

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084839.D
 Acq On : 13 Nov 2024 20:23
 Operator : JC\MD
 Sample : P4792-02 20X
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DIESLE-DRUM

Quant Time: Nov 14 00:43:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

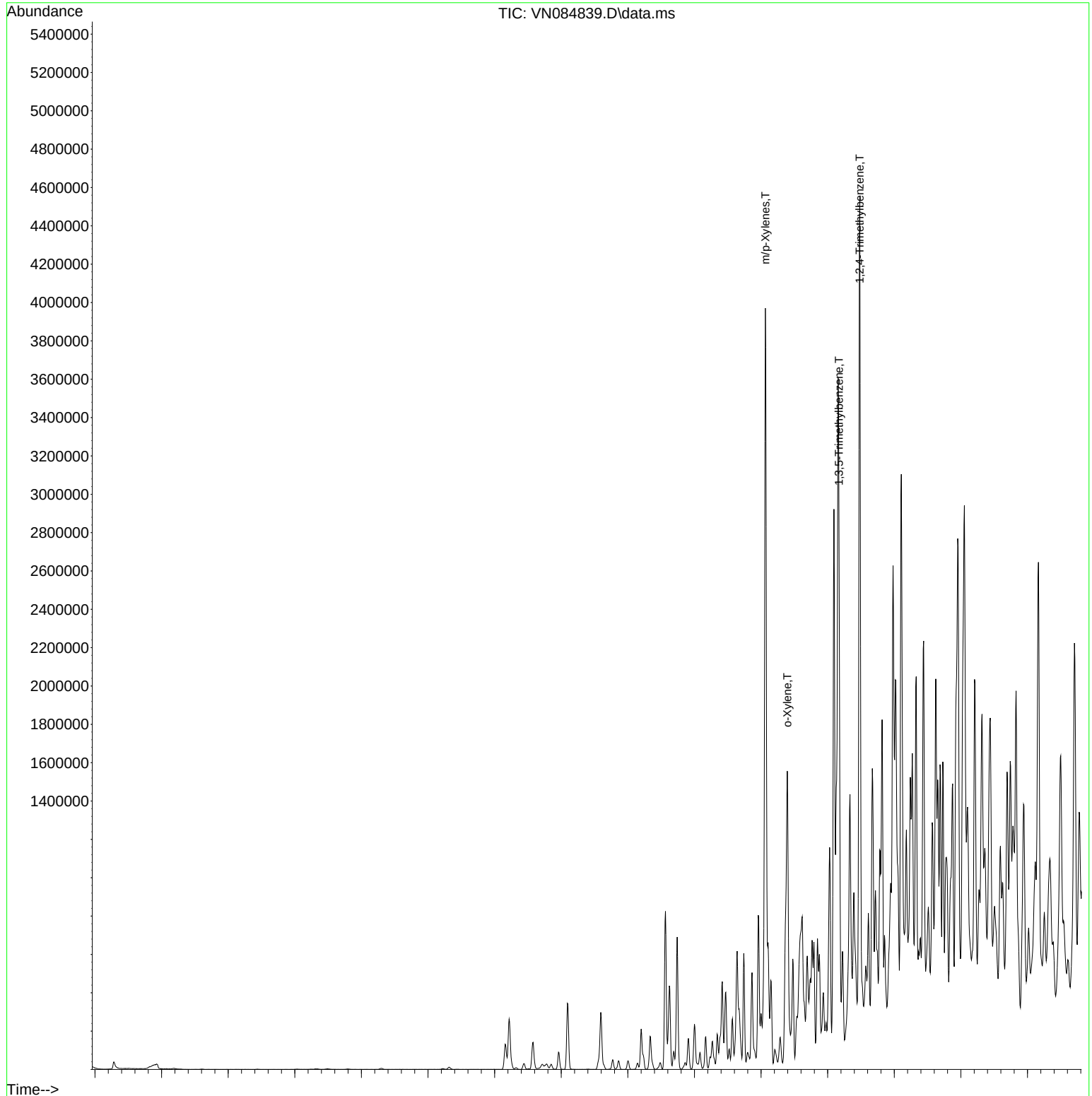
Internal Standards						
1) Pentafluorobenzene	8.218	168	174582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	305470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	117514	46.604	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.200%		
35) Dibromofluoromethane	8.159	113	95028	45.959	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.920%		
50) Toluene-d8	10.565	98	378247	49.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.320%		
62) 4-Bromofluorobenzene	12.847	95	161585	56.765	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	113.520%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.594	83	124534	42.689	ug/l	99
40) Benzene	8.606	78	10056	1.092	ug/l	93
52) Toluene	10.629	92	189037	35.098	ug/l	97
55) 1,1,2-Trichloroethane	11.000	97	92043	45.368	ug/l #	21
56) Ethyl methacrylate	10.859	69	12209	4.160	ug/l #	76
59) 2-Hexanone	11.170	43	62266	34.490	ug/l #	29
67) Ethyl Benzene	11.959	91	522373	49.635	ug/l	99
68) m/p-Xylenes	12.065	106	700390	175.784	ug/l	98
69) o-Xylene	12.394	106	341704	91.676	ug/l	96
73) Isopropylbenzene	12.694	105	194334	18.919	ug/l	100
78) n-propylbenzene	13.035	91	641447	53.290	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	680077	79.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	2577721	293.363	ug/l	99
85) sec-Butylbenzene	13.611	105	278677	28.000	ug/l	85
86) p-Isopropyltoluene	13.729	119	163655	20.049	ug/l	100
89) n-Butylbenzene	14.053	91	357476	46.818	ug/l #	76
95) Naphthalene	15.635	128	252394	29.749	ug/l #	95

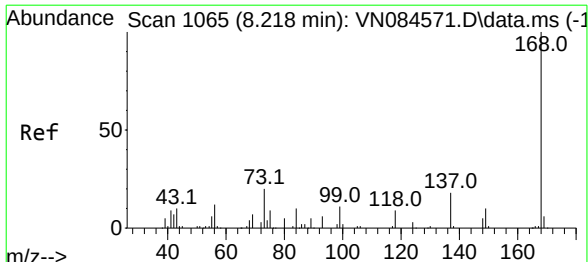
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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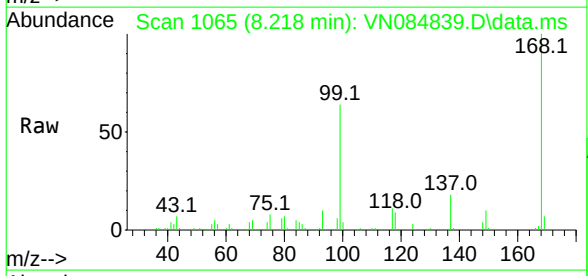
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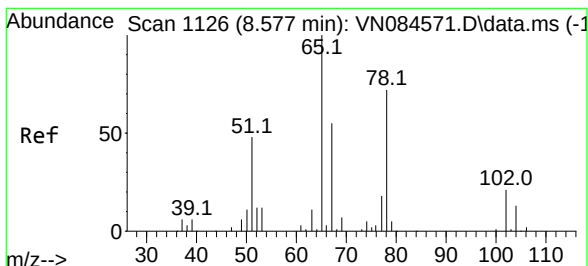
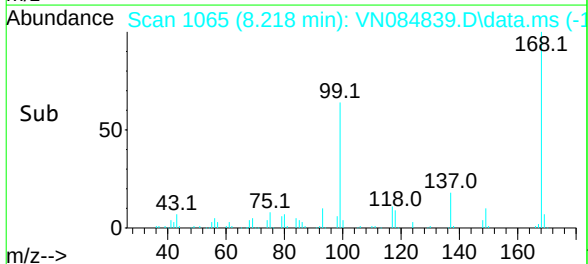
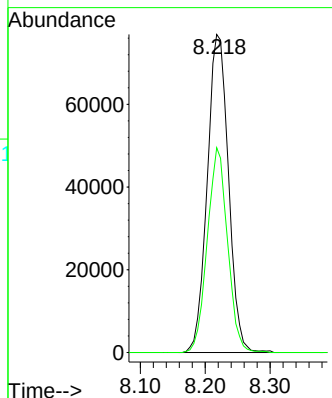


