

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084022.D
 Acq On : 19 Sep 2024 09:20
 Operator : JC\MD
 Sample : P3964-03DL 10X
 Misc : 8.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-3DL

Quant Time: Sep 19 13:34:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

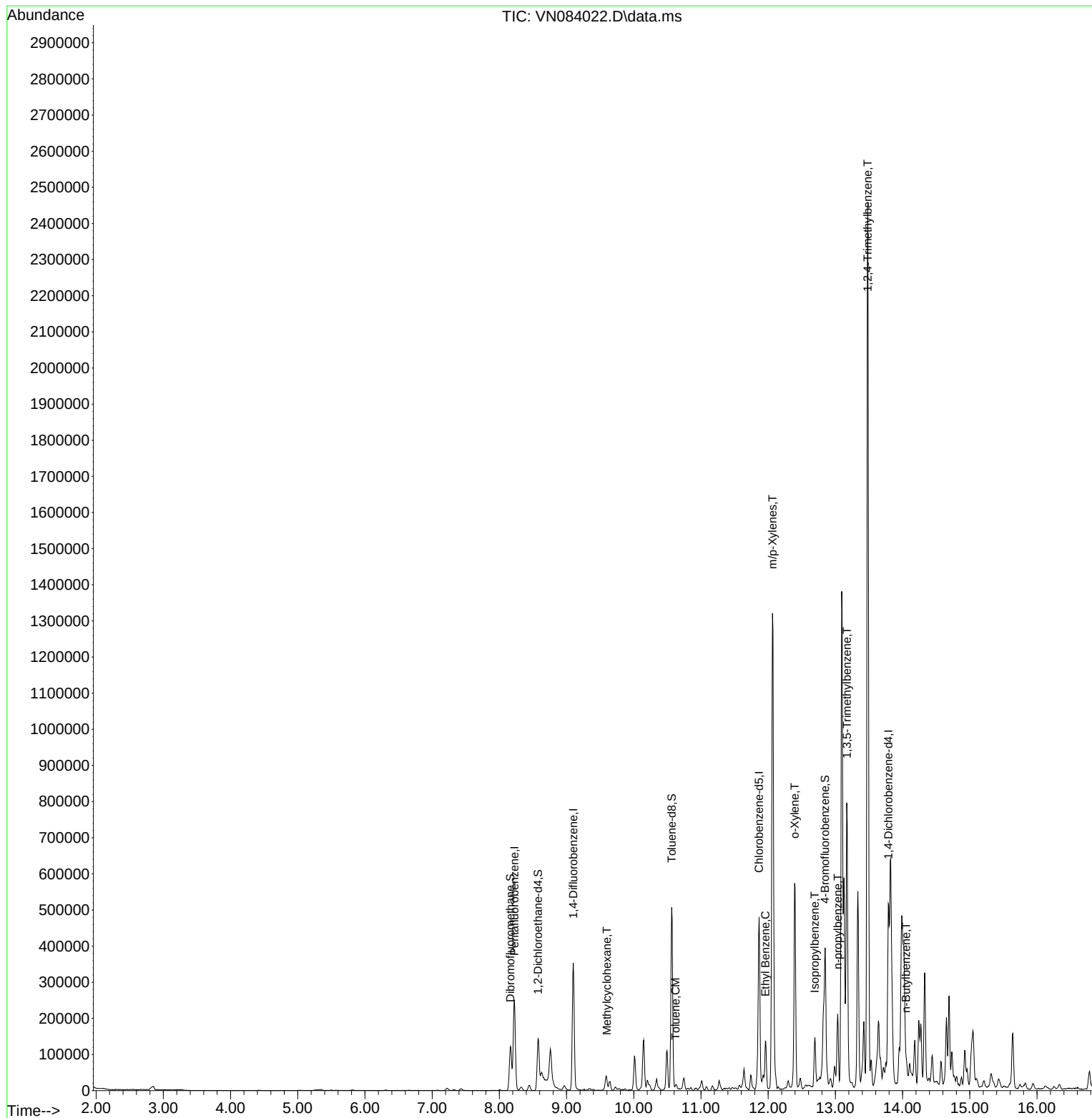
Internal Standards						
1) Pentafluorobenzene	8.224	168	158972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123815	51.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.300%			
35) Dibromofluoromethane	8.165	113	86367	48.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.780%			
50) Toluene-d8	10.565	98	333805	54.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.320%			
62) 4-Bromofluorobenzene	12.847	95	125187	49.687	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.380%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.600	83	4000	1.322	ug/l	92
52) Toluene	10.623	92	6112	1.249	ug/l	94
67) Ethyl Benzene	11.959	91	89790	9.511	ug/l	99
68) m/p-Xylenes	12.065	106	385521	109.987	ug/l	97
69) o-Xylene	12.394	106	148578	43.786	ug/l	99
73) Isopropylbenzene	12.694	105	88001	9.970	ug/l	99
78) n-propylbenzene	13.035	91	152101	14.810	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	383037	51.470	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1375774	184.037	ug/l	99
89) n-Butylbenzene	14.053	91	24574	3.781	ug/l #	71

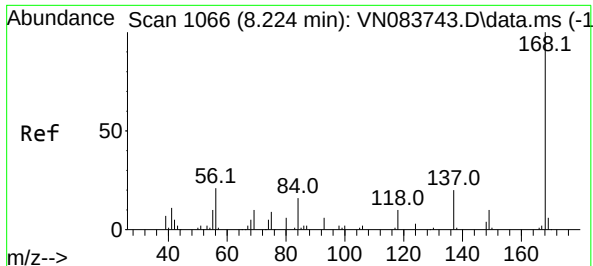
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
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Quant Time: Sep 19 13:34:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

