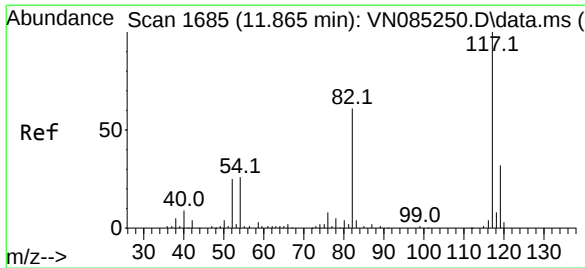
Ion Ratio Lower Upper

95 100

174 74.8 0.0 144.4

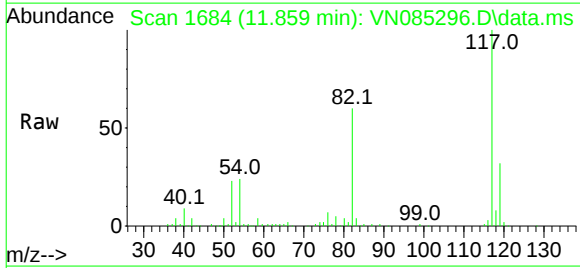
176 72.2 0.0 136.6



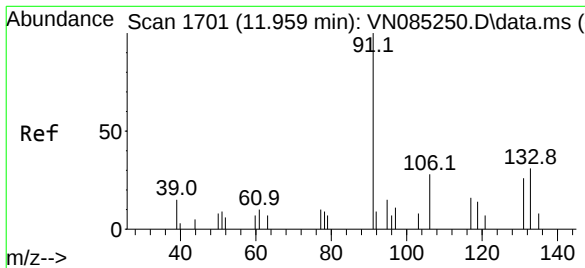
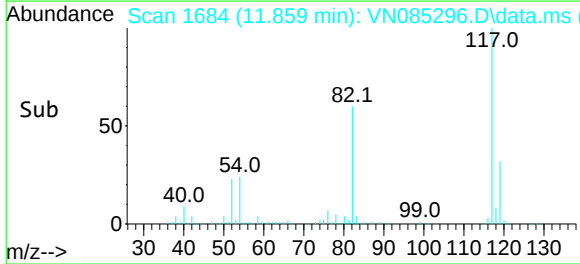
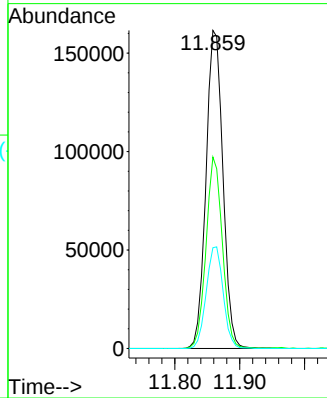


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

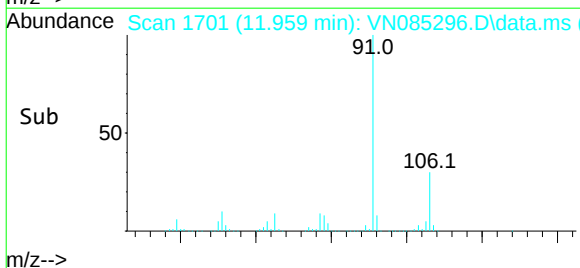
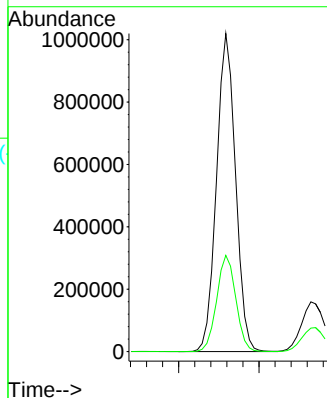
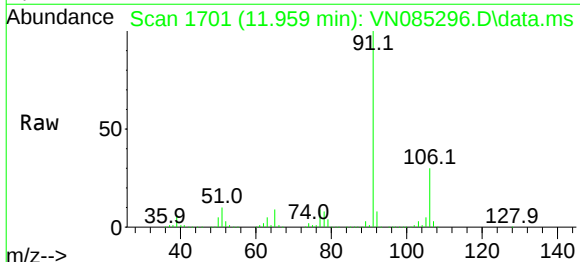


