

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081523.D
 Acq On : 21 Mar 2024 16:36
 Operator : JC\MD
 Sample : P1798-06 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-6

Quant Time: Mar 22 05:08:57 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)

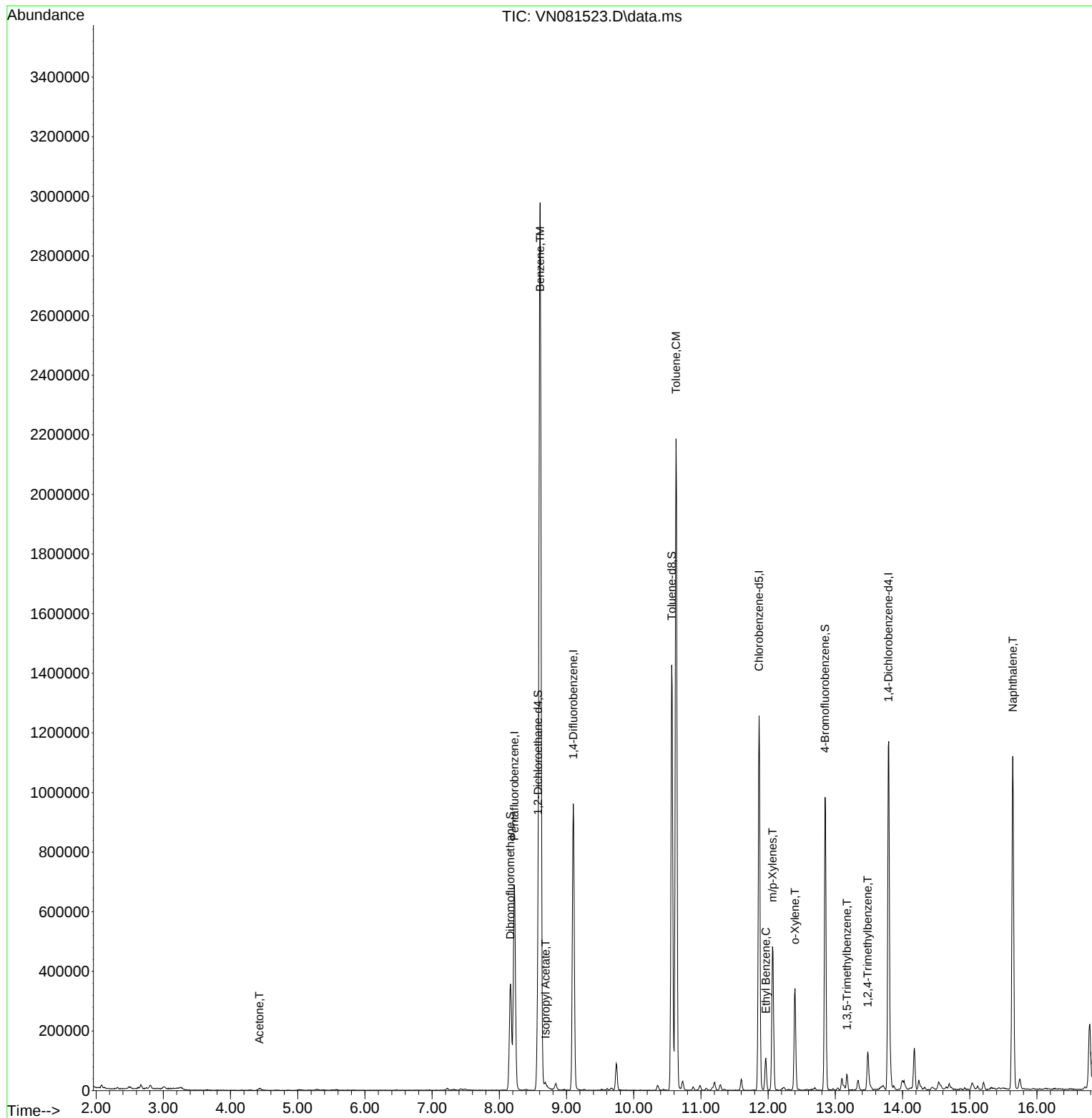
Internal Standards						
1) Pentafluorobenzene	8.224	168	495984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	860859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	750491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	319593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	308791	48.820	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.165	113	261024	48.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	10.565	98	1000313	50.934	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.847	95	335793	48.524	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.040%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	13321	6.517	ug/l	89
40) Benzene	8.606	78	3069027	114.816	ug/l	97
43) Isopropyl Acetate	8.688	43	19586	1.509	ug/l #	88
52) Toluene	10.630	92	980606	57.719	ug/l	98
67) Ethyl Benzene	11.965	91	76586	2.485	ug/l	96
68) m/p-Xylenes	12.065	106	158174	13.691	ug/l	93
69) o-Xylene	12.400	106	92729	8.176	ug/l	94
80) 1,3,5-Trimethylbenzene	13.171	105	26529	1.179	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	76777	3.395	ug/l	95
95) Naphthalene	15.641	128	1045151	46.875	ug/l	100