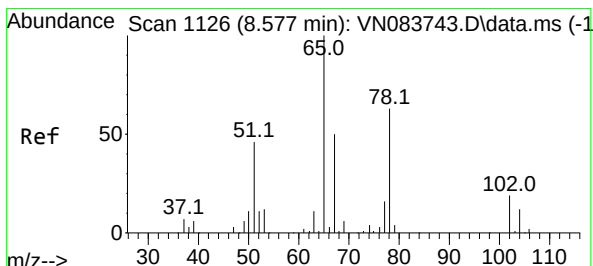
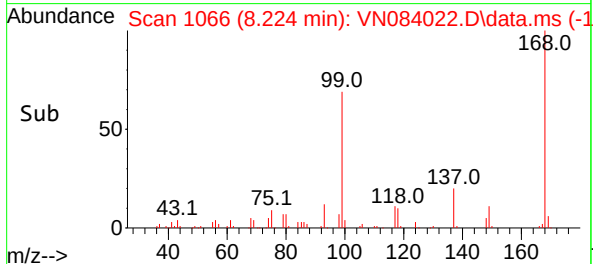
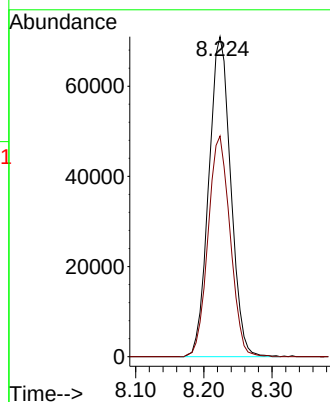
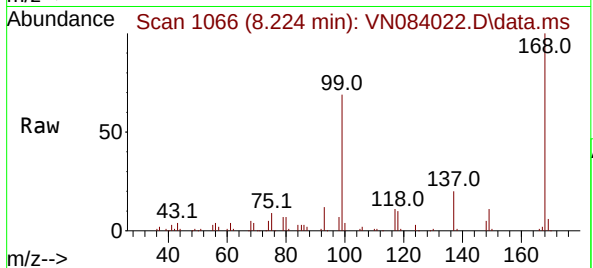




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

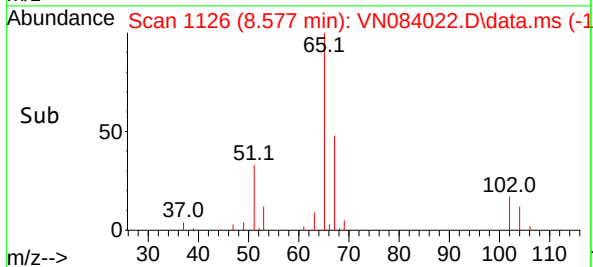
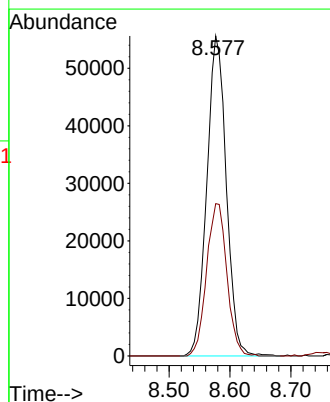
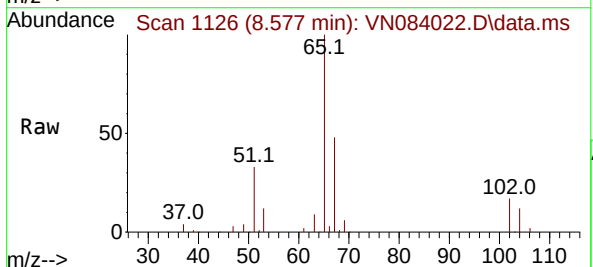
Instrument :
MSVOA_N
ClientSampleId :
FDF-3DL

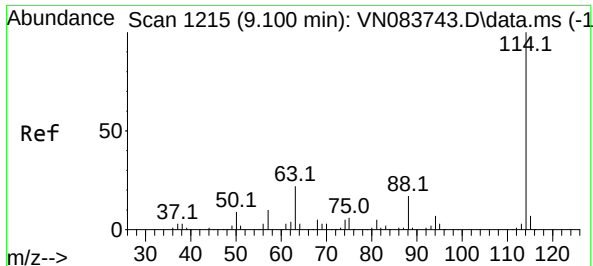
Tgt Ion:168 Resp: 158972
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.653 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

Tgt Ion: 65 Resp: 123815
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.8

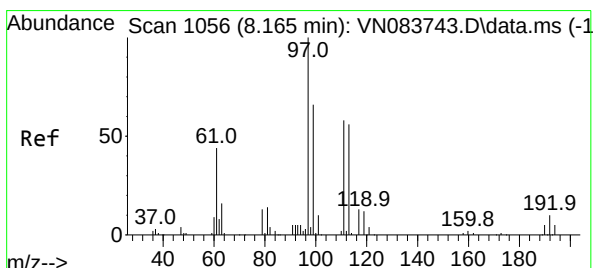
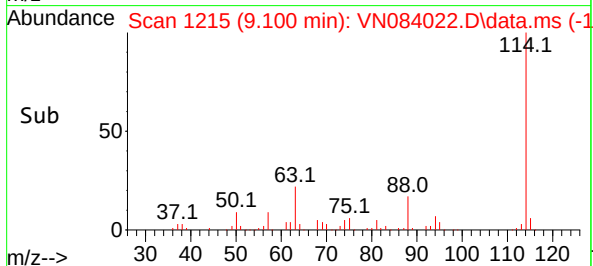
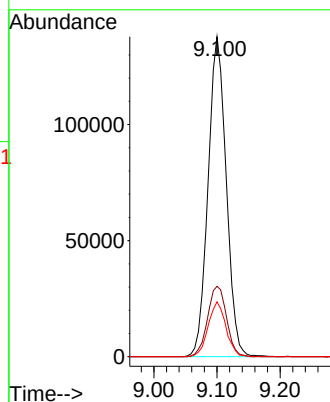
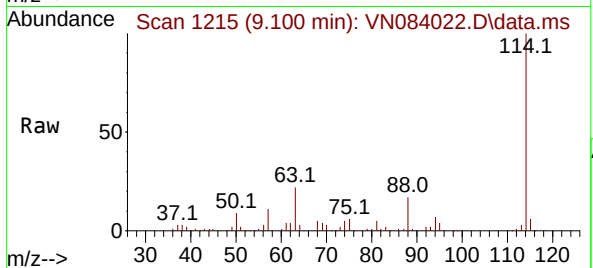