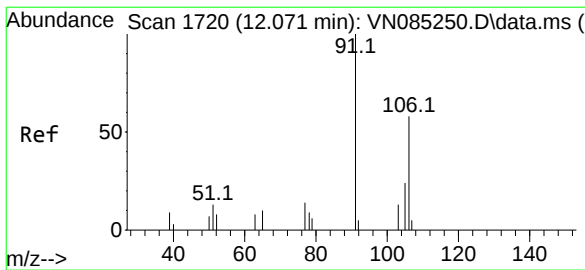
Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.4	71.2
119	31.7	25.6	38.4



#67
Ethyl Benzene
Concen: 148.895 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	23.5	35.3

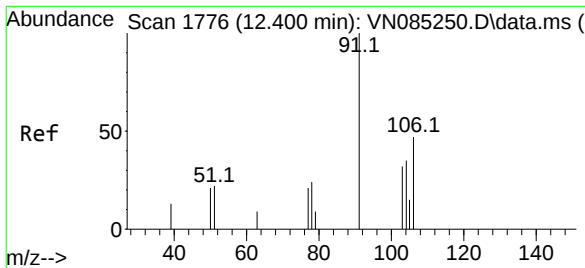
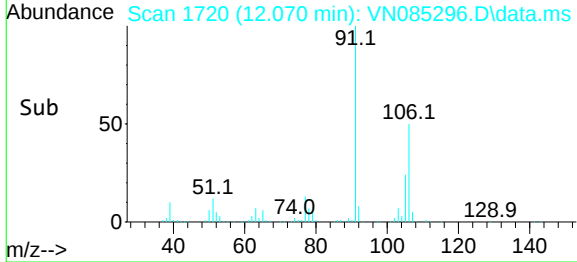
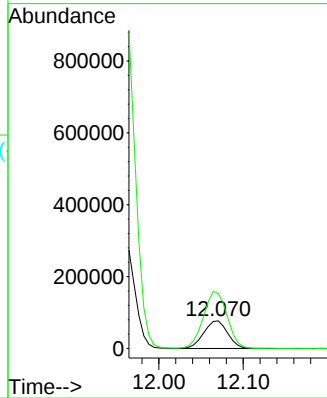
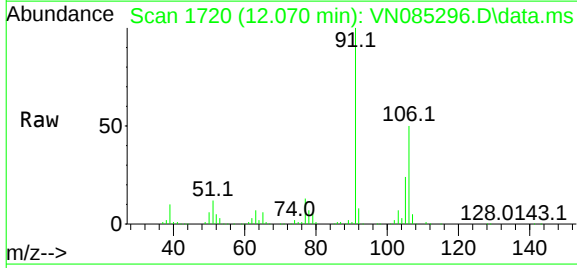




#68
m/p-Xylenes
Concen: 36.046 ug/l
RT: 12.070 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

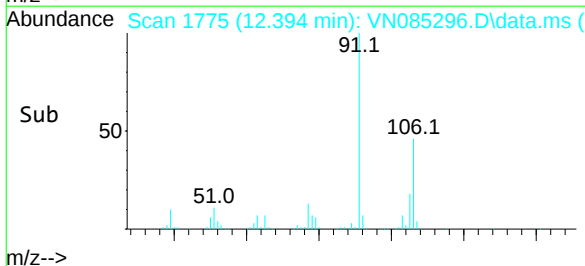
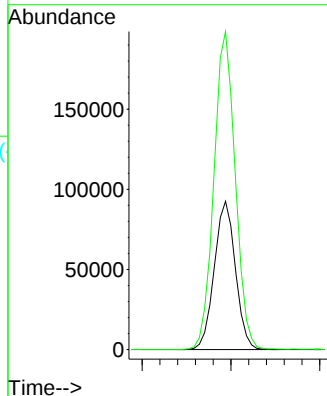
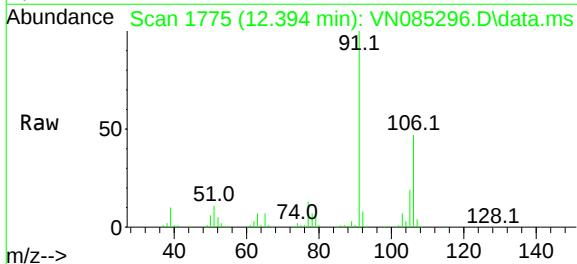
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