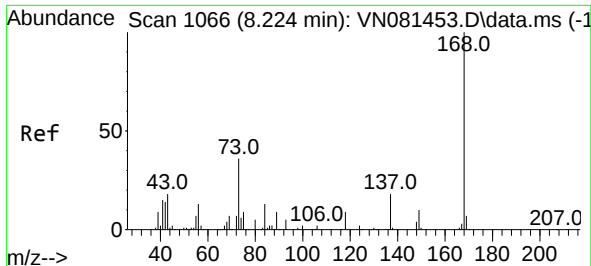
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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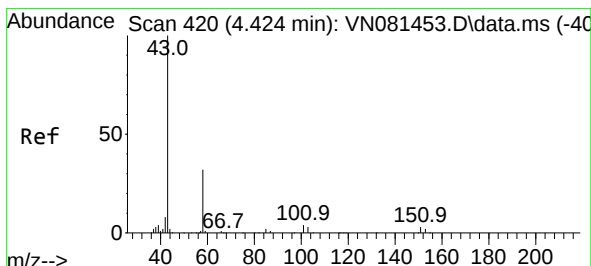
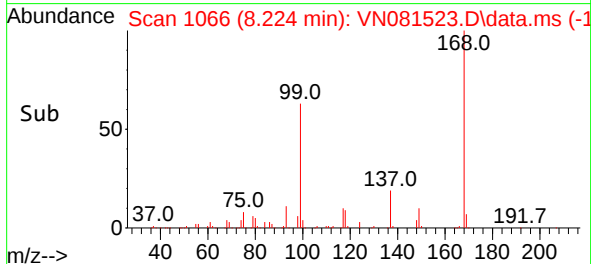
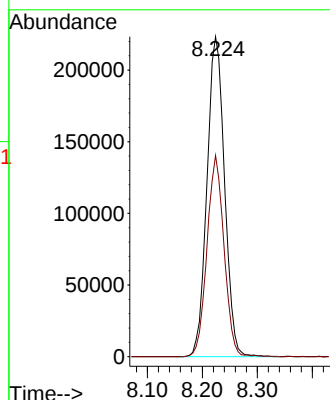
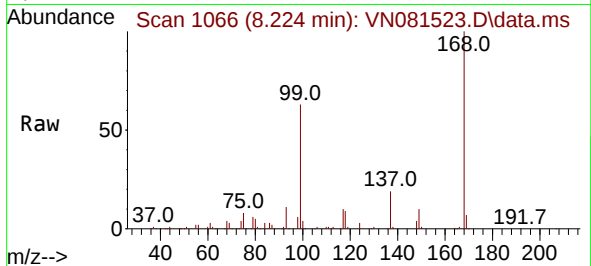




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

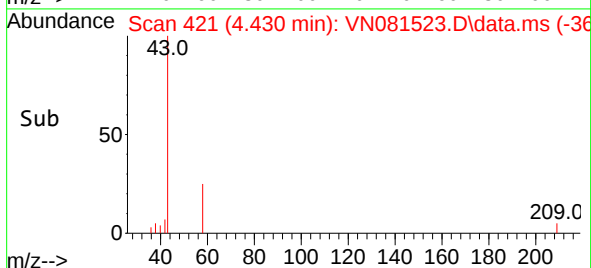
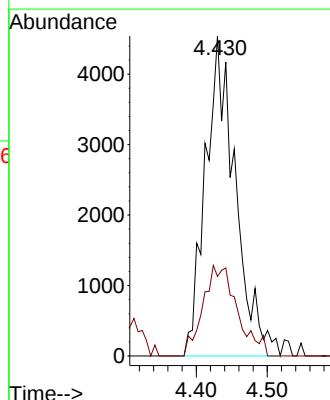
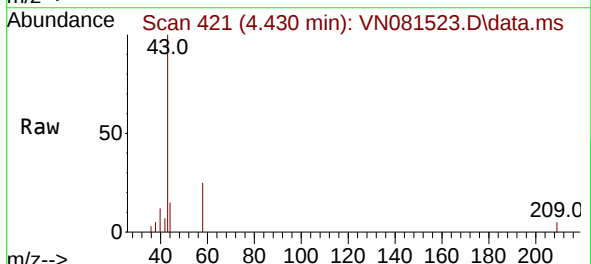
Instrument :
MSVOA_N
ClientSampleId :
S-6

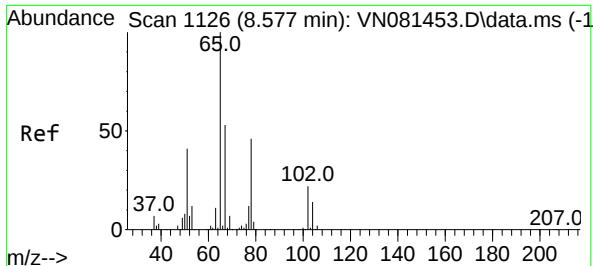
Tgt Ion:168 Resp: 495984
Ion Ratio Lower Upper
168 100
99 62.9 59.9 89.9



#16
Acetone
Concen: 6.517 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

Tgt Ion: 43 Resp: 13321
Ion Ratio Lower Upper
43 100
58 24.9 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 48.820 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081523.D

