

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081528.D
 Acq On : 21 Mar 2024 18:35
 Operator : JC\MD
 Sample : P1798-11 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-11

Quant Time: Mar 22 05:11:28 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)

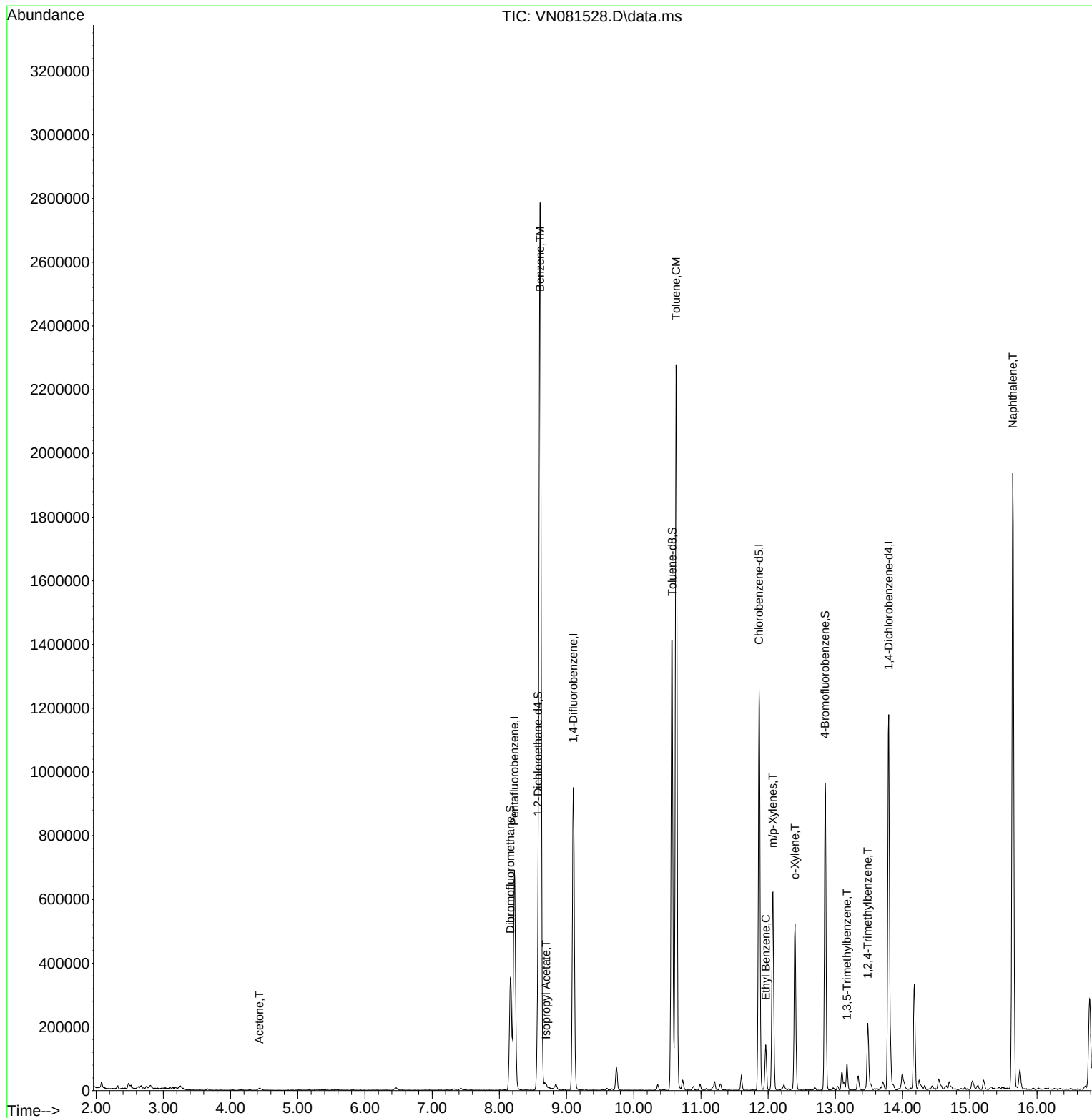
Internal Standards						
1) Pentafluorobenzene	8.224	168	497302	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	872625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	750979	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	313232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	303577	47.868	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.740%
35) Dibromofluoromethane	8.165	113	260051	47.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	10.571	98	1008876	50.678	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.847	95	328984	46.899	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.800%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	13372	6.524	ug/l	96
40) Benzene	8.606	78	2856130	105.410	ug/l	98
43) Isopropyl Acetate	8.694	43	15887	1.208	ug/l	# 73
52) Toluene	10.629	92	1012352	58.784	ug/l	99
67) Ethyl Benzene	11.965	91	104583	3.391	ug/l	95
68) m/p-Xylenes	12.071	106	199710	17.275	ug/l	96
69) o-Xylene	12.400	106	144337	12.717	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	42039	1.906	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	122864	5.543	ug/l	99
95) Naphthalene	15.641	128	1776122	81.276	ug/l	99

