

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081520.D
 Acq On : 21 Mar 2024 15:25
 Operator : JC\MD
 Sample : P1798-03 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-3

Quant Time: Mar 22 05:07:35 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	467068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	826916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	732641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	321250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	291569	48.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.165	113	244053	46.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.540%
50) Toluene-d8	10.565	98	967007	51.260	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.847	95	328917	49.482	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.960%

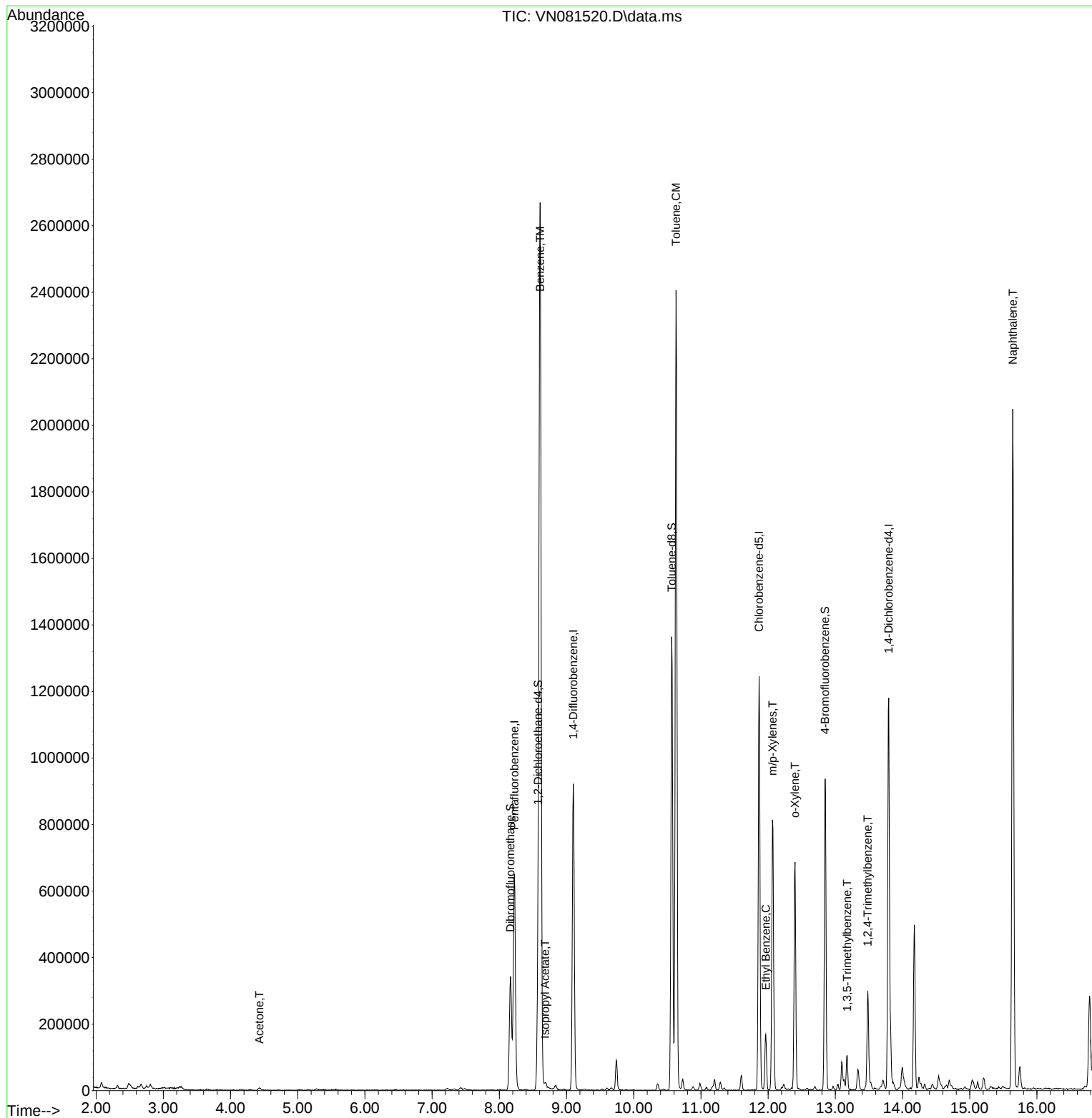
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.430	43	12171	6.323	ug/l #	75
40) Benzene	8.606	78	2726076	106.172	ug/l	99
43) Isopropyl Acetate	8.683	43	19210	1.541	ug/l #	84
52) Toluene	10.630	92	1064817	65.248	ug/l	99
67) Ethyl Benzene	11.965	91	125119	4.159	ug/l	97
68) m/p-Xylenes	12.065	106	263841	23.393	ug/l	94
69) o-Xylene	12.400	106	193338	17.461	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	56402	2.494	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	172007	7.567	ug/l	97
95) Naphthalene	15.641	128	1907972	85.130	ug/l	100