Acq: 21 Mar 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

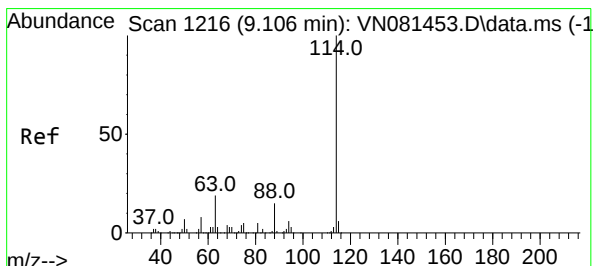
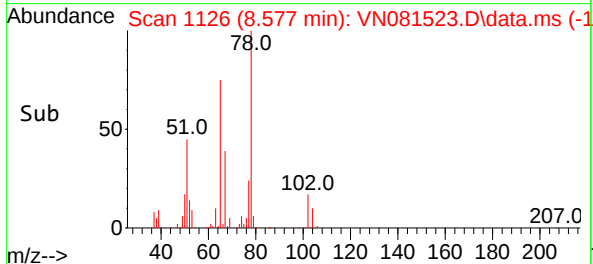
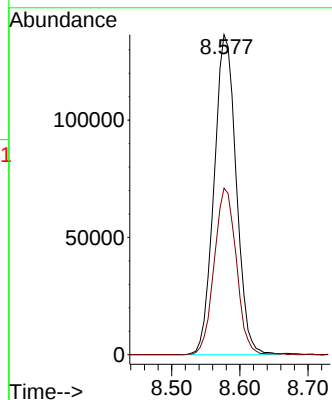
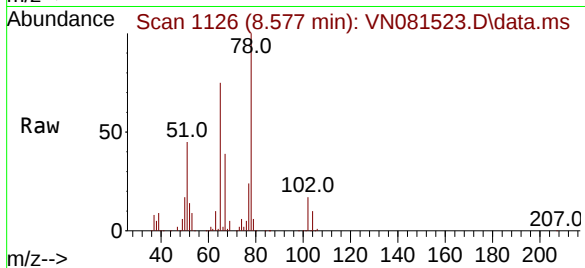
S-6

Tgt Ion: 65 Resp: 308791

Ion Ratio Lower Upper

65 100

67 52.0 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: VN081523.D

Acq: 21 Mar 2024 16:36

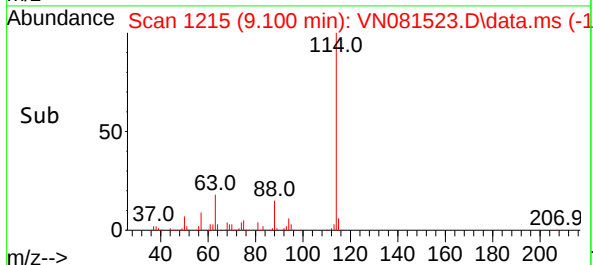
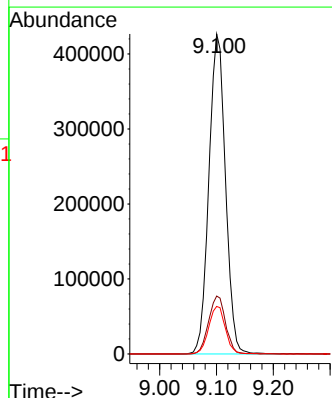
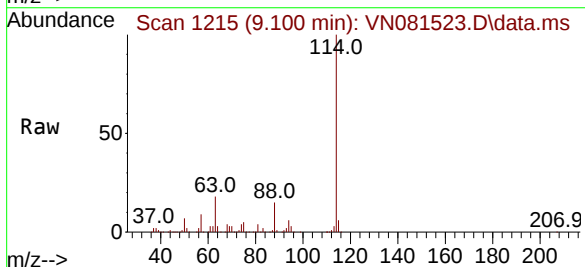
Tgt Ion: 114 Resp: 860859

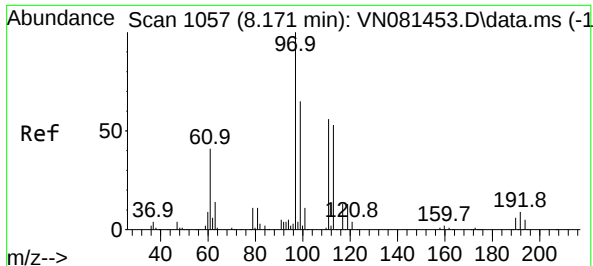
Ion Ratio Lower Upper

114 100

63 18.1 0.0 48.0

88 14.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.045 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN081523.D

Acq: 21 Mar 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

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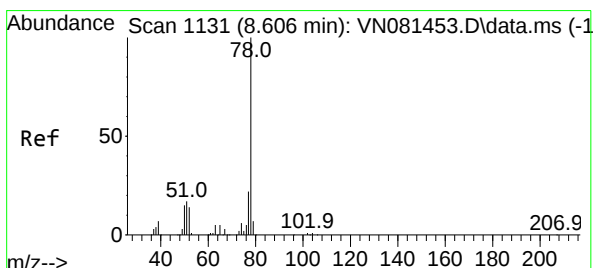
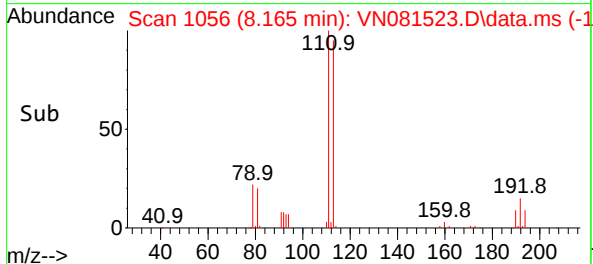
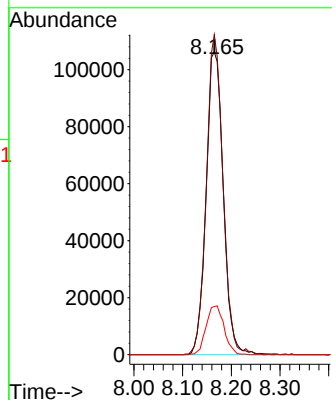
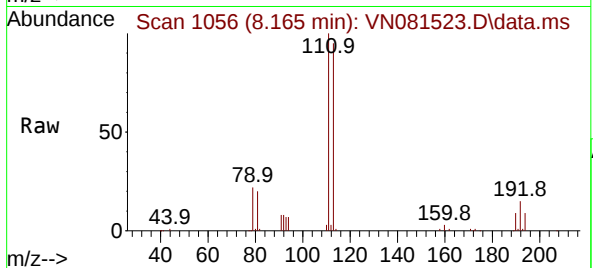
Tgt Ion:113 Resp: 261024

