

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083969.D
 Acq On : 18 Sep 2024 07:56
 Operator : JC\MD
 Sample : P3964-08
 Misc : 2.91g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-5

Quant Time: Sep 18 08:51:03 2024
 Quant Title :
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

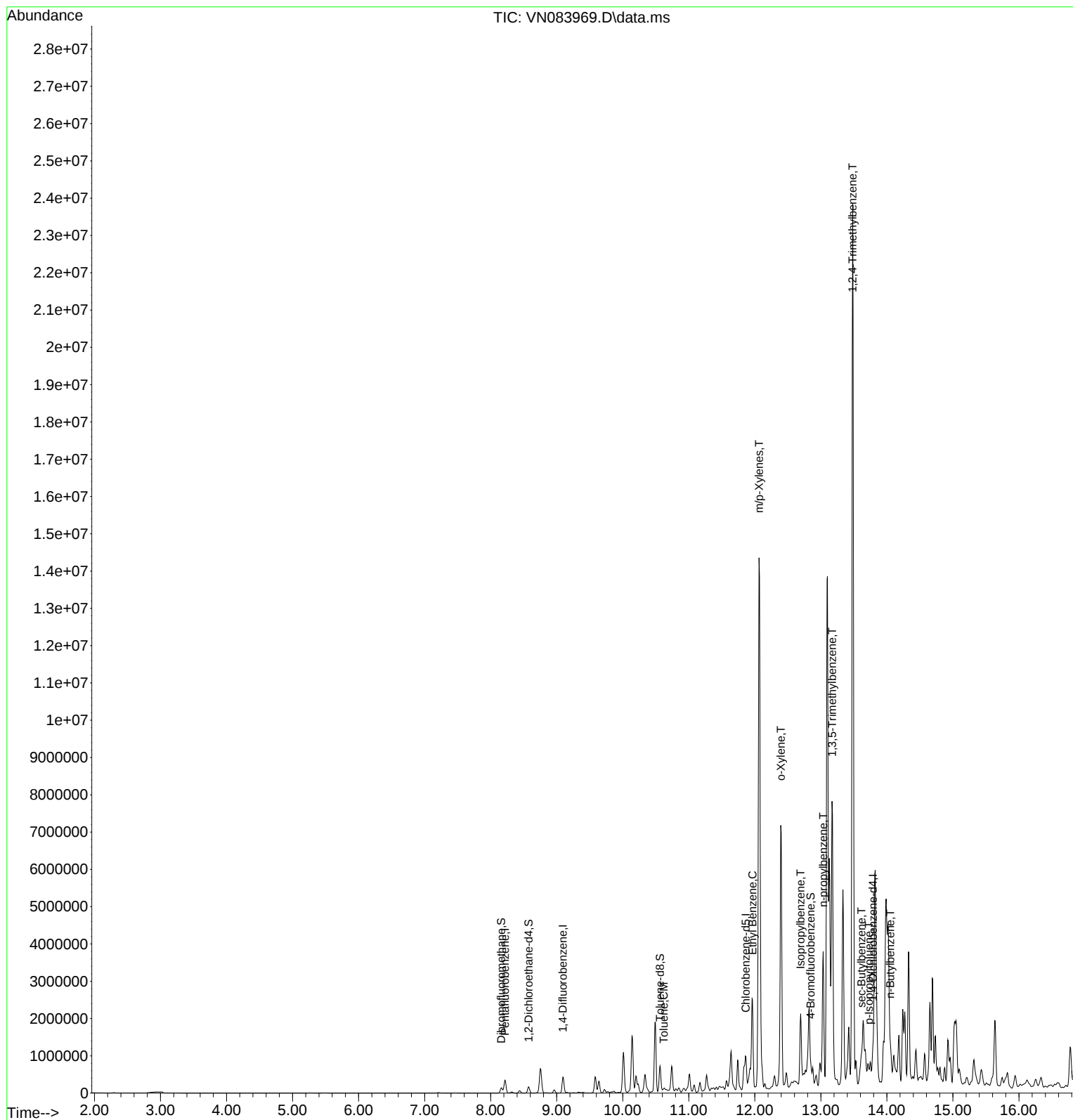
Internal Standards						
1) Pentafluorobenzene	8.218	168	199970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	335953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143029	47.435	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.860%
35) Dibromofluoromethane	8.159	113	100556	46.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.500%
50) Toluene-d8	10.565	98	414012	55.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.360%
62) 4-Bromofluorobenzene	12.847	95	165407	53.921	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.840%
Target Compounds						
					Qvalue	
52) Toluene	10.624	92	39666	6.656	ug/l	97
67) Ethyl Benzene	11.965	91	1735948	151.276	ug/l	99
68) m/p-Xylenes	12.065	106	4106418	963.864	ug/l	99
69) o-Xylene	12.394	106	1883004	456.558	ug/l	100
73) Isopropylbenzene	12.694	105	1276112	115.217	ug/l	100
78) n-propylbenzene	13.035	91	2773884	215.250	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	3813893	408.430	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	12891140	1374.316	ug/l	99
85) sec-Butylbenzene	13.617	105	250245m	23.096	ug/l	
86) p-Isopropyltoluene	13.729	119	104509m	11.507	ug/l	
89) n-Butylbenzene	14.053	91	413440	50.700	ug/l #	78