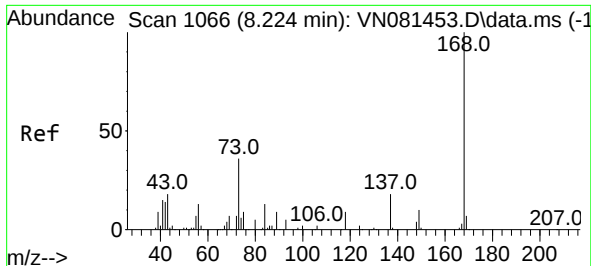
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
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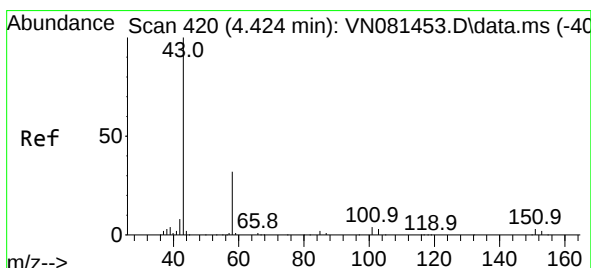
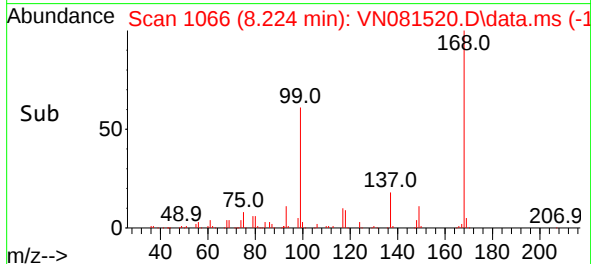
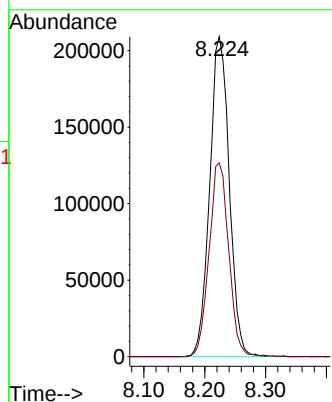
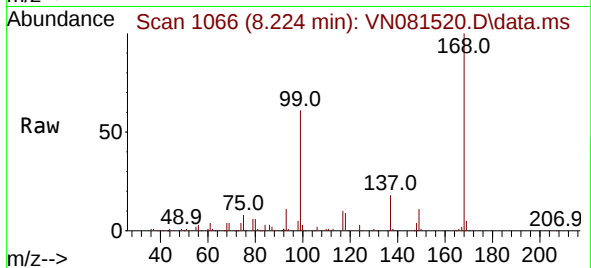




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

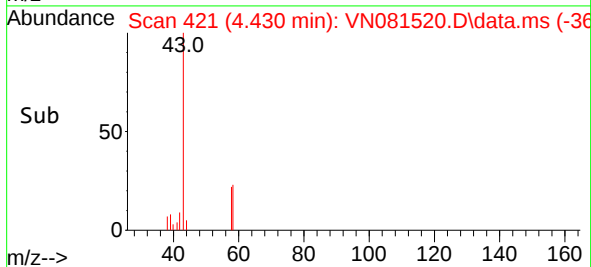
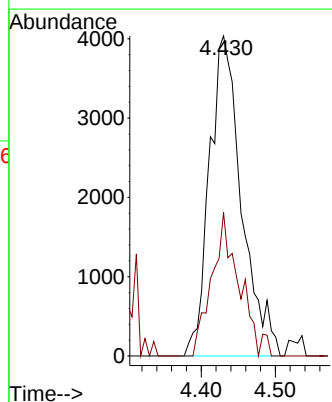
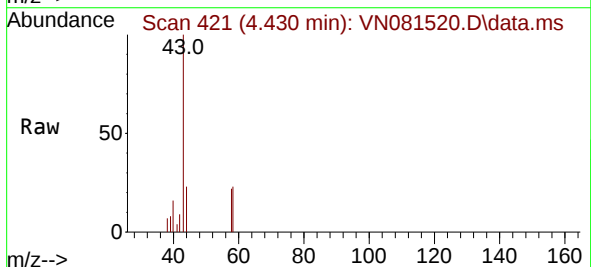
Instrument :
MSVOA_N
ClientSampleId :
S-3

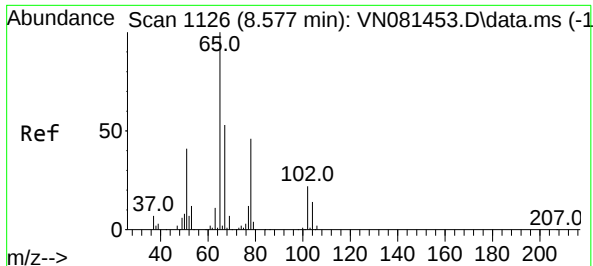
Tgt Ion:168 Resp: 467068
Ion Ratio Lower Upper
168 100
99 60.5 59.9 89.9



#16
Acetone
Concen: 6.323 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

Tgt Ion: 43 Resp: 12171
Ion Ratio Lower Upper
43 100
58 44.8 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 48.951 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081520.D

