

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081937.D
 Acq On : 30 Apr 2024 17:41
 Operator : JC\MD
 Sample : P2183-04
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1241

Quant Time: May 01 06:01:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

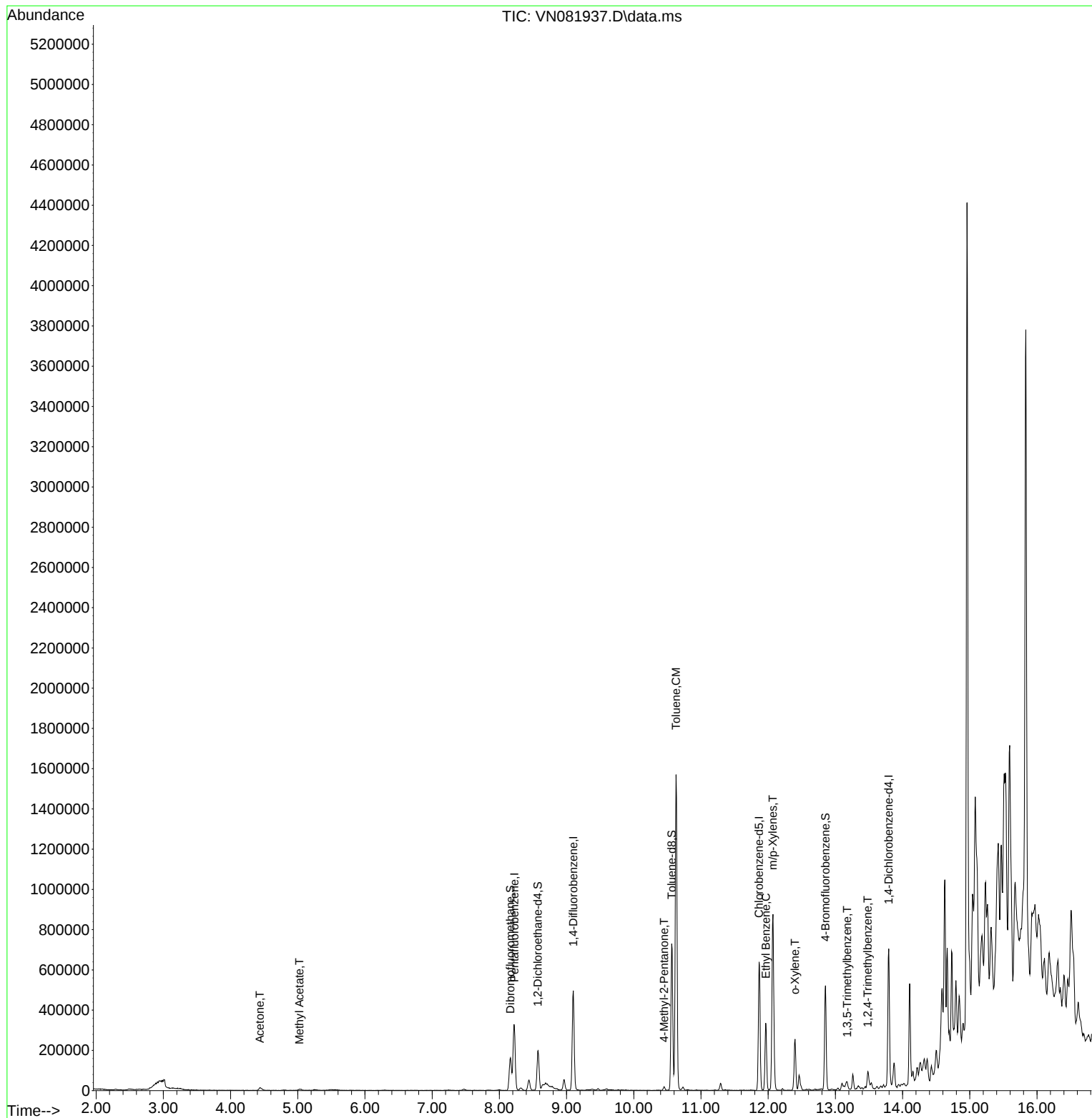
Internal Standards						
1) Pentafluorobenzene	8.224	168	210248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	155439	43.805	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.620%
35) Dibromofluoromethane	8.165	113	119355	48.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	10.565	98	496187	50.820	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.853	95	185109	47.960	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.920%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	24937	18.707	ug/l #	88
18) Methyl Acetate	5.024	43	13843	3.852	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	13178	2.847	ug/l	89
52) Toluene	10.630	92	681093	93.675	ug/l	99
67) Ethyl Benzene	11.965	91	245068	16.770	ug/l	98
68) m/p-Xylenes	12.071	106	278246	53.381	ug/l	97
69) o-Xylene	12.400	106	66476	13.063	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	13629	1.095	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	48585	3.908	ug/l	100

