

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084027.D
 Acq On : 19 Sep 2024 11:20
 Operator : JC\MD
 Sample : P3964-07DL 100X
 Misc : 7.88g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-4DL

Quant Time: Sep 19 13:35:09 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)

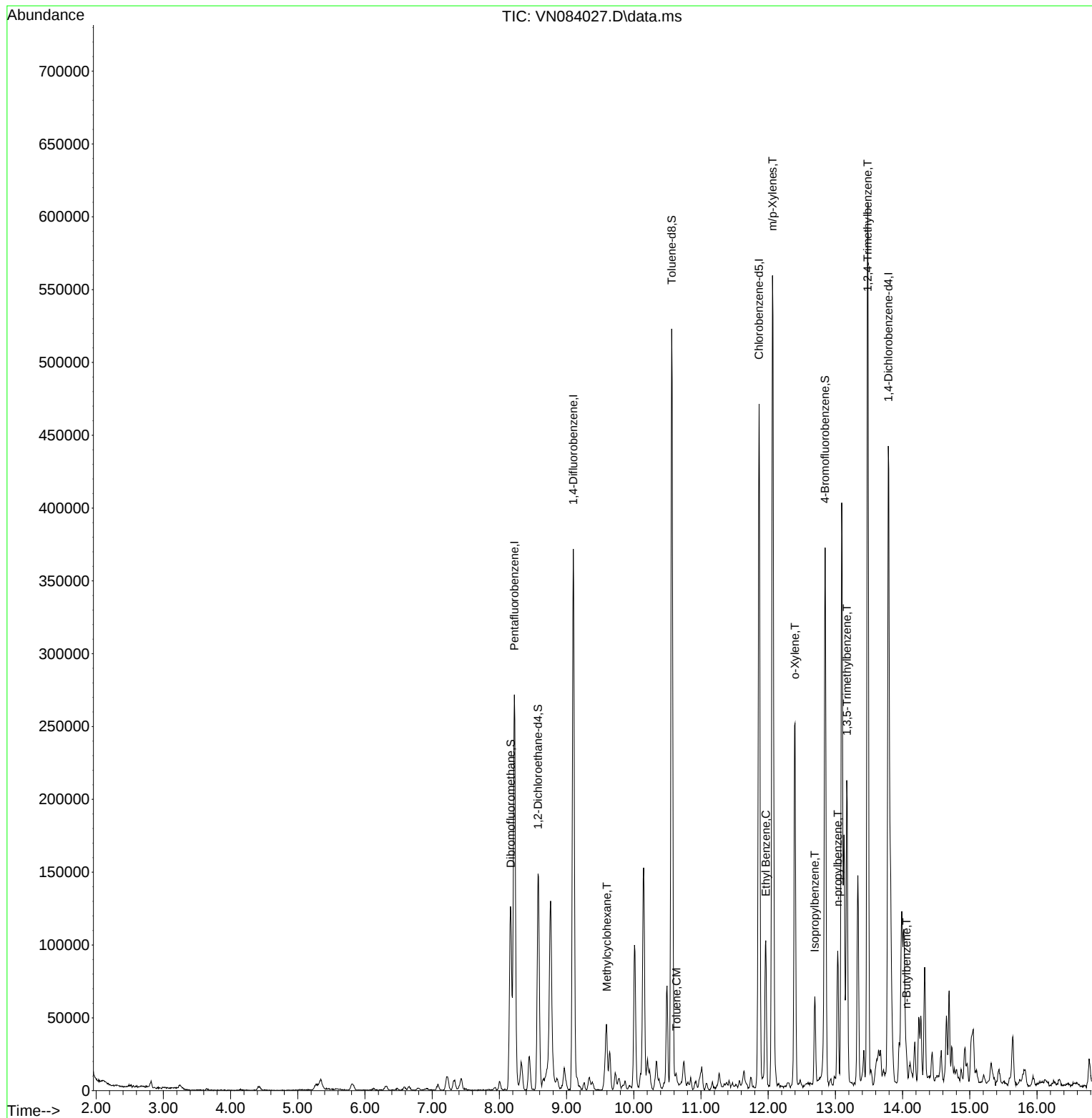
Internal Standards						
1) Pentafluorobenzene	8.224	168	168011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127991	50.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.040%	
35) Dibromofluoromethane	8.171	113	90533	48.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.680%	
50) Toluene-d8	10.565	98	346402	54.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.847	95	126458	47.833	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.660%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	7799	2.456	ug/l #	81
52) Toluene	10.635	92	4119	0.802	ug/l	93
67) Ethyl Benzene	11.965	91	72651	7.586	ug/l	98
68) m/p-Xylenes	12.065	106	167586	47.132	ug/l	98
69) o-Xylene	12.400	106	65530	19.037	ug/l	97
73) Isopropylbenzene	12.694	105	39736	4.865	ug/l	98
78) n-propylbenzene	13.035	91	72625	7.642	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	105294	15.290	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	344394	49.786	ug/l	100
89) n-Butylbenzene	14.059	91	7710	1.282	ug/l #	65

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

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Response via : Initial Calibration