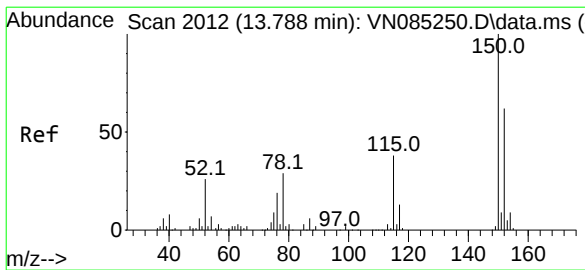
Tgt Ion:106 Resp: 151797
Ion Ratio Lower Upper
106 100
91 203.8 168.3 252.5



#69
o-Xylene
Concen: 38.651 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

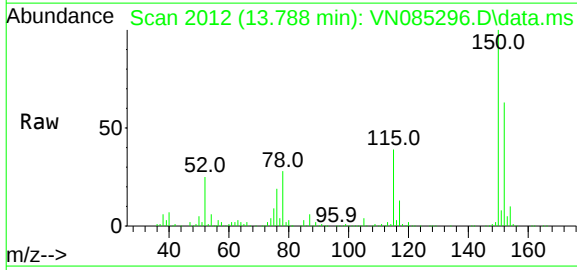
Tgt Ion:106 Resp: 152990
Ion Ratio Lower Upper
106 100
91 216.8 112.1 336.2



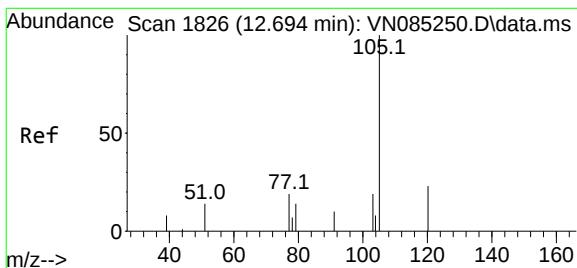
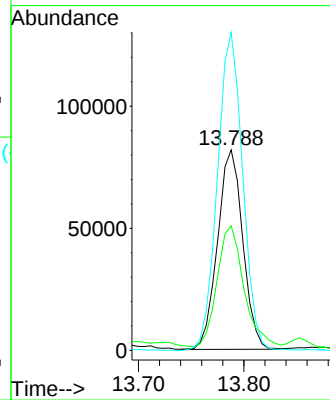
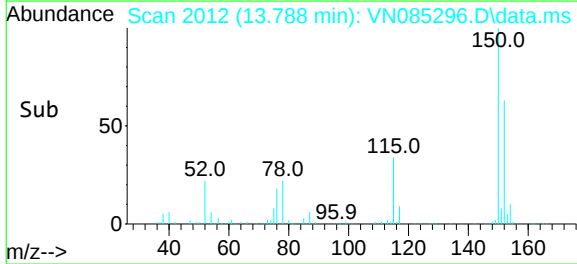