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

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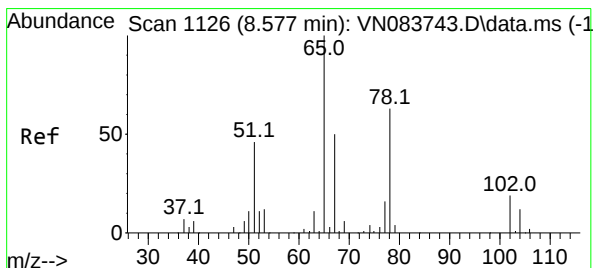
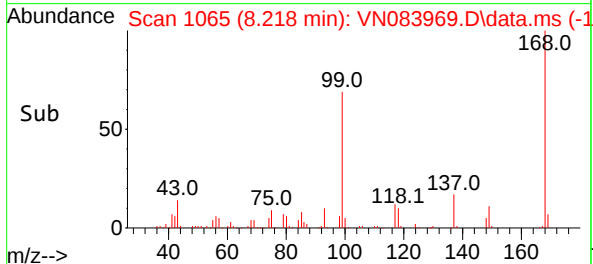
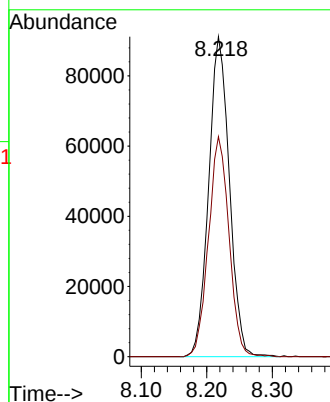
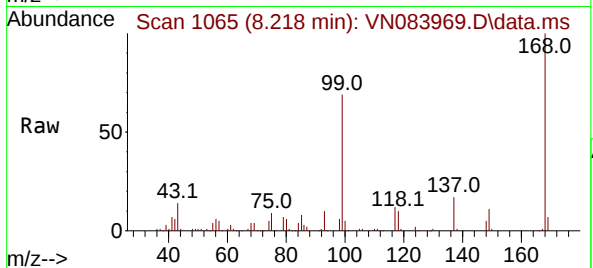




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

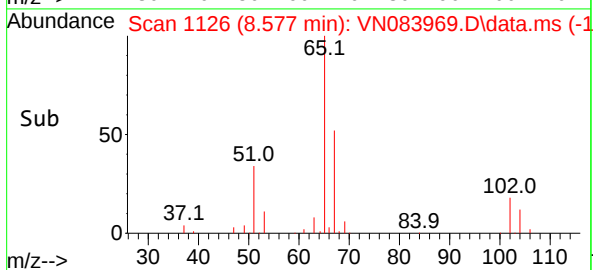
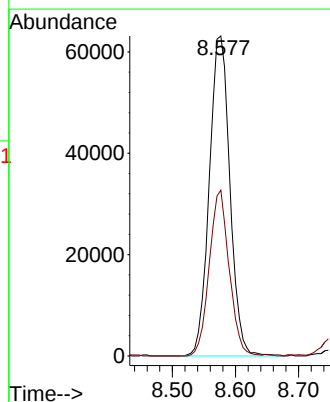
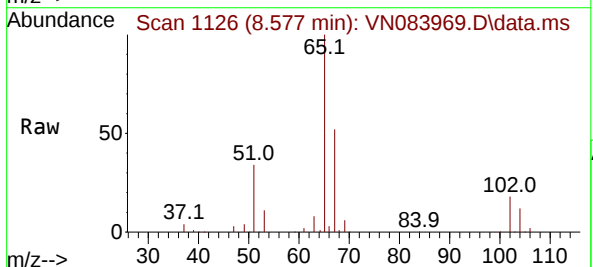
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

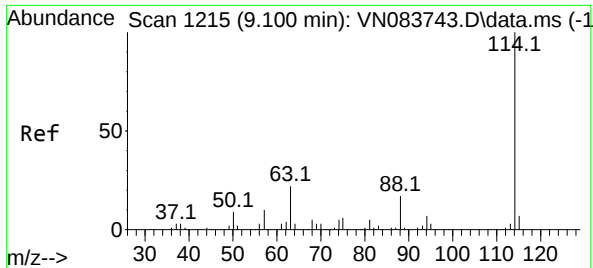
Tgt Ion:168 Resp: 199970
Ion Ratio Lower Upper
168 100
99 68.8 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.435 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 65 Resp: 143029
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.8

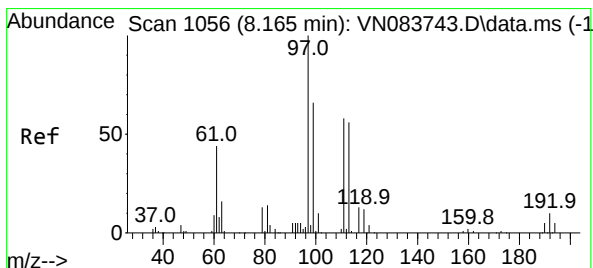
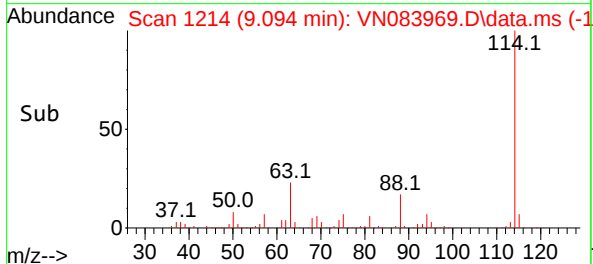
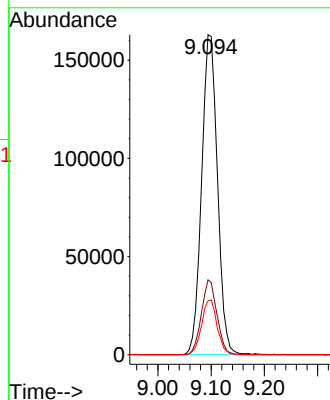
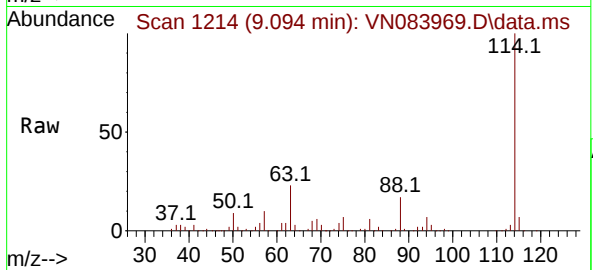