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 16.8 12.5 18.7



#40

Benzene

Concen: 114.816 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081523.D

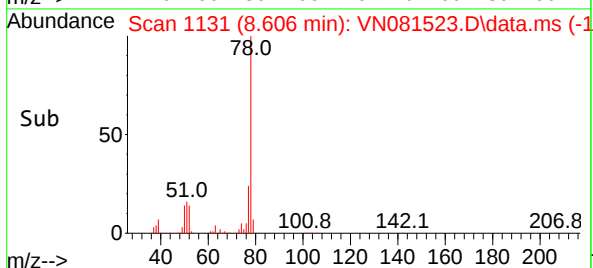
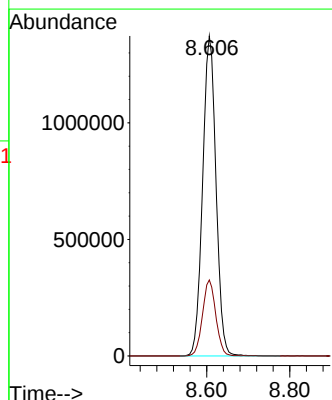
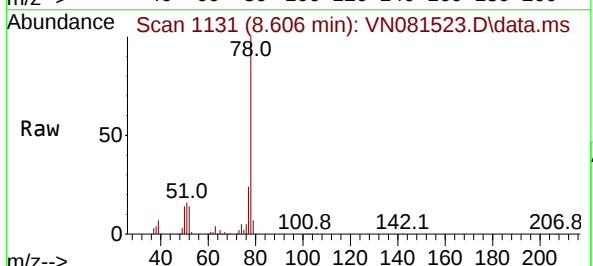
Acq: 21 Mar 2024 16:36

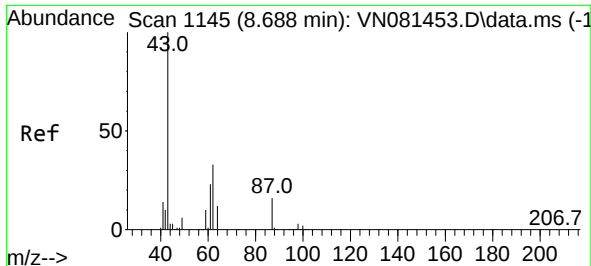
Tgt Ion: 78 Resp: 3069027

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

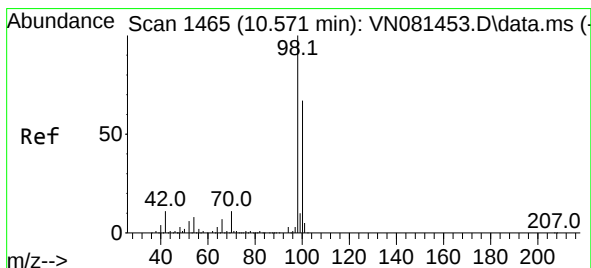
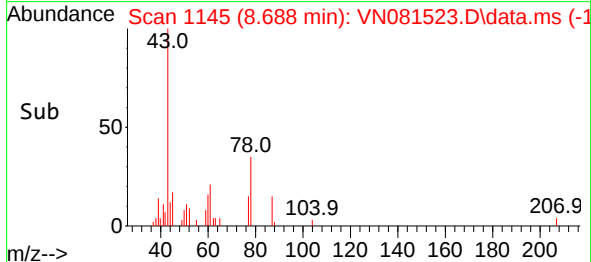
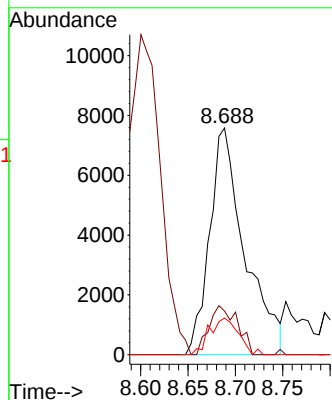
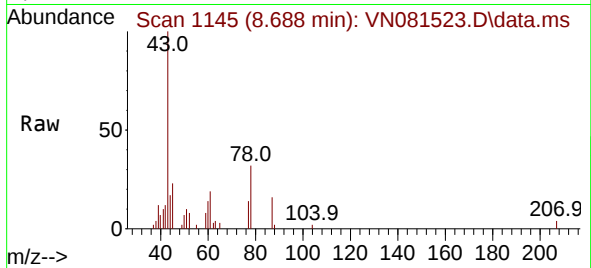




#43
Isopropyl Acetate
Concen: 1.509 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