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C11-1-M

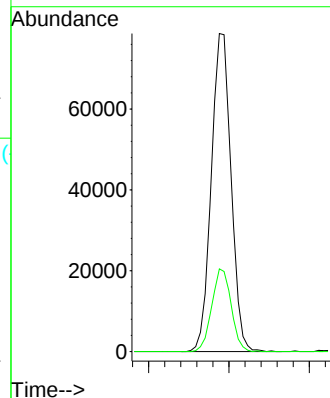
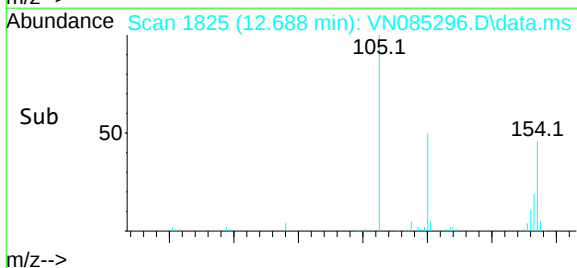
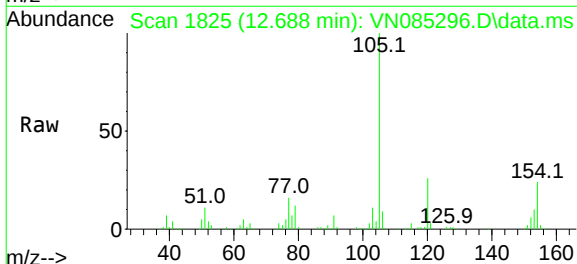


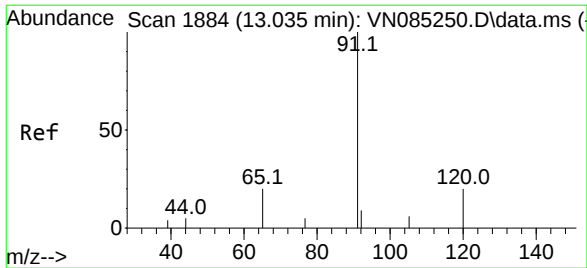
Tgt Ion:152 Resp: 135857
Ion Ratio Lower Upper
152 100
115 64.4 32.1 96.3
150 160.0 0.0 354.6



#73
Isopropylbenzene
Concen: 13.719 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN085296.D
Acq: 23 Dec 2024 16:01

Tgt Ion:105 Resp: 134451
Ion Ratio Lower Upper
105 100
120 25.5 13.0 38.9





#78

n-propylbenzene

Concen: 5.832 ug/l

RT: 13.029 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

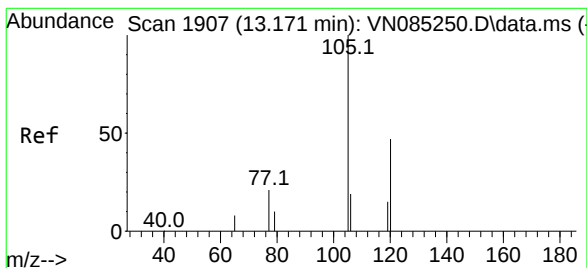
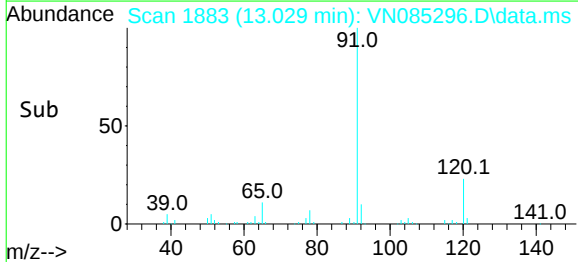
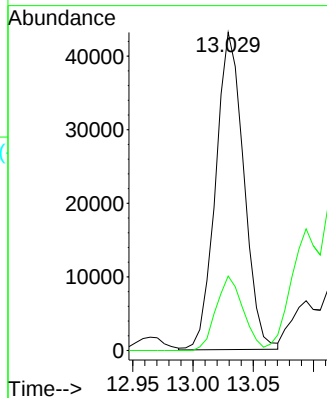
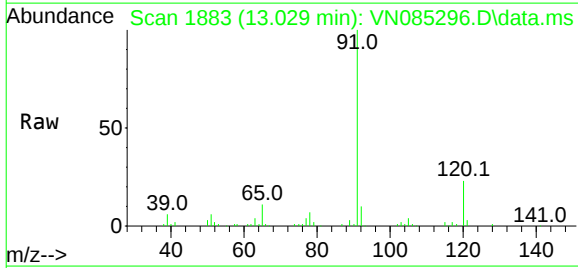
SPLP-C11-1-M