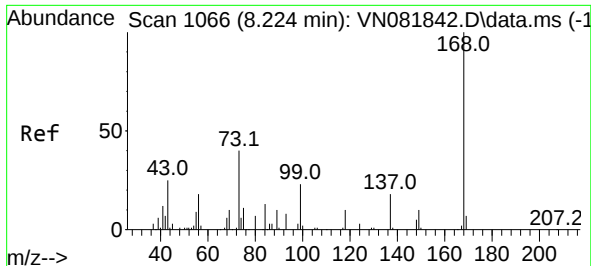
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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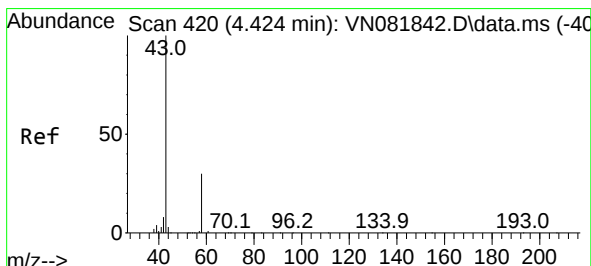
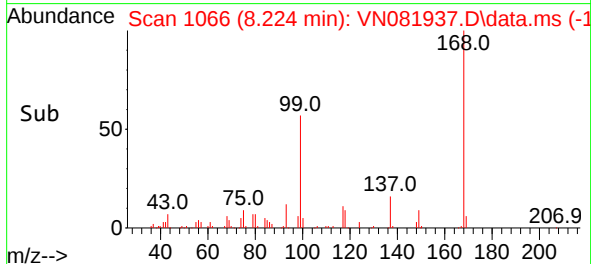
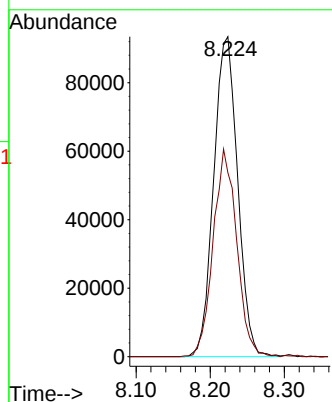
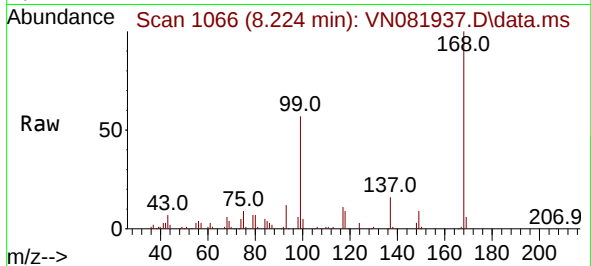




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

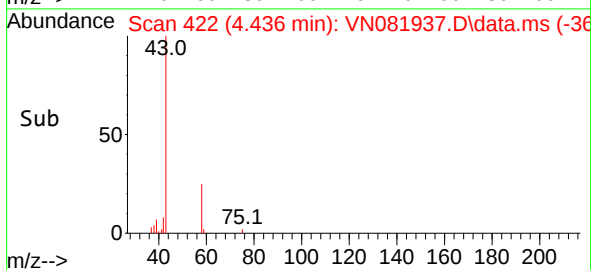
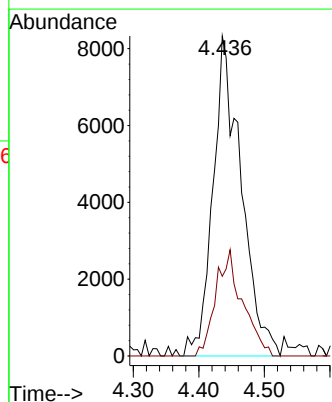
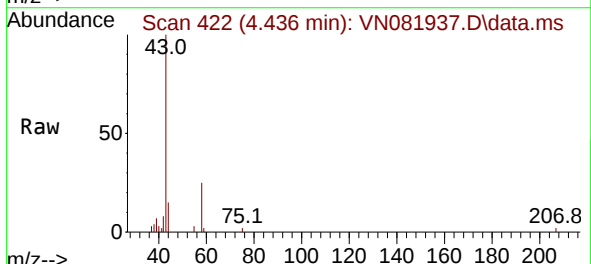
Instrument :
MSVOA_N
ClientSampleId :
1241

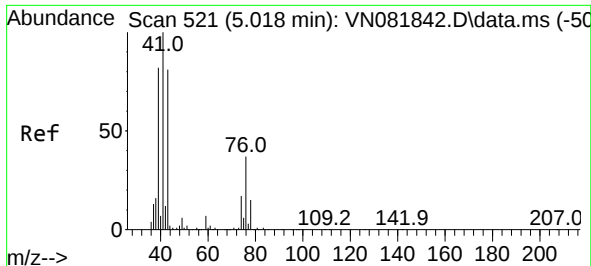
Tgt Ion:168 Resp: 210248
Ion Ratio Lower Upper
168 100
99 57.5 48.2 72.4



#16
Acetone
Concen: 18.707 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion: 43 Resp: 24937
Ion Ratio Lower Upper
43 100
58 24.9 25.2 37.8#