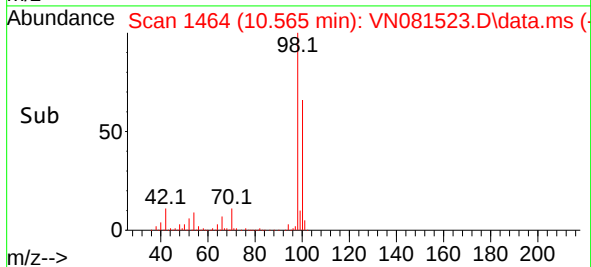
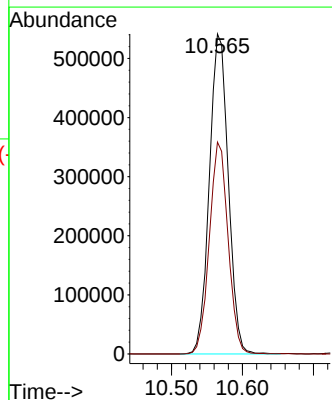
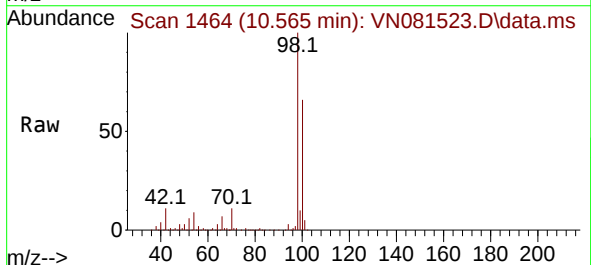
Instrument :
MSVOA_N
ClientSampleId :
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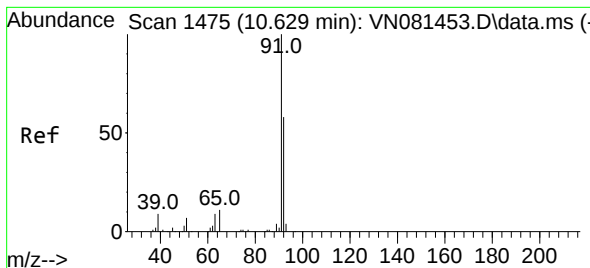
Tgt Ion: 43 Resp: 19586
Ion Ratio Lower Upper
43 100
61 17.5 19.9 29.9#
87 13.4 9.0 13.6



#50
Toluene-d8
Concen: 50.934 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

Tgt Ion: 98 Resp: 1000313
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0





#52

Toluene

Concen: 57.719 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081523.D

Acq: 21 Mar 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

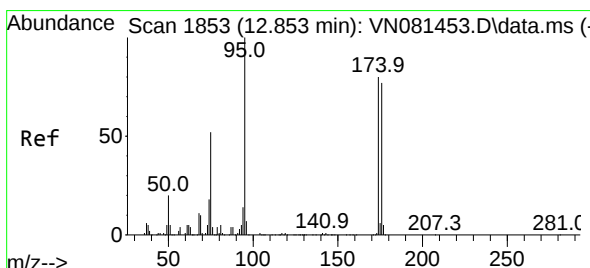
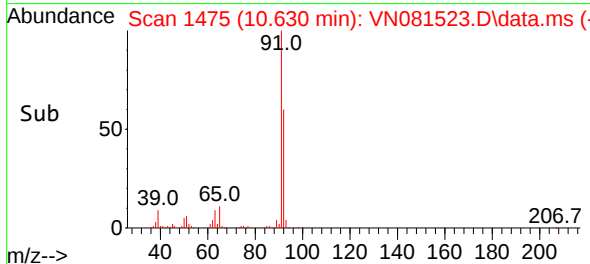
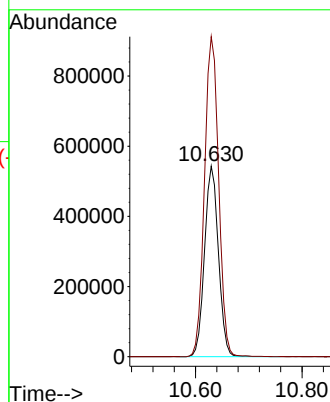
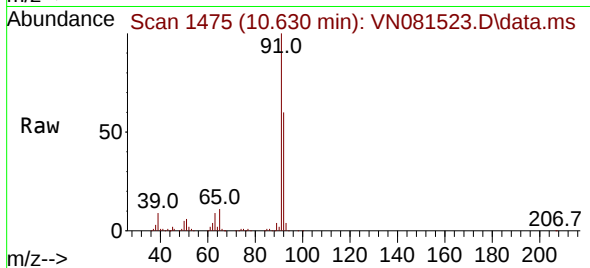
S-6

Tgt Ion: 92 Resp: 980606

Ion Ratio Lower Upper

92 100

91 171.4 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 48.524 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081523.D

Acq: 21 Mar 2024 16:36

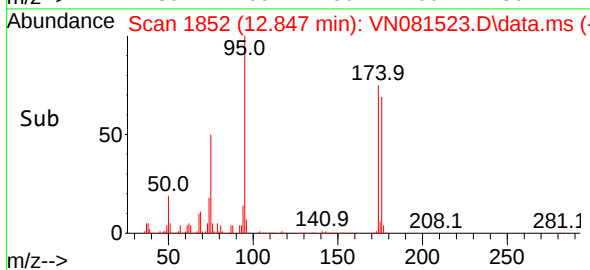
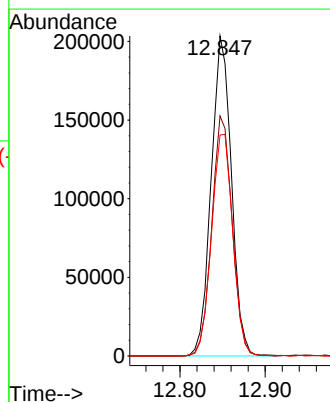
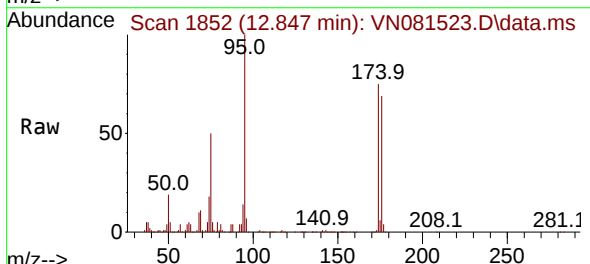
Tgt Ion: 95 Resp: 335793