Acq: 21 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

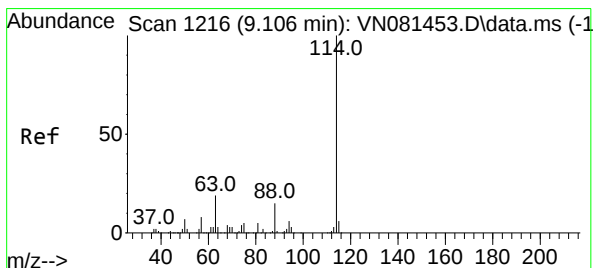
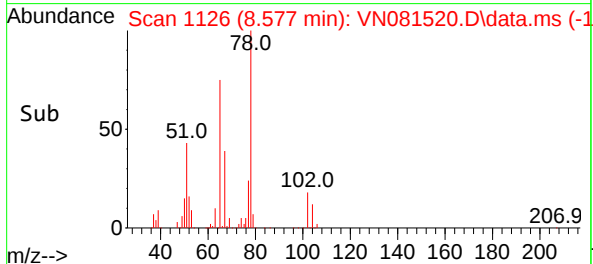
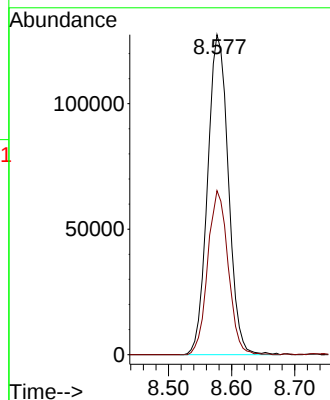
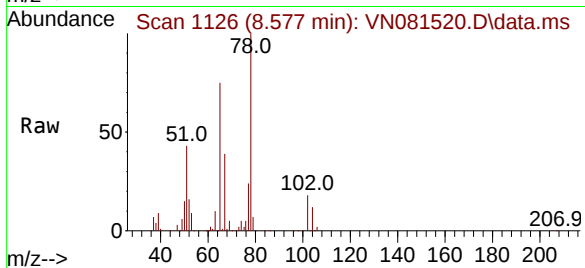
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Tgt Ion: 65 Resp: 291569

Ion Ratio Lower Upper

65 100

67 50.5 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: VN081520.D

Acq: 21 Mar 2024 15:25

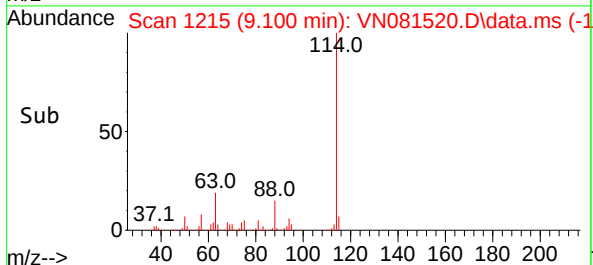
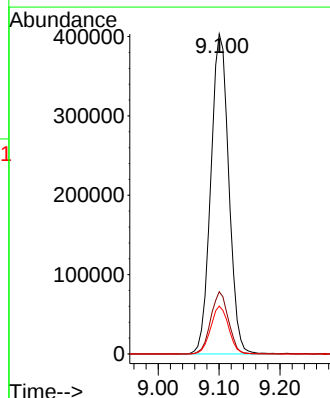
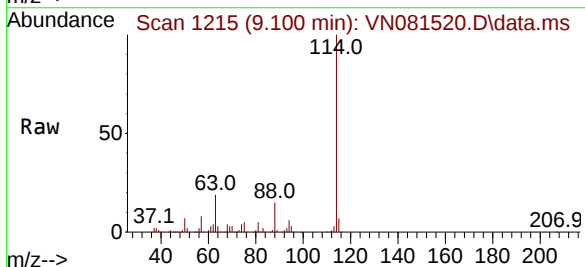
Tgt Ion: 114 Resp: 826916

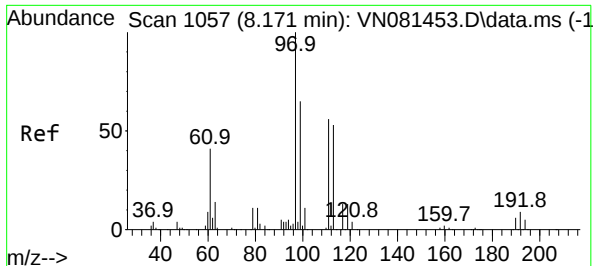
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 14.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.765 ug/l

RT: 8.165 min Scan# 11056

Delta R.T. -0.006 min

Lab File: VN081520.D

Acq: 21 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

S-3

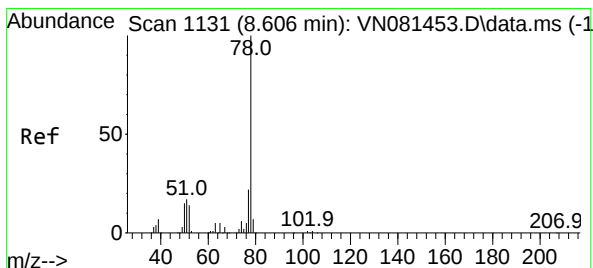
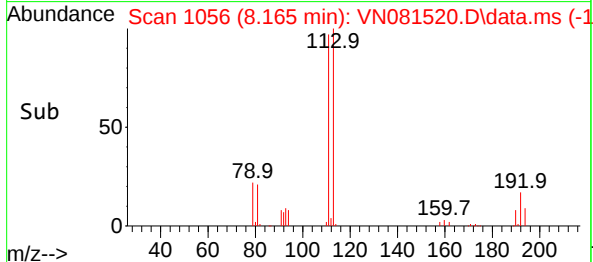
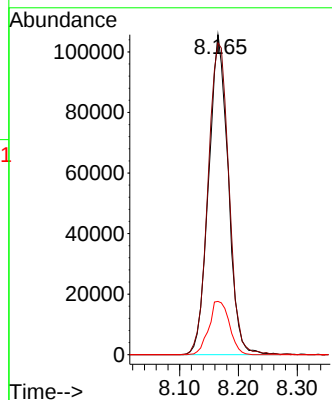
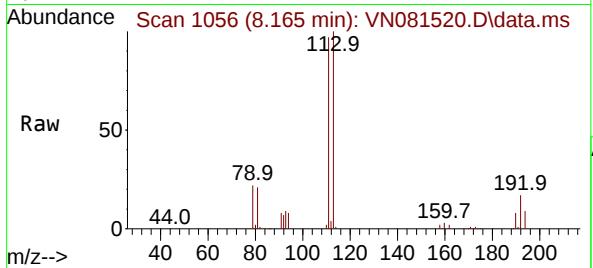
Tgt Ion:113 Resp: 244053