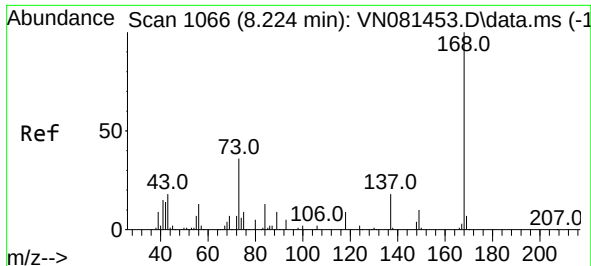
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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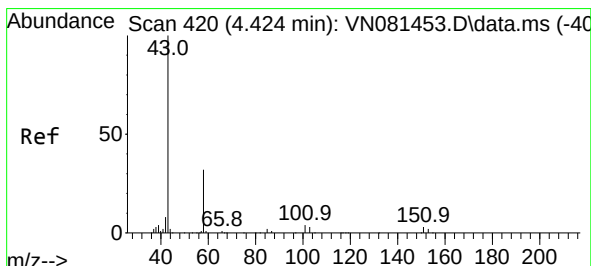
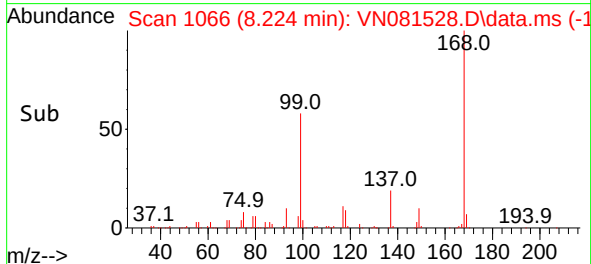
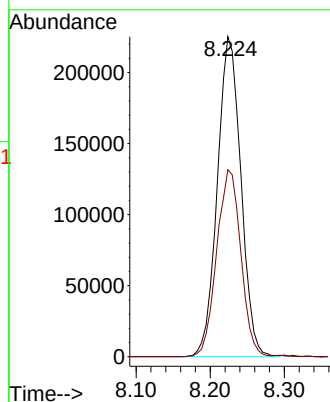
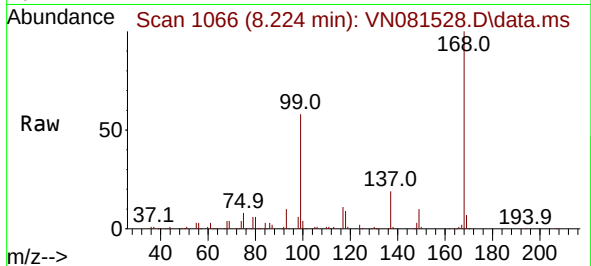




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

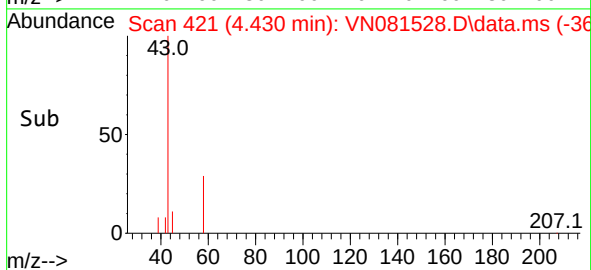
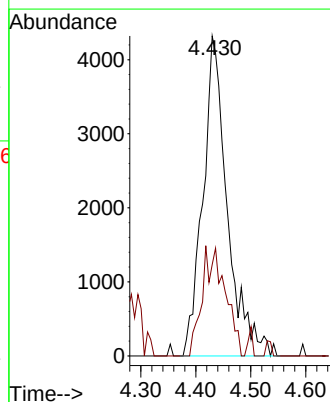
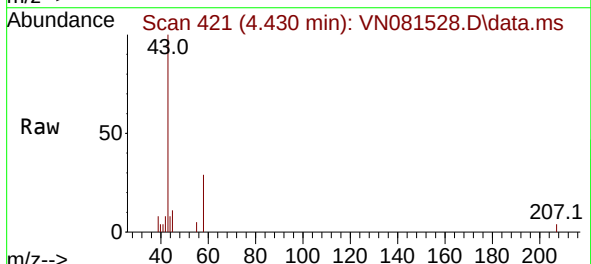
Instrument :
MSVOA_N
ClientSampleId :
S-11

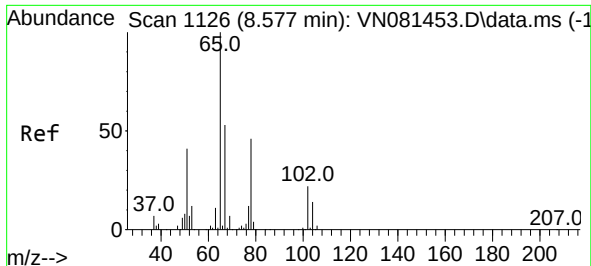
Tgt Ion:168 Resp: 497302
Ion Ratio Lower Upper
168 100
99 58.4 59.9 89.9#



#16
Acetone
Concen: 6.524 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

Tgt Ion: 43 Resp: 13372
Ion Ratio Lower Upper
43 100
58 28.5 24.8 37.2

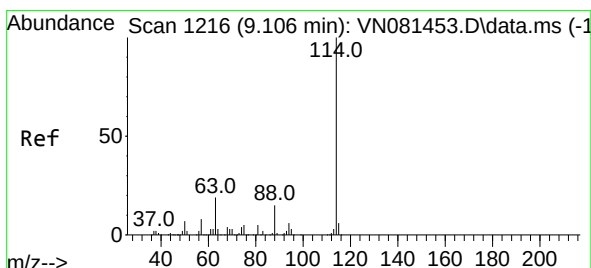
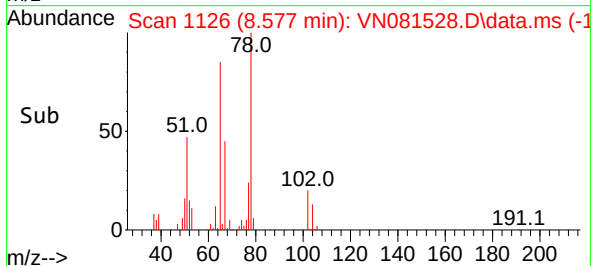
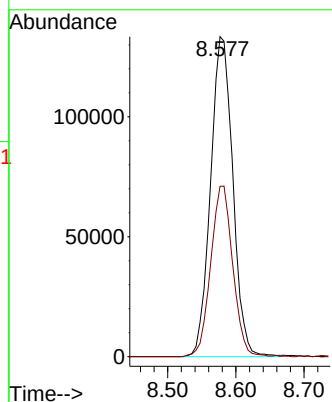
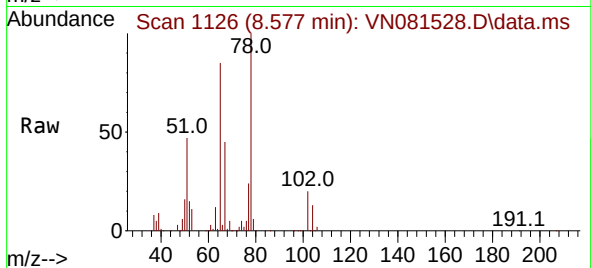