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

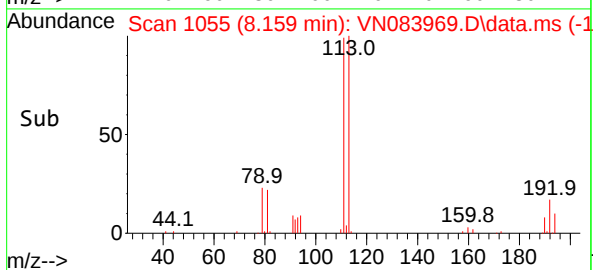
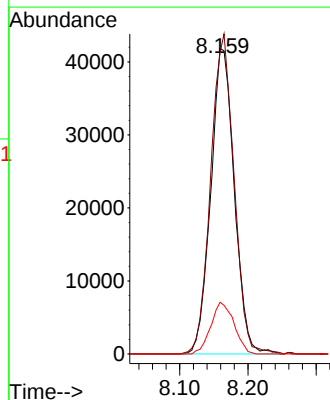
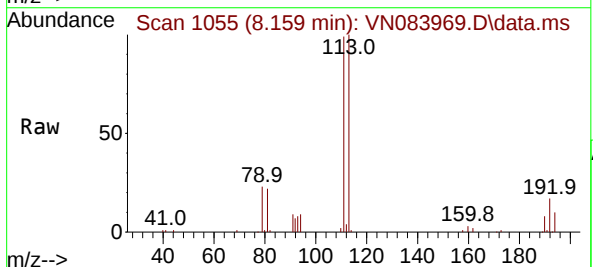
Instrument :
MSVOA_N
ClientSampleId :
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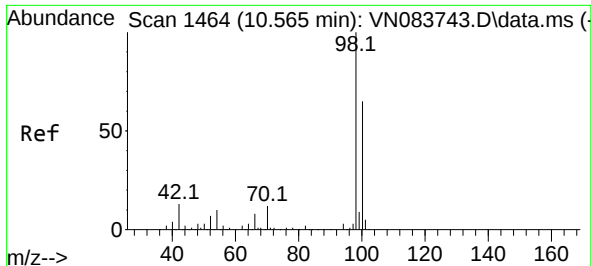
Tgt Ion:114 Resp: 335953
Ion Ratio Lower Upper
114 100
63 23.4 0.0 43.4
88 16.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.754 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion:113 Resp: 100556
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 16.7 14.3 21.5

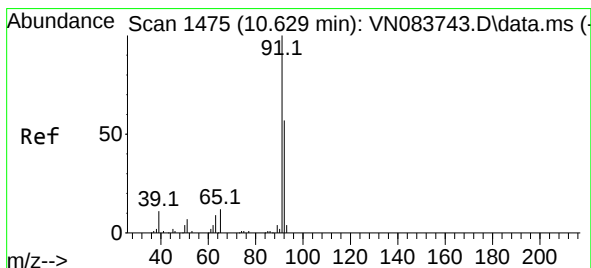
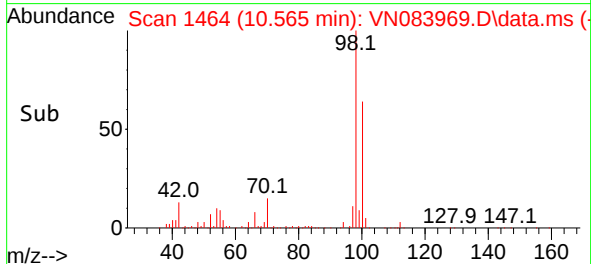
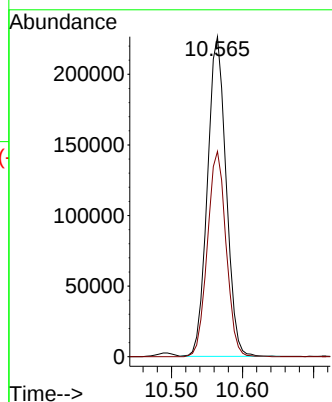
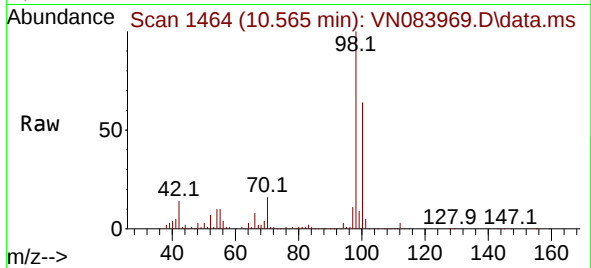




#50
Toluene-d8
Concen: 55.683 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

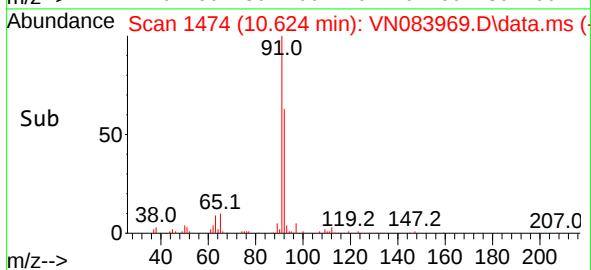
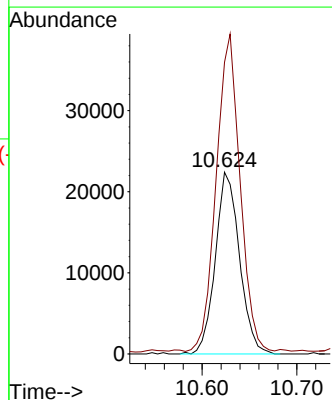
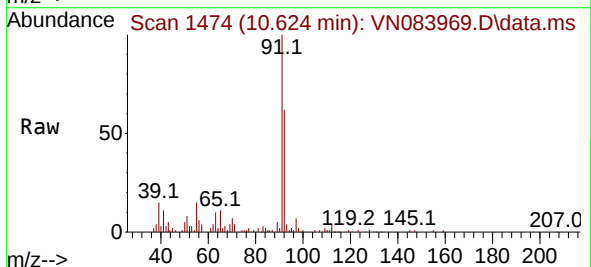
Instrument :
MSVOA_N
ClientSampleId :
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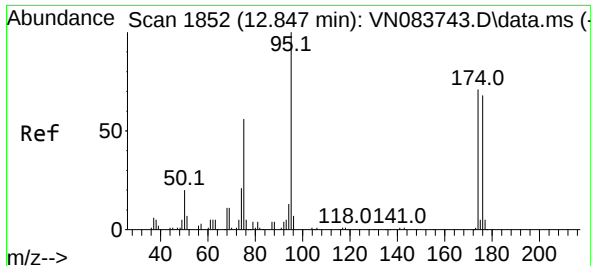
Tgt Ion: 98 Resp: 414012
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#52
Toluene
Concen: 6.656 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 92 Resp: 39666
Ion Ratio Lower Upper
92 100
91 172.3 134.7 202.1