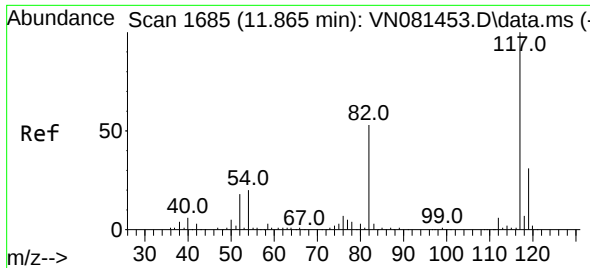
Ion Ratio Lower Upper

95 100

174 75.6 0.0 120.4

176 72.7 0.0 121.0

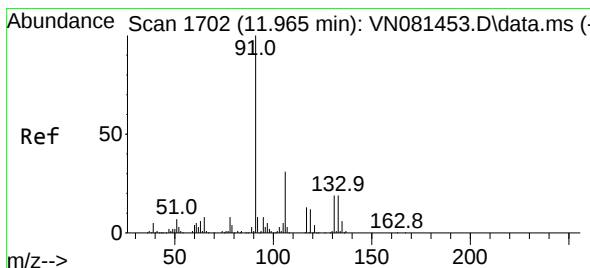
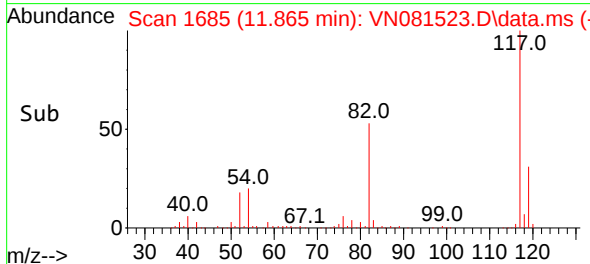
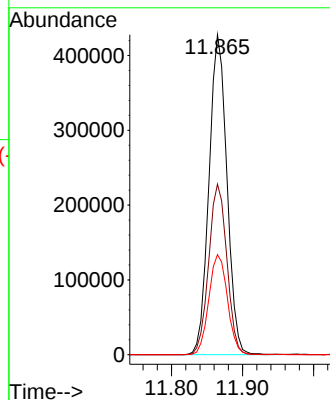
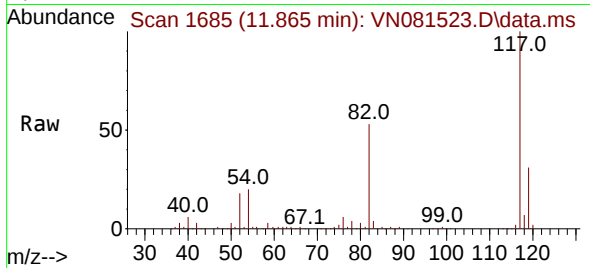




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

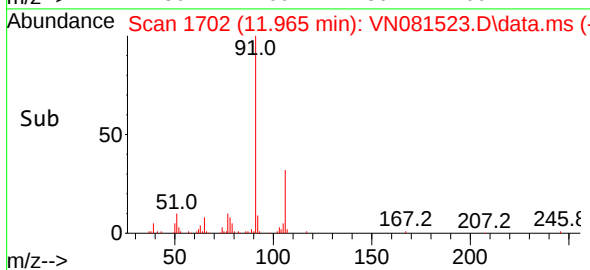
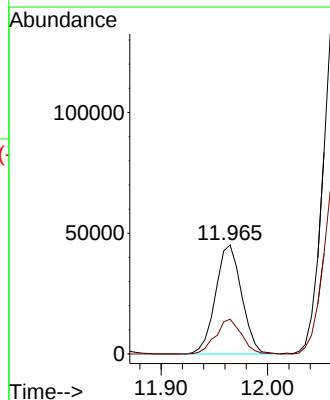
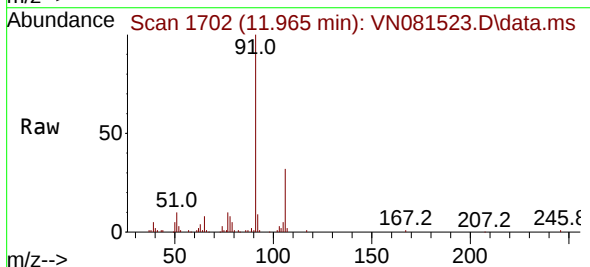
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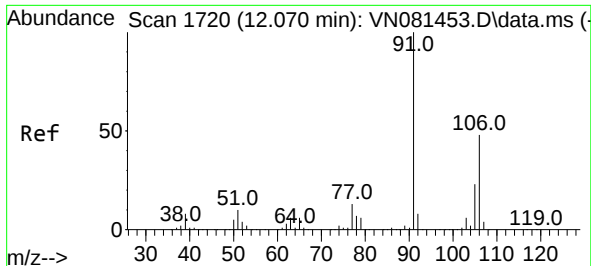
Tgt Ion:117 Resp: 750491
Ion Ratio Lower Upper
117 100
82 53.3 52.7 79.1
119 31.2 25.3 37.9



#67
Ethyl Benzene
Concen: 2.485 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