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.006 min
 Lab File: VN084839.D
 Acq: 13 Nov 2024 20:23

Instrument :
 MSVOA_N
 ClientSampleId :
 DIESLE-DRUM

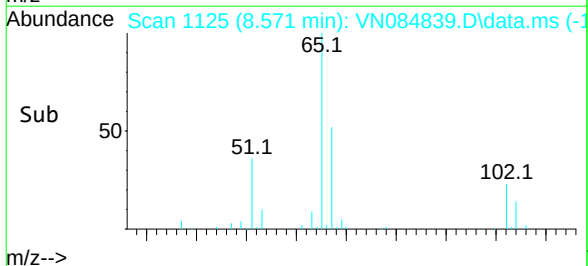
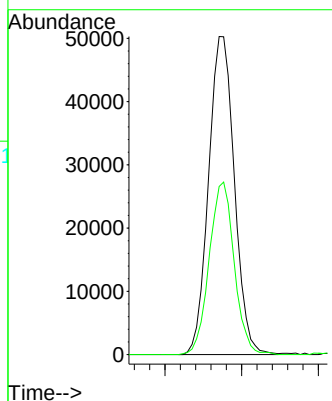
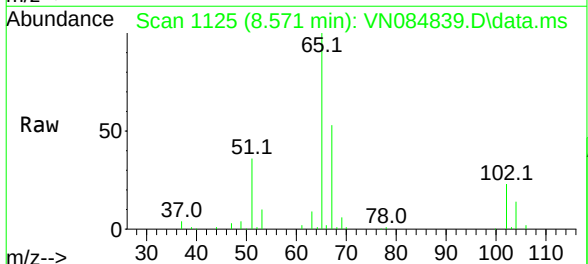


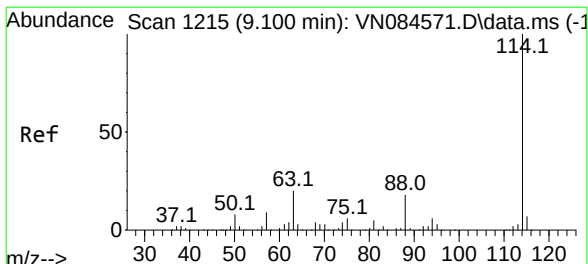
Tgt Ion: 168 Resp: 174582
 Ion Ratio Lower Upper
 168 100
 99 64.4 54.2 81.2



#33
 1,2-Dichloroethane-d4
 Concen: 46.604 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VN084839.D
 Acq: 13 Nov 2024 20:23

Tgt Ion: 65 Resp: 117514
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.0

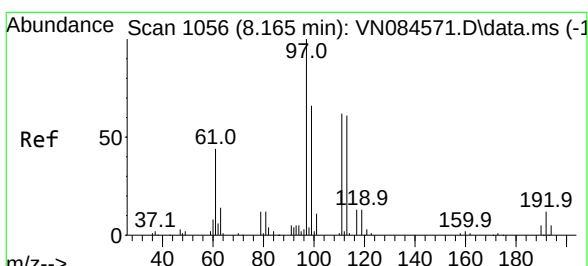
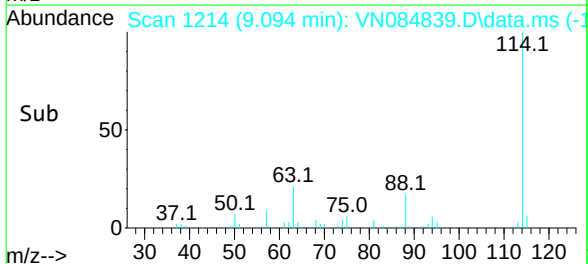
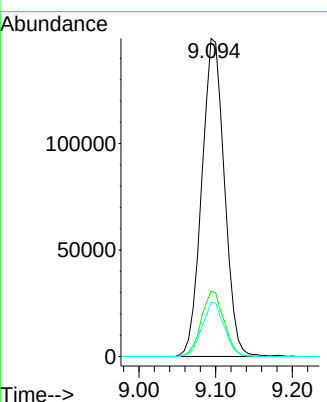
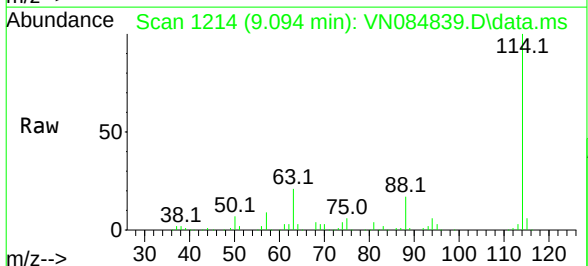




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084839.D
 Acq: 13 Nov 2024 20:23

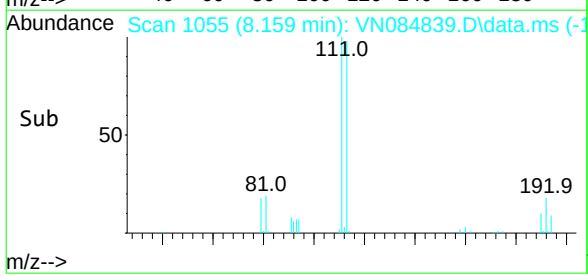
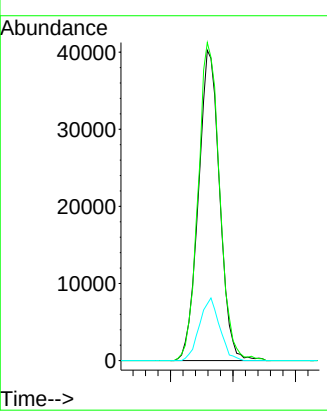
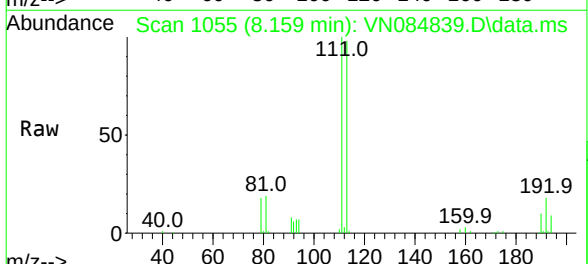
Instrument :
 MSVOA_N
 ClientSampleId :
 DIESLE-DRUM

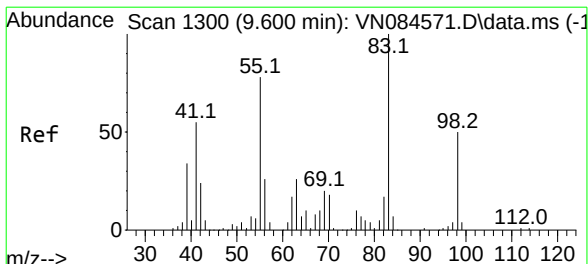
Tgt Ion:	114	Resp:	305470
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.8
88	17.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 45.959 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084839.D
 Acq: 13 Nov 2024 20:23

Tgt Ion:	113	Resp:	95028
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.3	124.9
192	19.2	13.5	20.3