#33
 1,2-Dichloroethane-d4
 Concen: 47.868 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN081528.D
 Acq: 21 Mar 2024 18:35

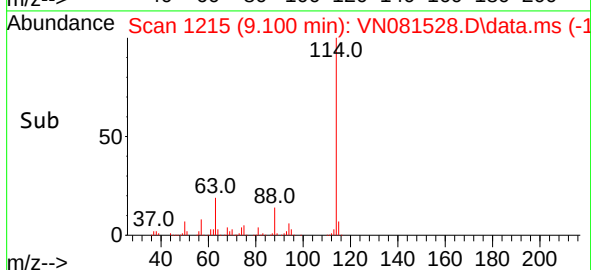
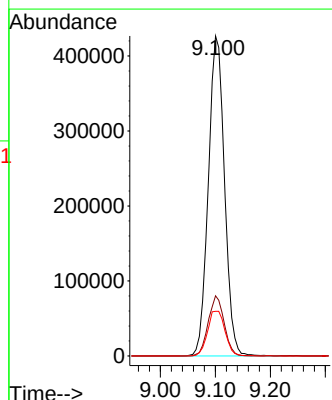
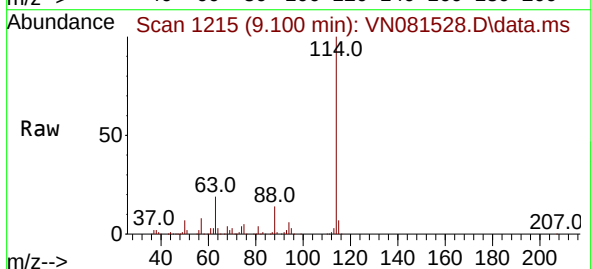
Instrument :
 MSVOA_N
 ClientSampleId :
 S-11

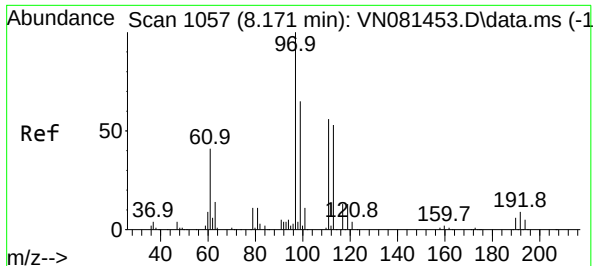
Tgt Ion: 65 Resp: 303577
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN081528.D
 Acq: 21 Mar 2024 18:35

Tgt Ion: 114 Resp: 872625
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 48.0
 88 13.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.221 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN081528.D

Acq: 21 Mar 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

S-11

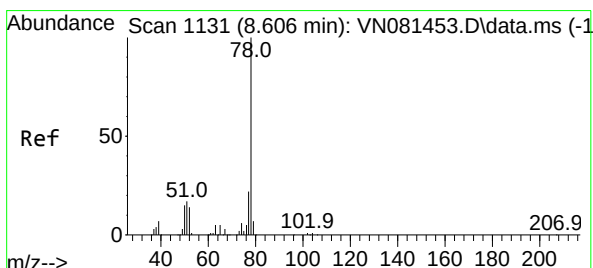
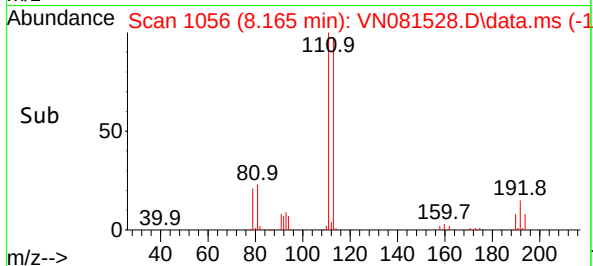
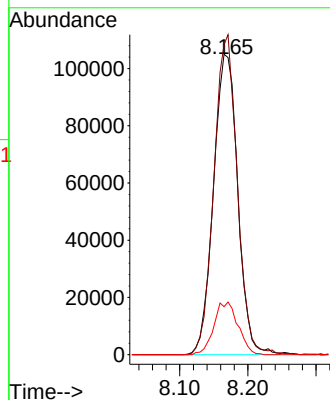
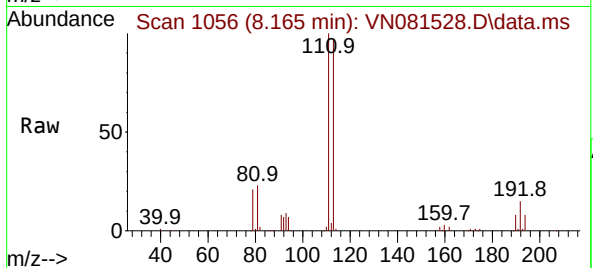
Tgt Ion:113 Resp: 260051