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

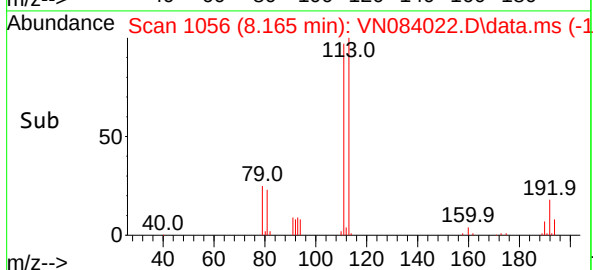
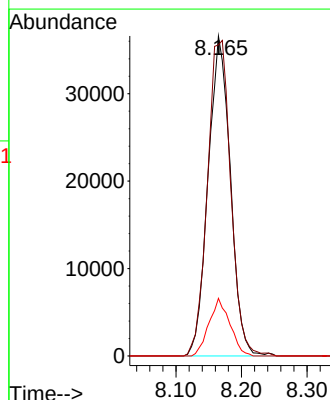
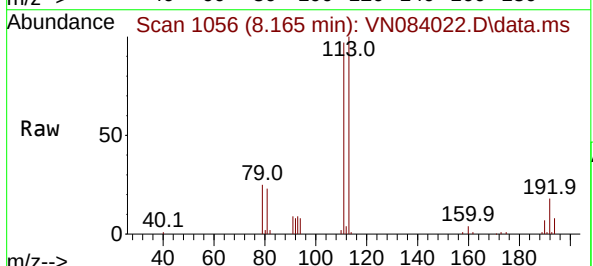
Instrument :
MSVOA_N
ClientSampleId :
FDF-3DL

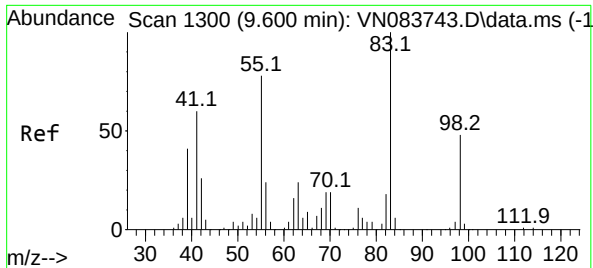
Tgt Ion:114 Resp: 275931
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.4
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.892 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

Tgt Ion:113 Resp: 86367
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 16.9 14.3 21.5

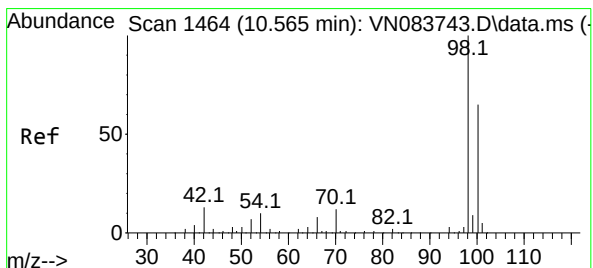
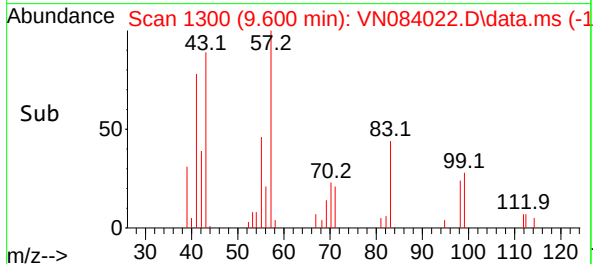
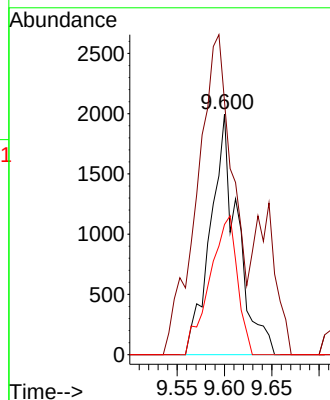
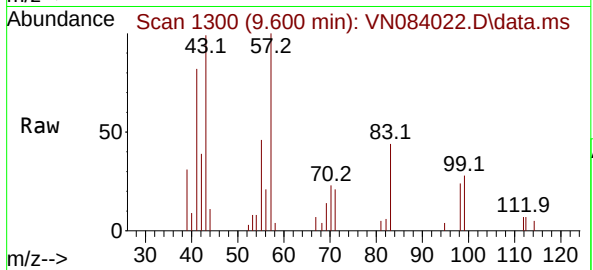




#39
Methylcyclohexane
Concen: 1.322 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