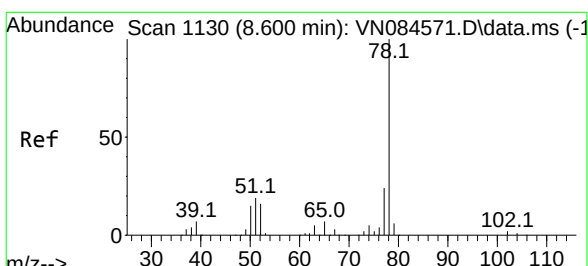
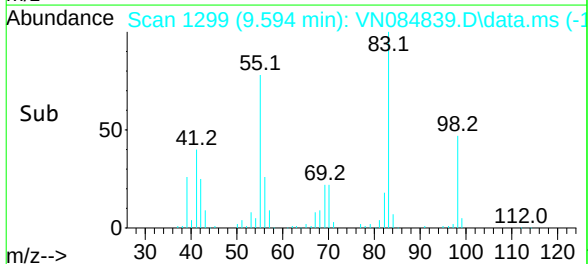
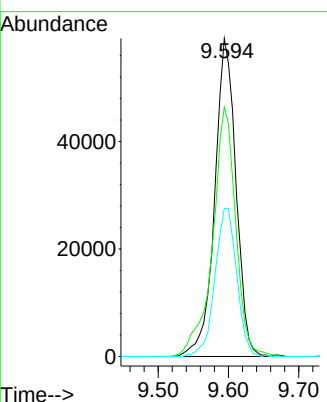
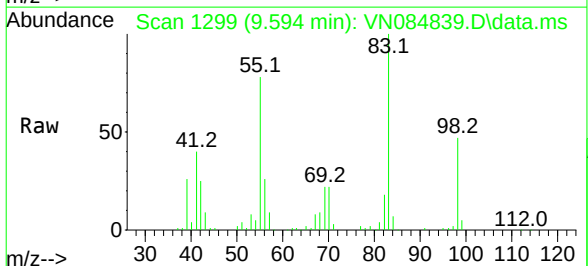


#39
Methylcyclohexane
Concen: 42.689 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084839.D
Acq: 13 Nov 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
DIESLE-DRUM

Tgt Ion: 83 Resp: 124534

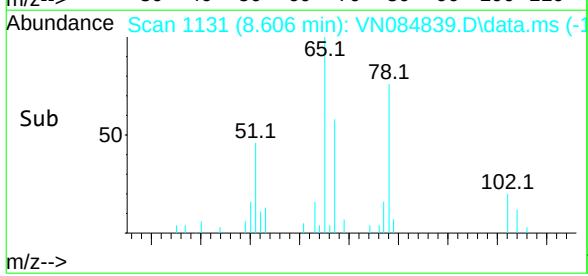
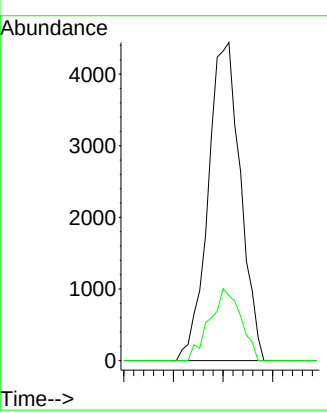
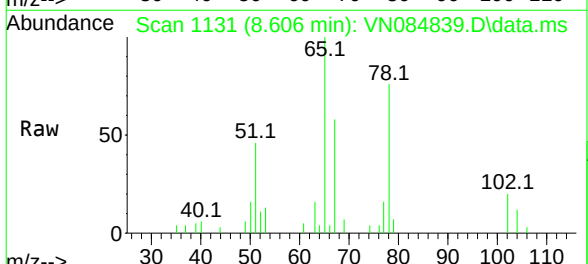
Ion	Ratio	Lower	Upper
83	100		
55	78.4	62.8	94.2
98	46.6	38.8	58.2

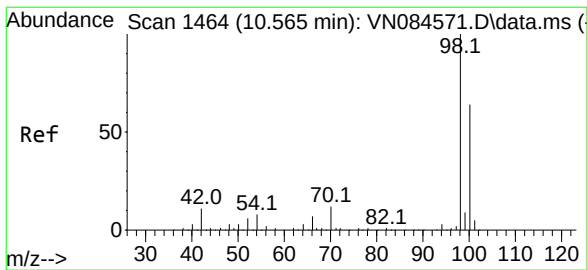


#40
Benzene
Concen: 1.092 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084839.D
Acq: 13 Nov 2024 20:23

Tgt Ion: 78 Resp: 10056

Ion	Ratio	Lower	Upper
78	100		
77	20.4	19.1	28.7





#50

Toluene-d8

Concen: 49.661 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084839.D

Acq: 13 Nov 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

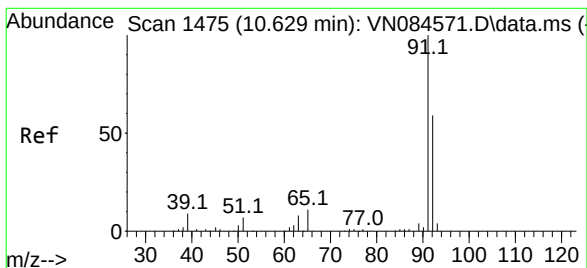
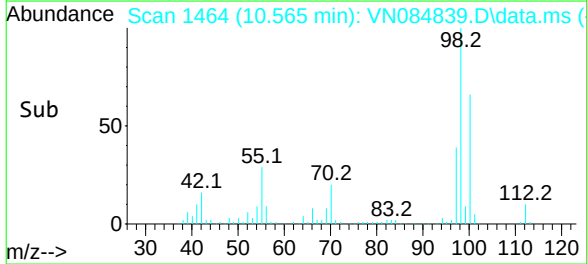
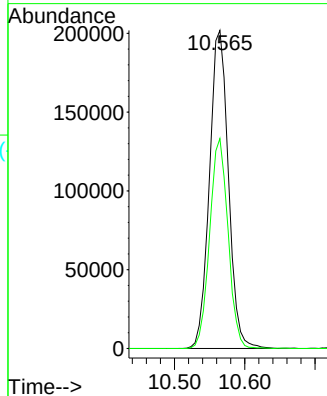
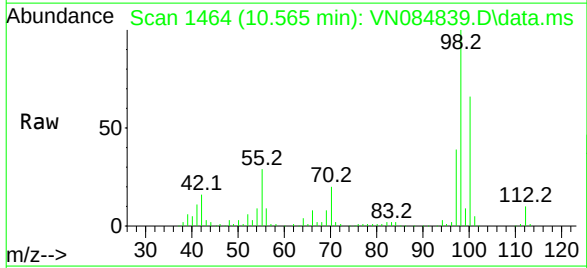
DIESLE-DRUM

Tgt Ion: 98 Resp: 378247

Ion Ratio Lower Upper

98 100

100 64.0 52.7 79.1



#52

Toluene

Concen: 35.098 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084839.D

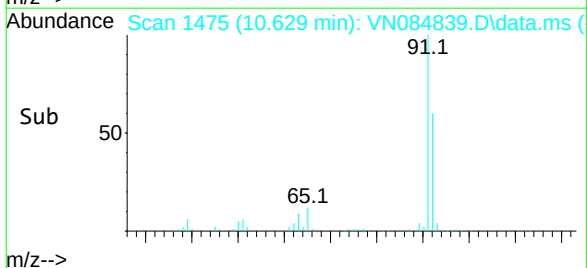
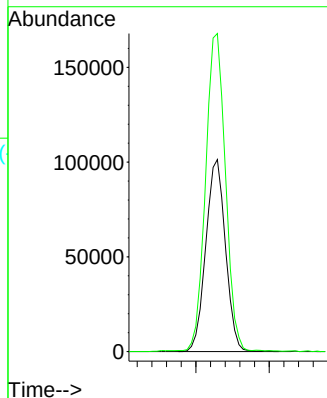
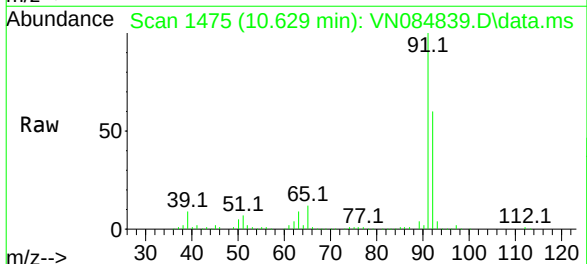
Acq: 13 Nov 2024 20:23