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.5 12.5 18.7



#40

Benzene

Concen: 106.172 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081520.D

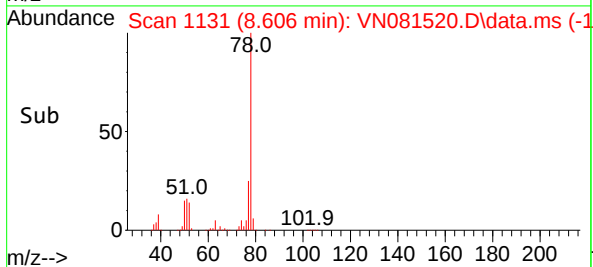
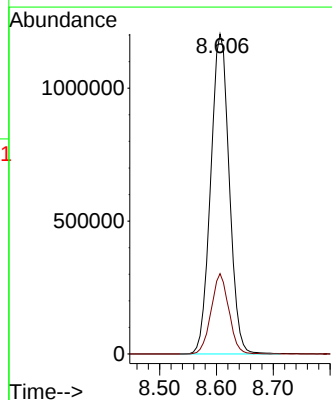
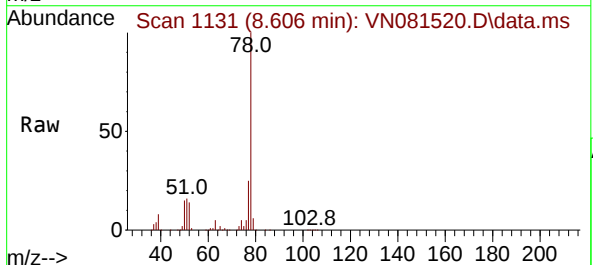
Acq: 21 Mar 2024 15:25

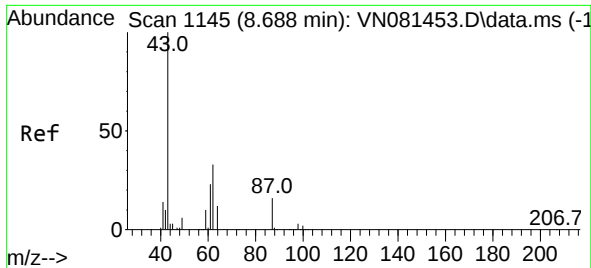
Tgt Ion: 78 Resp: 2726076

Ion Ratio Lower Upper

78 100

77 25.1 20.4 30.6

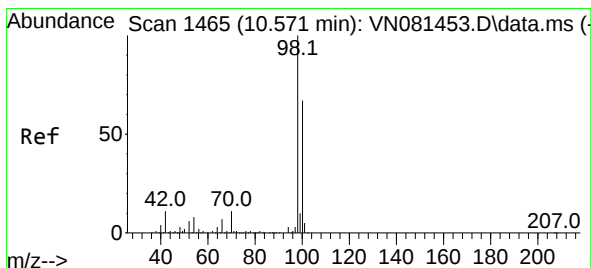
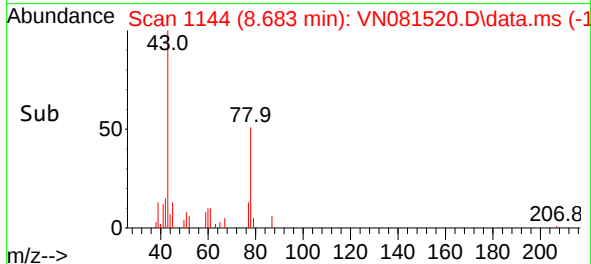
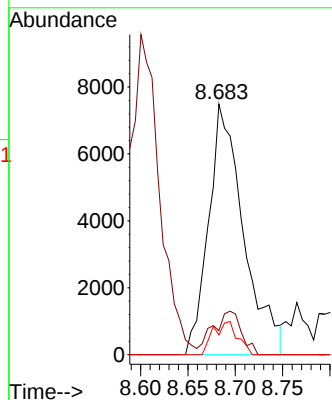
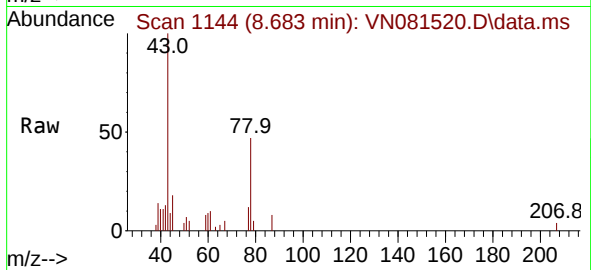




#43
Isopropyl Acetate
Concen: 1.541 ug/l
RT: 8.683 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

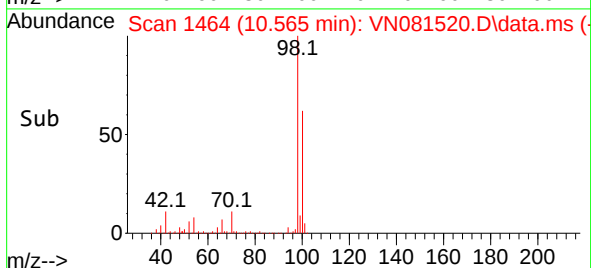
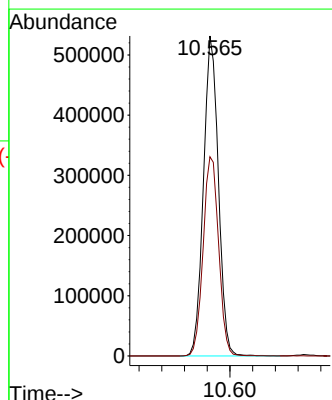
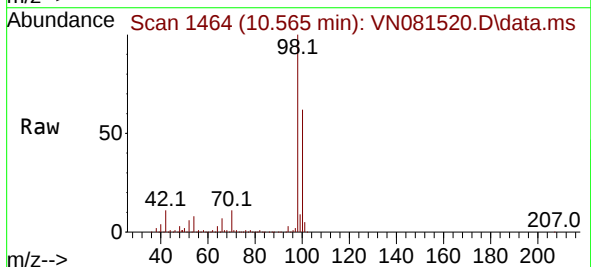
Instrument :
MSVOA_N
ClientSampleId :
S-3