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 17.5 12.5 18.7



#40

Benzene

Concen: 105.410 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081528.D

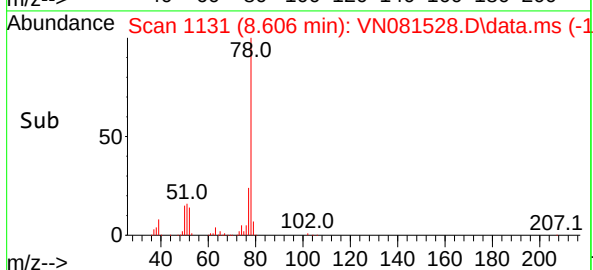
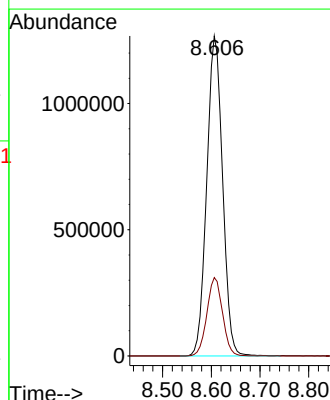
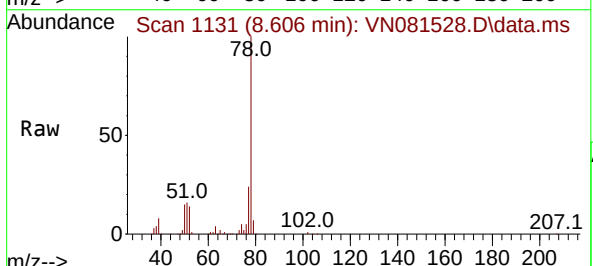
Acq: 21 Mar 2024 18:35

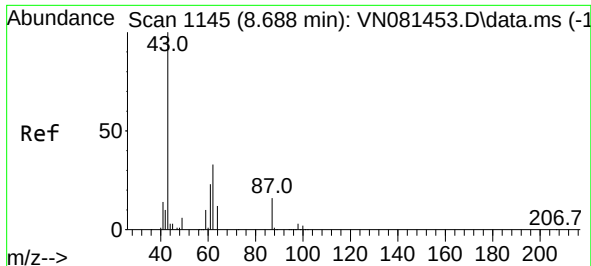
Tgt Ion: 78 Resp: 2856130

Ion Ratio Lower Upper

78 100

77 24.5 20.4 30.6

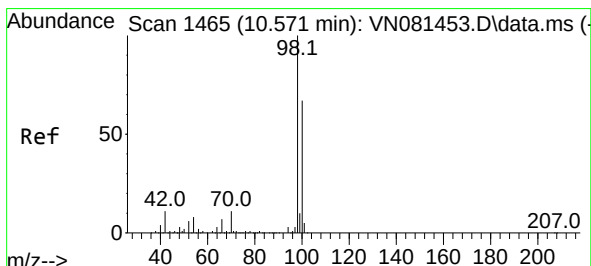
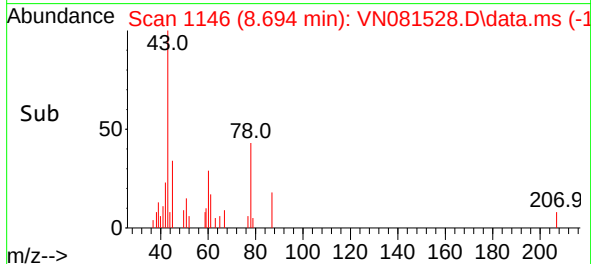
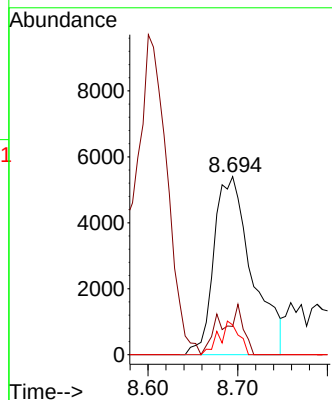
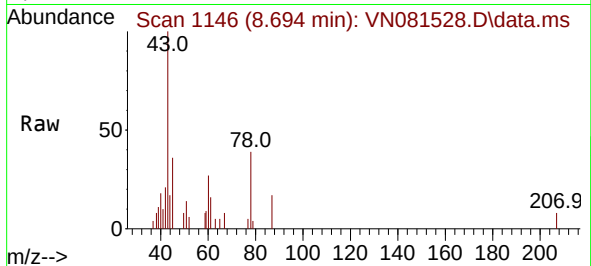




#43
Isopropyl Acetate
Concen: 1.208 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