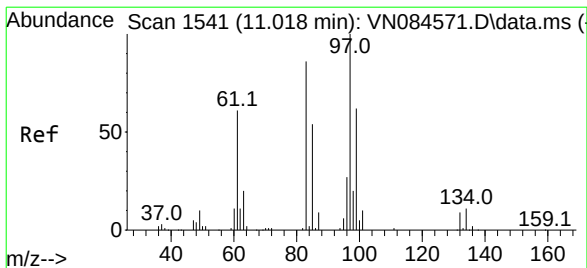
Tgt Ion: 92 Resp: 189037

Ion Ratio Lower Upper

92 100

91 167.0 137.3 205.9





#55

1,1,2-Trichloroethane

Concen: 45.368 ug/l

RT: 11.000 min Scan# 15

Delta R.T. -0.012 min

Lab File: VN084839.D

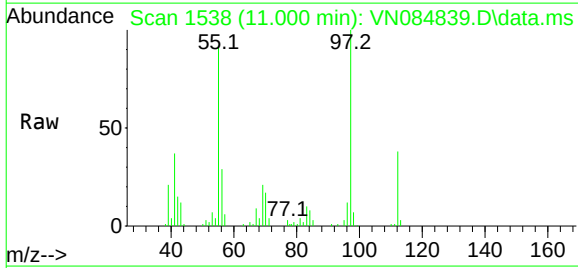
Acq: 13 Nov 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

DIESLE-DRUM



Tgt Ion: 97 Resp: 92043

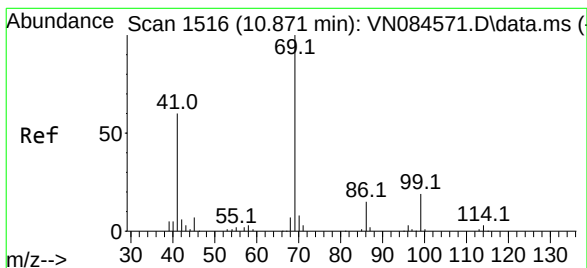
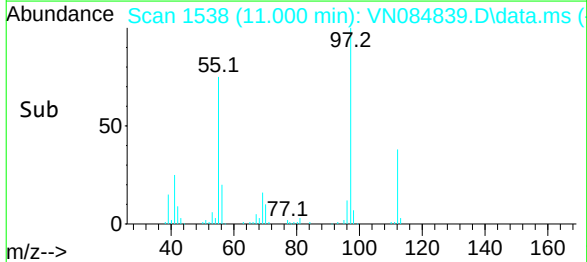
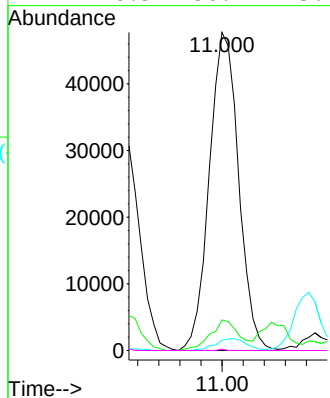
Ion Ratio Lower Upper

97 100

83 9.6 71.0 106.4#

85 3.2 41.7 62.5#

99 0.5 50.1 75.1#



#56

Ethyl methacrylate

Concen: 4.160 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. -0.012 min

Lab File: VN084839.D

Acq: 13 Nov 2024 20:23

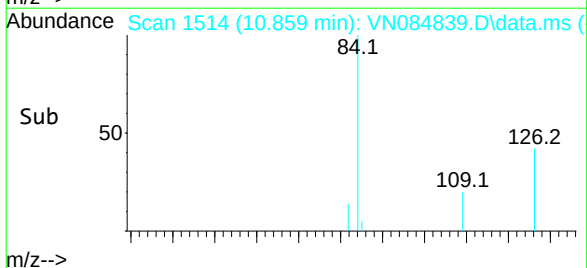
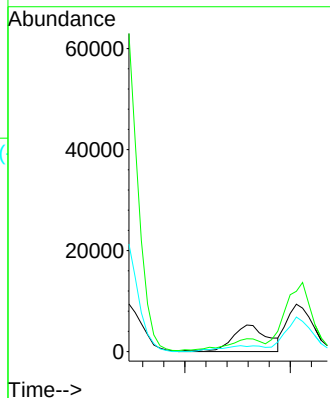
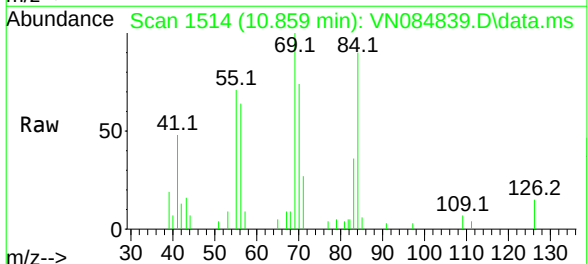
Tgt Ion: 69 Resp: 12209

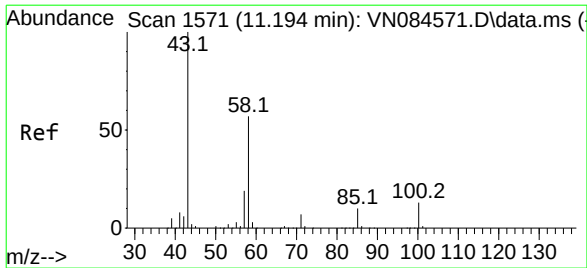
Ion Ratio Lower Upper

69 100

41 44.3 53.3 79.9#

39 26.7 28.8 43.2#





#59

2-Hexanone

Concen: 34.490 ug/l

RT: 11.170 min Scan# 15

Delta R.T. -0.024 min

Lab File: VN084839.D

Acq: 13 Nov 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

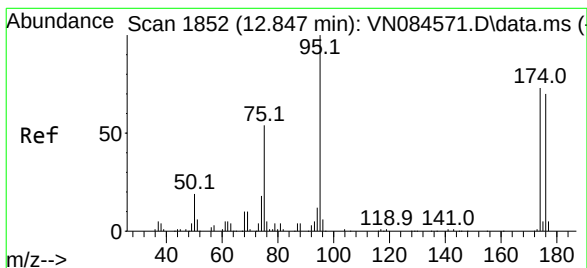
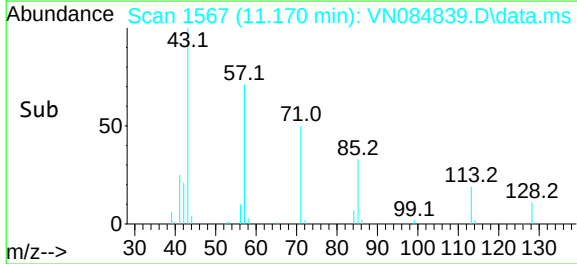
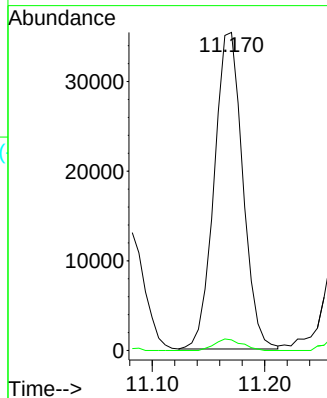
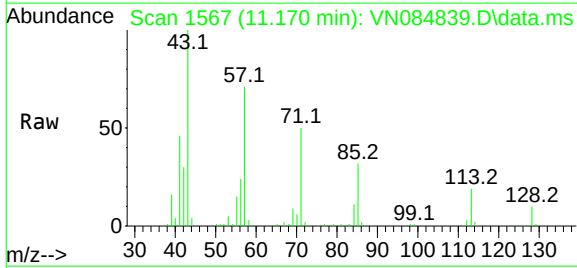
DIESLE-DRUM