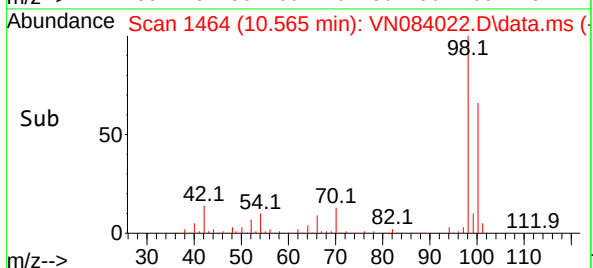
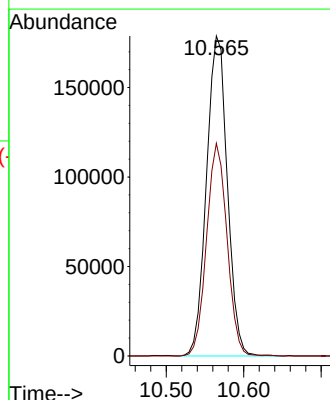
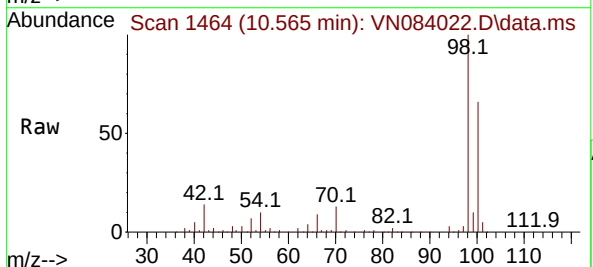
Instrument :
MSVOA_N
ClientSampleId :
FDF-3DL

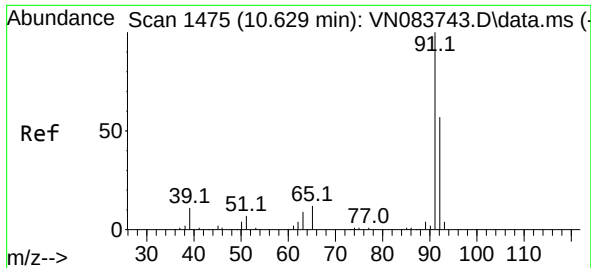
Tgt Ion: 83 Resp: 4000
Ion Ratio Lower Upper
83 100
55 83.0 62.2 93.4
98 54.1 37.6 56.4



#50
Toluene-d8
Concen: 54.661 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

Tgt Ion: 98 Resp: 333805
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

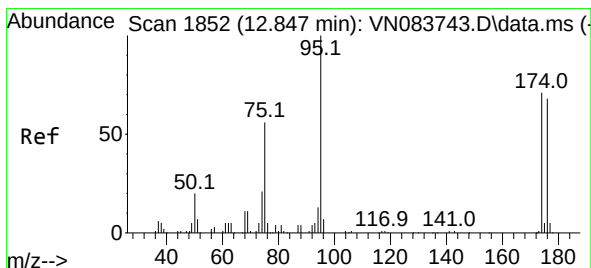
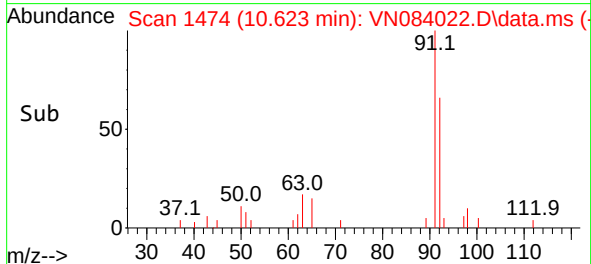
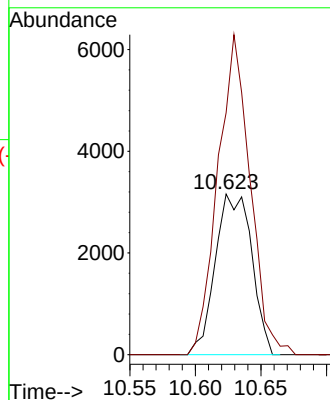
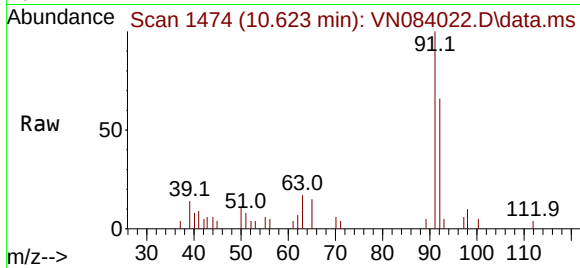




#52
Toluene
Concen: 1.249 ug/l
RT: 10.623 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

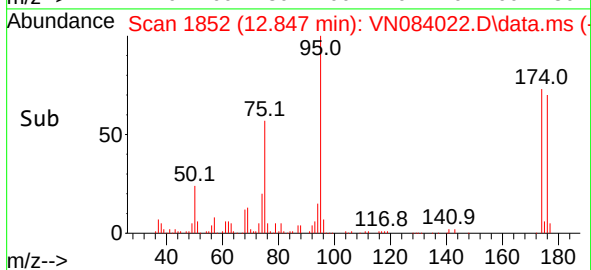
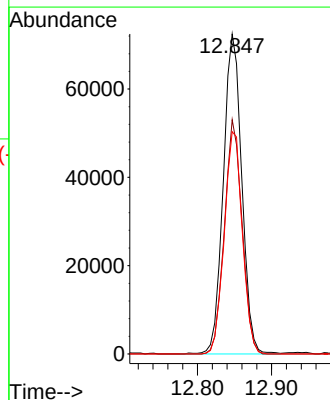
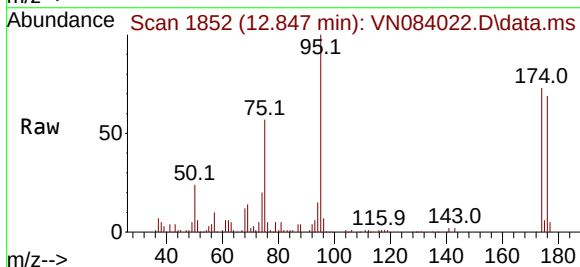
Instrument :
MSVOA_N
ClientSampleId :
FDF-3DL