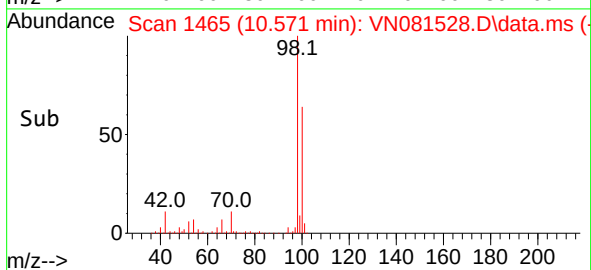
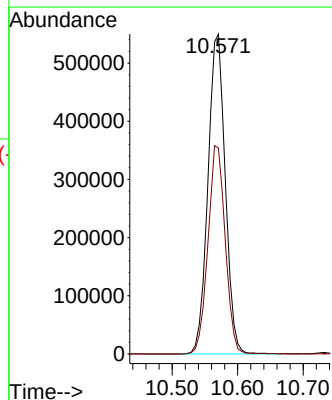
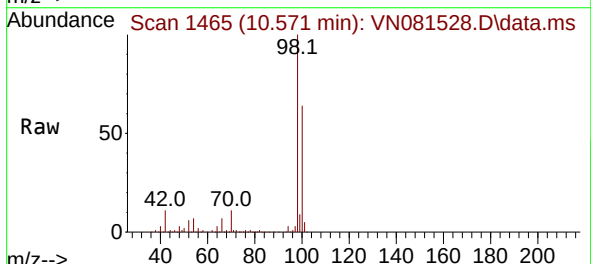
Instrument :
MSVOA_N
ClientSampleId :
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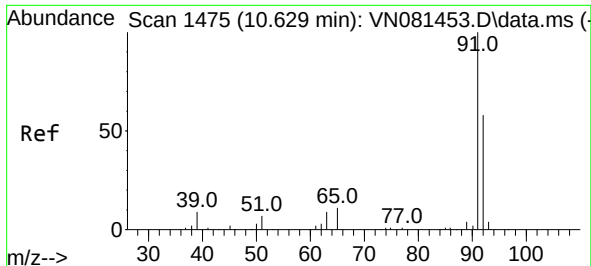
Tgt Ion: 43 Resp: 15887
Ion Ratio Lower Upper
43 100
61 6.1 19.9 29.9#
87 9.8 9.0 13.6



#50
Toluene-d8
Concen: 50.678 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

Tgt Ion: 98 Resp: 1008876
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0

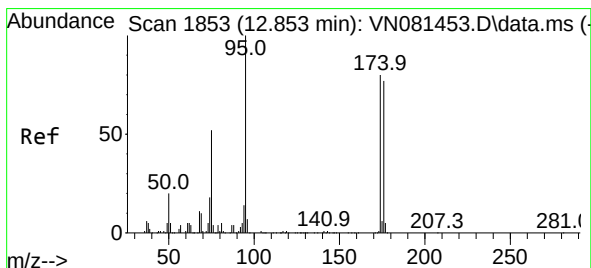
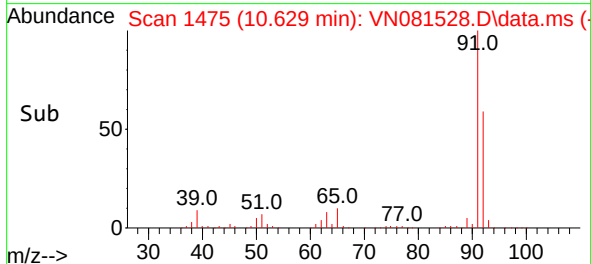
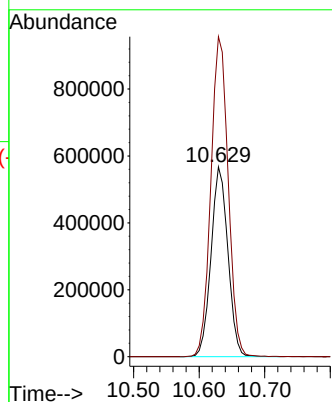
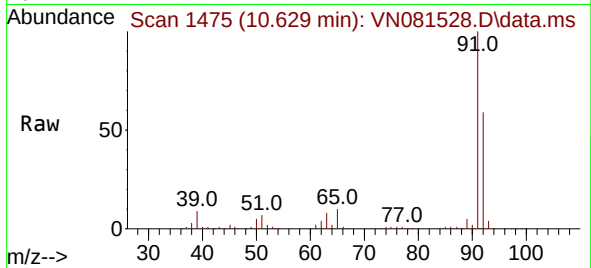




#52
Toluene
Concen: 58.784 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

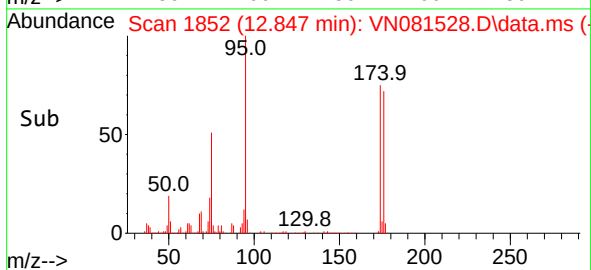
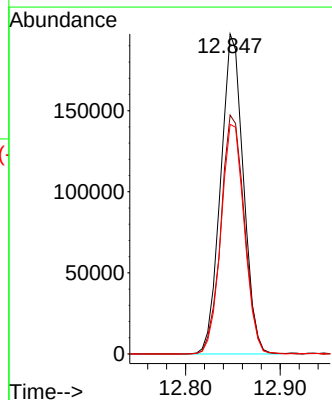
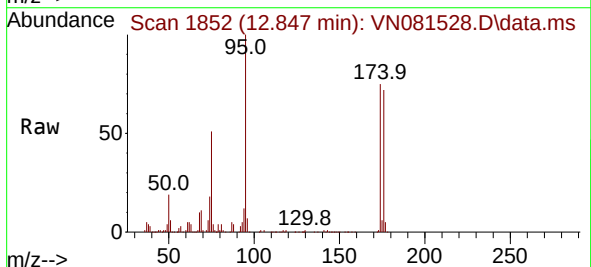
Instrument :
MSVOA_N
ClientSampleId :
S-11