Tgt Ion: 43 Resp: 62266

Ion Ratio Lower Upper

43 100

58 3.5 27.3 81.8#



#62

4-Bromofluorobenzene

Concen: 56.765 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084839.D

Acq: 13 Nov 2024 20:23

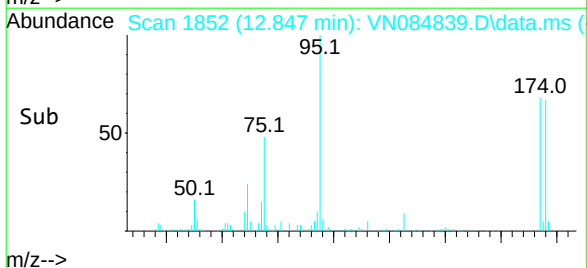
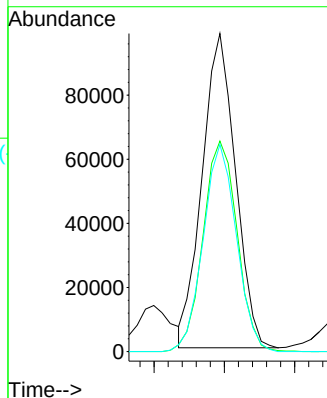
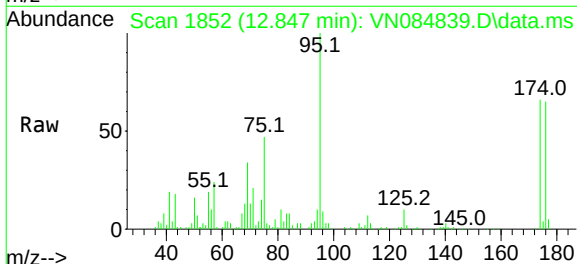
Tgt Ion: 95 Resp: 161585

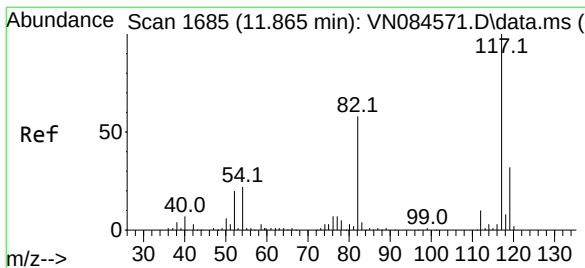
Ion Ratio Lower Upper

95 100

174 68.6 0.0 145.2

176 65.8 0.0 140.0

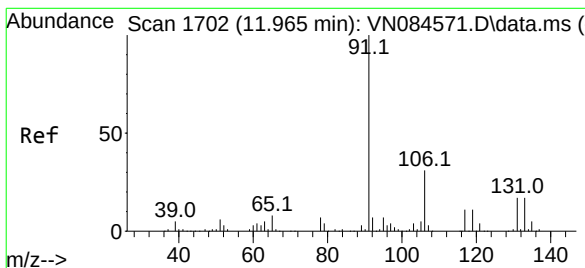
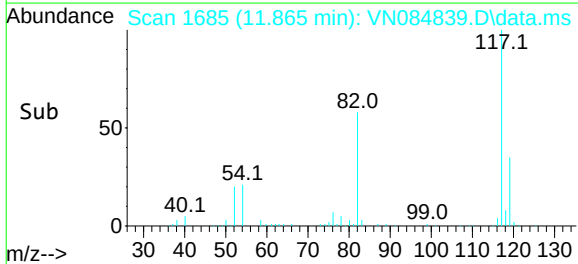
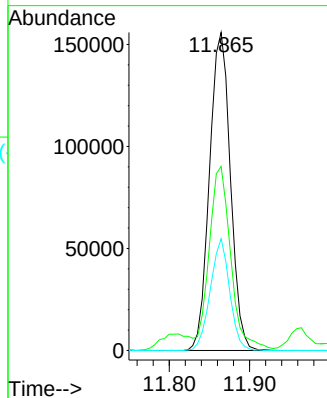
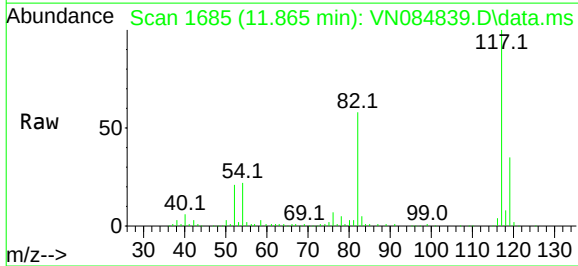




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084839.D
Acq: 13 Nov 2024 20:23

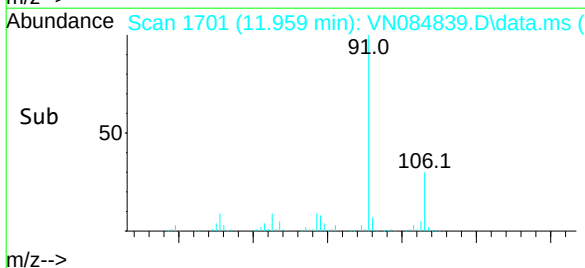
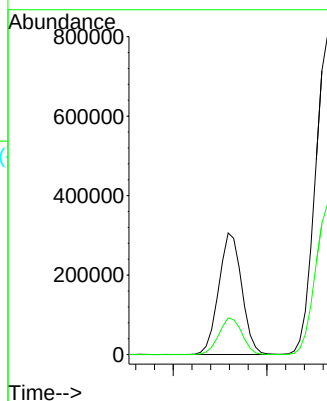
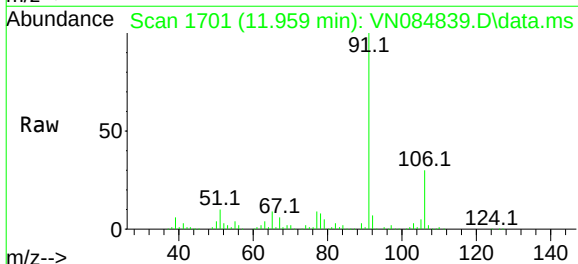
Instrument :
MSVOA_N
ClientSampleId :
DIESLE-DRUM

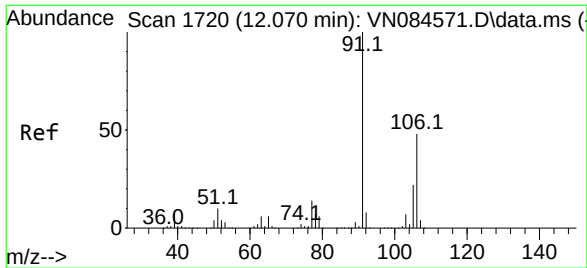
Tgt Ion: 117 Resp: 281825
Ion Ratio Lower Upper
117 100
82 57.0 47.2 70.8
119 35.1 25.4 38.0



#67
Ethyl Benzene
Concen: 49.635 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084839.D
Acq: 13 Nov 2024 20:23