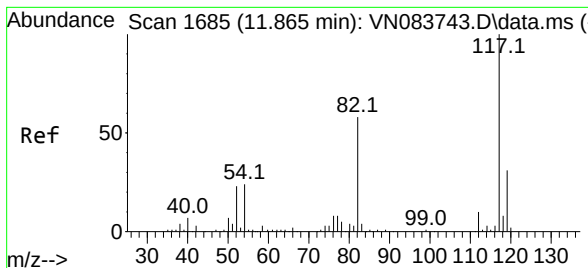
Tgt Ion: 92 Resp: 6112
Ion Ratio Lower Upper
92 100
91 176.4 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 49.687 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

Tgt Ion: 95 Resp: 125187
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 68.2 0.0 131.4

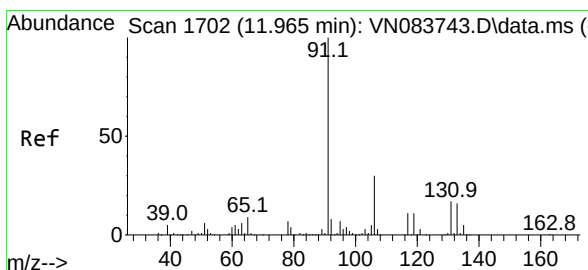
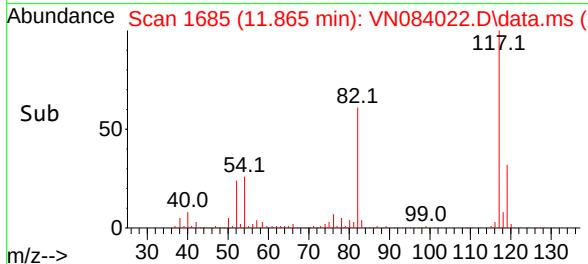
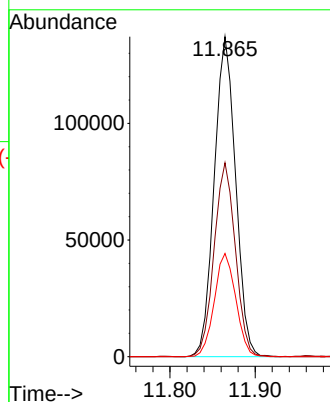
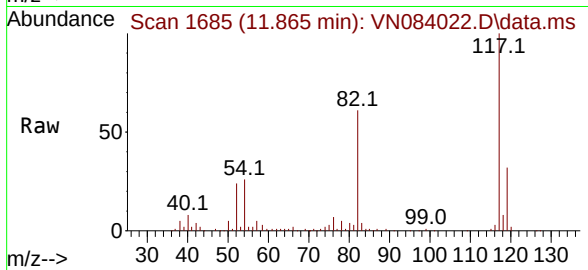




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

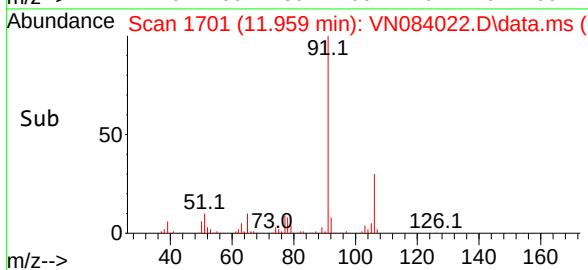
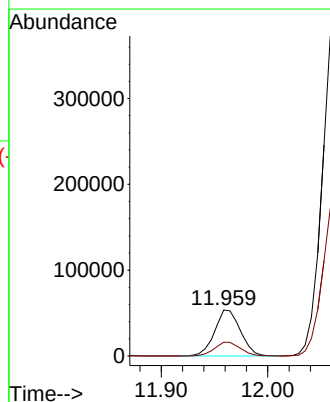
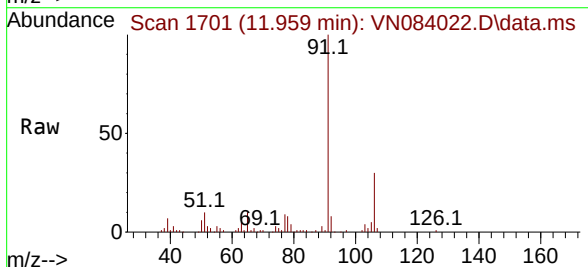
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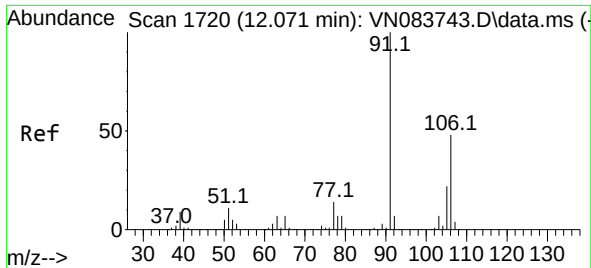
Tgt Ion:117 Resp: 239125
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.0
119 32.3 26.3 39.5



