

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081529.D
 Acq On : 21 Mar 2024 18:59
 Operator : JC\MD
 Sample : P1798-12 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-12

Quant Time: Mar 22 05:12:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	469581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	810902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	724944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	307651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	291452	48.669	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.340%
35) Dibromofluoromethane	8.165	113	244817	47.838	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.680%
50) Toluene-d8	10.565	98	958991	51.839	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.853	95	322254	49.437	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.880%

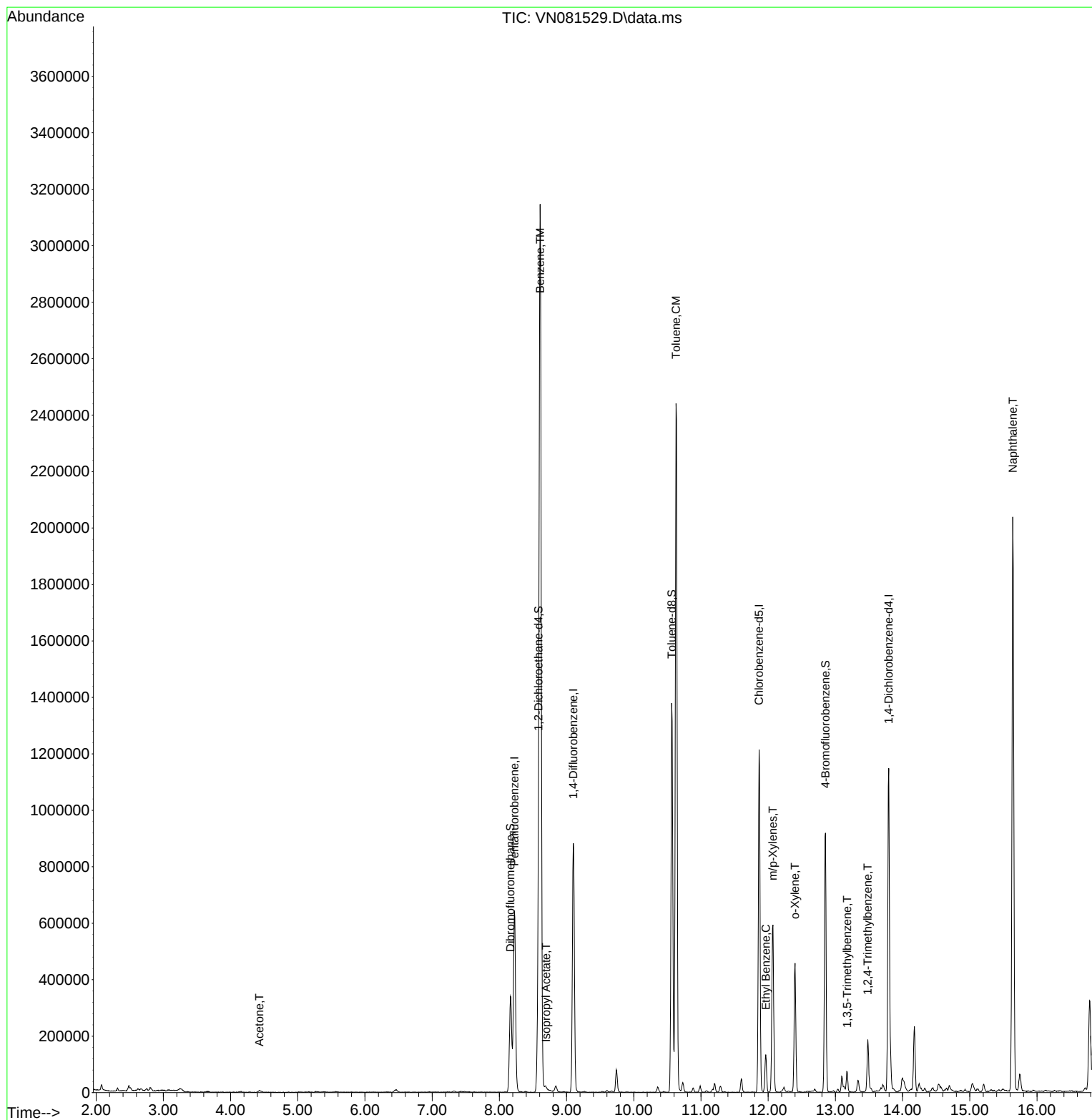
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.430	43	11362	5.871	ug/l #	88
40) Benzene	8.606	78	326696	129.740	ug/l	97
43) Isopropyl Acetate	8.694	43	16197	1.325	ug/l #	84
52) Toluene	10.629	92	1107107	69.179	ug/l	100
67) Ethyl Benzene	11.964	91	96112	3.229	ug/l	94
68) m/p-Xylenes	12.070	106	197005	17.653	ug/l	94
69) o-Xylene	12.400	106	125410	11.447	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	38320	1.769	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	109292	5.020	ug/l	99
95) Naphthalene	15.641	128	1884253	87.788	ug/l	100