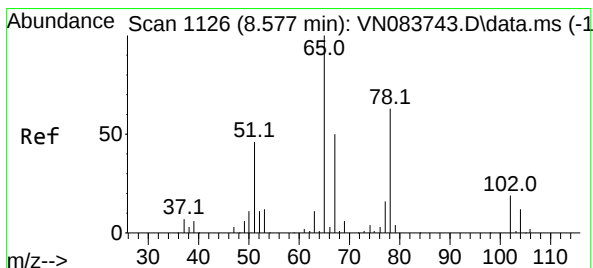
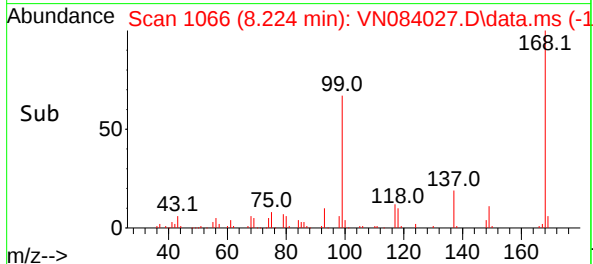
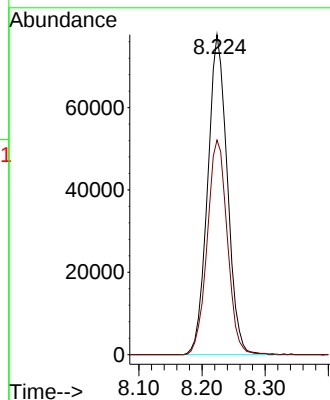
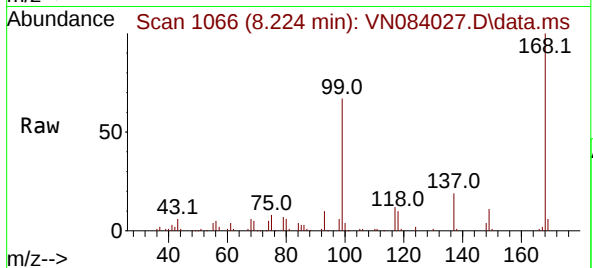




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

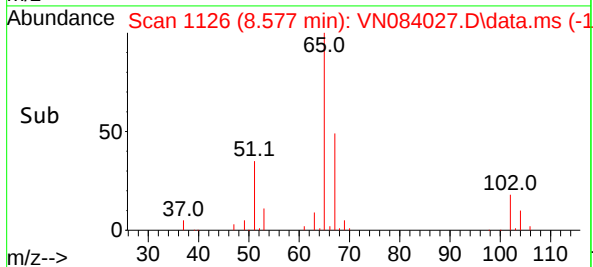
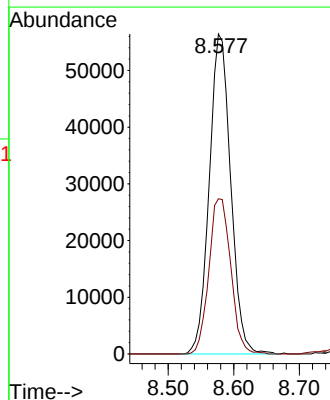
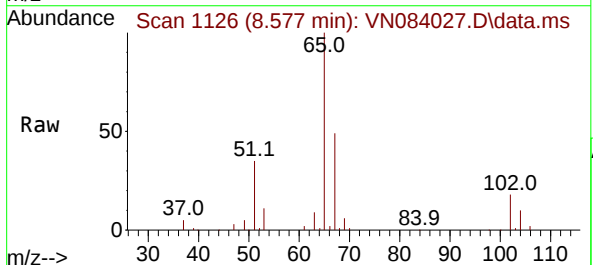
Instrument :
MSVOA_N
ClientSampleId :
FDF-4DL

Tgt Ion:168 Resp: 168011
Ion Ratio Lower Upper
168 100
99 67.1 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.522 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

Tgt Ion: 65 Resp: 127991
Ion Ratio Lower Upper
65 100
67 49.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084027.D

Acq: 19 Sep 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

FDF-4DL

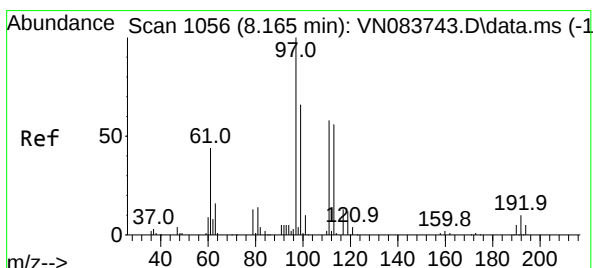
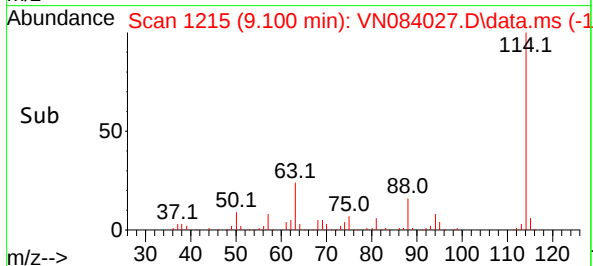
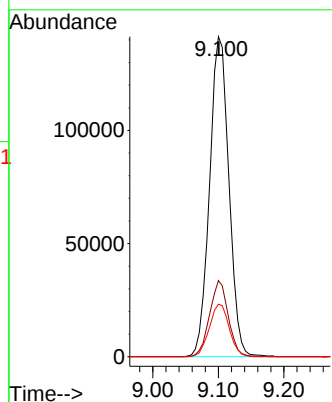
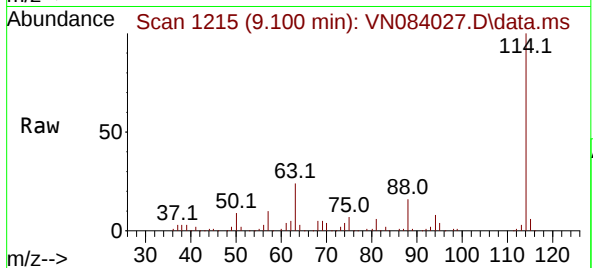
Tgt Ion:114 Resp: 289538