#67
Ethyl Benzene
Concen: 9.511 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

Tgt Ion: 91 Resp: 89790
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

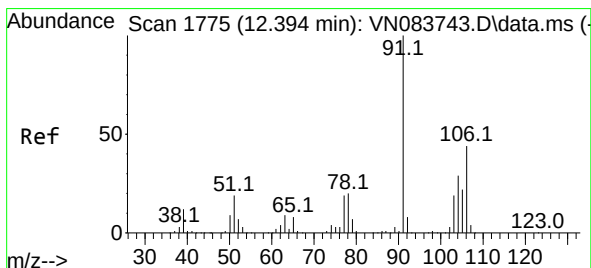
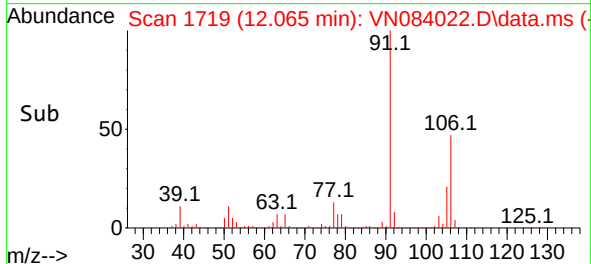
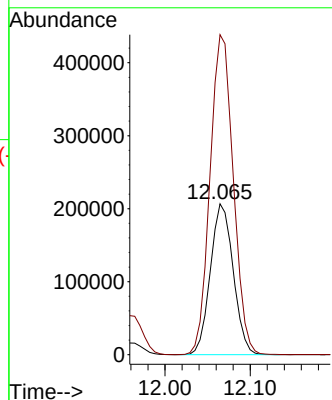
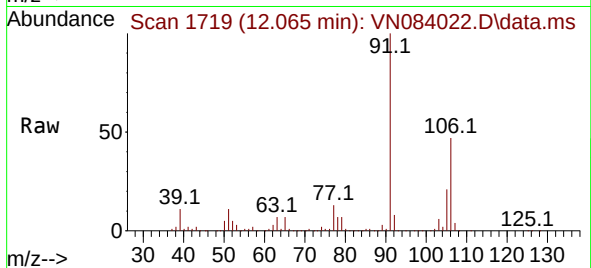




#68
m/p-Xylenes
Concen: 109.987 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

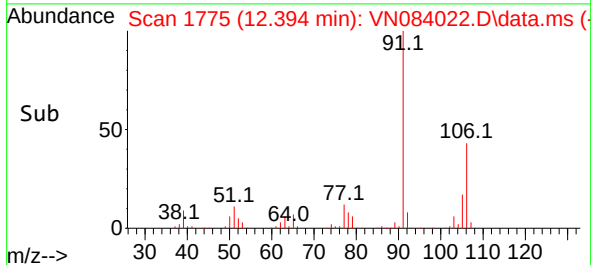
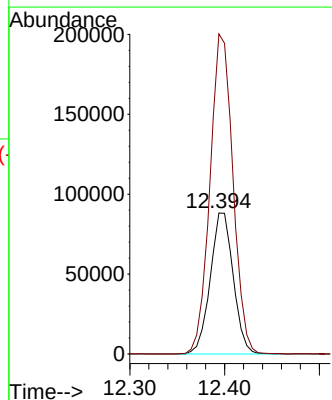
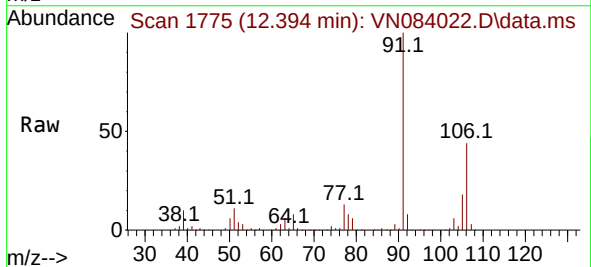
Instrument :
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ClientSampleId :
FDF-3DL

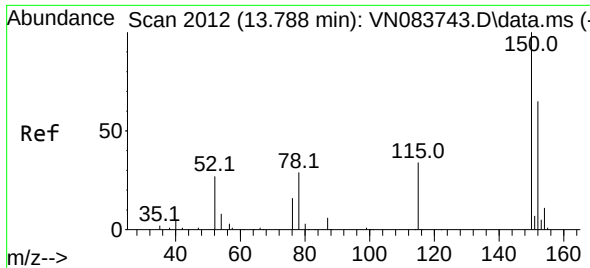
Tgt Ion:106 Resp: 385521
Ion Ratio Lower Upper
106 100
91 215.8 169.2 253.8



#69
o-Xylene
Concen: 43.786 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