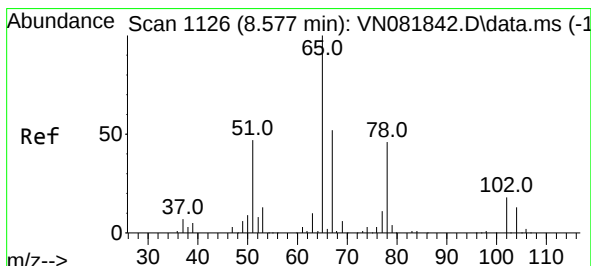
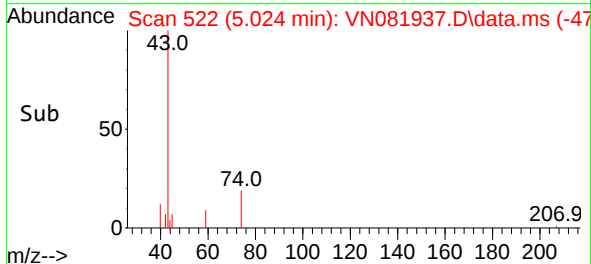
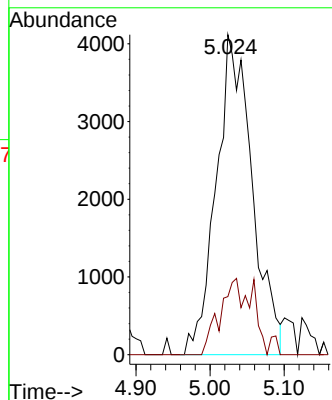
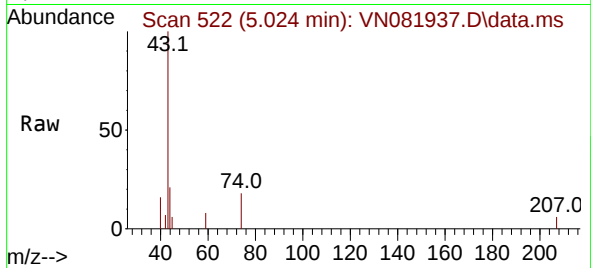




#18
Methyl Acetate
Concen: 3.852 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

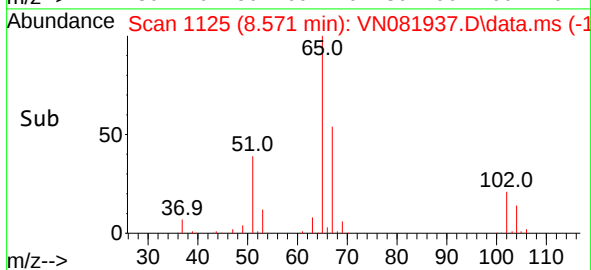
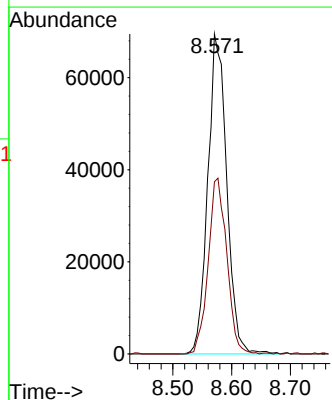
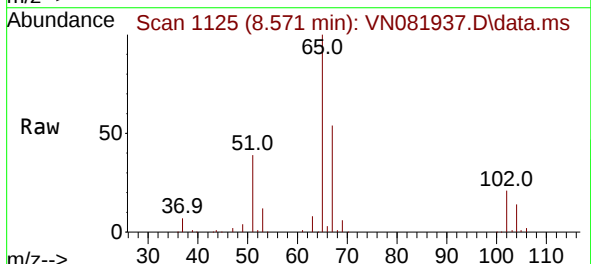
Instrument :
MSVOA_N
ClientSampleId :
1241

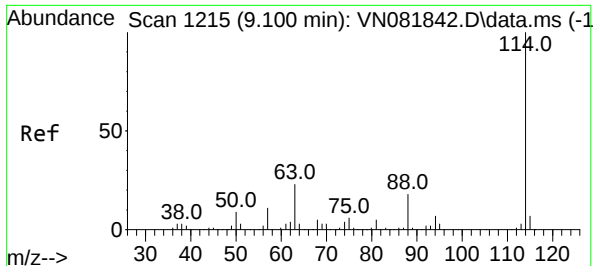
Tgt Ion: 43 Resp: 13843
Ion Ratio Lower Upper
43 100
74 21.2 22.2 33.2#



#33
1,2-Dichloroethane-d4
Concen: 43.805 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion: 65 Resp: 155439
Ion Ratio Lower Upper
65 100
67 54.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

1241

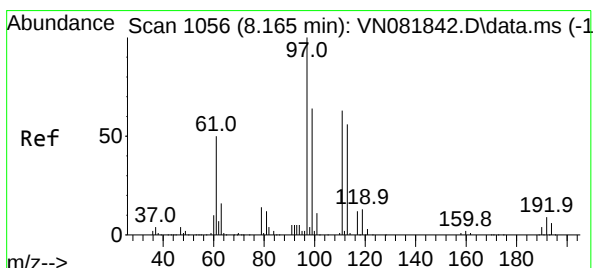
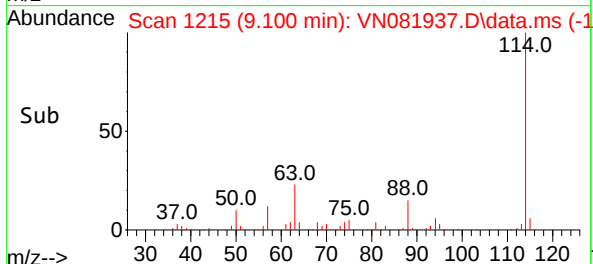
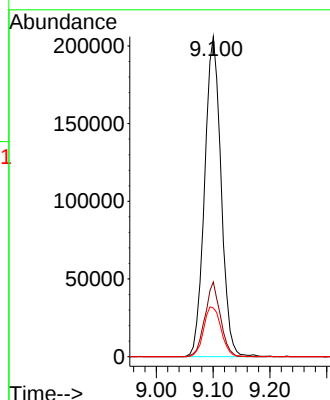
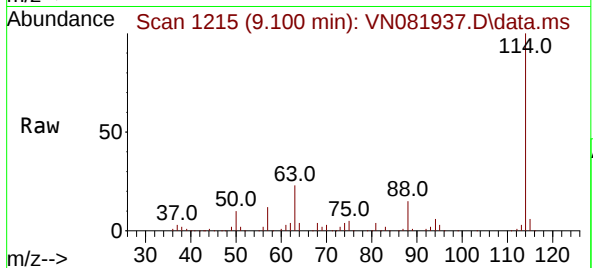
Tgt Ion:114 Resp: 412901