Ion Ratio Lower Upper

114 100

63 23.8 0.0 43.4

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.842 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084027.D

Acq: 19 Sep 2024 11:20

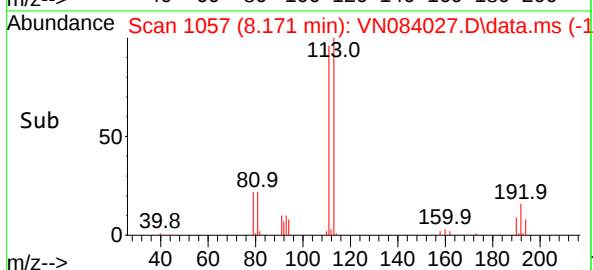
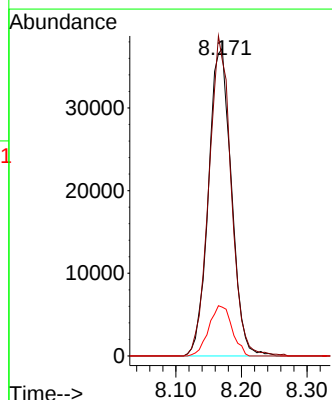
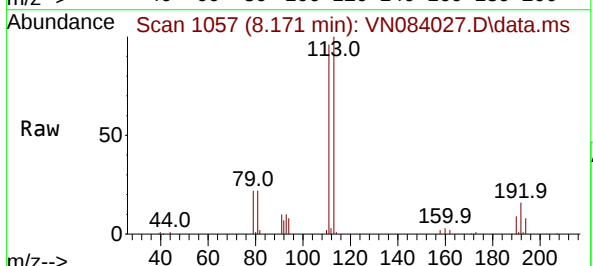
Tgt Ion:113 Resp: 90533

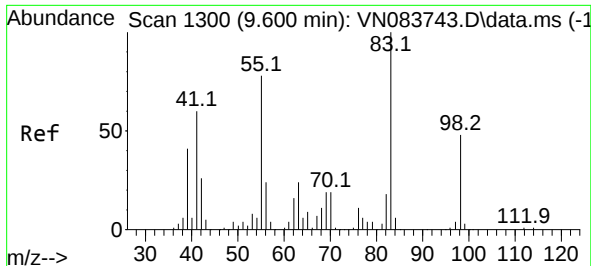
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 16.4 14.3 21.5

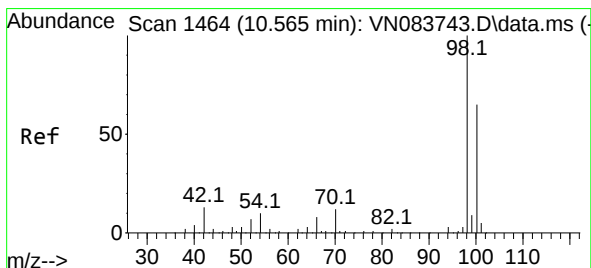
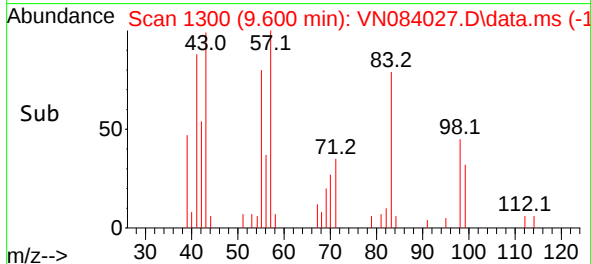
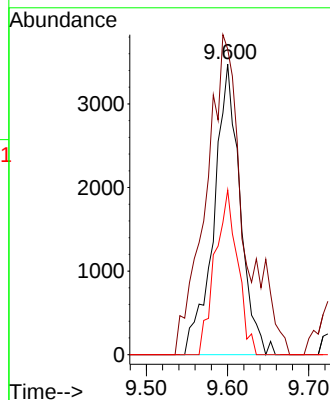
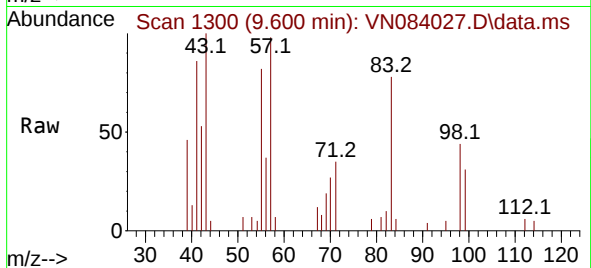




#39
Methylcyclohexane
Concen: 2.456 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