Tgt Ion:106 Resp: 148578
Ion Ratio Lower Upper
106 100
91 227.2 112.9 338.6

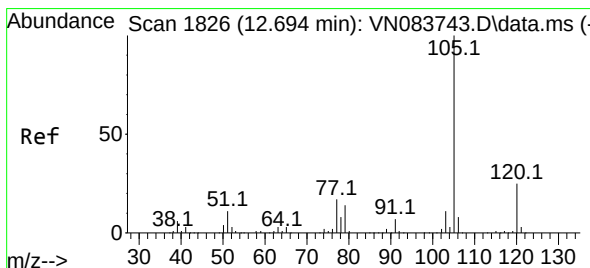
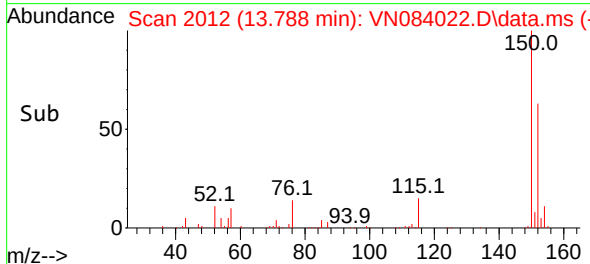
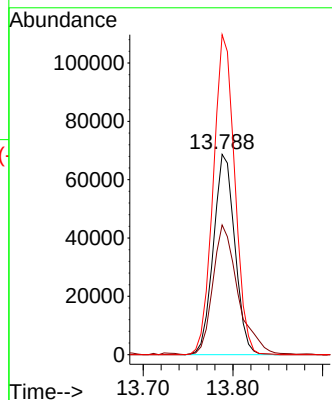
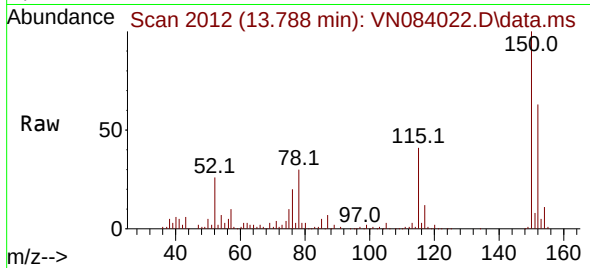




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

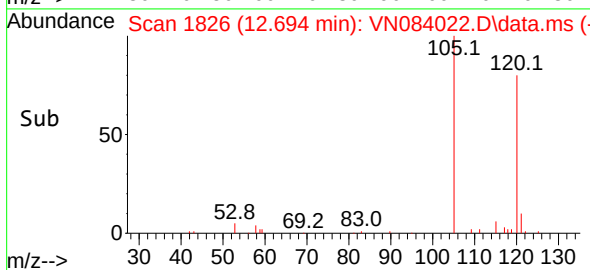
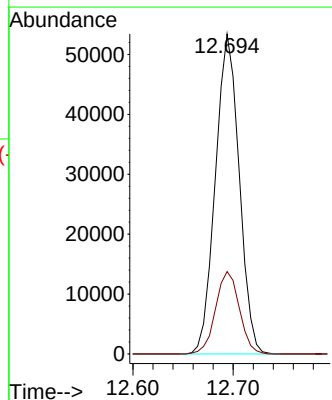
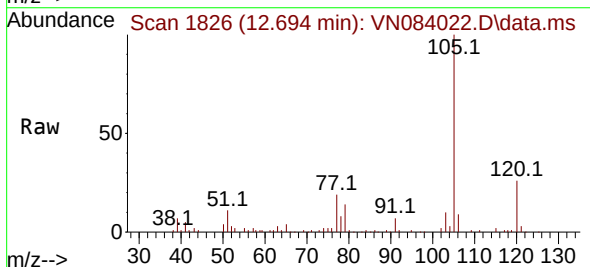
Instrument :
MSVOA_N
ClientSampleId :
FDF-3DL

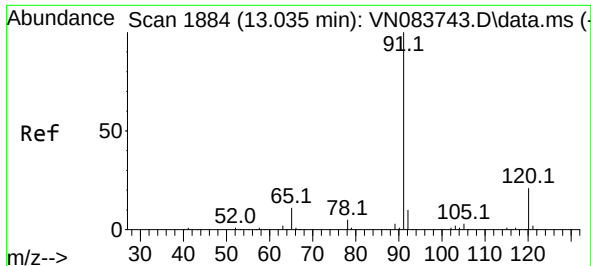
Tgt Ion:152 Resp: 114093
Ion Ratio Lower Upper
152 100
115 76.1 32.2 96.6
150 160.2 0.0 348.6



#73
Isopropylbenzene
Concen: 9.970 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

Tgt Ion:105 Resp: 88001
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8

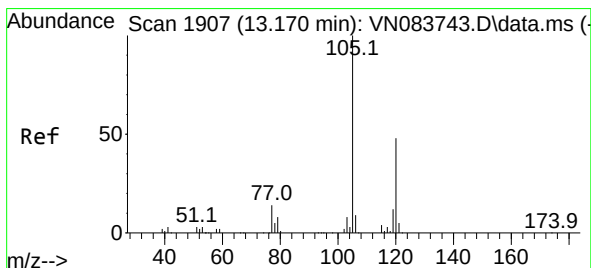
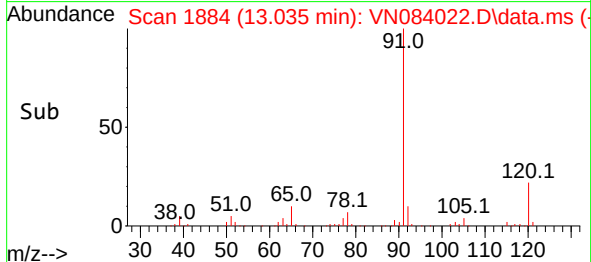
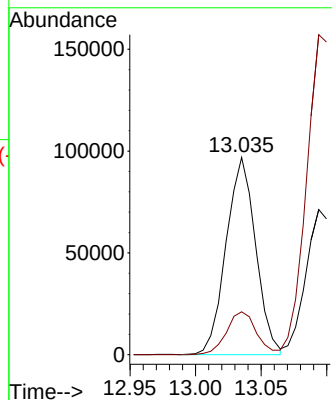
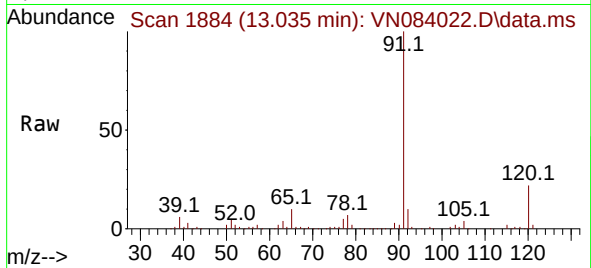