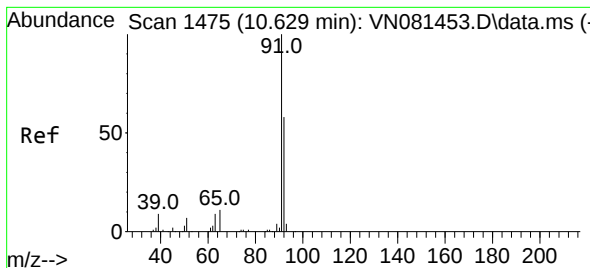
Tgt Ion: 43 Resp: 19210
Ion Ratio Lower Upper
43 100
61 14.2 19.9 29.9#
87 9.2 9.0 13.6



#50
Toluene-d8
Concen: 51.260 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

Tgt Ion: 98 Resp: 967007
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0





#52

Toluene

Concen: 65.248 ug/l

RT: 10.630 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN081520.D

Acq: 21 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

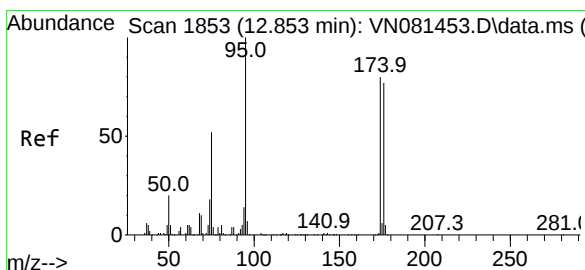
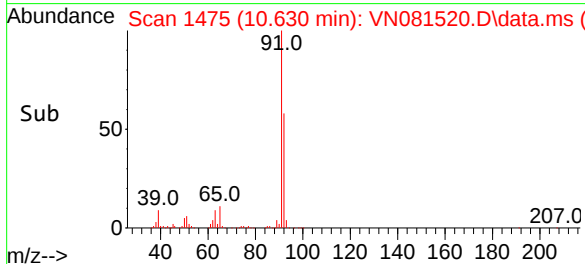
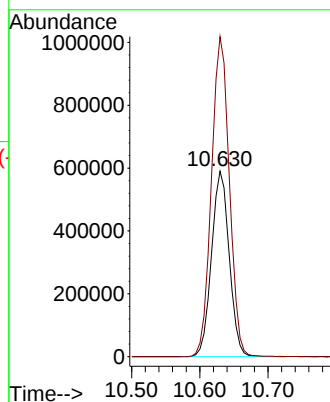
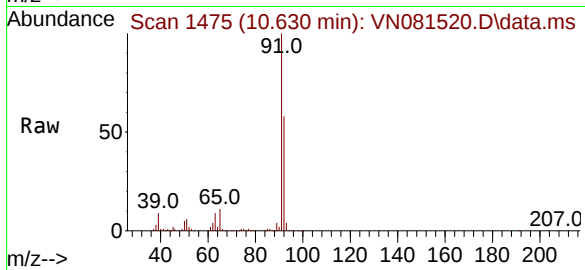
S-3

Tgt Ion: 92 Resp: 1064817

Ion Ratio Lower Upper

92 100

91 175.0 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 49.482 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081520.D

Acq: 21 Mar 2024 15:25

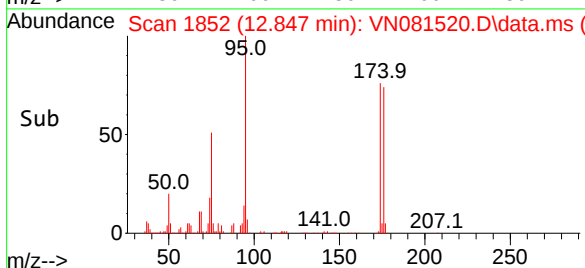
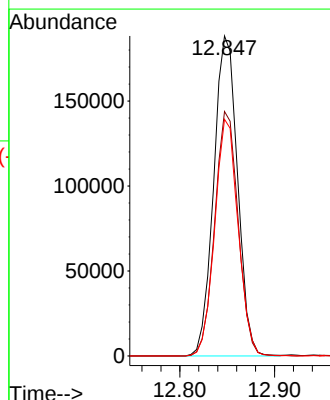
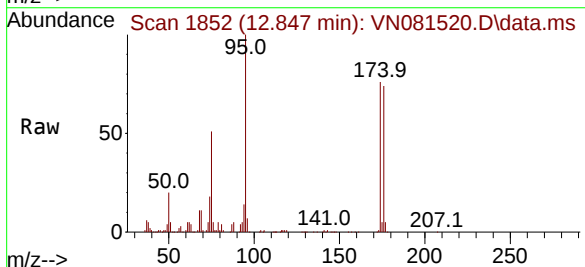
Tgt Ion: 95 Resp: 328917