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.010 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

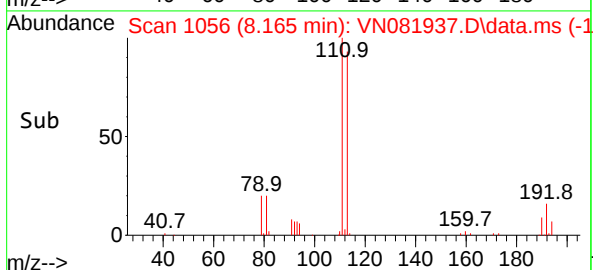
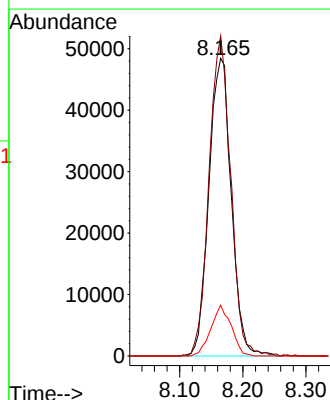
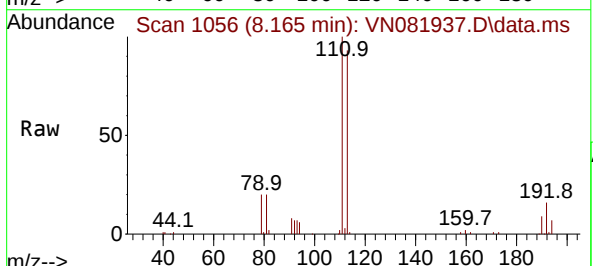
Tgt Ion:113 Resp: 119355

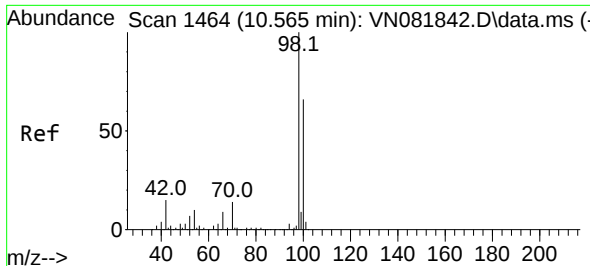
Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 15.5 14.0 21.0

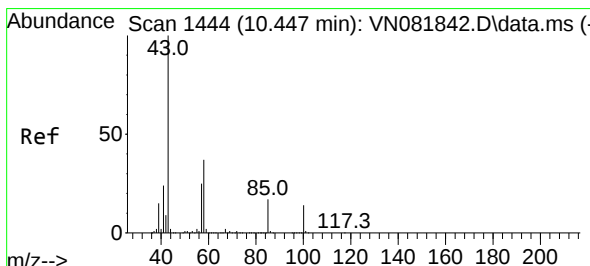
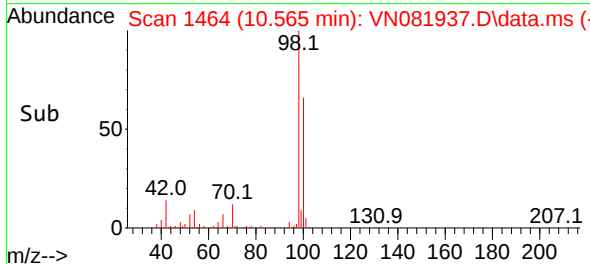
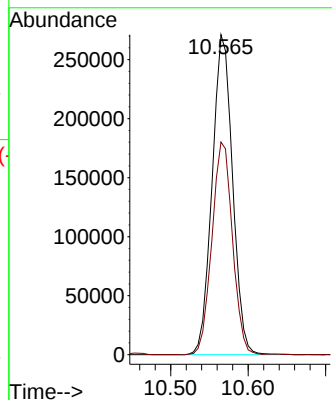
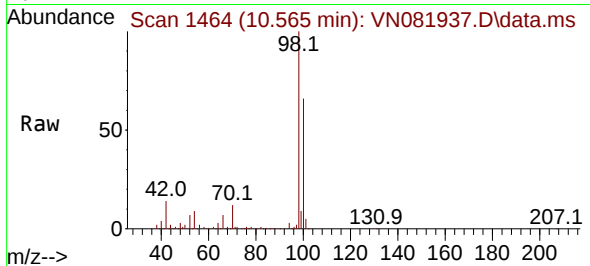