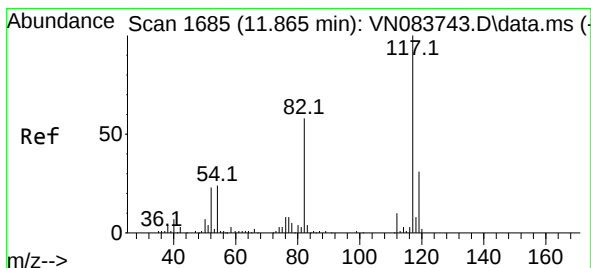
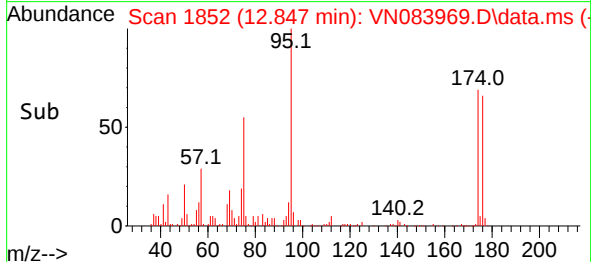
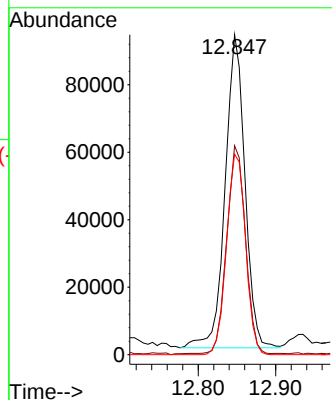
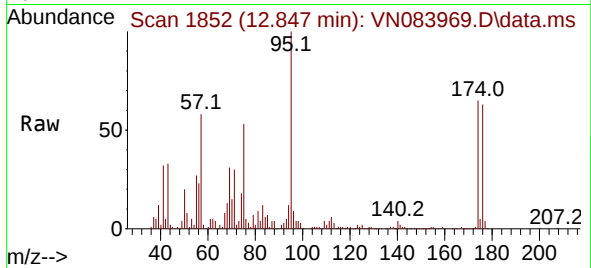




#62
4-Bromofluorobenzene
Concen: 53.921 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

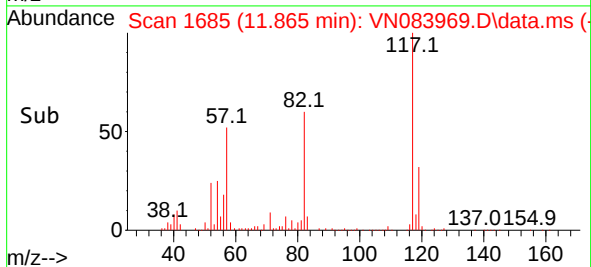
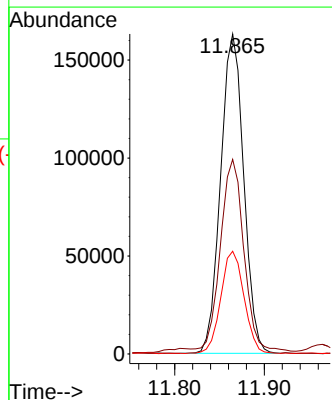
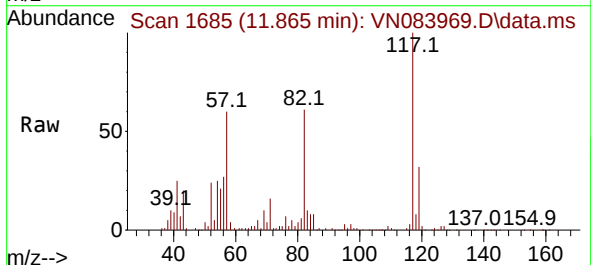
Instrument :
MSVOA_N
ClientSampleId :
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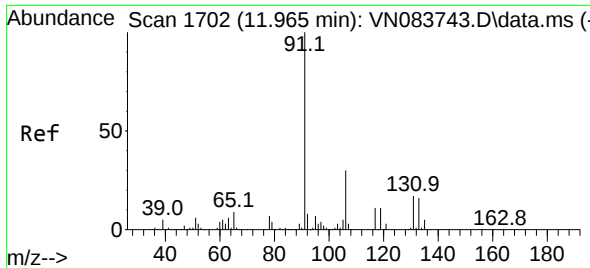
Tgt Ion: 95 Resp: 165407
Ion Ratio Lower Upper
95 100
174 63.9 0.0 139.8
176 61.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 117 Resp: 290647
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 32.0 26.3 39.5