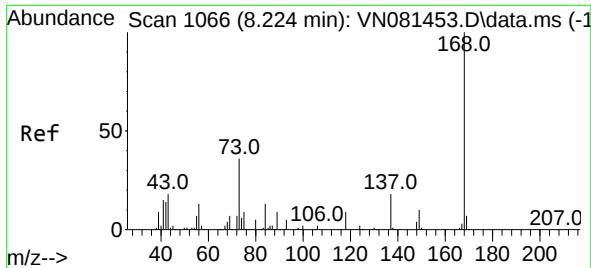
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
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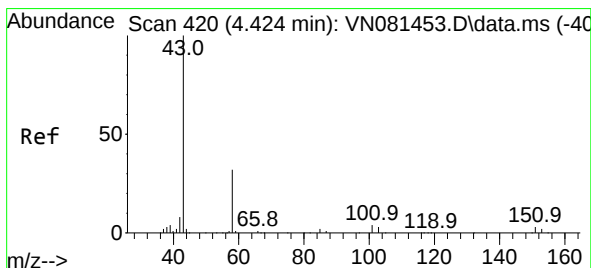
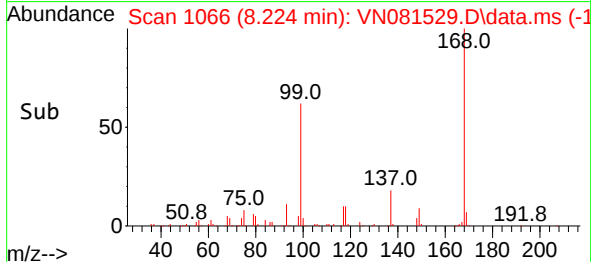
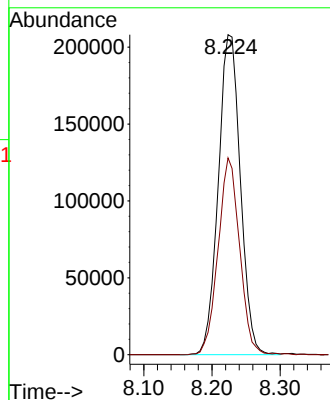
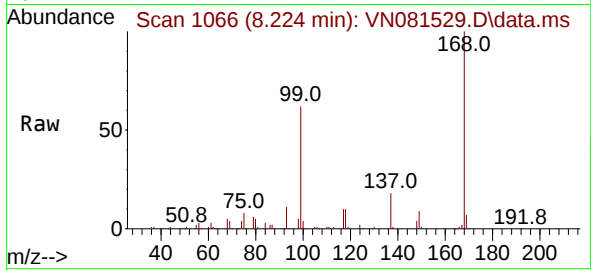




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081529.D
Acq: 21 Mar 2024 18:59

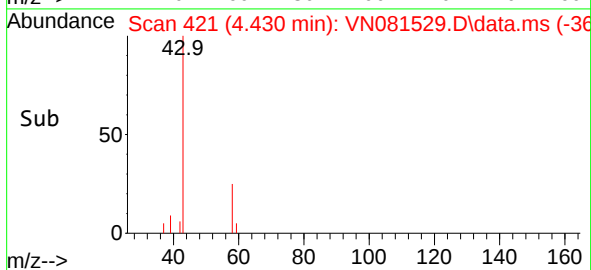
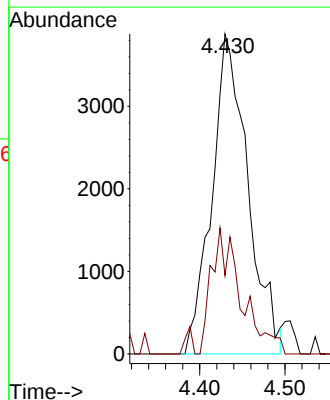
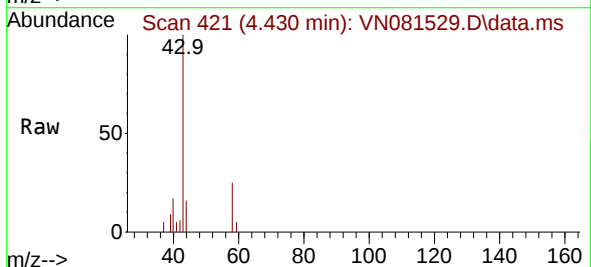
Instrument :
MSVOA_N
ClientSampleId :
S-12

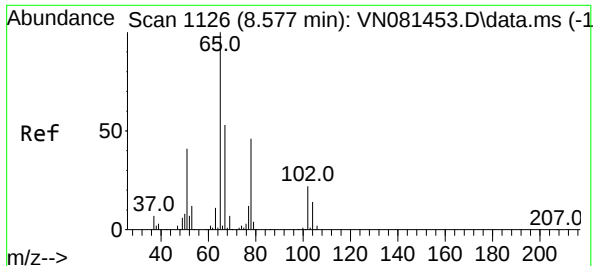
Tgt Ion:168 Resp: 469581
Ion Ratio Lower Upper
168 100
99 61.5 59.9 89.9



#16
Acetone
Concen: 5.871 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081529.D
Acq: 21 Mar 2024 18:59

Tgt Ion: 43 Resp: 11362
Ion Ratio Lower Upper
43 100
58 24.5 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 48.669 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081529.D

Acq: 21 Mar 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :