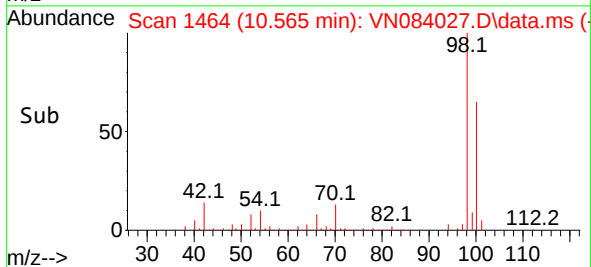
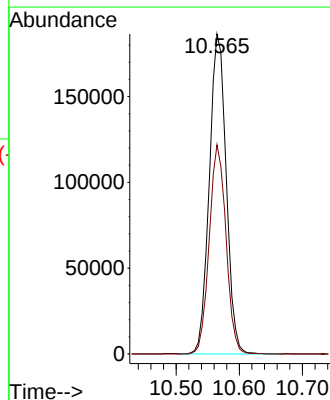
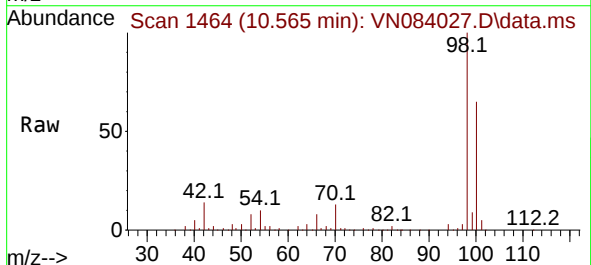
Instrument :
MSVOA_N
ClientSampleId :
FDF-4DL

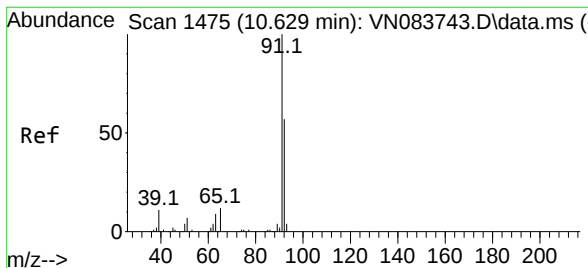
Tgt Ion: 83 Resp: 7799
Ion Ratio Lower Upper
83 100
55 97.2 62.2 93.4#
98 56.6 37.6 56.4#



#50
Toluene-d8
Concen: 54.058 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

Tgt Ion: 98 Resp: 346402
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#52

Toluene

Concen: 0.802 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN084027.D

Acq: 19 Sep 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

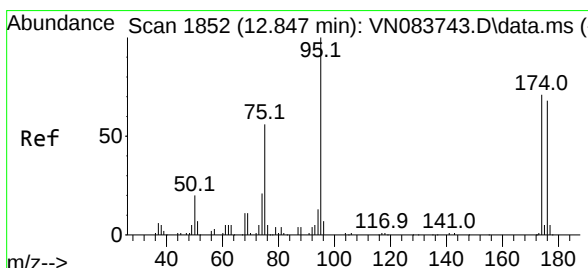
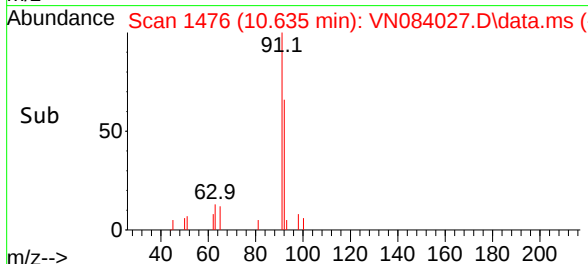
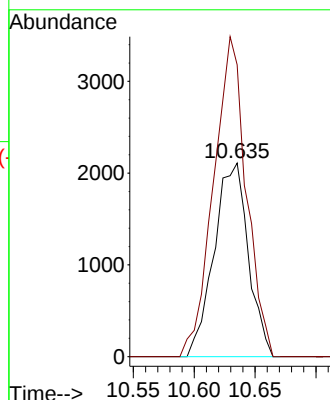
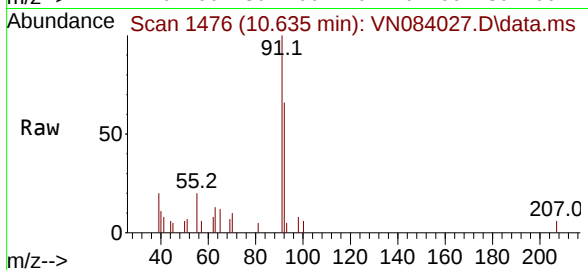
FDF-4DL

Tgt Ion: 92 Resp: 4119

Ion Ratio Lower Upper

92 100

91 158.5 134.7 202.1



#62

4-Bromofluorobenzene

Concen: 47.833 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084027.D

Acq: 19 Sep 2024 11:20

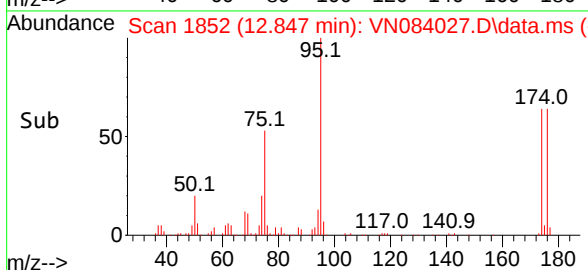
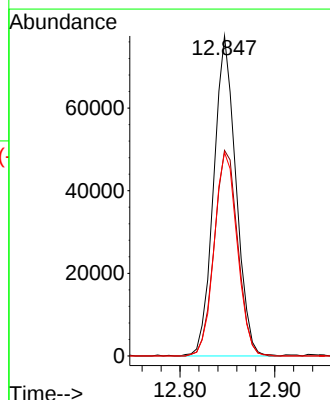
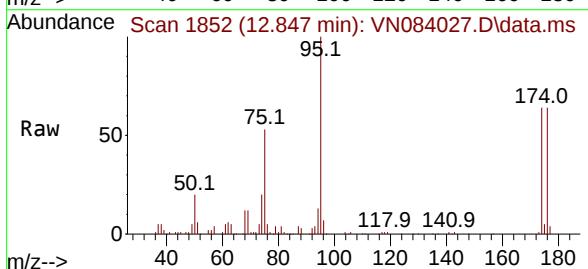
Tgt Ion: 95 Resp: 126458