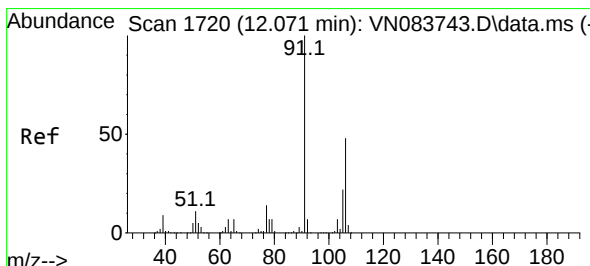
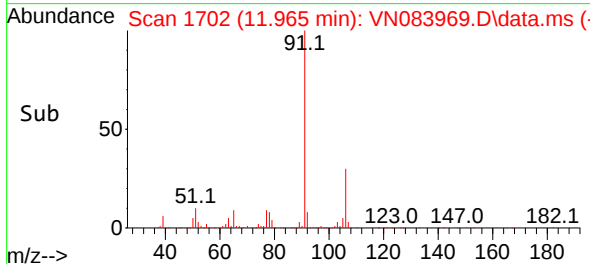
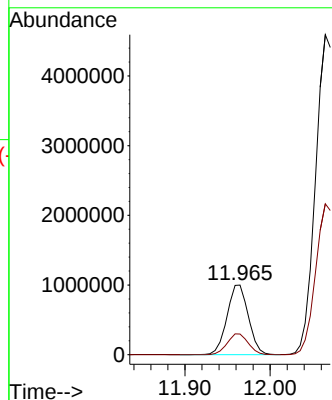
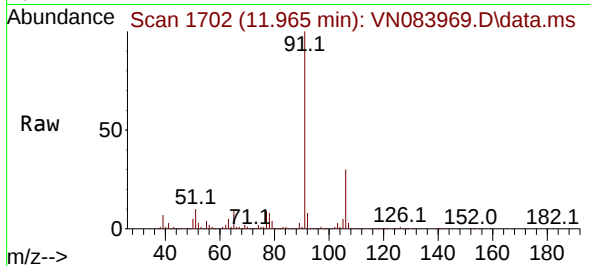




#67
Ethyl Benzene
Concen: 151.276 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

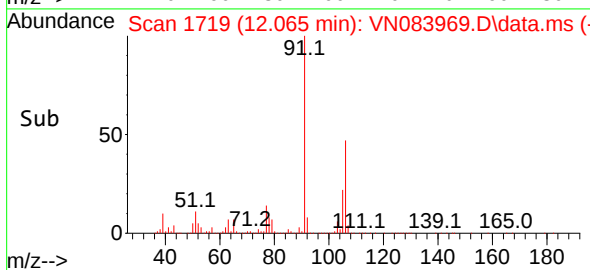
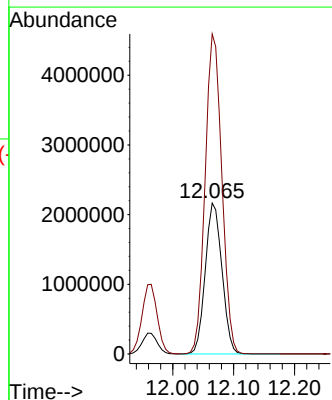
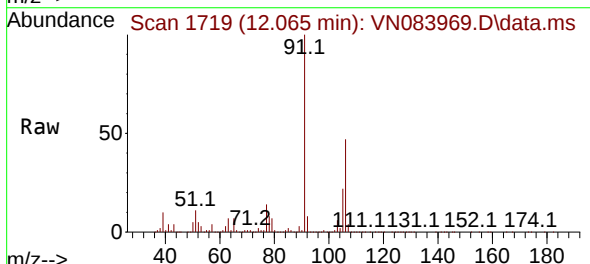
Instrument :
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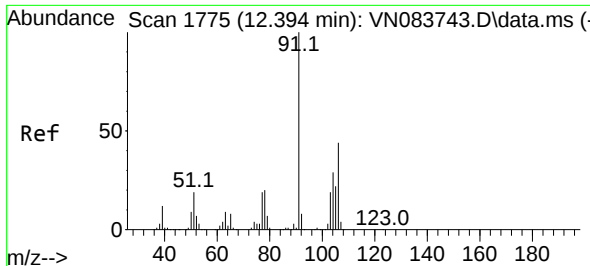
Tgt Ion: 91 Resp: 1735948
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 963.864 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion:106 Resp: 4106418
Ion Ratio Lower Upper
106 100
91 212.5 169.2 253.8

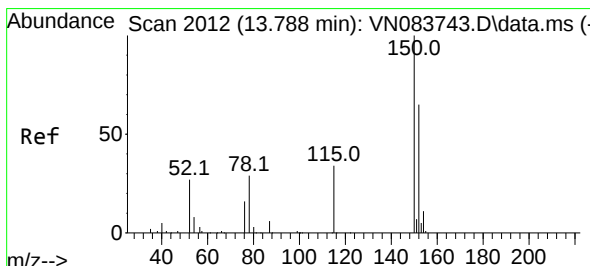
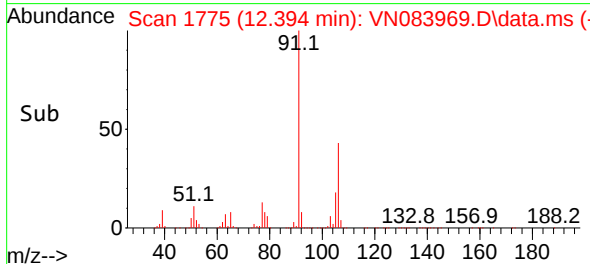
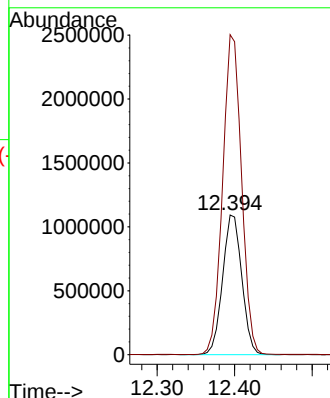
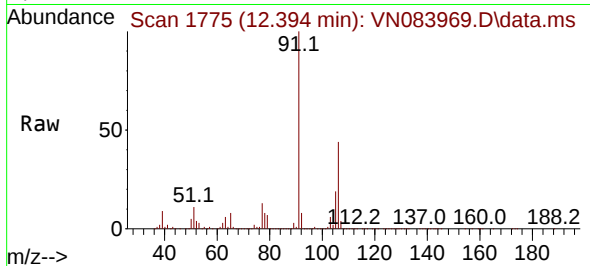