Tgt Ion: 91 Resp: 70098

Ion Ratio Lower Upper

91 100

120 22.5 10.8 32.3



#80

1,3,5-Trimethylbenzene

Concen: 12.467 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085296.D

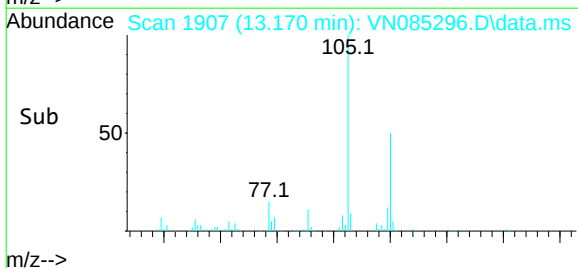
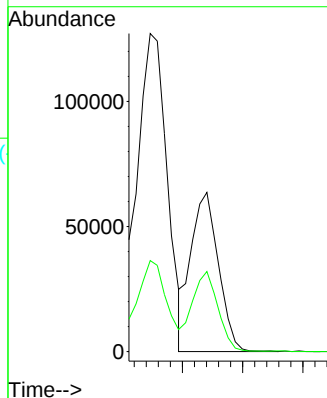
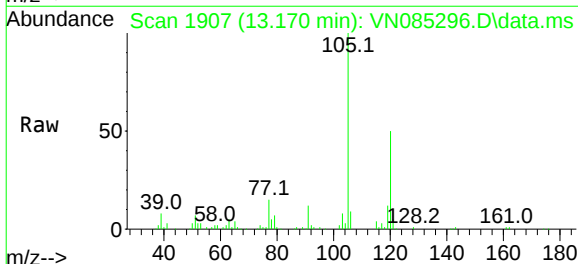
Acq: 23 Dec 2024 16:01

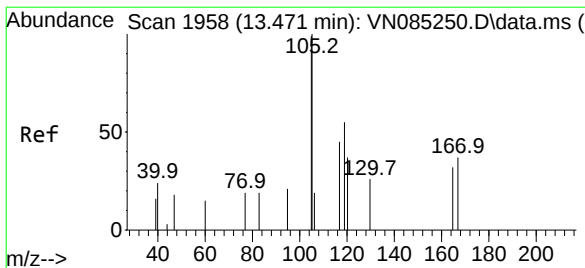
Tgt Ion:105 Resp: 101910

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.2





#84

1,2,4-Trimethylbenzene

Concen: 45.624 ug/l

RT: 13.476 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

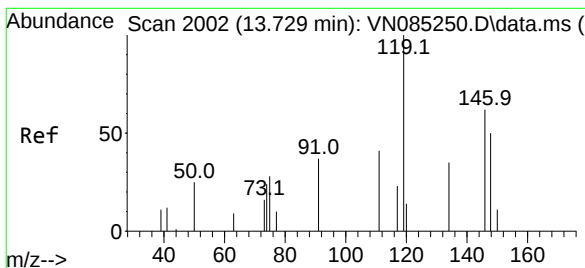
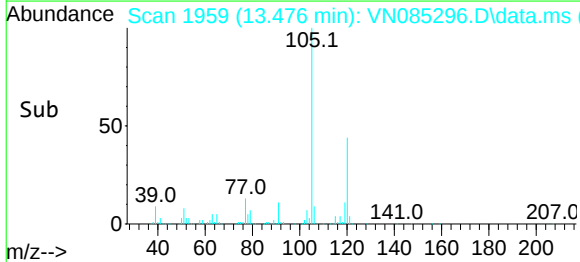
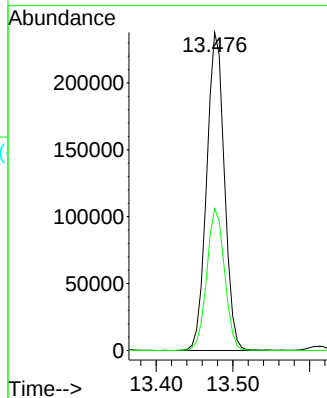
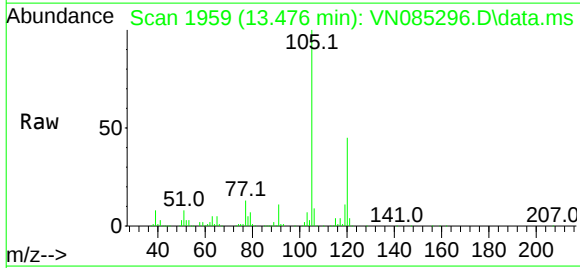
SPLP-C11-1-M