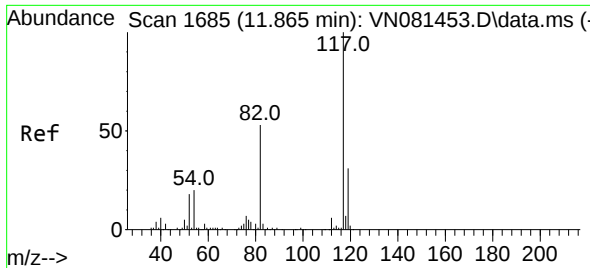
Ion Ratio Lower Upper

95 100

174 75.0 0.0 120.4

176 72.6 0.0 121.0

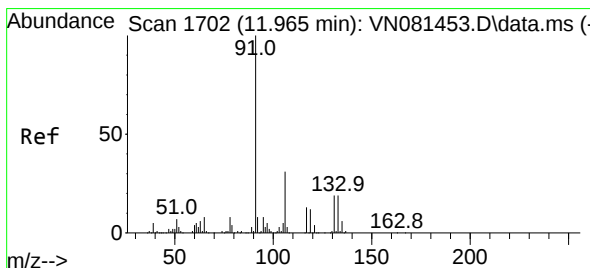
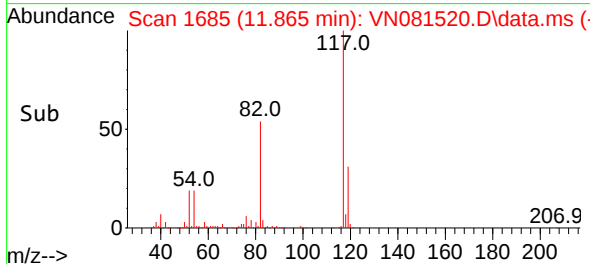
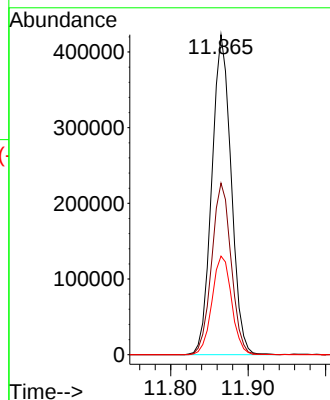
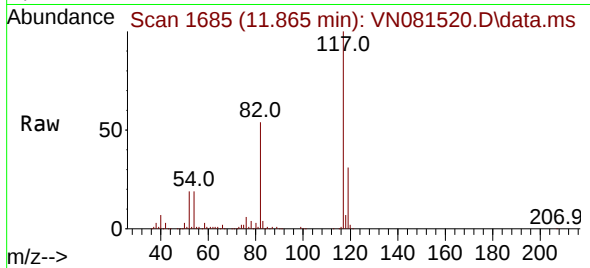




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

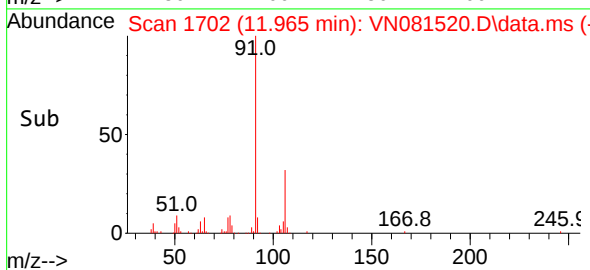
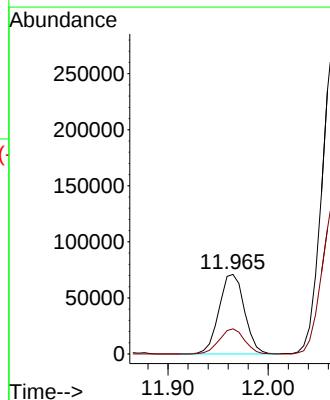
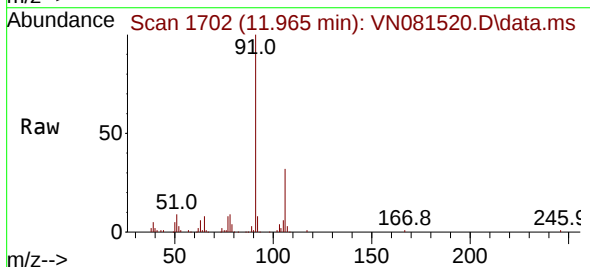
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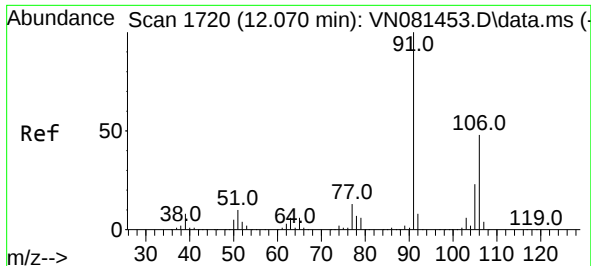
Tgt Ion:117 Resp: 732641
Ion Ratio Lower Upper
117 100
82 53.6 52.7 79.1
119 30.8 25.3 37.9



#67
Ethyl Benzene
Concen: 4.159 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