#50
Toluene-d8
Concen: 50.820 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

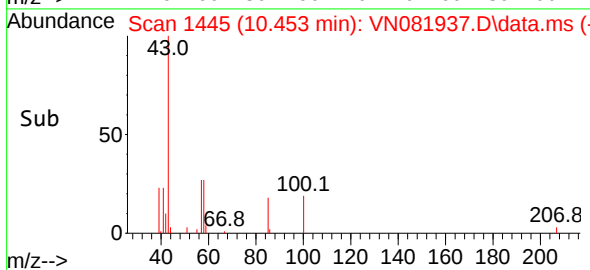
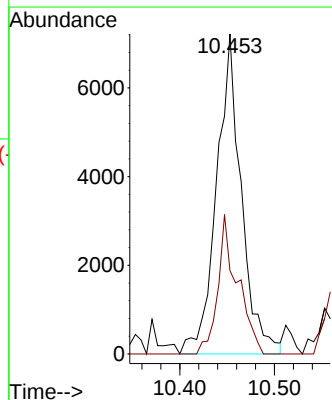
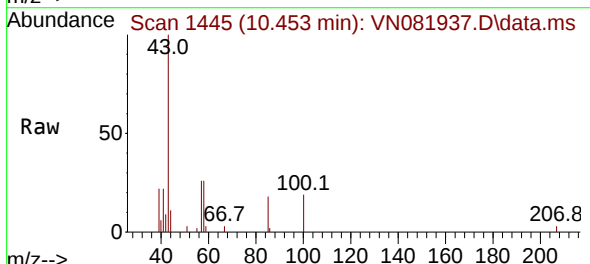
Instrument :
MSVOA_N
ClientSampleId :
1241

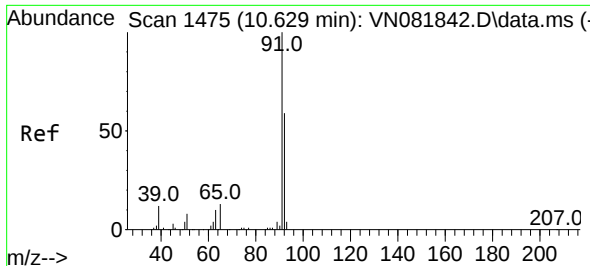
Tgt Ion: 98 Resp: 496187
Ion Ratio Lower Upper
98 100
100 66.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 2.847 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion: 43 Resp: 13178
Ion Ratio Lower Upper
43 100
58 34.6 33.2 49.8

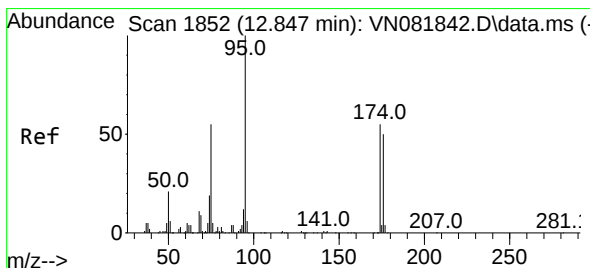
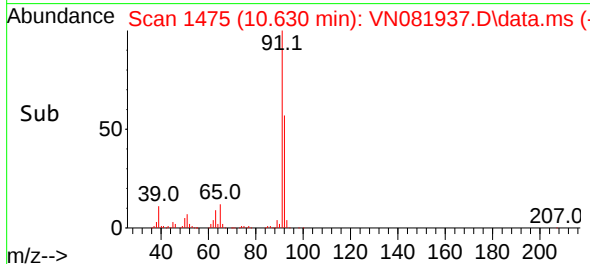
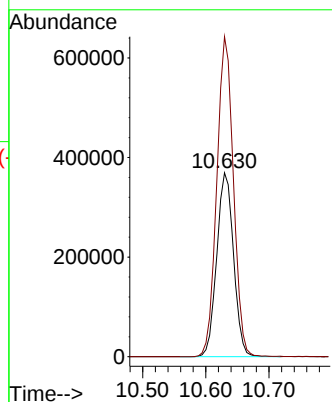
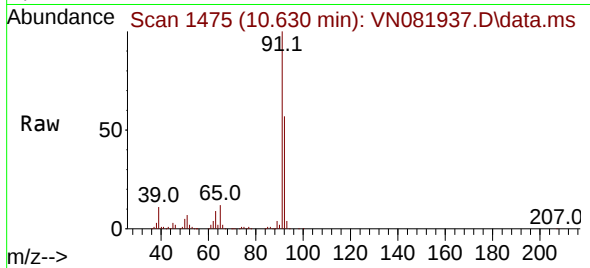