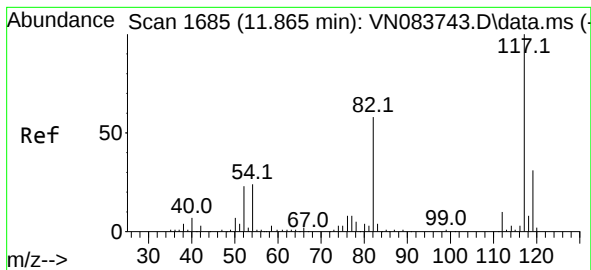
Ion Ratio Lower Upper

95 100

174 67.7 0.0 139.8

176 65.8 0.0 131.4

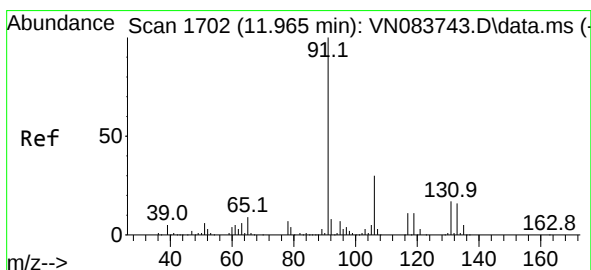
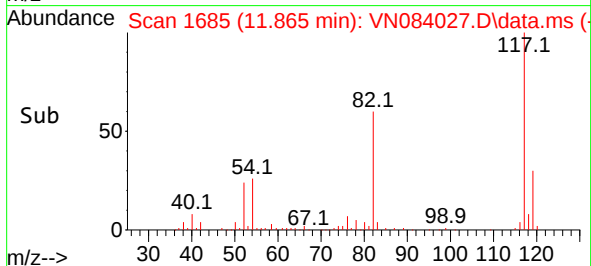
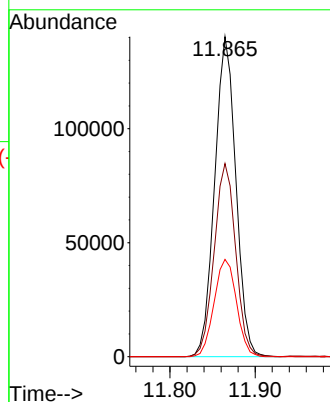
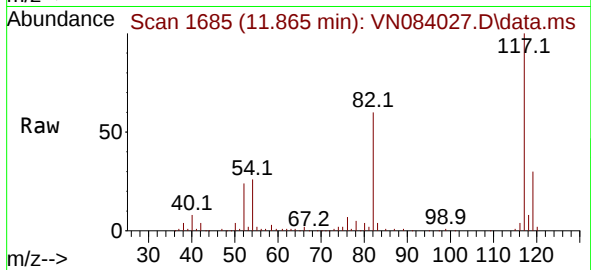




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

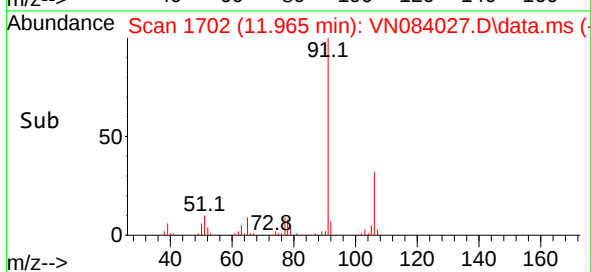
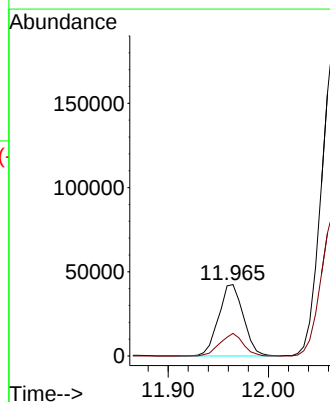
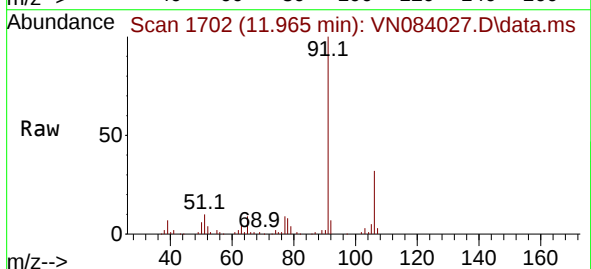
Instrument :
MSVOA_N
ClientSampleId :
FDF-4DL

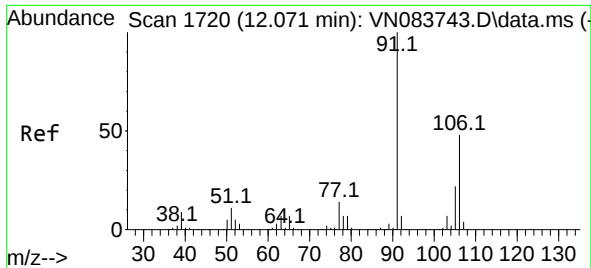
Tgt Ion:117 Resp: 242574
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.0
119 30.4 26.3 39.5



#67
Ethyl Benzene
Concen: 7.586 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