Tgt Ion: 91 Resp: 522373
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7





#68

m/p-Xylenes

Concen: 175.784 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN084839.D

Acq: 13 Nov 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

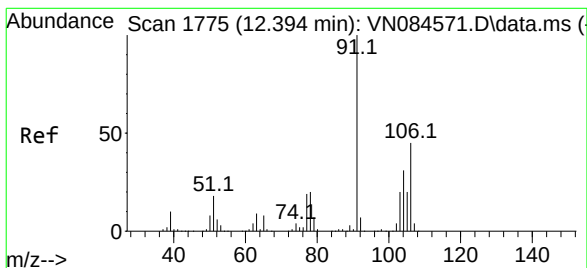
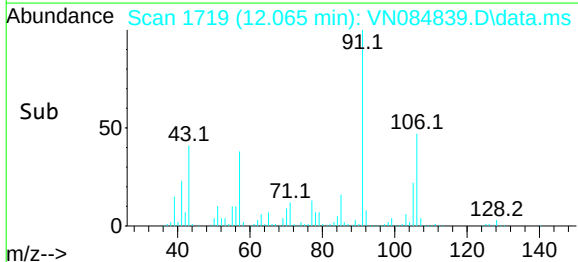
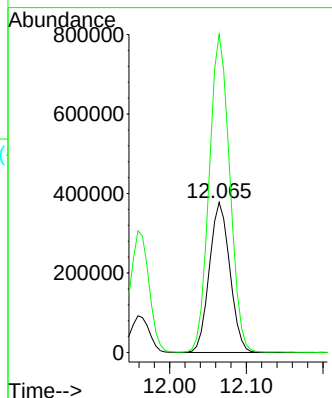
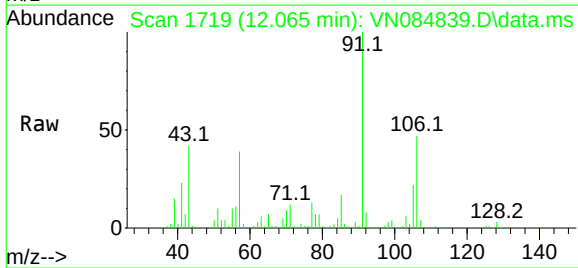
DIESLE-DRUM

Tgt Ion:106 Resp: 700390

Ion Ratio Lower Upper

106 100

91 212.3 167.1 250.7



#69

o-Xylene

Concen: 91.676 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN084839.D

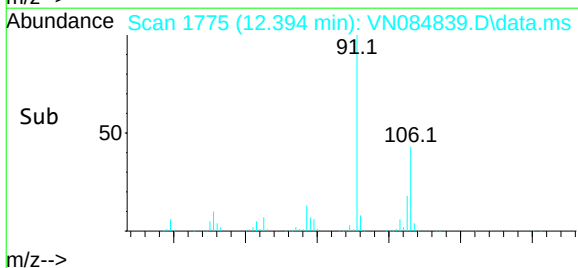
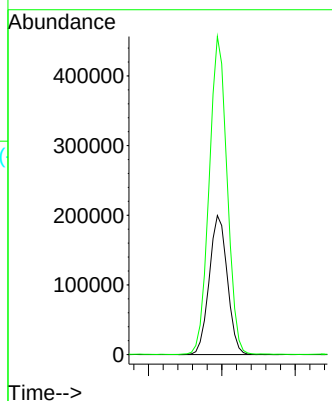
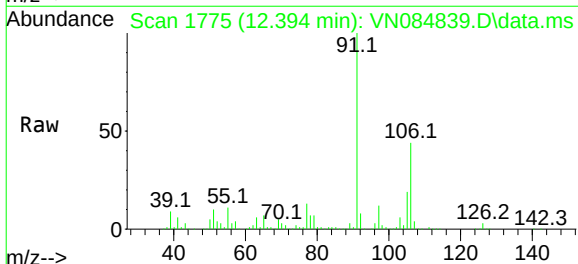
Acq: 13 Nov 2024 20:23

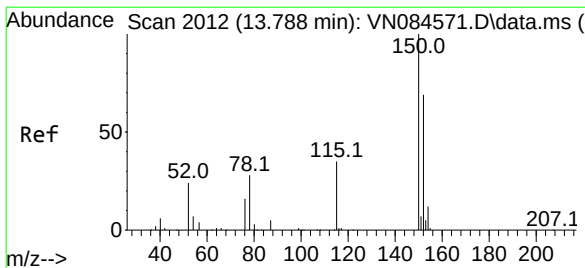
Tgt Ion:106 Resp: 341704

Ion Ratio Lower Upper

106 100

91 227.1 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN084839.D

Acq: 13 Nov 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

DIESLE-DRUM

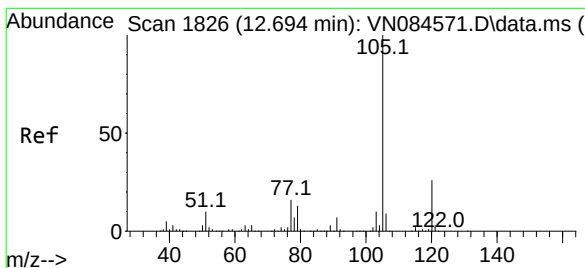
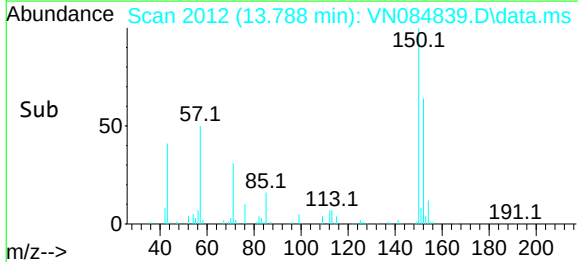
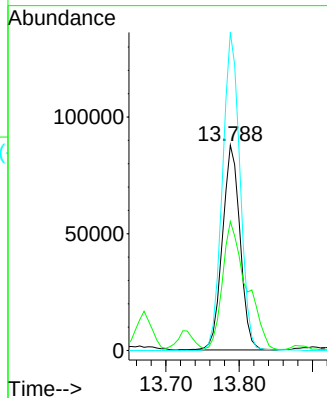
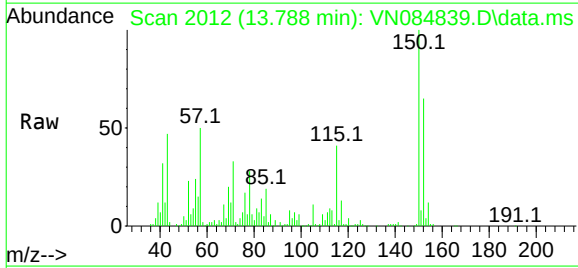
Tgt Ion:152 Resp: 146579

Ion Ratio Lower Upper

152 100

115 84.5 31.3 93.9

150 153.7 0.0 349.8



#73

Isopropylbenzene

Concen: 18.919 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084839.D

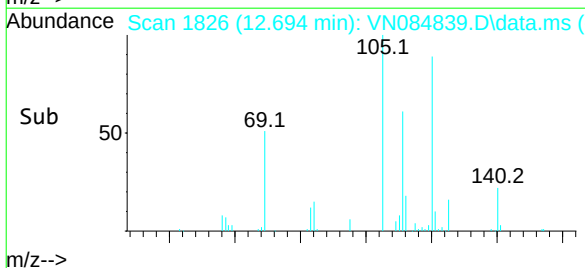
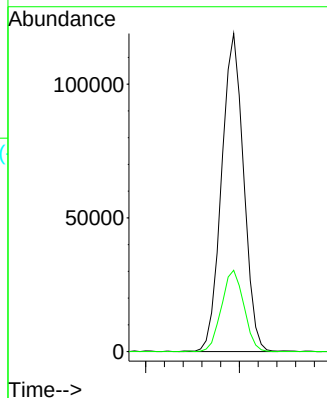
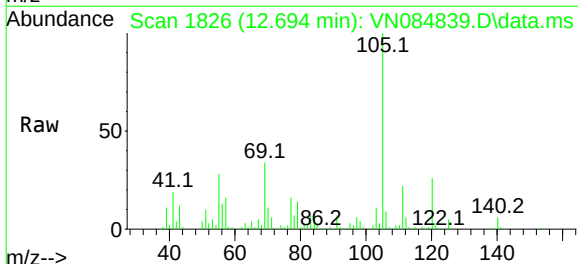
Acq: 13 Nov 2024 20:23