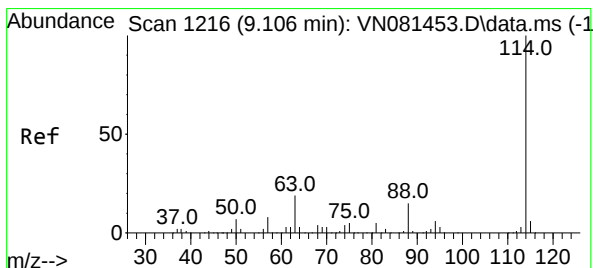
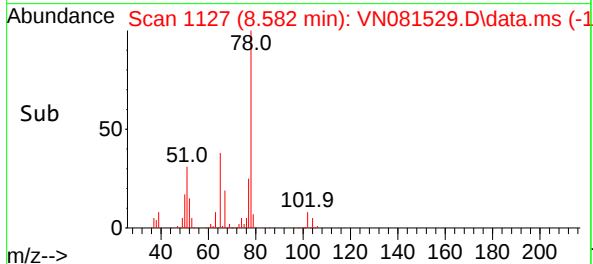
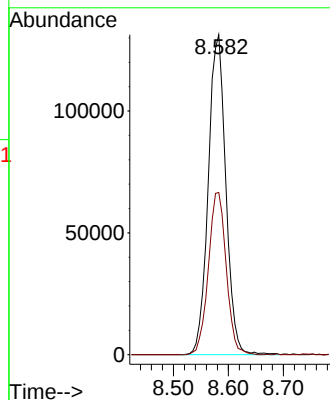
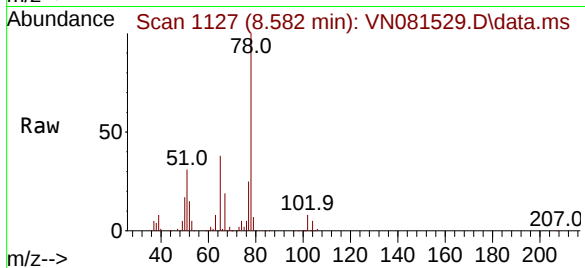
S-12

Tgt Ion: 65 Resp: 291452

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081529.D

Acq: 21 Mar 2024 18:59

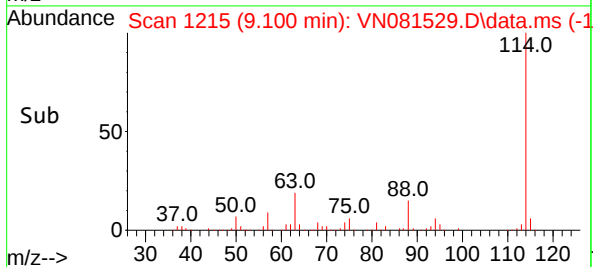
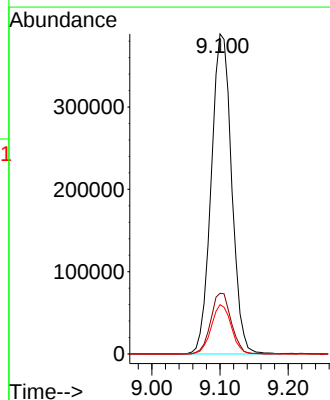
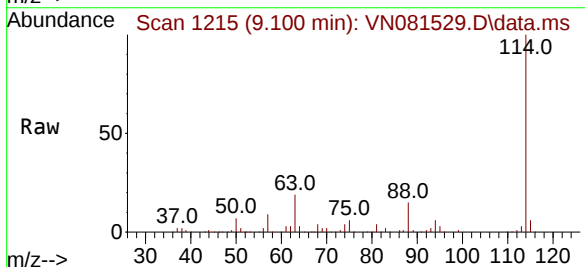
Tgt Ion: 114 Resp: 810902

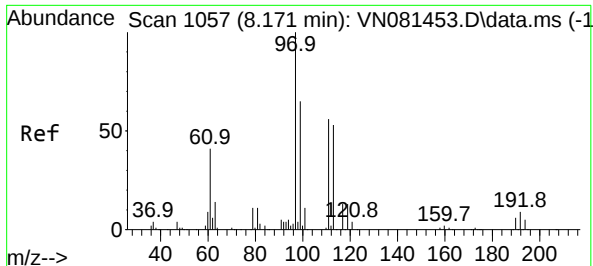
Ion Ratio Lower Upper

114 100

63 18.9 0.0 48.0

88 15.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.838 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN081529.D

Acq: 21 Mar 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :

S-12

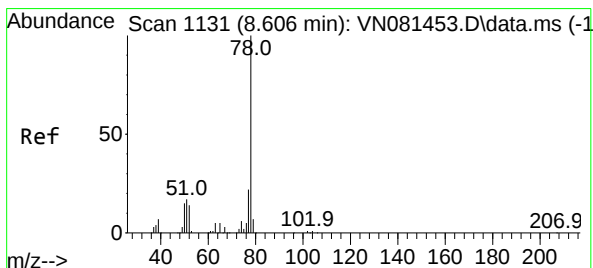
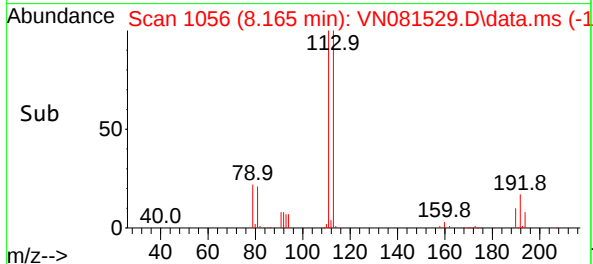
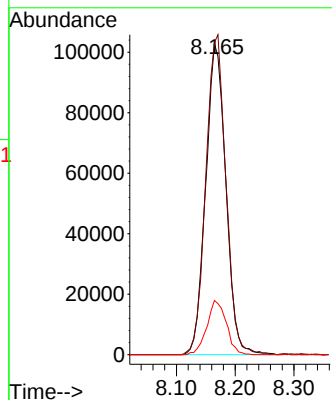
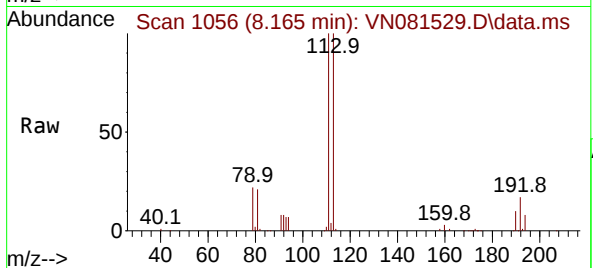
Tgt Ion:113 Resp: 244817