Tgt Ion: 91 Resp: 72651
Ion Ratio Lower Upper
91 100
106 31.6 24.3 36.5

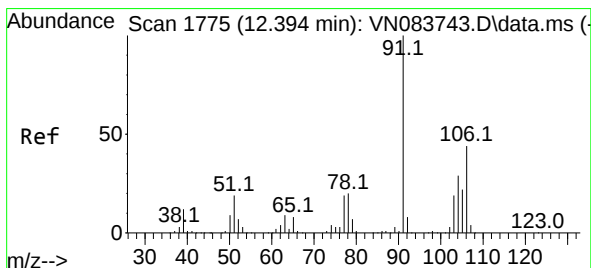
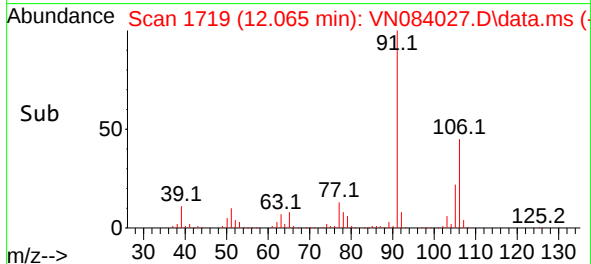
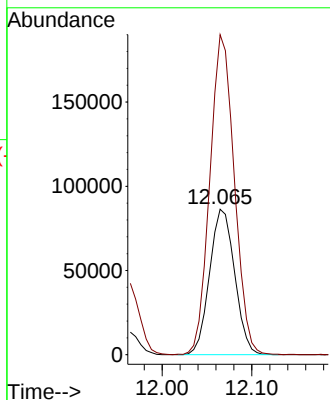
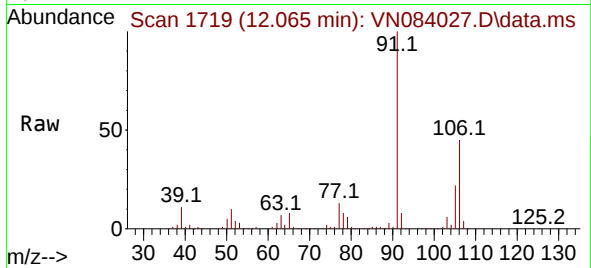




#68
m/p-Xylenes
Concen: 47.132 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

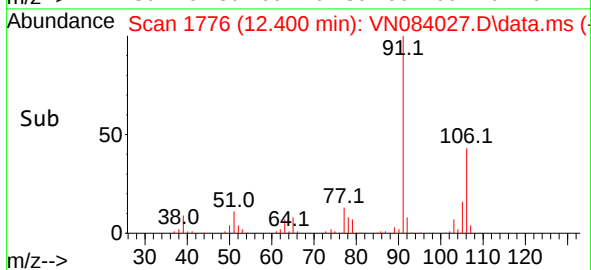
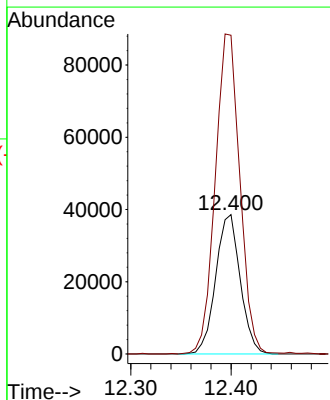
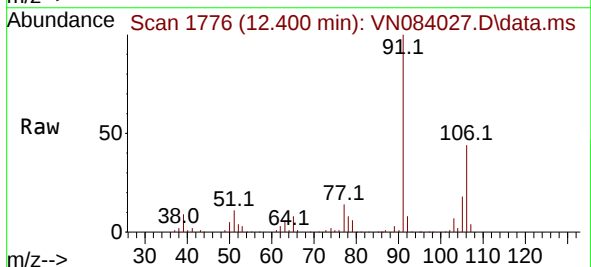
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MSVOA_N
ClientSampleId :
FDF-4DL

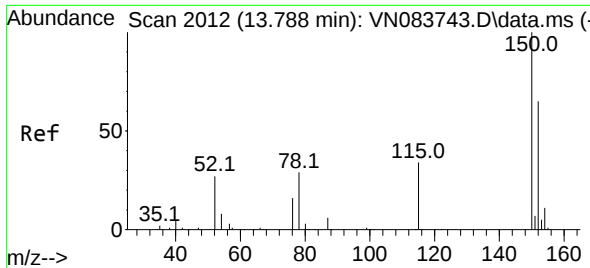
Tgt Ion:106 Resp: 167586
Ion Ratio Lower Upper
106 100
91 214.8 169.2 253.8



#69
o-Xylene
Concen: 19.037 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