#52
Toluene
Concen: 93.675 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

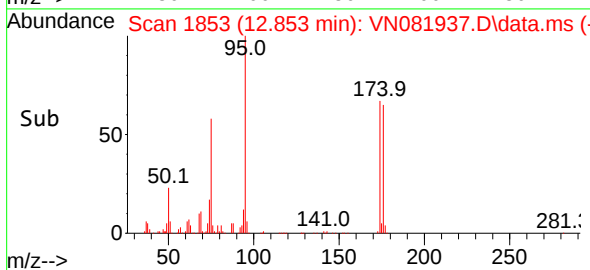
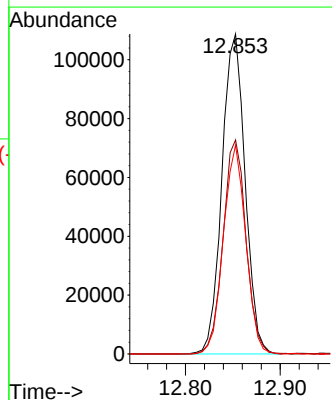
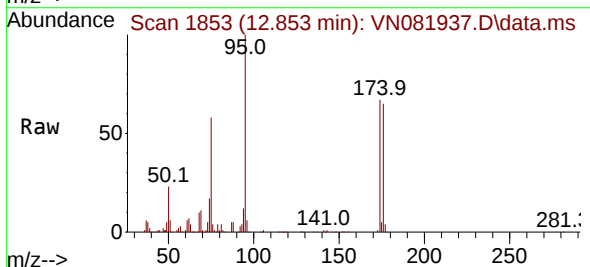
Instrument :
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ClientSampleId :
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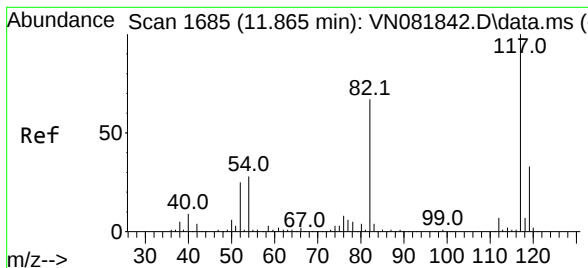
Tgt Ion: 92 Resp: 681093
Ion Ratio Lower Upper
92 100
91 172.6 136.7 205.1



#62
4-Bromofluorobenzene
Concen: 47.960 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion: 95 Resp: 185109
Ion Ratio Lower Upper
95 100
174 66.3 0.0 160.6
176 63.0 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

1241

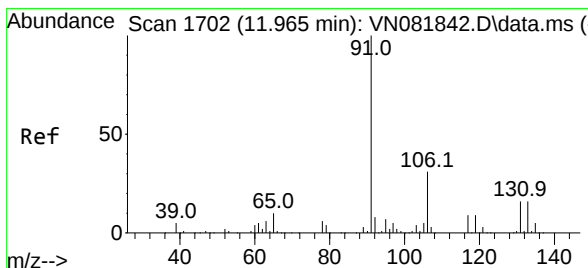
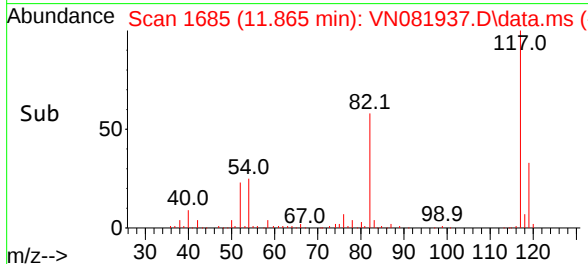
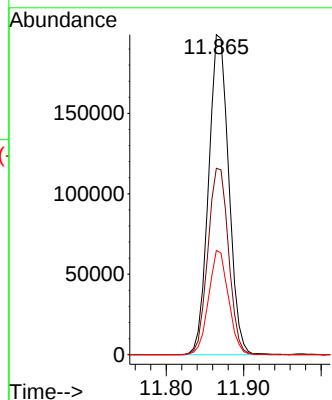
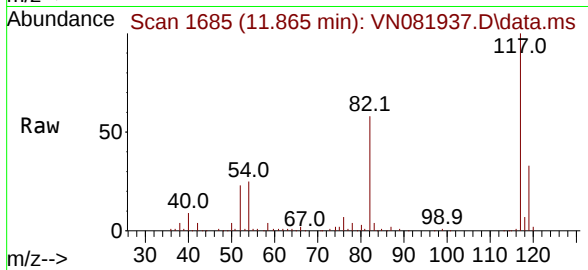
Tgt Ion:117 Resp: 359818

Ion Ratio Lower Upper

117 100

82 58.2 44.6 66.8

119 32.6 25.9 38.9



#67

Ethyl Benzene

Concen: 16.770 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN081937.D

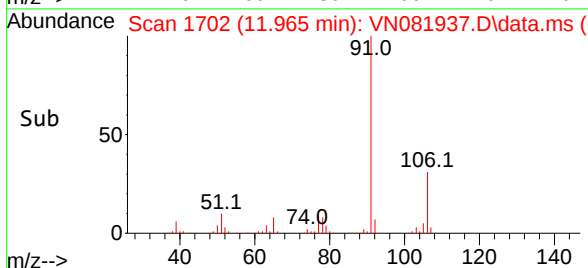
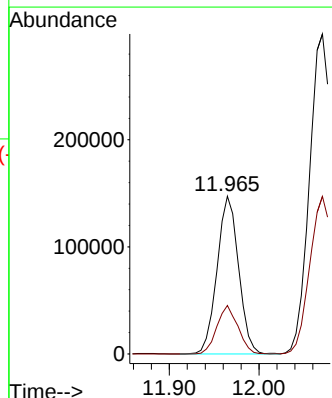
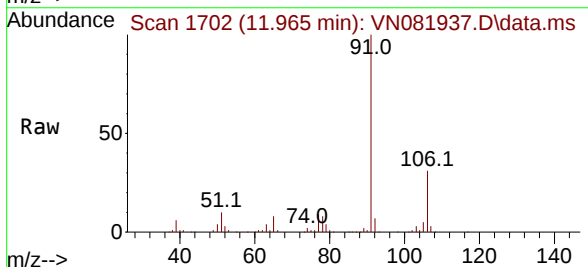
Acq: 30 Apr 2024 17:41