#69
o-Xylene
Concen: 456.558 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

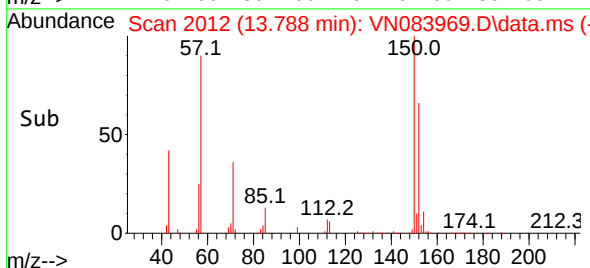
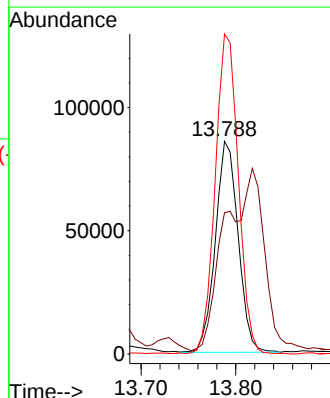
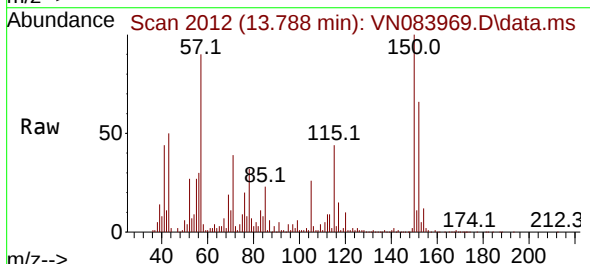
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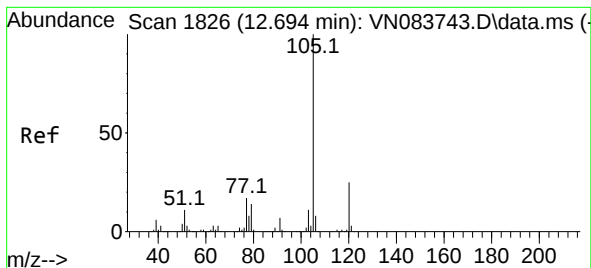
Tgt Ion:106 Resp: 1883004
Ion Ratio Lower Upper
106 100
91 225.9 112.9 338.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion:152 Resp: 143160
Ion Ratio Lower Upper
152 100
115 60.6 32.2 96.6
150 154.2 0.0 348.6





#73

Isopropylbenzene

Concen: 115.217 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

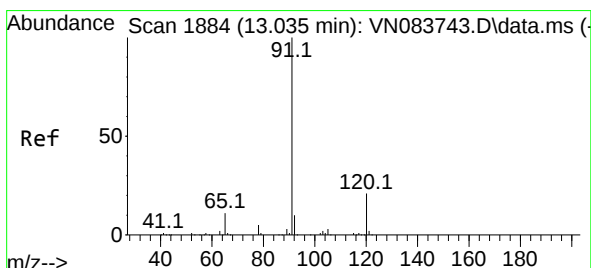
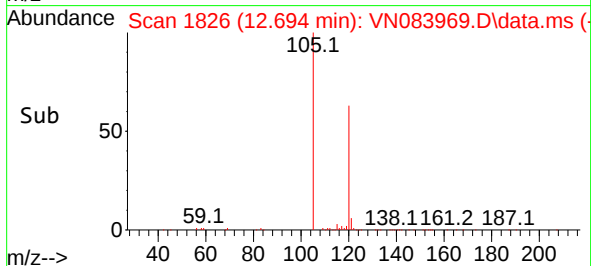
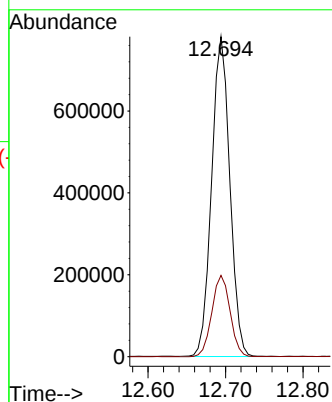
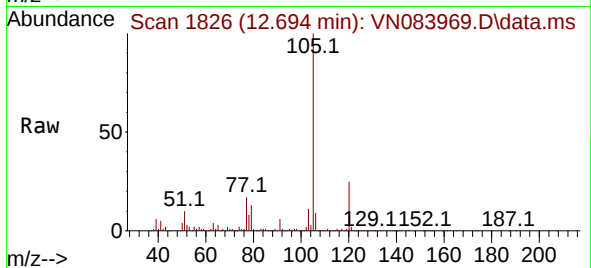
FDF-5