Tgt Ion:106 Resp: 65530
Ion Ratio Lower Upper
106 100
91 230.6 112.9 338.6

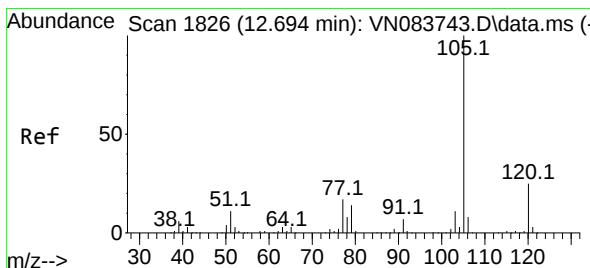
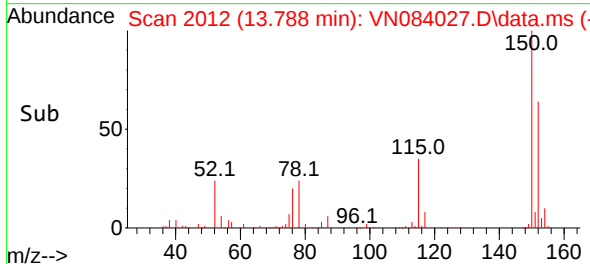
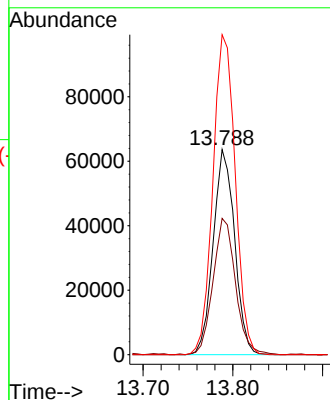
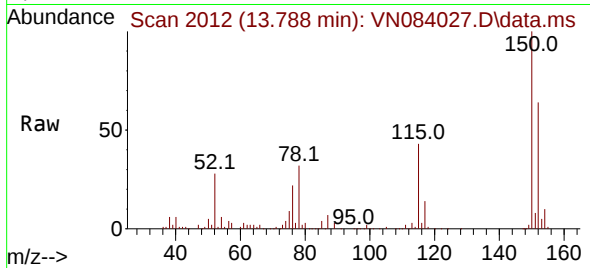




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

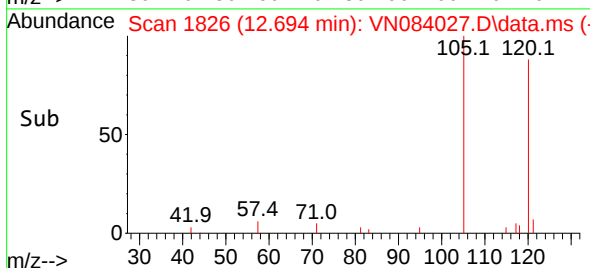
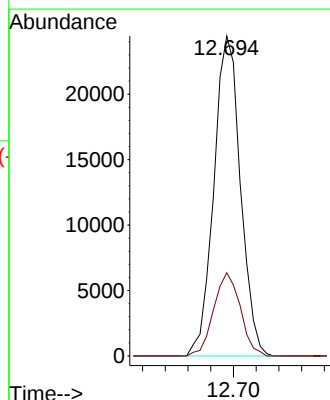
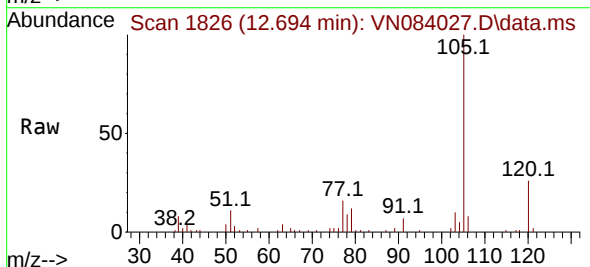
Instrument :
MSVOA_N
ClientSampleId :
FDF-4DL

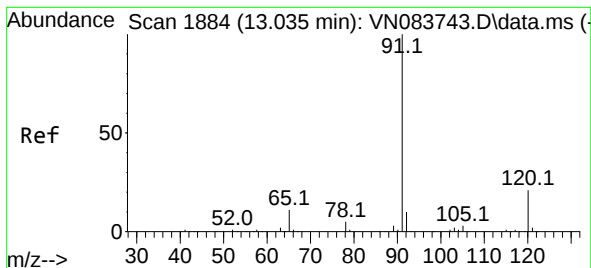
Tgt Ion:152 Resp: 105575
Ion Ratio Lower Upper
152 100
115 69.8 32.2 96.6
150 162.2 0.0 348.6



#73
Isopropylbenzene
Concen: 4.865 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084027.D
Acq: 19 Sep 2024 11:20

Tgt Ion:105 Resp: 39736
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.8





#78

n-propylbenzene

Concen: 7.642 ug/l

RT: 13.035 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084027.D

Acq: 19 Sep 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

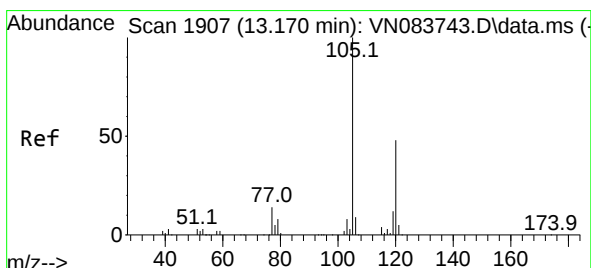
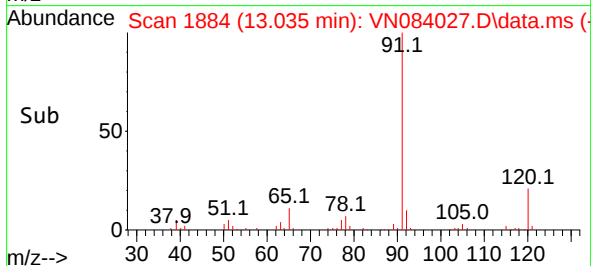
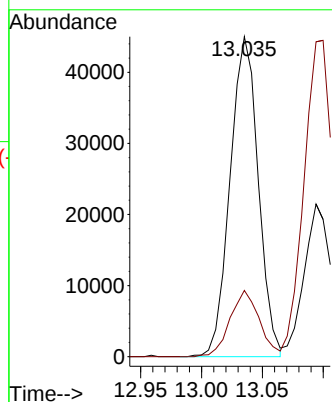
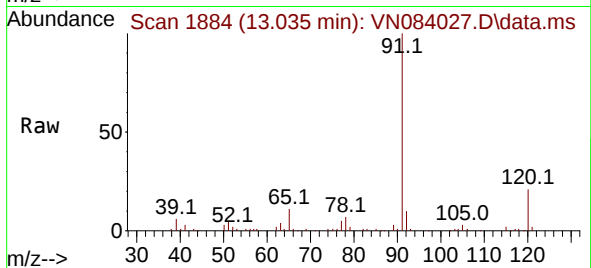
FDF-4DL