Tgt Ion: 91 Resp: 76586
Ion Ratio Lower Upper
91 100
106 31.9 23.8 35.6

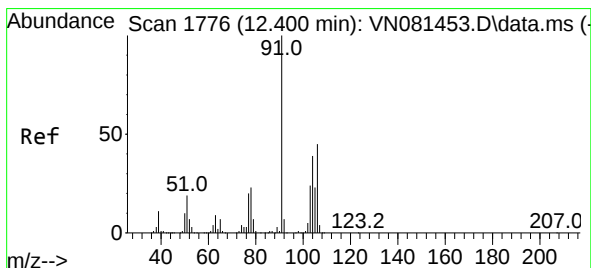
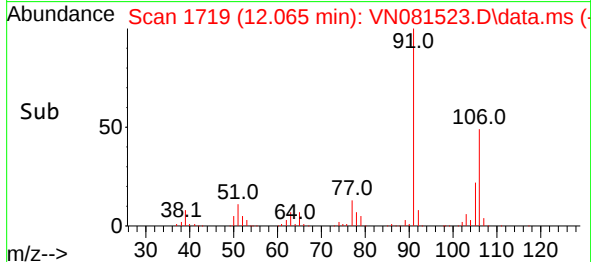
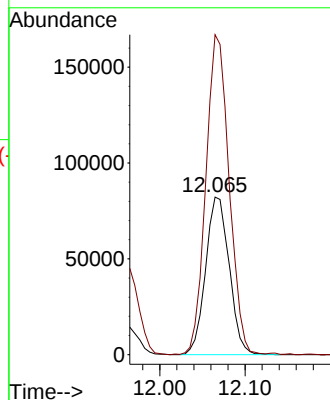
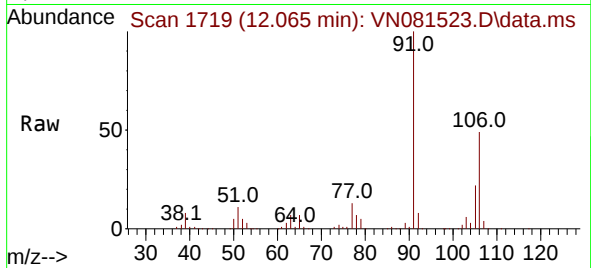




#68
m/p-Xylenes
Concen: 13.691 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

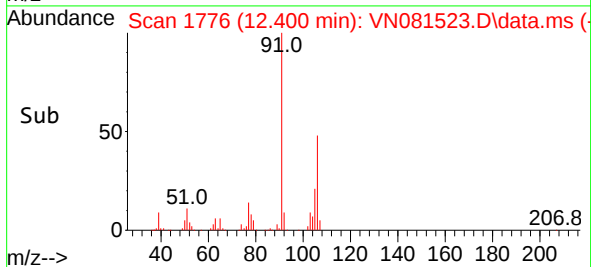
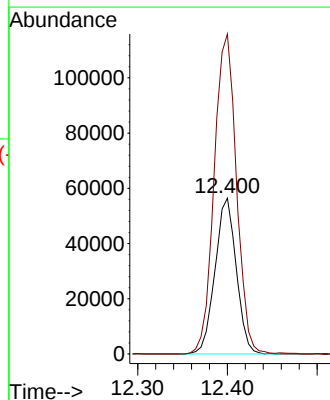
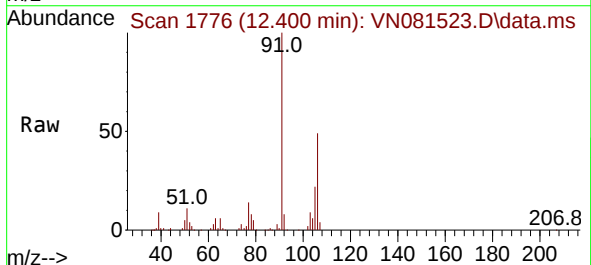
Instrument :
MSVOA_N
ClientSampleId :
S-6

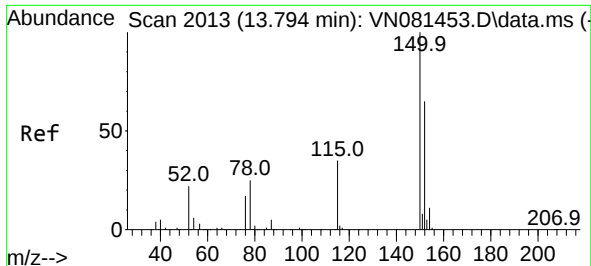
Tgt Ion:106 Resp: 158174
Ion Ratio Lower Upper
106 100
91 200.2 169.0 253.6



#69
o-Xylene
Concen: 8.176 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

Tgt Ion:106 Resp: 92729
Ion Ratio Lower Upper
106 100
91 215.1 112.1 336.3

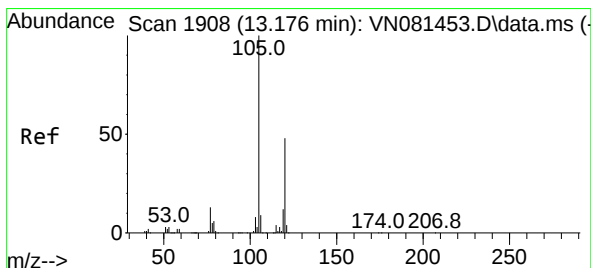
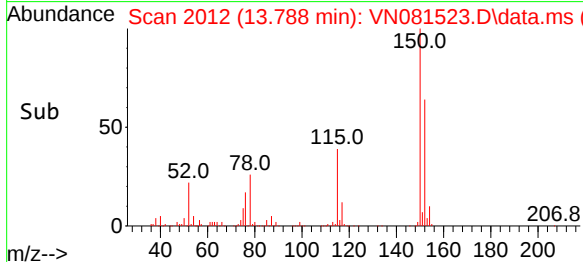
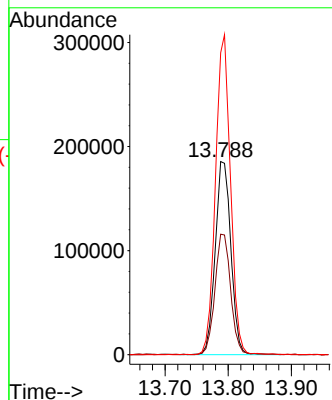
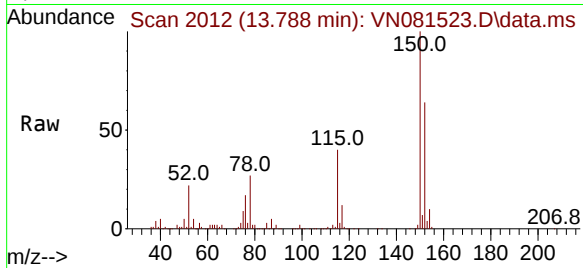