Tgt Ion:105 Resp: 381223

Ion Ratio Lower Upper

105 100

120 44.9 21.8 65.3



#86

p-Isopropyltoluene

Concen: 3.924 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085296.D

Acq: 23 Dec 2024 16:01

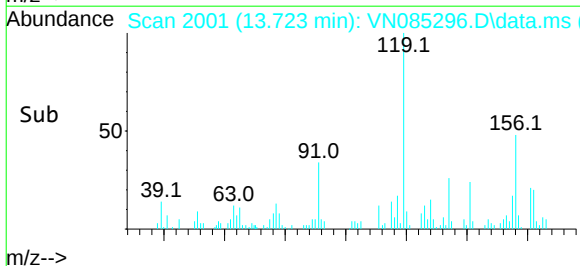
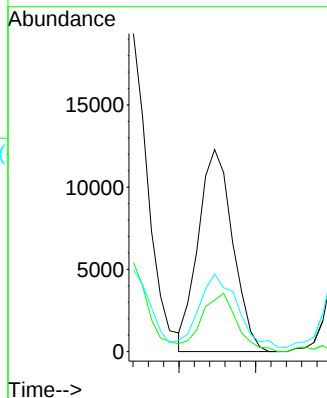
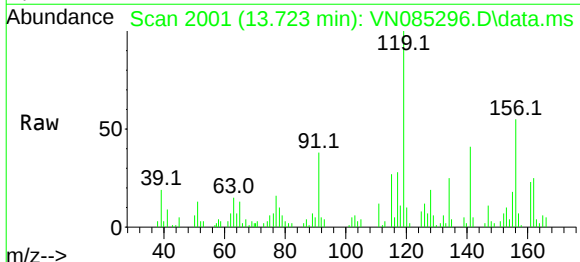
Tgt Ion:119 Resp: 19240

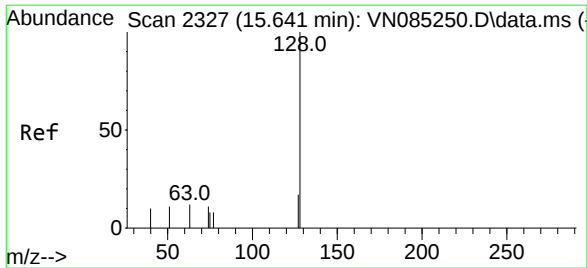
Ion Ratio Lower Upper

119 100

134 29.2 12.5 37.5

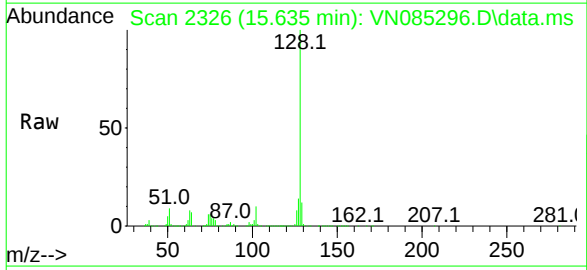
91 0.0 13.0 38.9#





Naphthalene
 Concen: 1772.146 ug/l
 RT: 15.635 min Scan# 23
 Delta R.T. -0.006 min
 Lab File: VN085296.D
 Acq: 23 Dec 2024 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C11-1-M



Tgt Ion:128 Resp:13240403

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.3	8.6	13.0