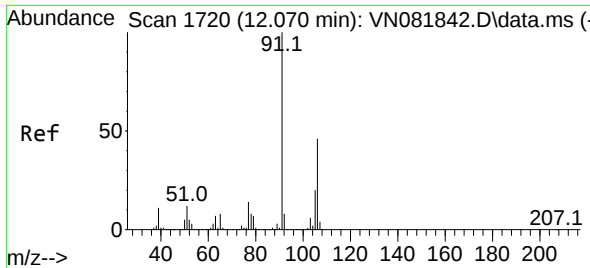
Tgt Ion: 91 Resp: 245068

Ion Ratio Lower Upper

91 100

106 30.7 25.3 37.9

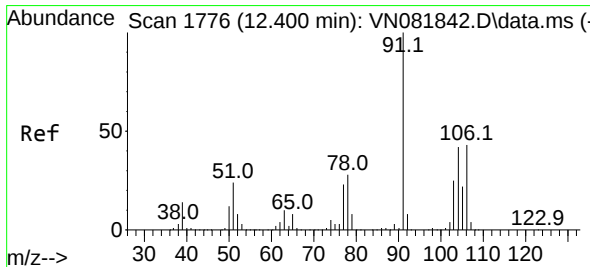
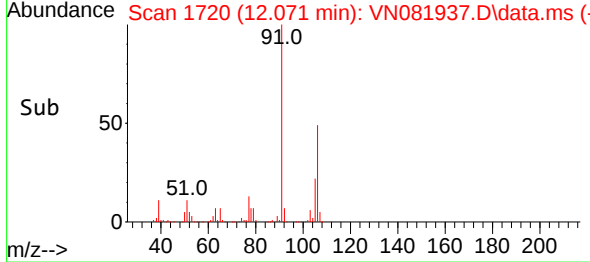
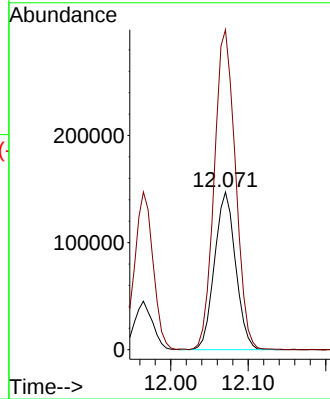
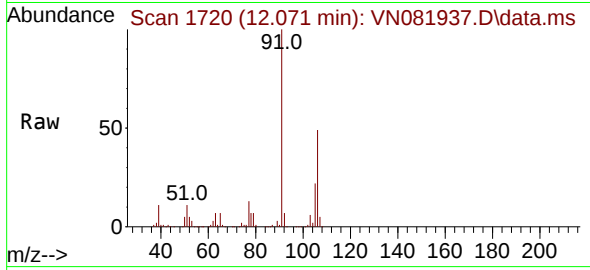




#68
m/p-Xylenes
Concen: 53.381 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

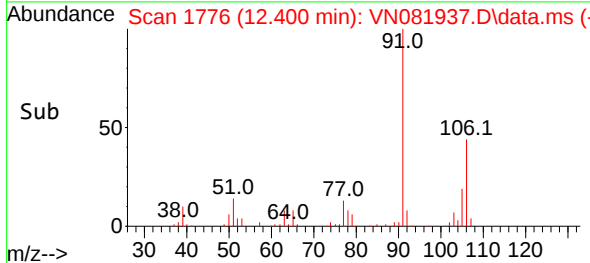
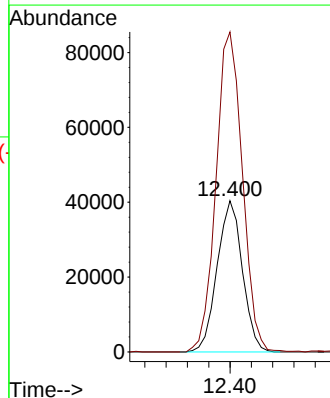
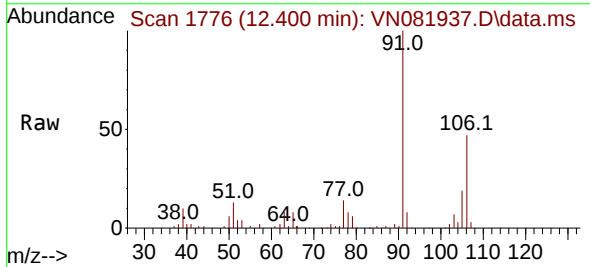
Instrument :
MSVOA_N
ClientSampleId :
1241