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 16.9 12.5 18.7



#40

Benzene

Concen: 129.740 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081529.D

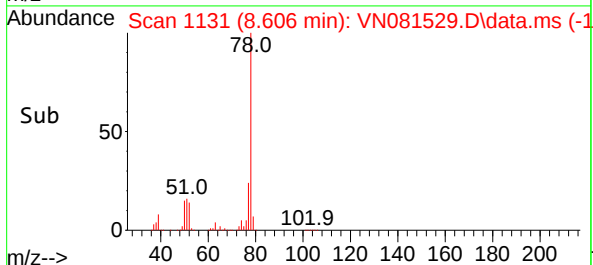
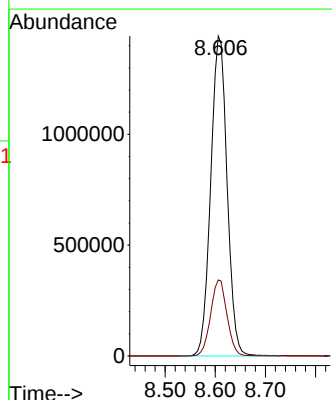
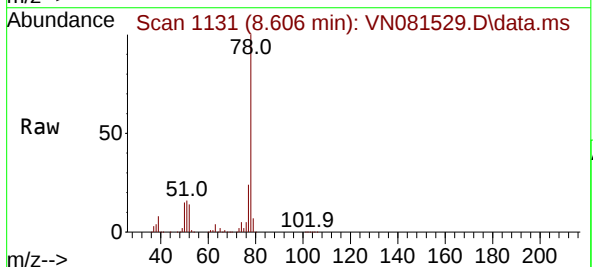
Acq: 21 Mar 2024 18:59

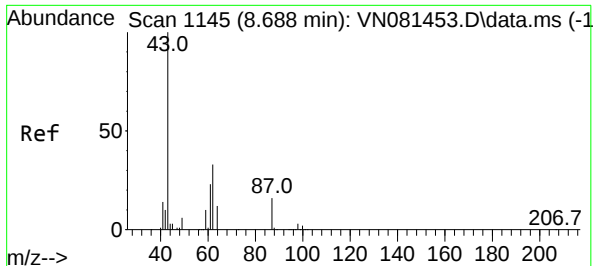
Tgt Ion: 78 Resp: 3266696

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

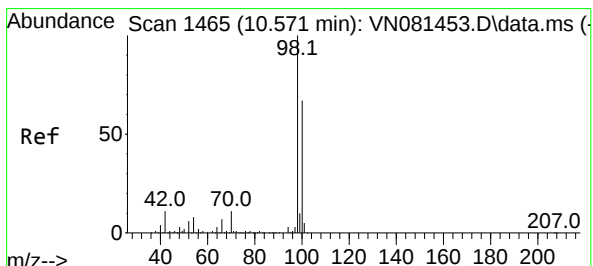
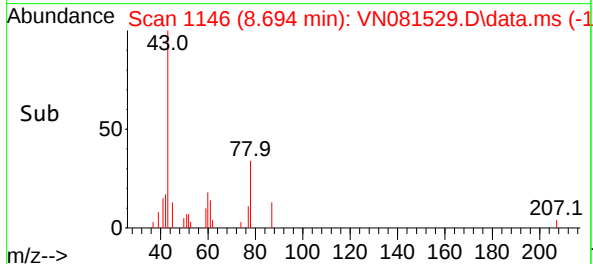
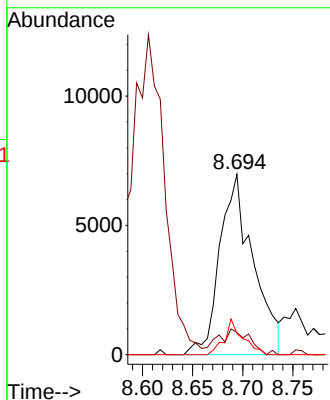
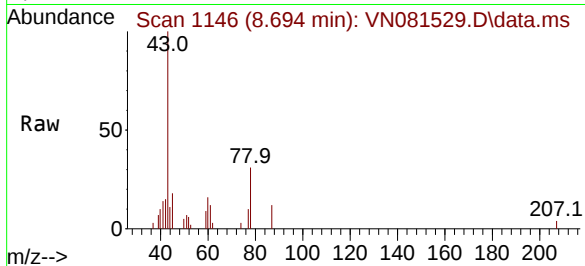




#43
Isopropyl Acetate
Concen: 1.325 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081529.D
Acq: 21 Mar 2024 18:59

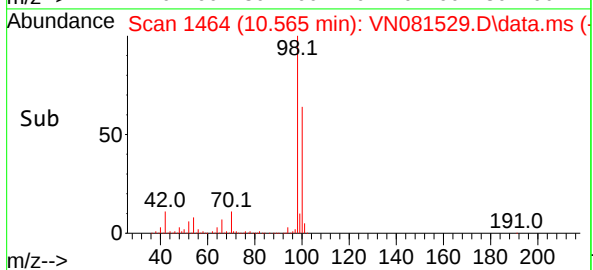
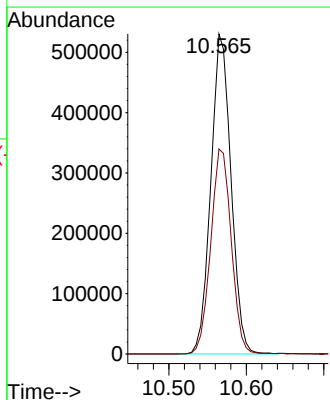
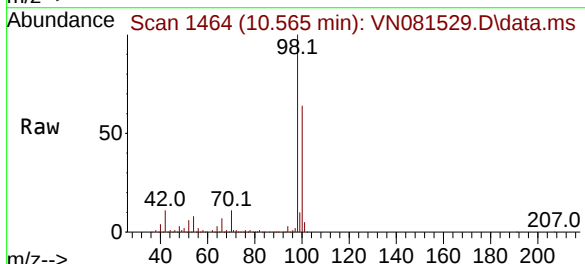
Instrument :
MSVOA_N
ClientSampleId :
S-12