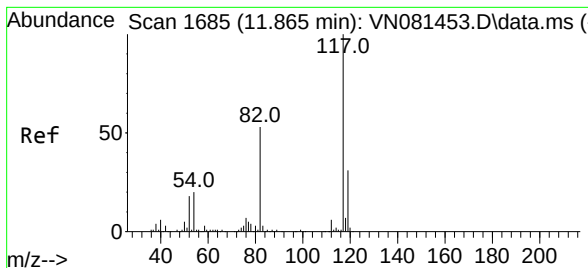
Tgt Ion: 92 Resp: 1012352
Ion Ratio Lower Upper
92 100
91 173.1 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 46.899 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

Tgt Ion: 95 Resp: 328984
Ion Ratio Lower Upper
95 100
174 77.4 0.0 120.4
176 73.8 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081528.D

Acq: 21 Mar 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

S-11

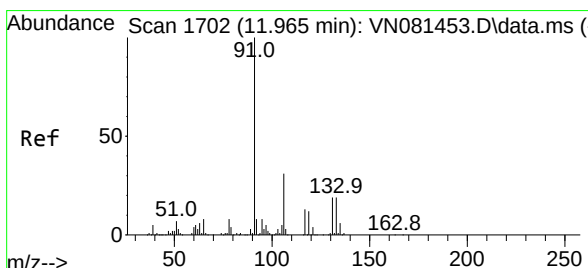
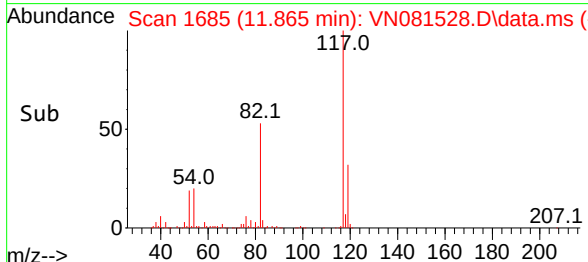
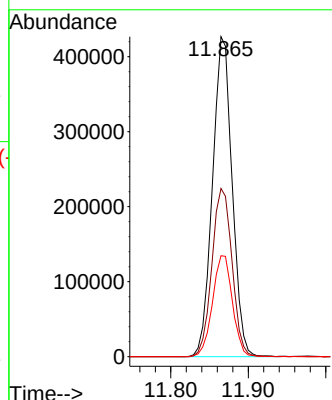
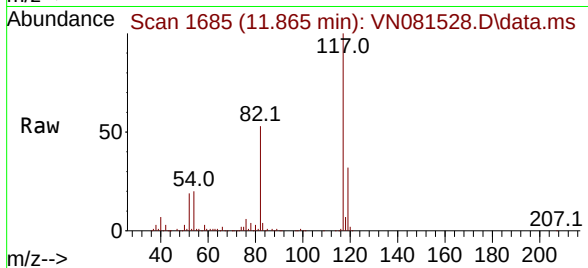
Tgt Ion:117 Resp: 750979

Ion Ratio Lower Upper

117 100

82 52.6 52.7 79.1#

119 31.6 25.3 37.9



#67

Ethyl Benzene

Concen: 3.391 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN081528.D

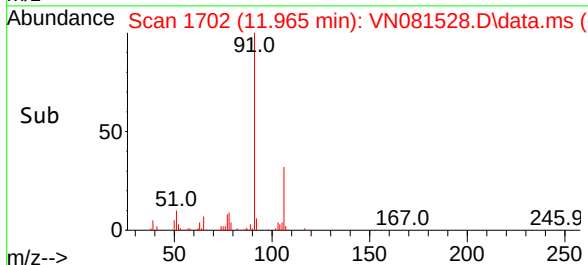
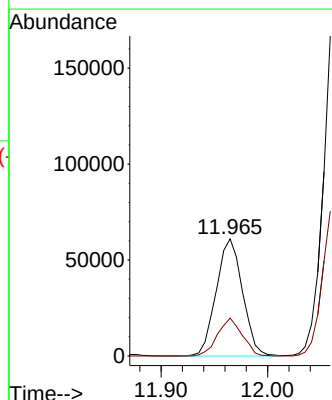
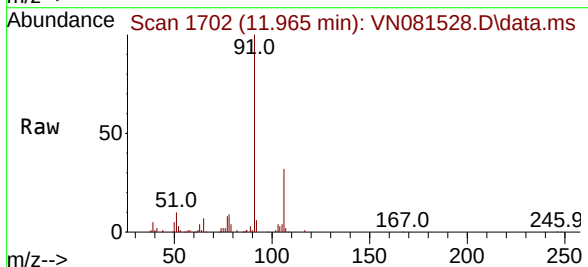
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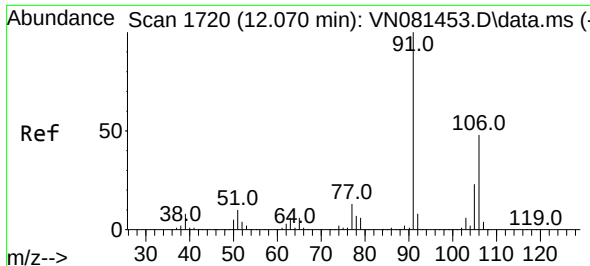
Tgt Ion: 91 Resp: 104583