Tgt Ion:105 Resp: 1276112

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#78

n-propylbenzene

Concen: 215.250 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083969.D

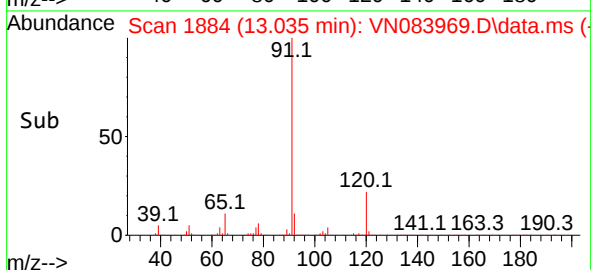
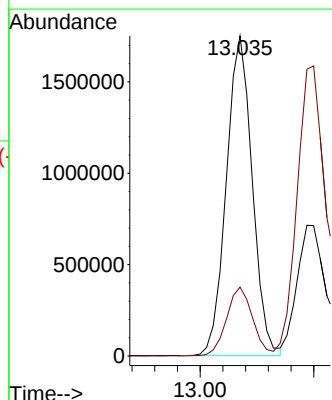
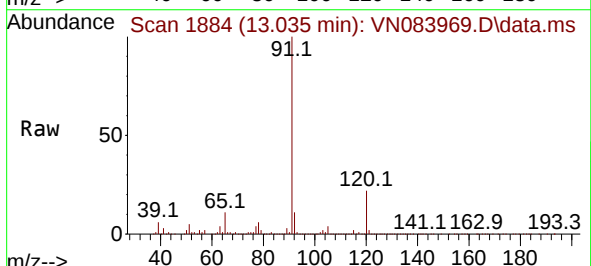
Acq: 18 Sep 2024 07:56

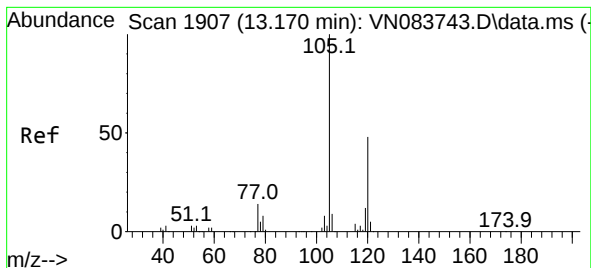
Tgt Ion: 91 Resp: 2773884

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0





#80

1,3,5-Trimethylbenzene

Concen: 408.430 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

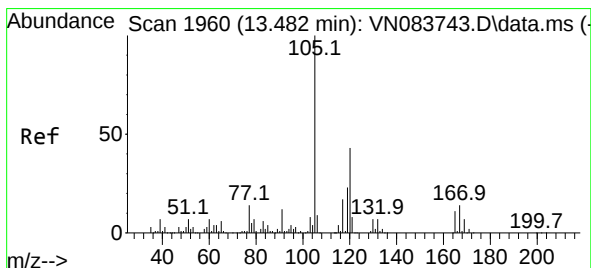
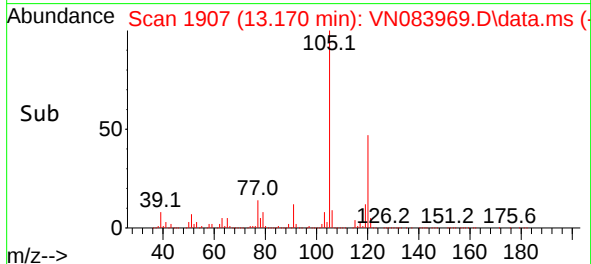
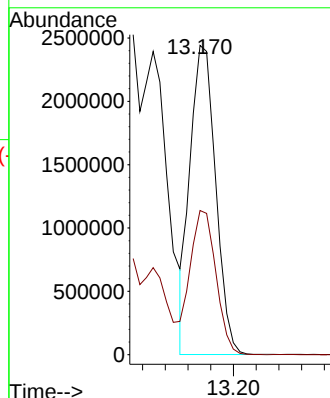
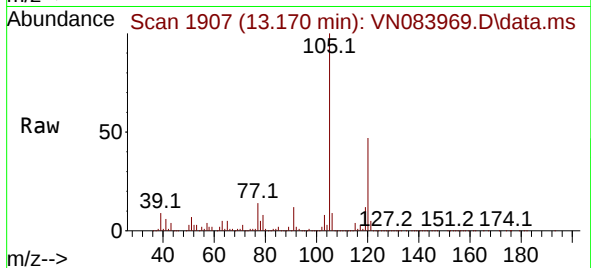
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Tgt Ion:105 Resp: 3813893

Ion Ratio Lower Upper

105 100

120 49.0 23.4 70.3



#84

1,2,4-Trimethylbenzene

Concen: 1374.316 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083969.D

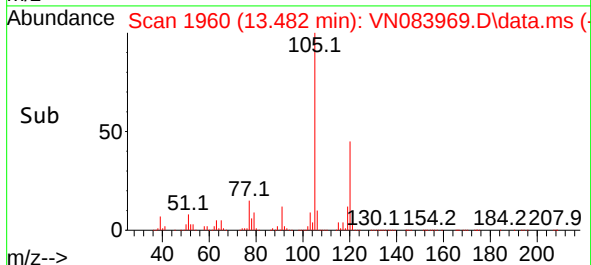
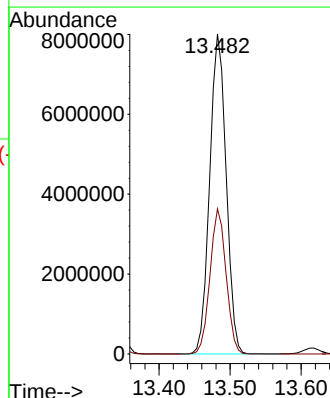
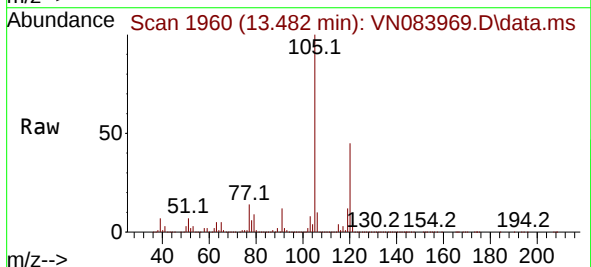
Acq: 18 Sep 2024 07:56