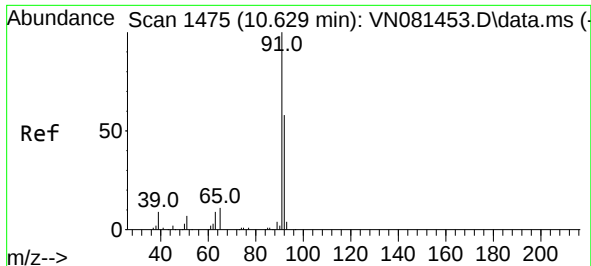
Tgt Ion: 43 Resp: 16197
Ion Ratio Lower Upper
43 100
61 13.5 19.9 29.9#
87 10.7 9.0 13.6



#50
Toluene-d8
Concen: 51.839 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081529.D
Acq: 21 Mar 2024 18:59

Tgt Ion: 98 Resp: 958991
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

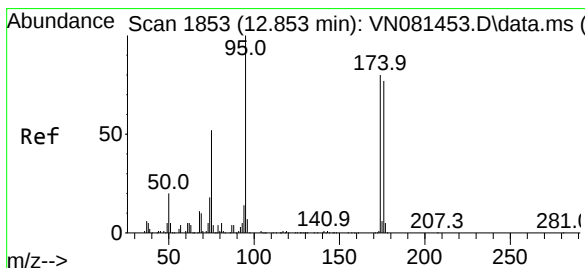
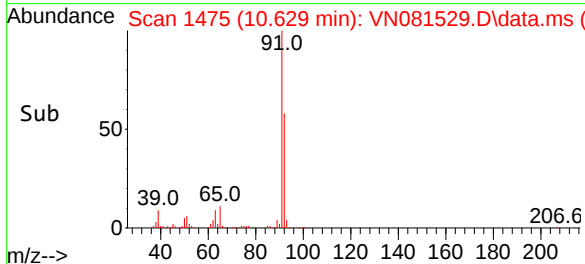
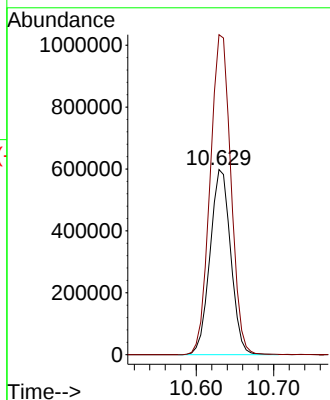
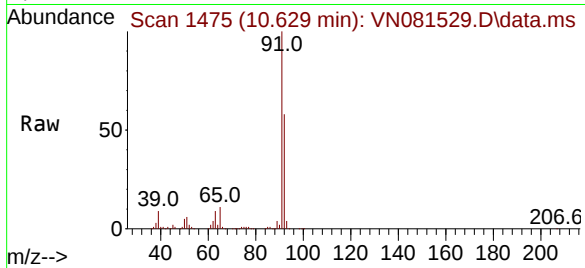




#52
Toluene
Concen: 69.179 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081529.D
Acq: 21 Mar 2024 18:59

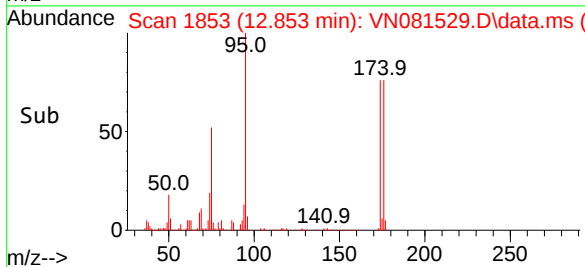
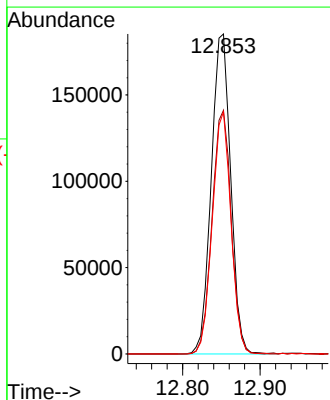
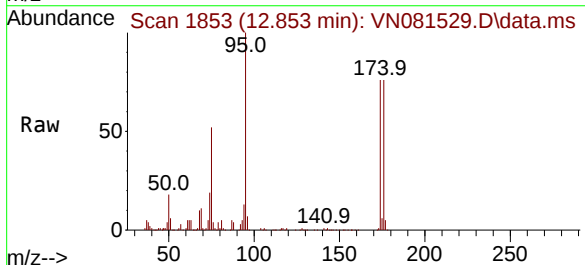
Instrument :
MSVOA_N
ClientSampleId :
S-12