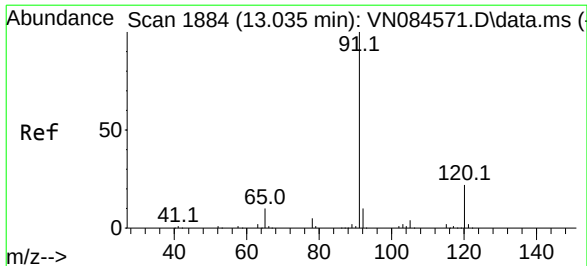
Tgt Ion:105 Resp: 194334

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7





#78

n-propylbenzene

Concen: 53.290 ug/l

RT: 13.035 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084839.D

Acq: 13 Nov 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

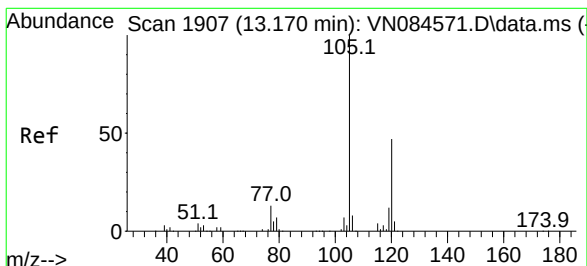
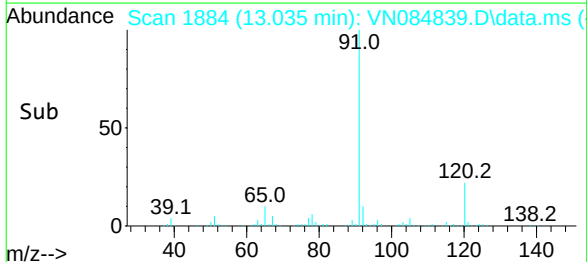
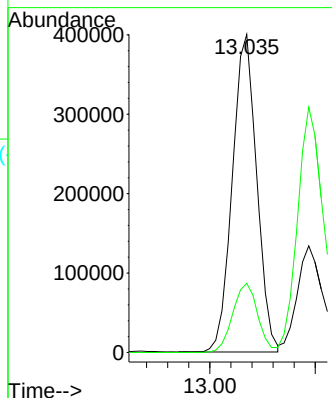
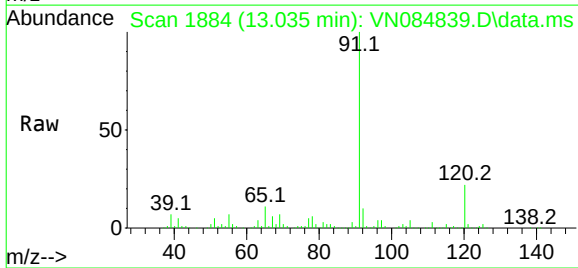
DIESLE-DRUM

Tgt Ion: 91 Resp: 641447

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4



#80

1,3,5-Trimethylbenzene

Concen: 79.882 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084839.D

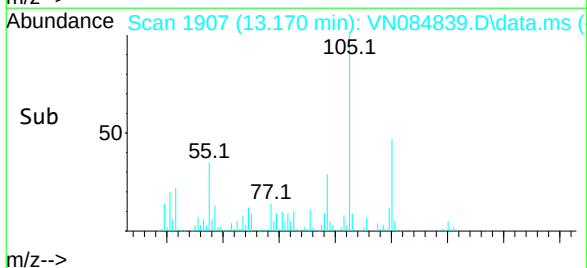
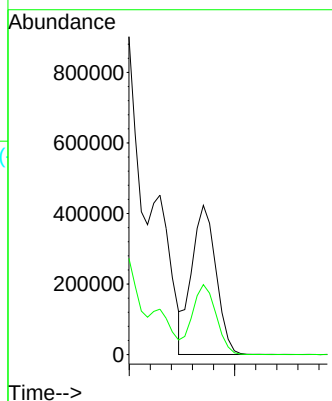
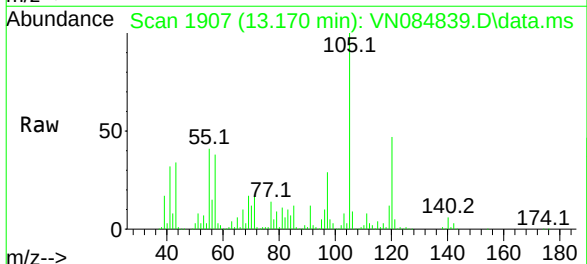
Acq: 13 Nov 2024 20:23

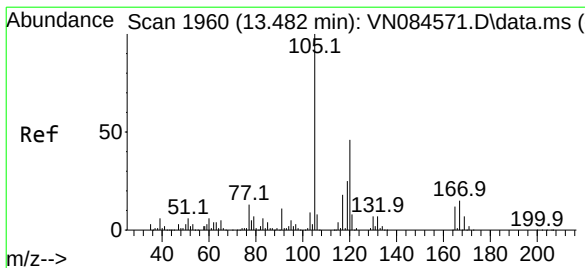
Tgt Ion:105 Resp: 680077

Ion Ratio Lower Upper

105 100

120 46.4 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 293.363 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084839.D

Acq: 13 Nov 2024 20:23

Instrument :

MSVOA_N

ClientSampleId :

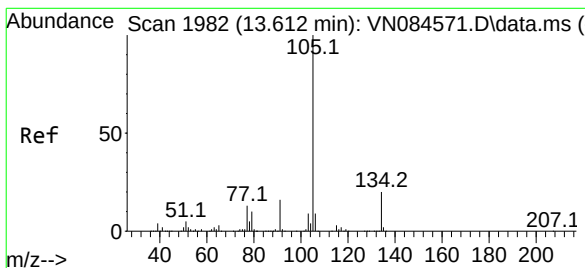
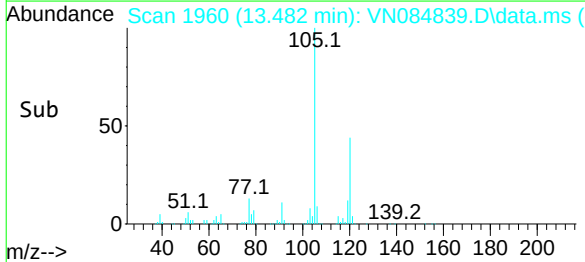
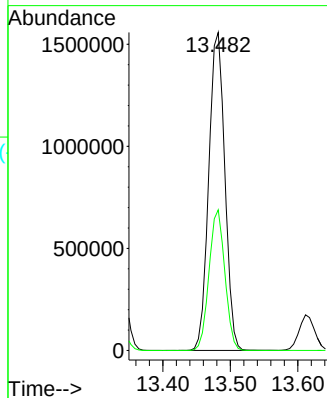
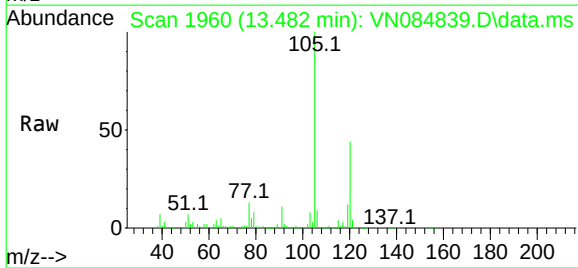
DIESLE-DRUM