Ion Ratio Lower Upper

91 100

106 32.4 23.8 35.6

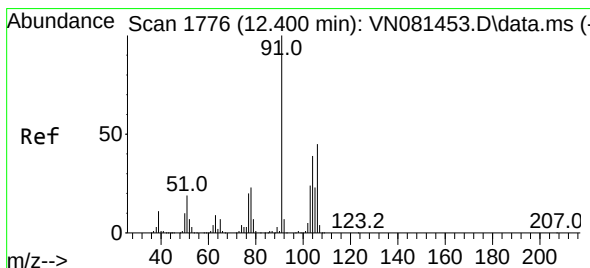
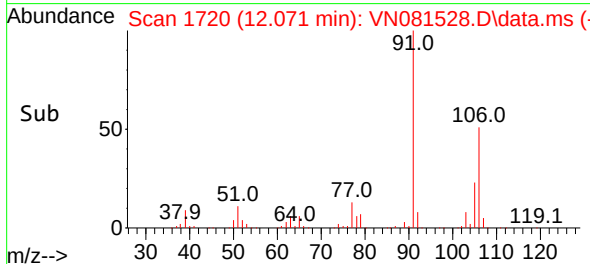
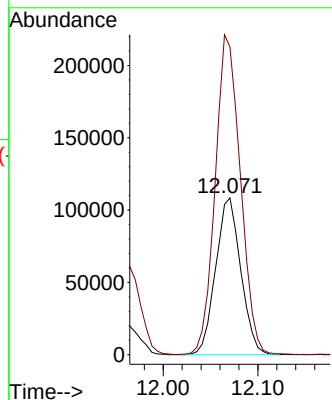
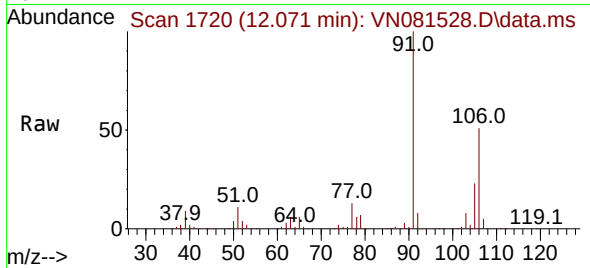




#68
m/p-Xylenes
Concen: 17.275 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

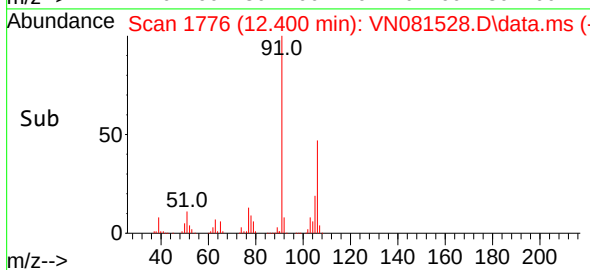
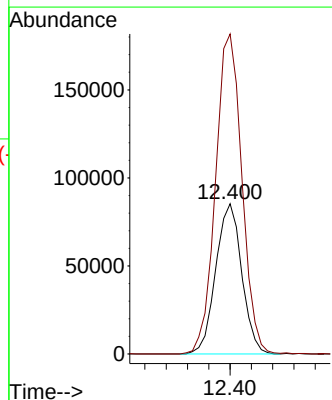
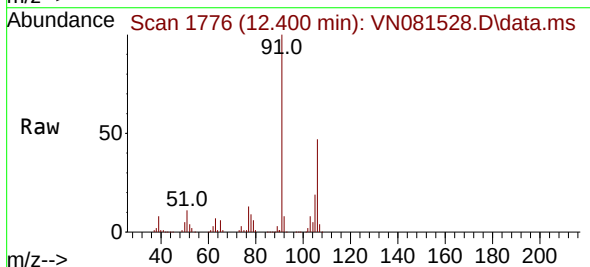
Instrument :
MSVOA_N
ClientSampleId :
S-11

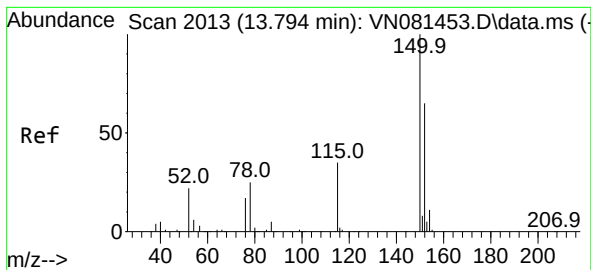
Tgt Ion:106 Resp: 199710
Ion Ratio Lower Upper
106 100
91 205.2 169.0 253.6



#69
o-Xylene
Concen: 12.717 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

Tgt Ion:106 Resp: 144337
Ion Ratio Lower Upper
106 100
91 216.3 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN081528.D

Acq: 21 Mar 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

S-11

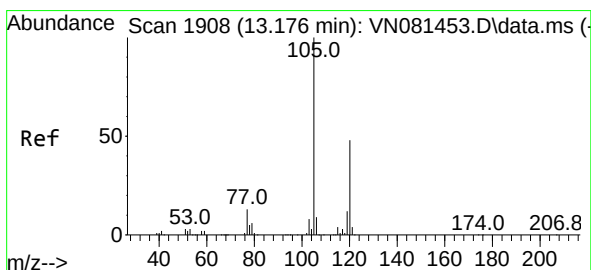
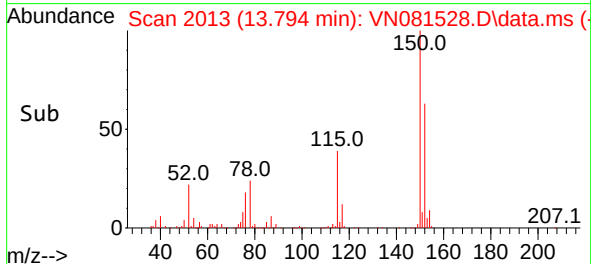
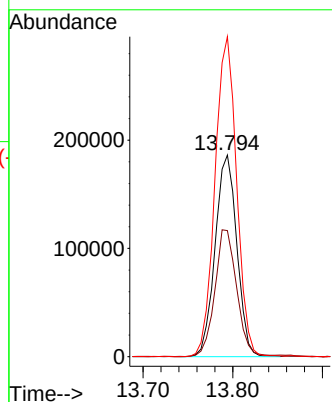
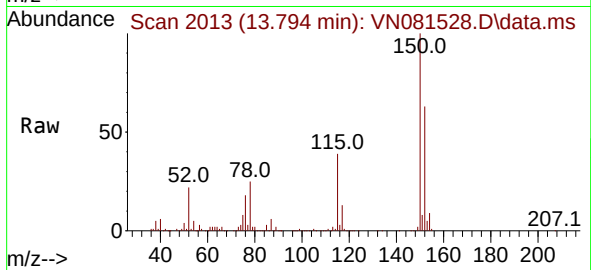
Tgt Ion:152 Resp: 313232

Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 157.9 0.0 339.8



#80

1,3,5-Trimethylbenzene

Concen: 1.906 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN081528.D

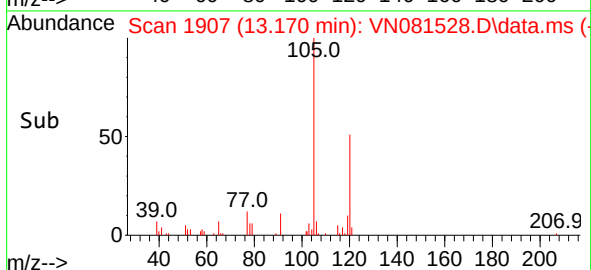
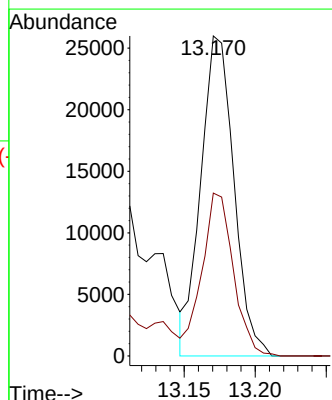
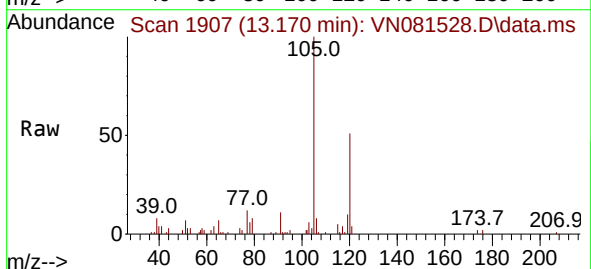
Acq: 21 Mar 2024 18:35

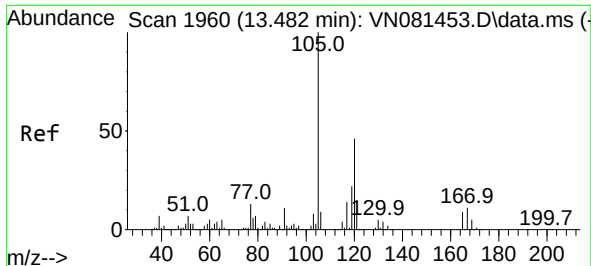
Tgt Ion:105 Resp: 42039

Ion Ratio Lower Upper

105 100

120 48.4 23.0 69.0

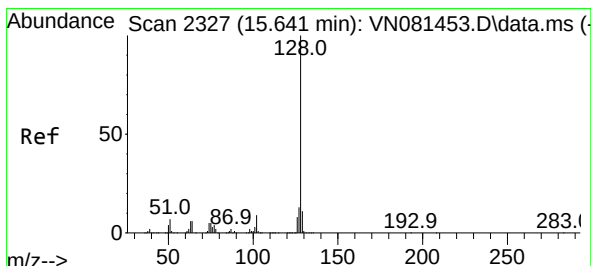
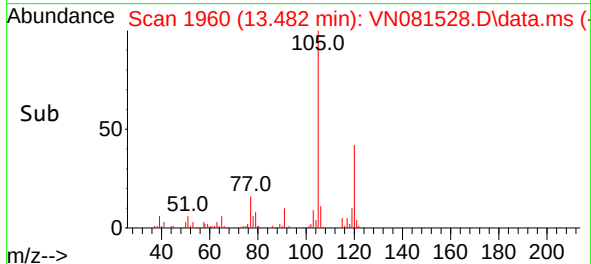
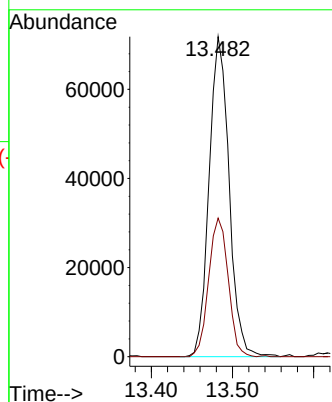
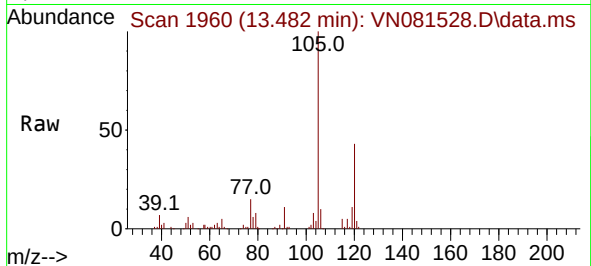




#84
1,2,4-Trimethylbenzene
Concen: 5.543 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

Instrument :
MSVOA_N
ClientSampleId :
S-11

Tgt Ion:105 Resp: 122864
Ion Ratio Lower Upper
105 100
120 42.2 20.9 62.7



#95
Naphthalene
Concen: 81.276 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081528.D
Acq: 21 Mar 2024 18:35

Tgt Ion:128 Resp: 1776122
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.7 8.7 13.1