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

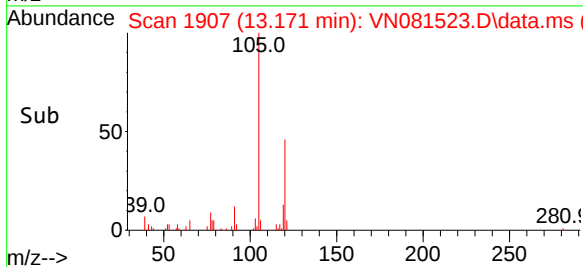
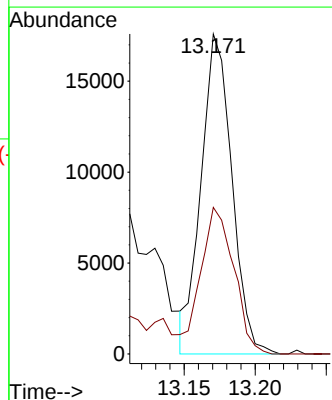
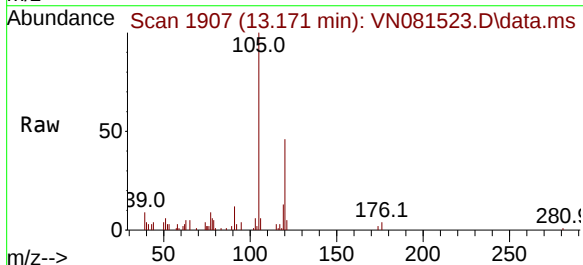
Instrument :
MSVOA_N
ClientSampleId :
S-6

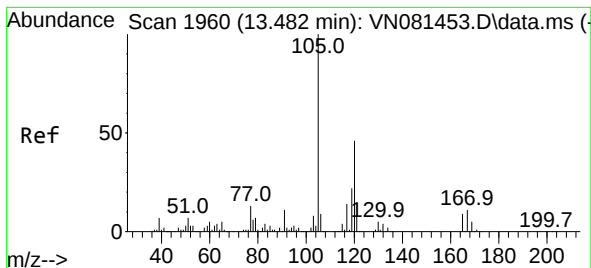
Tgt Ion:152 Resp: 319593
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 157.8 0.0 339.8



#80
1,3,5-Trimethylbenzene
Concen: 1.179 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081523.D
Acq: 21 Mar 2024 16:36

Tgt Ion:105 Resp: 26529
Ion Ratio Lower Upper
105 100
120 50.6 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 3.395 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081523.D

Acq: 21 Mar 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

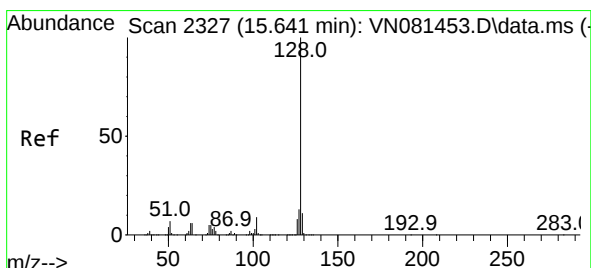
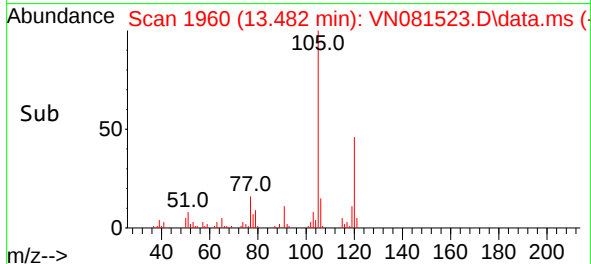
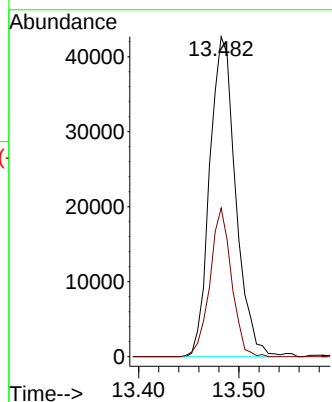
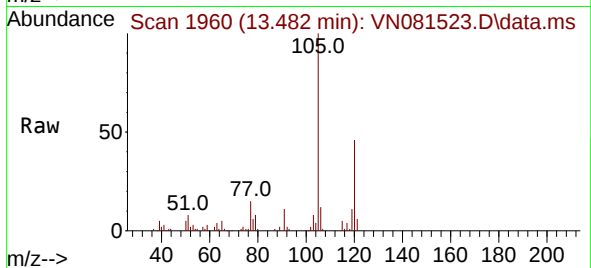
S-6

Tgt Ion:105 Resp: 76777

Ion Ratio Lower Upper

105 100

120 38.6 20.9 62.7



#95

Naphthalene

Concen: 46.875 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081523.D

Acq: 21 Mar 2024 16:36

Tgt Ion:128 Resp: 1045151

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.9 8.7 13.1