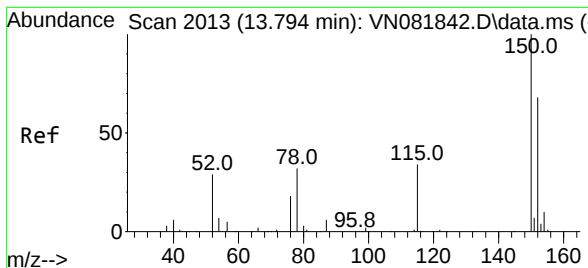
Tgt Ion:106 Resp: 278246
Ion Ratio Lower Upper
106 100
91 204.3 159.4 239.0



#69
o-Xylene
Concen: 13.063 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion:106 Resp: 66476
Ion Ratio Lower Upper
106 100
91 221.2 104.7 314.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

1241

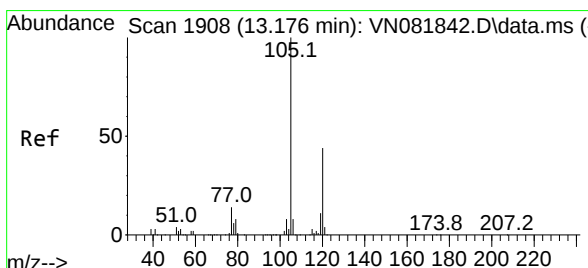
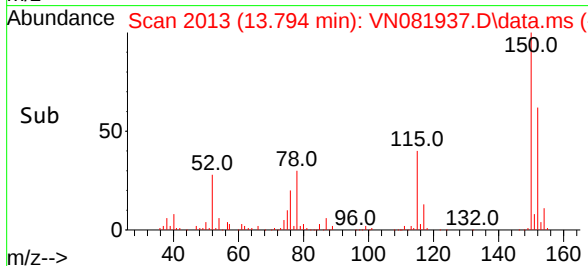
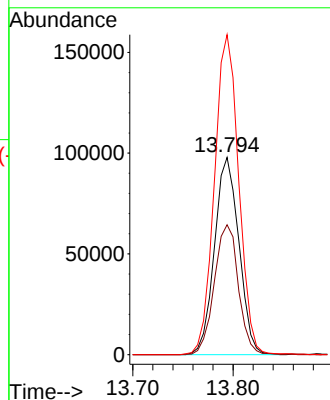
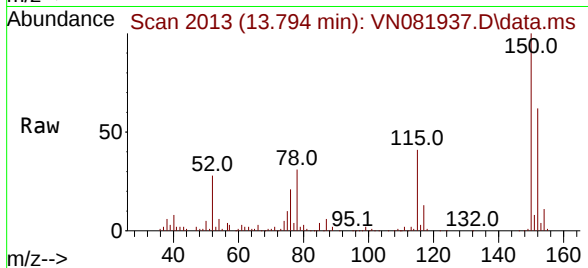
Tgt Ion:152 Resp: 165453

Ion Ratio Lower Upper

152 100

115 65.0 30.4 91.3

150 161.5 0.0 353.2



#80

1,3,5-Trimethylbenzene

Concen: 1.095 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081937.D

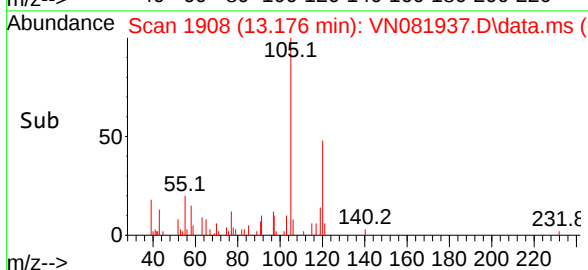
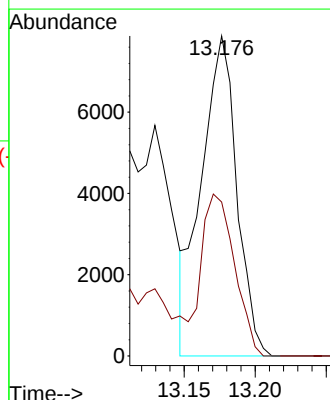
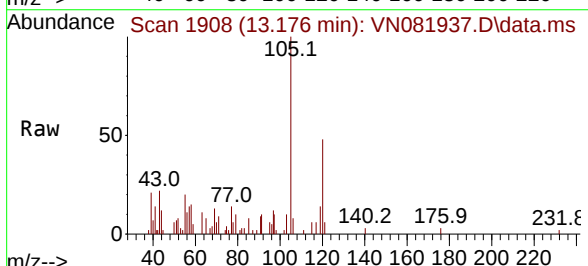
Acq: 30 Apr 2024 17:41

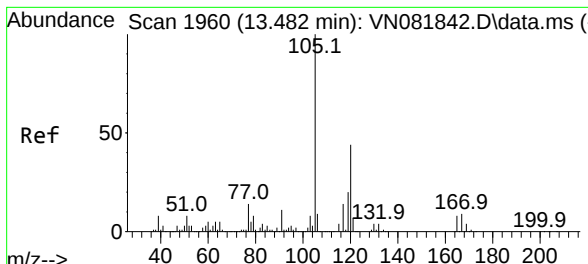
Tgt Ion:105 Resp: 13629

Ion Ratio Lower Upper

105 100

120 47.0 24.8 74.3





#84
 1,2,4-Trimethylbenzene
 Concen: 3.908 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081937.D
 Acq: 30 Apr 2024 17:41

Instrument :
 MSVOA_N
 ClientSampleId :
 1241

Tgt Ion:105 Resp: 48585
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.7