Tgt Ion: 91 Resp: 72625

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0



#80

1,3,5-Trimethylbenzene

Concen: 15.290 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084027.D

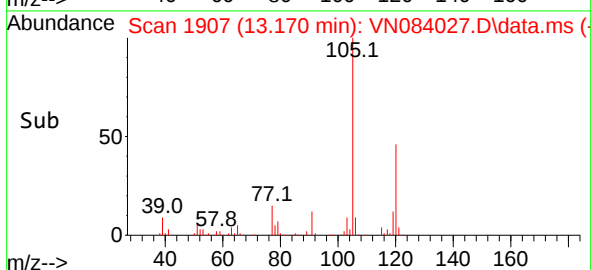
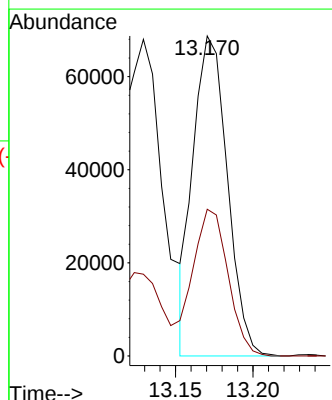
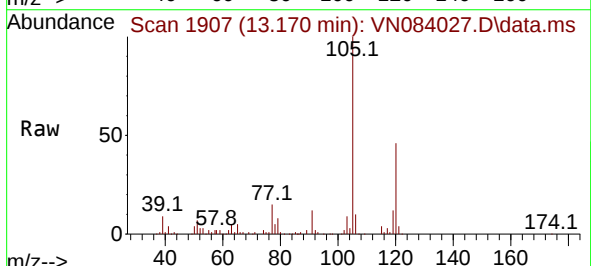
Acq: 19 Sep 2024 11:20

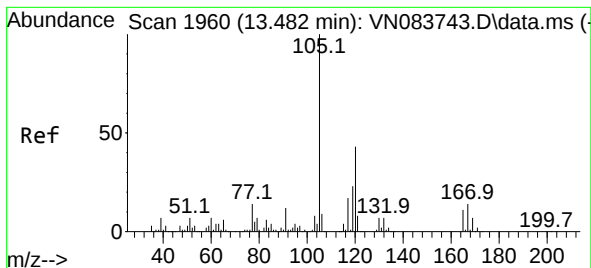
Tgt Ion:105 Resp: 105294

Ion Ratio Lower Upper

105 100

120 48.4 23.4 70.3





#84

1,2,4-Trimethylbenzene

Concen: 49.786 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084027.D

Acq: 19 Sep 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

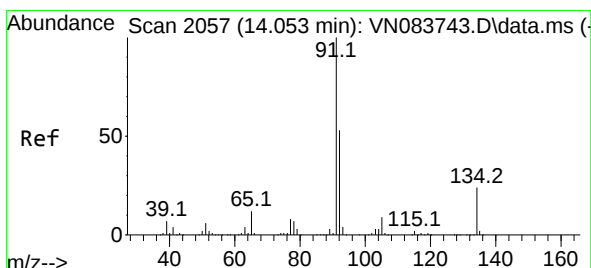
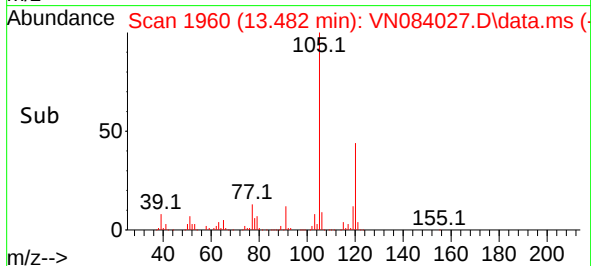
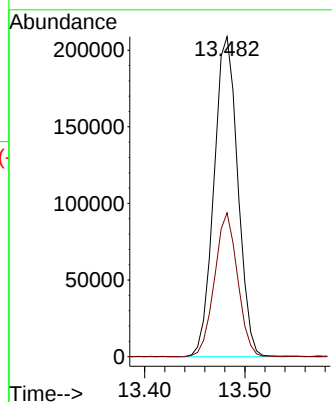
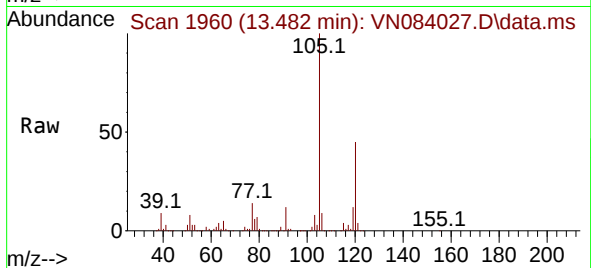
FDF-4DL

Tgt Ion:105 Resp: 344394

Ion Ratio Lower Upper

105 100

120 43.4 21.8 65.4



#89

n-Butylbenzene

Concen: 1.282 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN084027.D

Acq: 19 Sep 2024 11:20

Tgt Ion: 91 Resp: 7710

Ion Ratio Lower Upper

91 100

92 73.4 26.7 80.1

134 0.0 12.2 36.4#