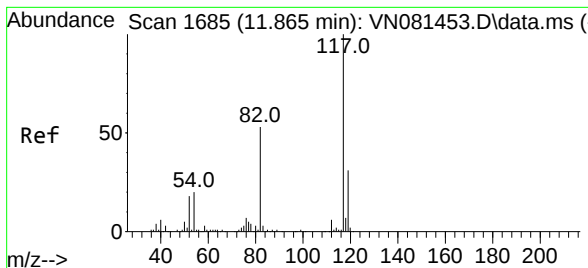
Tgt Ion: 92 Resp: 1107107
Ion Ratio Lower Upper
92 100
91 174.0 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 49.437 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081529.D
Acq: 21 Mar 2024 18:59

Tgt Ion: 95 Resp: 322254
Ion Ratio Lower Upper
95 100
174 75.3 0.0 120.4
176 72.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081529.D

Acq: 21 Mar 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :

S-12

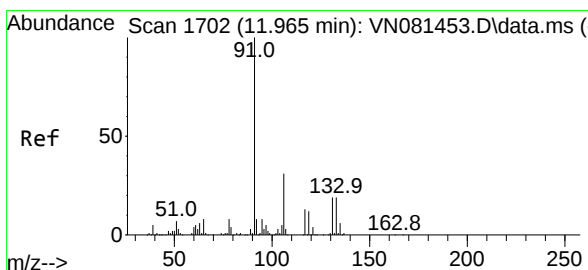
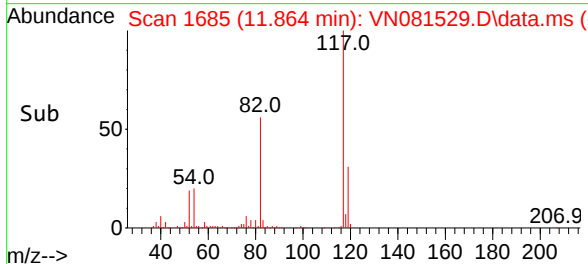
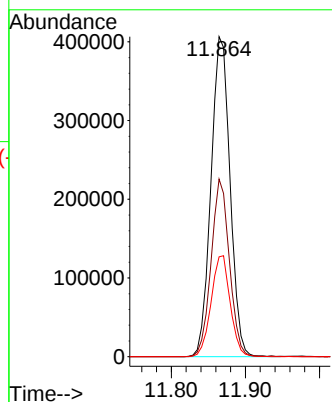
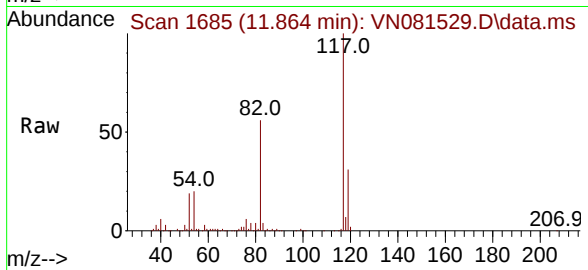
Tgt Ion:117 Resp: 724944

Ion Ratio Lower Upper

117 100

82 55.5 52.7 79.1

119 31.2 25.3 37.9



#67

Ethyl Benzene

Concen: 3.229 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN081529.D

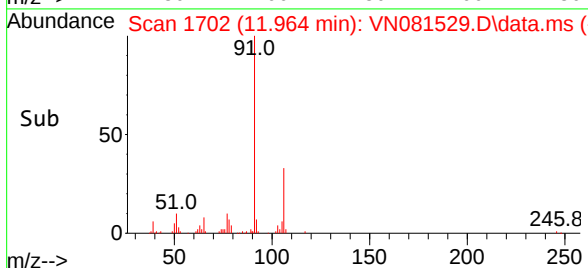
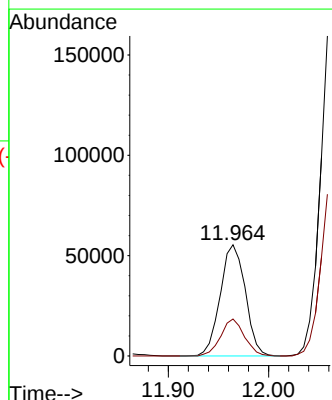
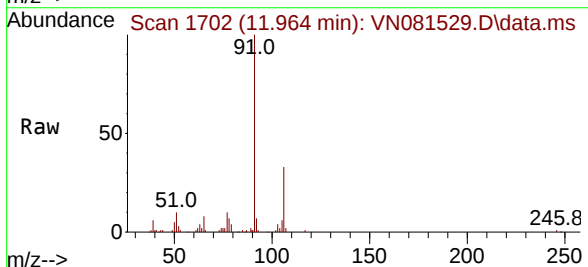
Acq: 21 Mar 2024 18:59