Tgt Ion: 91 Resp: 125119
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.6

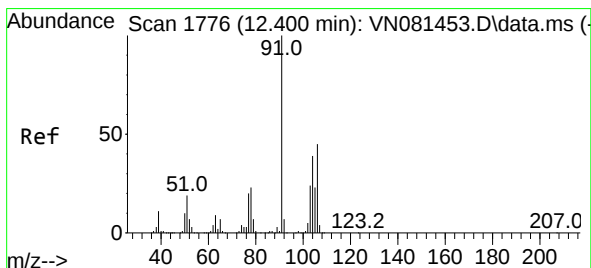
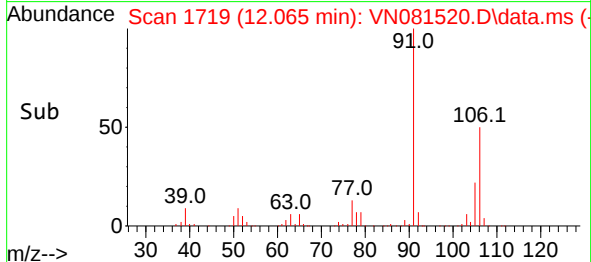
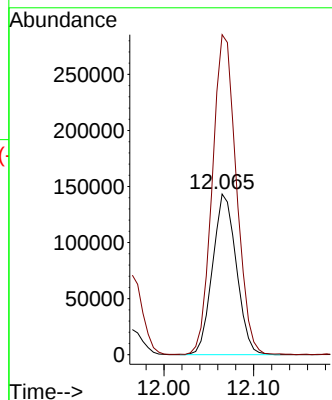
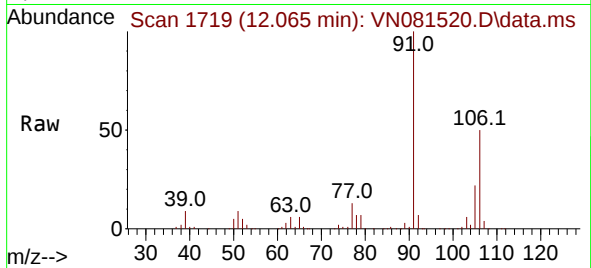




#68
m/p-Xylenes
Concen: 23.393 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

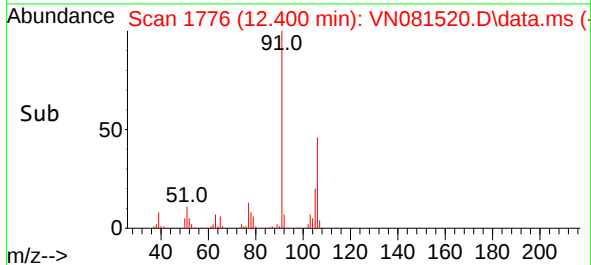
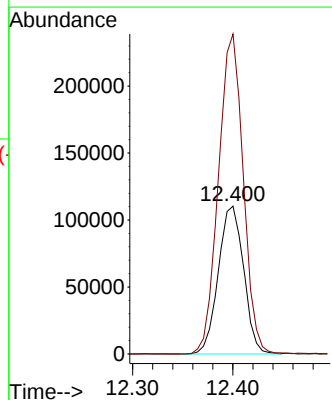
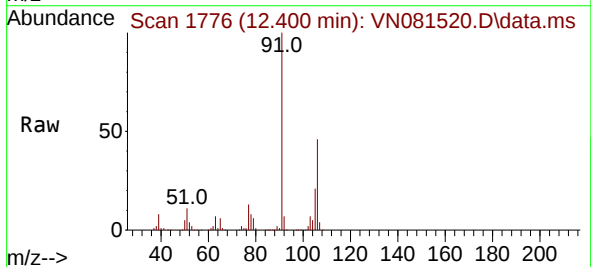
Instrument :
MSVOA_N
ClientSampleId :
S-3

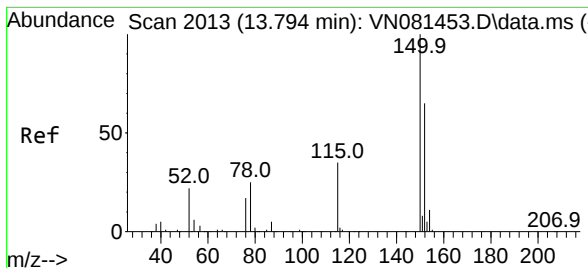
Tgt Ion:106 Resp: 263841
Ion Ratio Lower Upper
106 100
91 201.9 169.0 253.6



#69
o-Xylene
Concen: 17.461 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

Tgt Ion:106 Resp: 193338
Ion Ratio Lower Upper
106 100
91 212.0 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081520.D

Acq: 21 Mar 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

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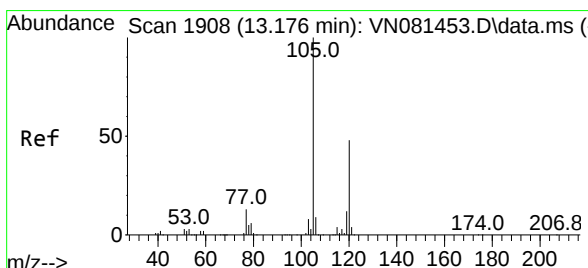
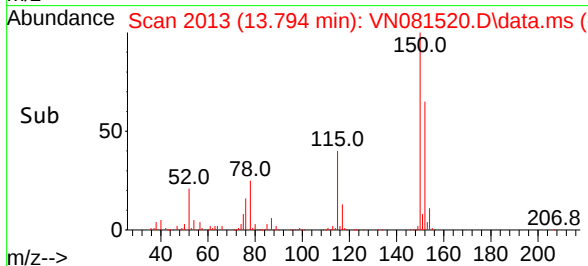
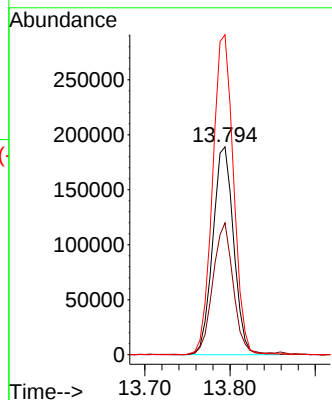
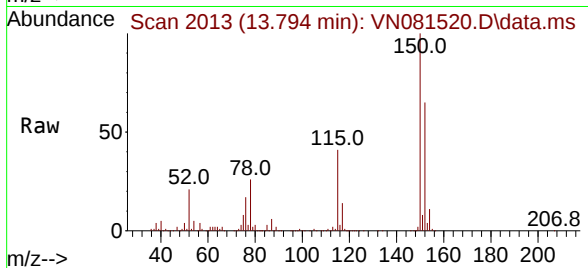
Tgt Ion:152 Resp: 321250

Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 154.7 0.0 339.8



#80

1,3,5-Trimethylbenzene

Concen: 2.494 ug/l

RT: 13.177 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081520.D

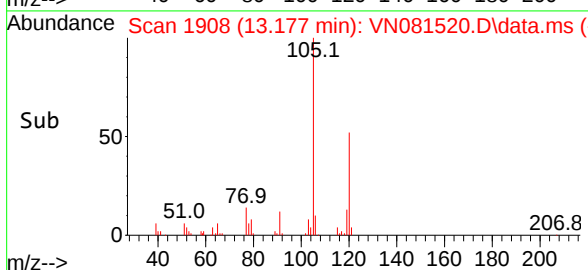
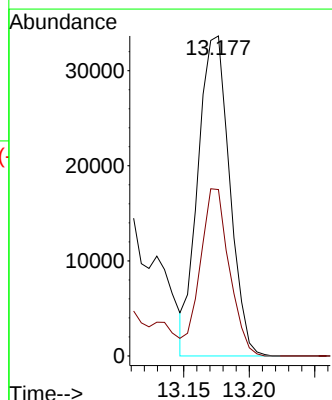
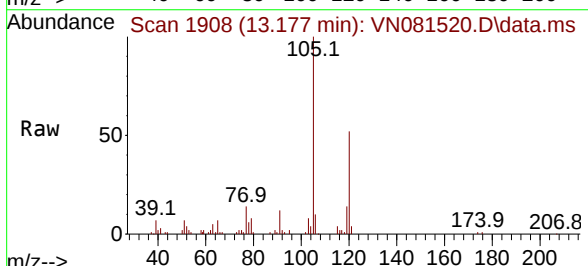
Acq: 21 Mar 2024 15:25

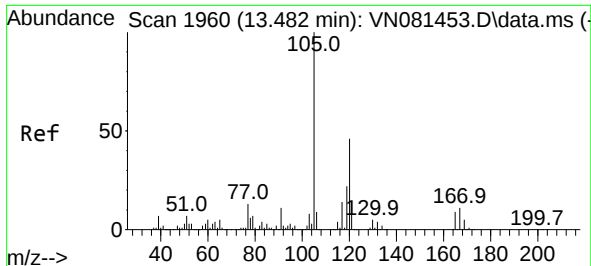
Tgt Ion:105 Resp: 56402

Ion Ratio Lower Upper

105 100

120 48.3 23.0 69.0

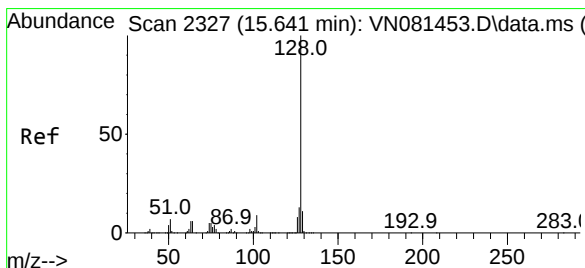
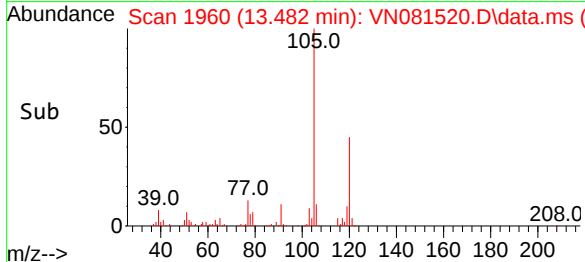
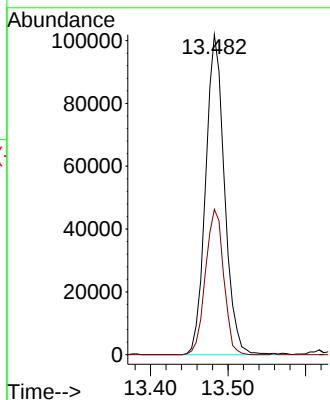
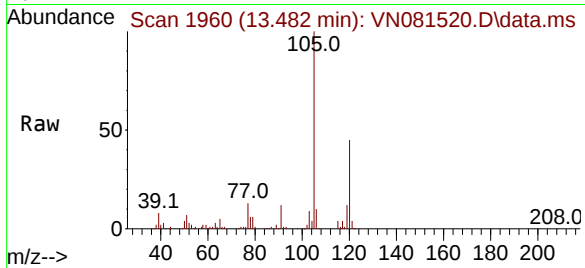




#84
1,2,4-Trimethylbenzene
Concen: 7.567 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

Instrument :
MSVOA_N
ClientSampleId :
S-3

Tgt Ion:105 Resp: 172007
Ion Ratio Lower Upper
105 100
120 43.8 20.9 62.7



#95
Naphthalene
Concen: 85.130 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081520.D
Acq: 21 Mar 2024 15:25

Tgt Ion:128 Resp: 1907972
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