Tgt Ion:105 Resp: 2577721

Ion Ratio Lower Upper

105 100

120 43.6 22.3 66.8



#85

sec-Butylbenzene

Concen: 28.000 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084839.D

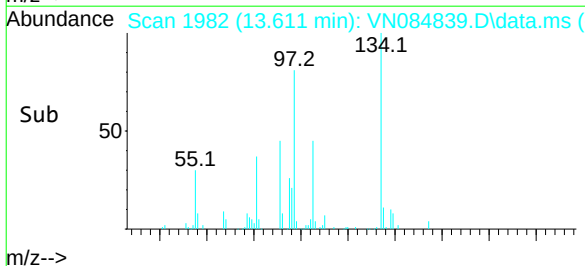
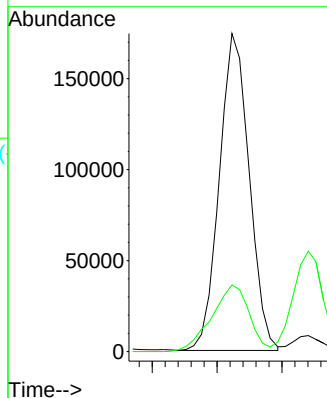
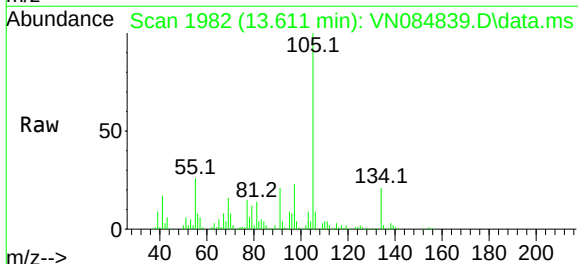
Acq: 13 Nov 2024 20:23

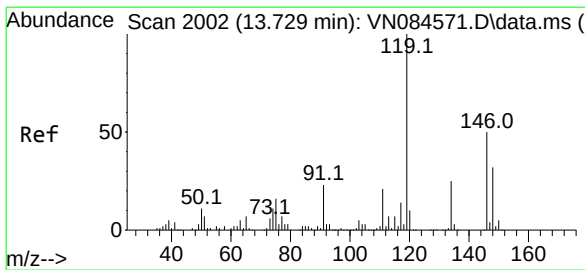
Tgt Ion:105 Resp: 278677

Ion Ratio Lower Upper

105 100

134 26.4 9.8 29.4

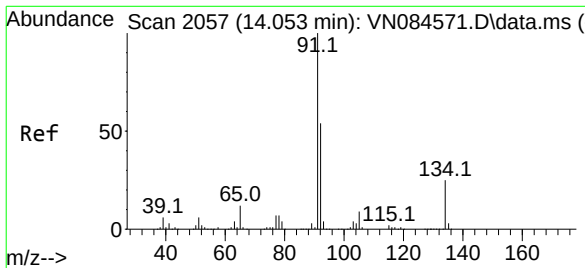
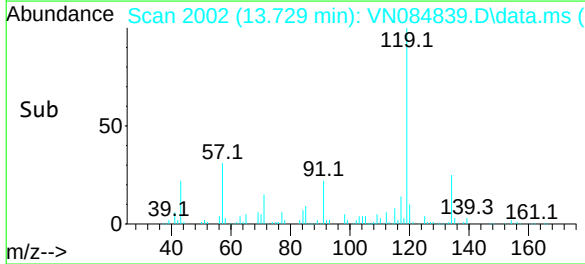
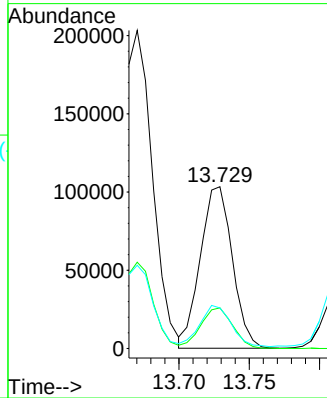
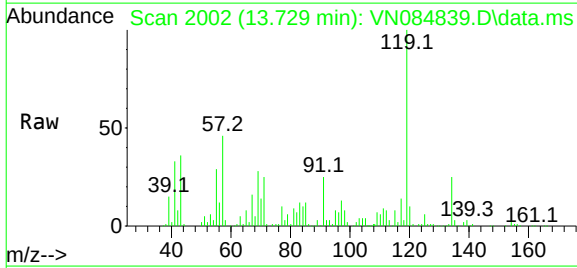




#86
p-Isopropyltoluene
Concen: 20.049 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084839.D
Acq: 13 Nov 2024 20:23

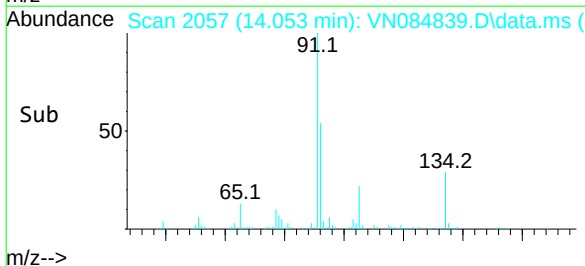
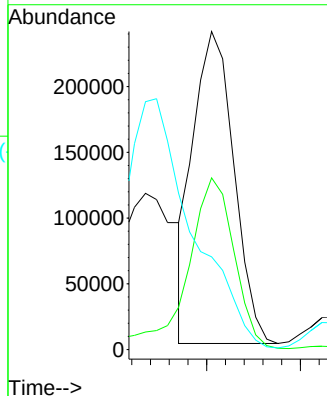
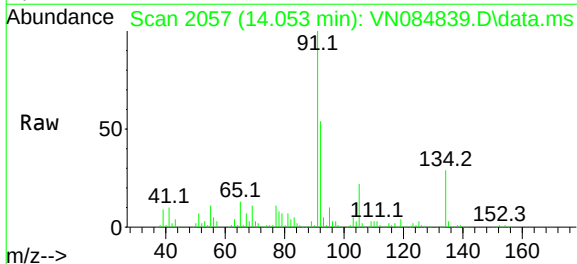
Instrument :
MSVOA_N
ClientSampleId :
DIESLE-DRUM

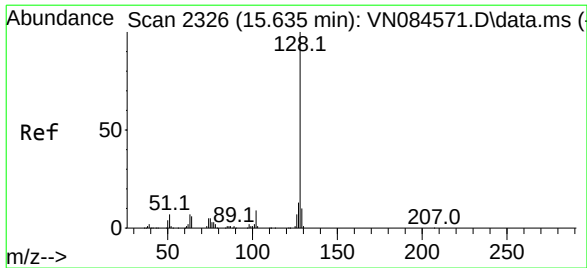
Tgt Ion:	119	Resp:	163655
Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.6	37.8
91	24.7	12.4	37.2



#89
n-Butylbenzene
Concen: 46.818 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084839.D
Acq: 13 Nov 2024 20:23

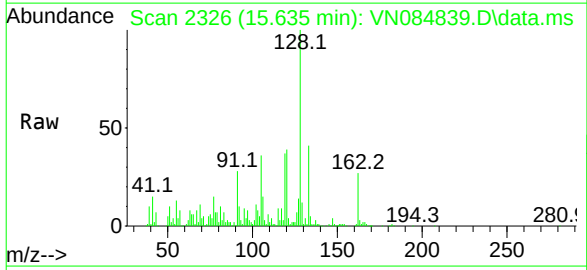
Tgt Ion:	91	Resp:	357476
Ion	Ratio	Lower	Upper
91	100		
92	61.8	26.6	79.7
134	0.0	12.3	36.9





#95
Naphthalene
Concen: 29.749 ug/l
RT: 15.635 min Scan# 23
Delta R.T. -0.000 min
Lab File: VN084839.D
Acq: 13 Nov 2024 20:23

Instrument :
MSVOA_N
ClientSampleId :
DIESLE-DRUM



Tgt Ion:128 Resp: 252394
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 8.1 8.7 13.1#