#78
n-propylbenzene
Concen: 14.810 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

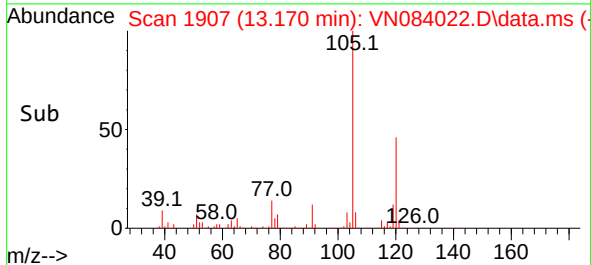
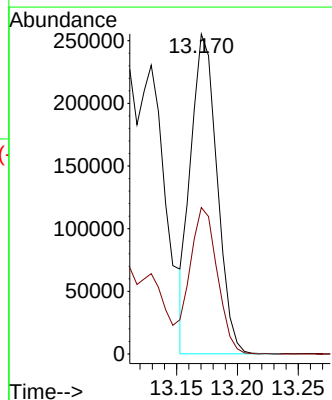
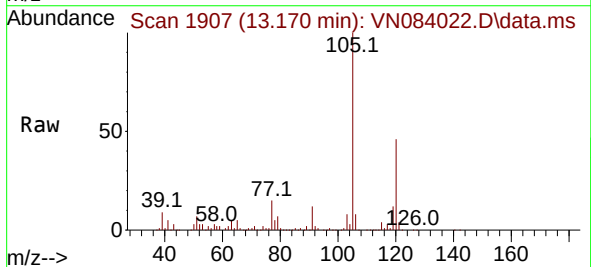
Instrument :
MSVOA_N
ClientSampleId :
FDF-3DL

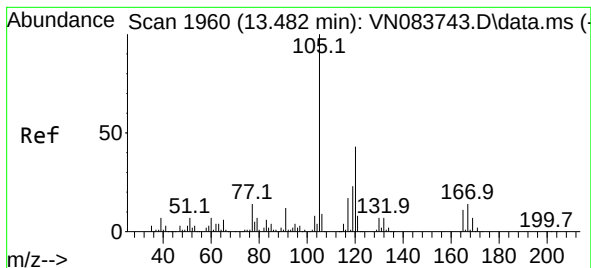
Tgt Ion: 91 Resp: 152101
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0



#80
1,3,5-Trimethylbenzene
Concen: 51.470 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084022.D
Acq: 19 Sep 2024 09:20

Tgt Ion: 105 Resp: 383037
Ion Ratio Lower Upper
105 100
120 48.9 23.4 70.3





#84

1,2,4-Trimethylbenzene

Concen: 184.037 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084022.D

Acq: 19 Sep 2024 09:20

Instrument :

MSVOA_N

ClientSampleId :

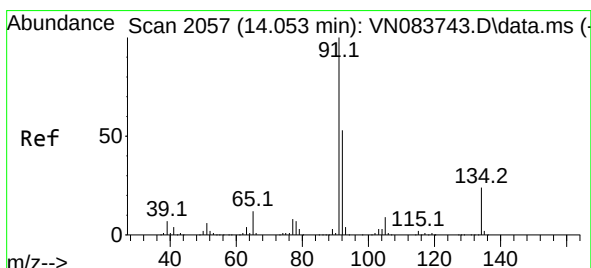
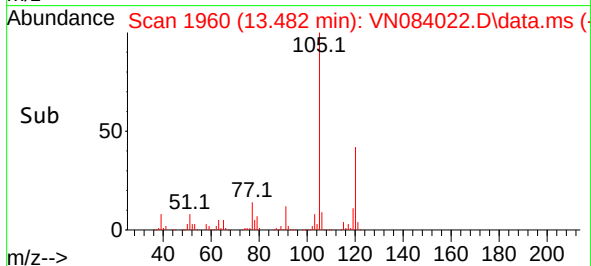
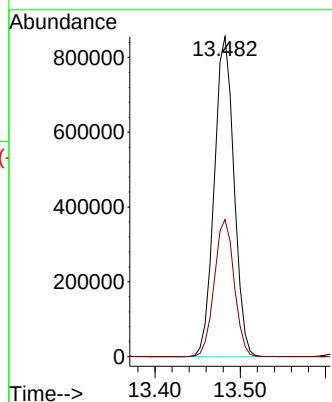
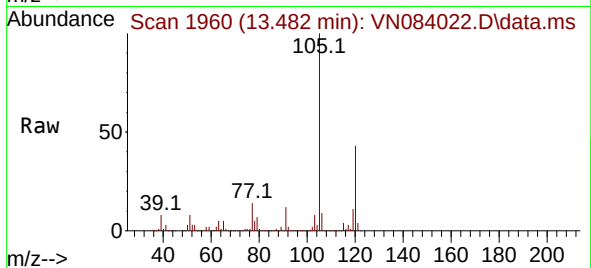
FDF-3DL

Tgt Ion:105 Resp: 1375774

Ion Ratio Lower Upper

105 100

120 43.2 21.8 65.4



#89

n-Butylbenzene

Concen: 3.781 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084022.D

Acq: 19 Sep 2024 09:20

Tgt Ion: 91 Resp: 24574

Ion Ratio Lower Upper

91 100

92 67.1 26.7 80.1

134 0.0 12.2 36.4#