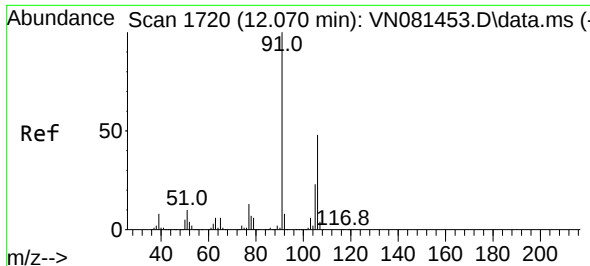
Tgt Ion: 91 Resp: 96112

Ion Ratio Lower Upper

91 100

106 33.2 23.8 35.6

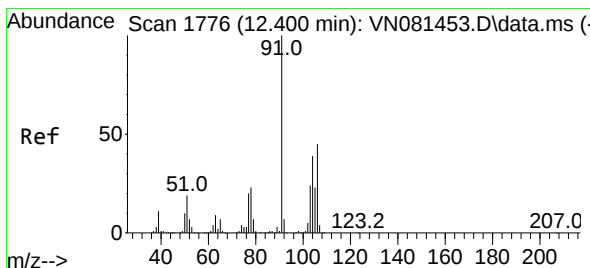
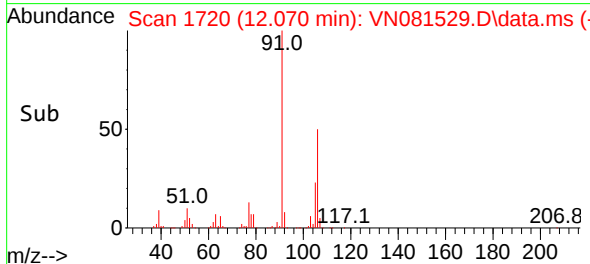
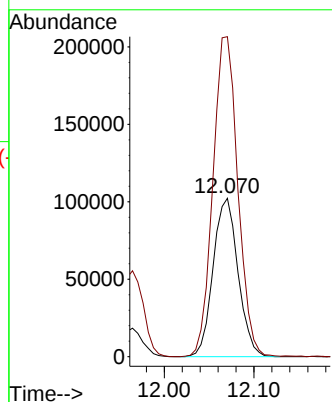
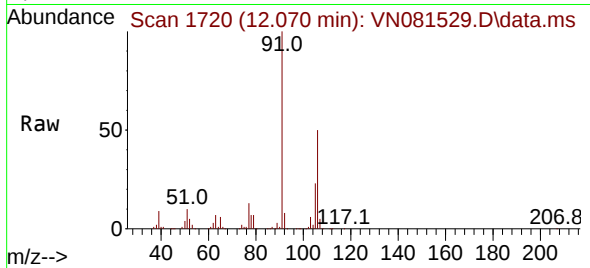




#68
m/p-Xylenes
Concen: 17.653 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081529.D
Acq: 21 Mar 2024 18:59

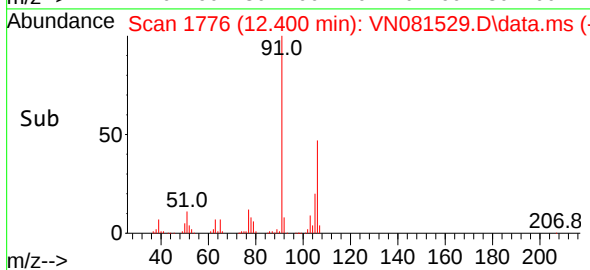
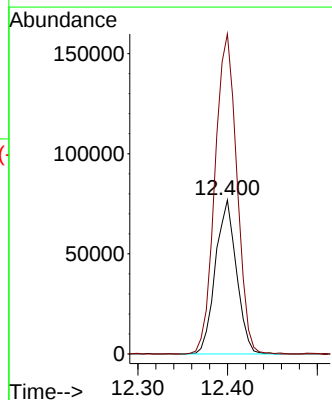
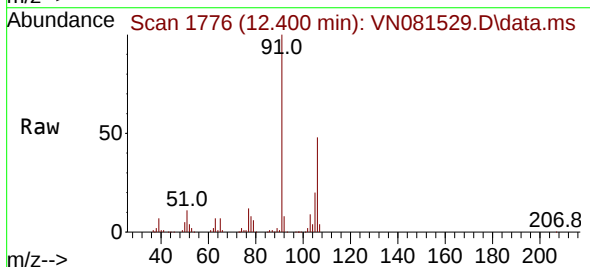
Instrument :
MSVOA_N
ClientSampleId :
S-12

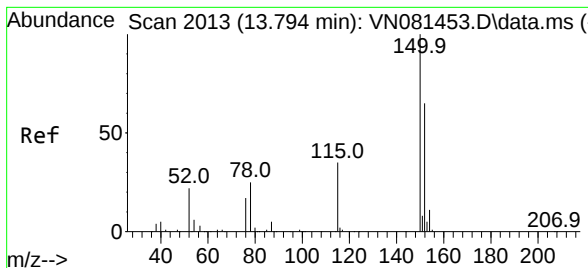
Tgt Ion:106 Resp: 197005
Ion Ratio Lower Upper
106 100
91 202.2 169.0 253.6



#69
o-Xylene
Concen: 11.447 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081529.D
Acq: 21 Mar 2024 18:59

Tgt Ion:106 Resp: 125410
Ion Ratio Lower Upper
106 100
91 216.2 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081529.D

Acq: 21 Mar 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :

S-12

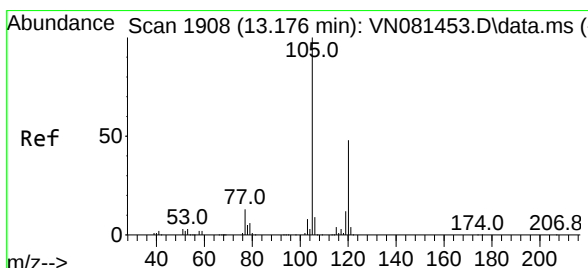
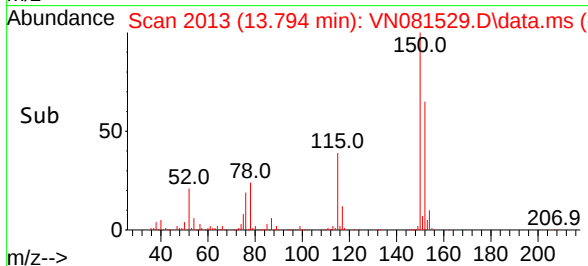
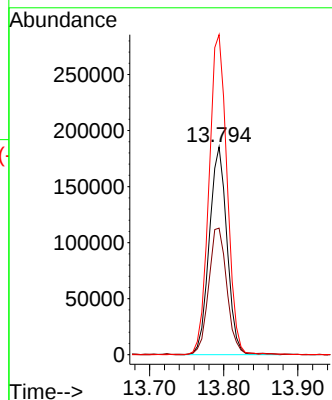
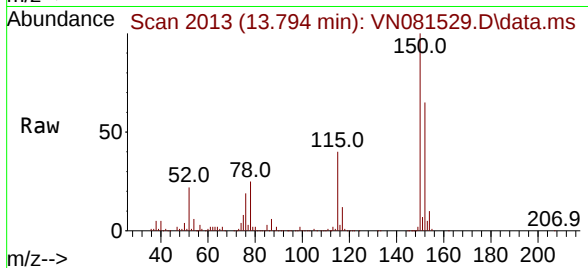
Tgt Ion:152 Resp: 307651

Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 157.5 0.0 339.8



#80

1,3,5-Trimethylbenzene

Concen: 1.769 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081529.D

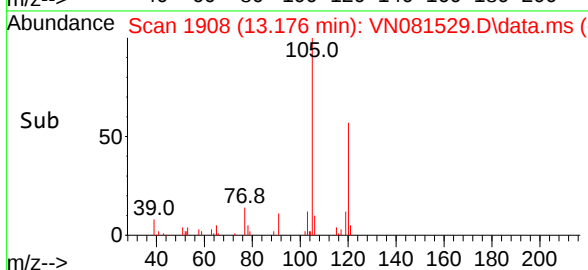
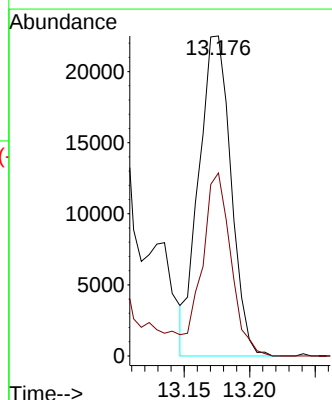
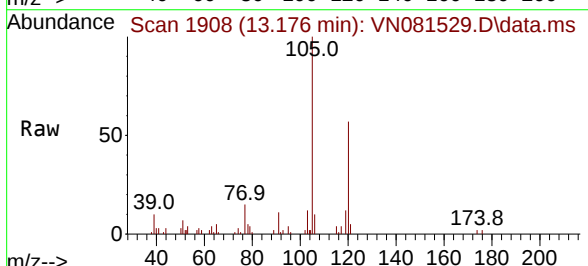
Acq: 21 Mar 2024 18:59

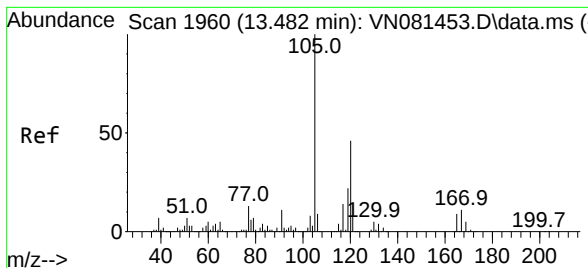
Tgt Ion:105 Resp: 38320

Ion Ratio Lower Upper

105 100

120 51.4 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 5.020 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081529.D

Acq: 21 Mar 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :

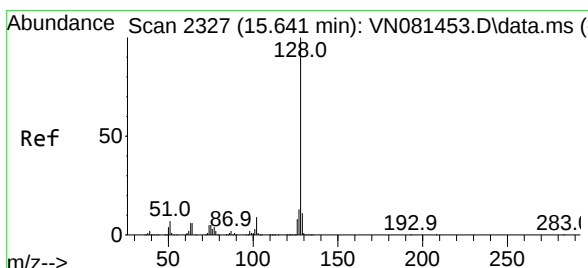
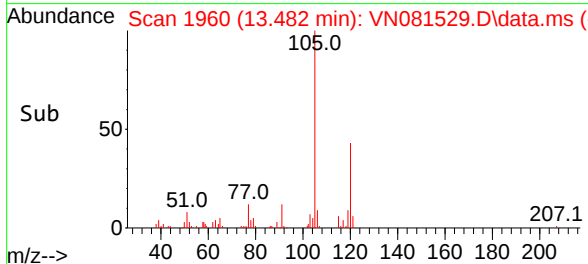
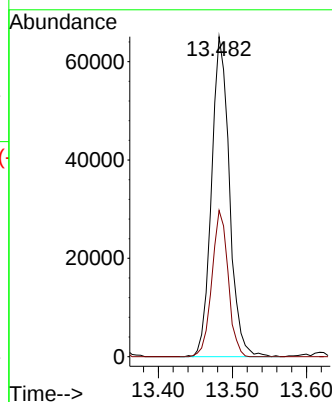
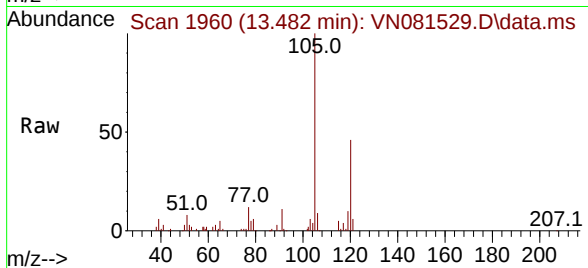
S-12

Tgt Ion:105 Resp: 109292

Ion Ratio Lower Upper

105 100

120 41.4 20.9 62.7



#95

Naphthalene

Concen: 87.788 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081529.D

Acq: 21 Mar 2024 18:59

Tgt Ion:128 Resp: 1884253

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.0 8.7 13.1