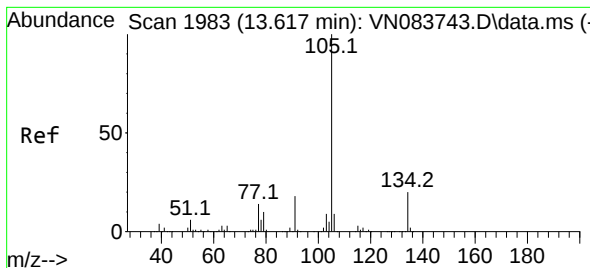
Tgt Ion:105 Resp:12891140

Ion Ratio Lower Upper

105 100

120 44.3 21.8 65.4





#85

sec-Butylbenzene

Concen: 23.096 ug/l m

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

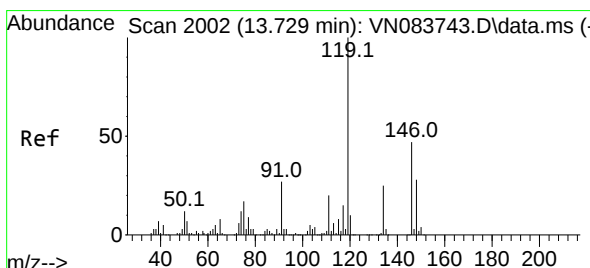
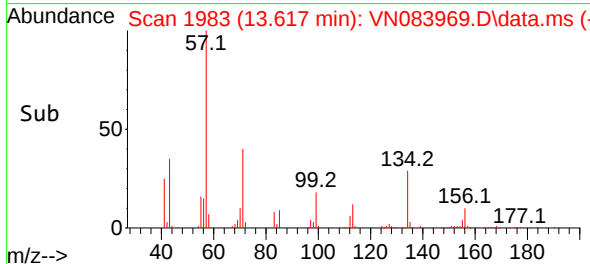
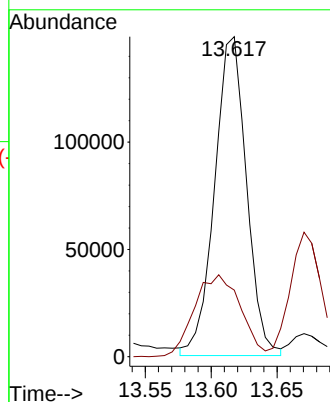
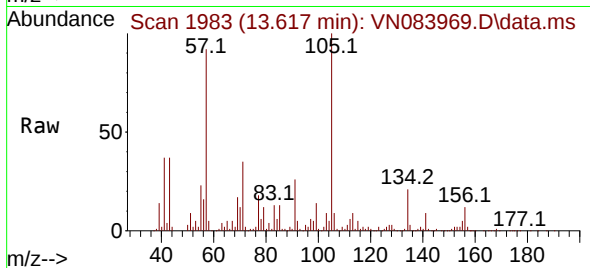
FDF-5

Tgt Ion:105 Resp: 250245

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 11.507 ug/l m

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

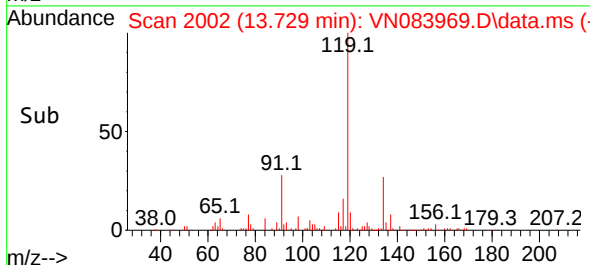
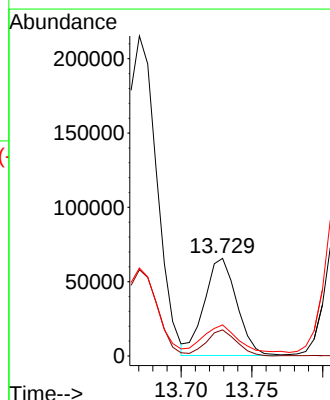
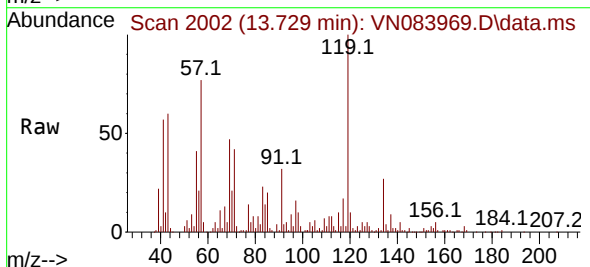
Tgt Ion:119 Resp: 104509

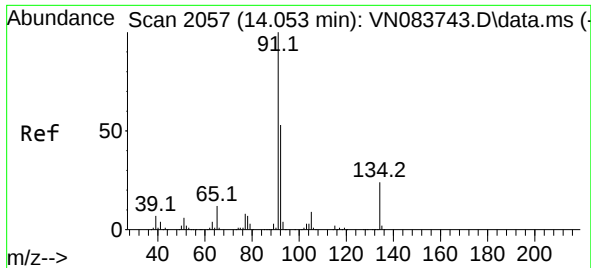
Ion Ratio Lower Upper

119 100

134 90.4 12.8 38.3#

91 82.3 12.9 38.7#





#89

n-Butylbenzene

Concen: 50.700 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083969.D

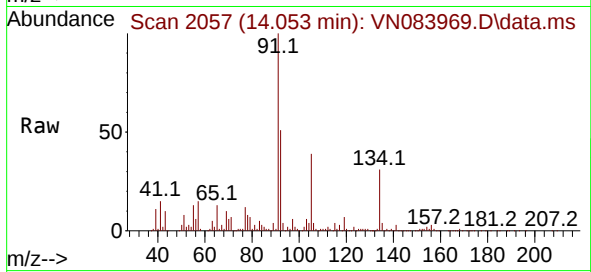
Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

FDF-5



Tgt Ion: 91 Resp: 413440

Ion Ratio Lower Upper

91 100

92 60.4 26.7 80.1

134 0.0 12.2 36.4#

