

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081525.D
 Acq On : 21 Mar 2024 17:24
 Operator : JC\MD
 Sample : P1798-08 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-8

Quant Time: Mar 22 05:09:58 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	490149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	872899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	764104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	335846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	304939	48.785	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.560%
35) Dibromofluoromethane	8.165	113	257618	46.764	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.520%
50) Toluene-d8	10.565	98	1015229	50.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.847	95	343362	48.934	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.860%

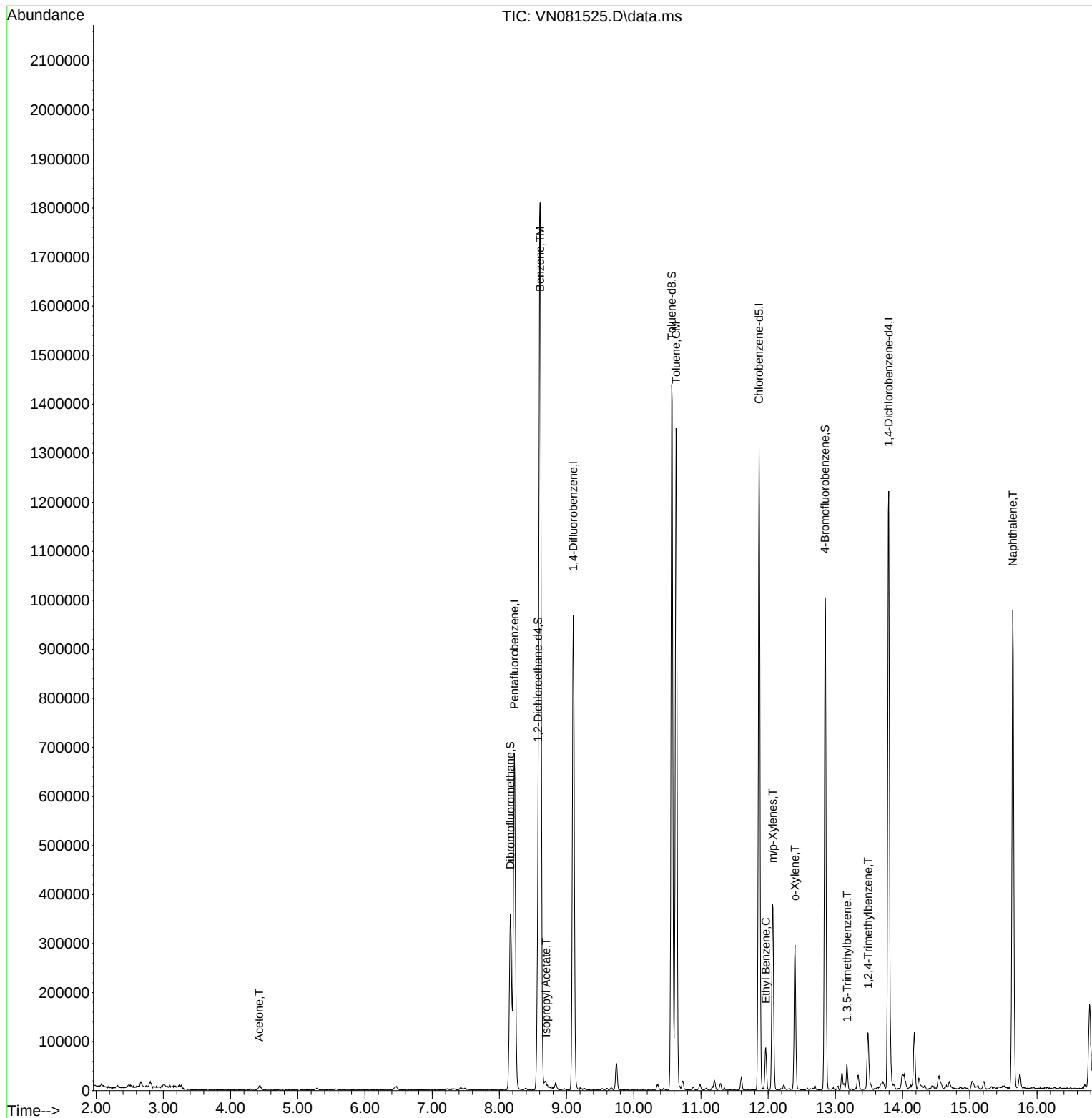
Target Compounds					Qvalue	
16) Acetone	4.424	43	14896	7.374	ug/l	# 79
40) Benzene	8.606	78	1834734	67.693	ug/l	96
43) Isopropyl Acetate	8.694	43	16270	1.236	ug/l	# 78
52) Toluene	10.629	92	610634	35.446	ug/l	99
67) Ethyl Benzene	11.965	91	60946	1.942	ug/l	93
68) m/p-Xylenes	12.070	106	124746	10.605	ug/l	92
69) o-Xylene	12.400	106	80575	6.977	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	24892	1.053	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	72871	3.066	ug/l	94
95) Naphthalene	15.641	128	893074	38.116	ug/l	99

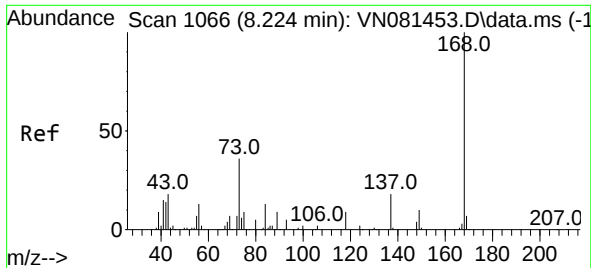
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
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Quant Title : SW846 8260
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Response via : Initial Calibration

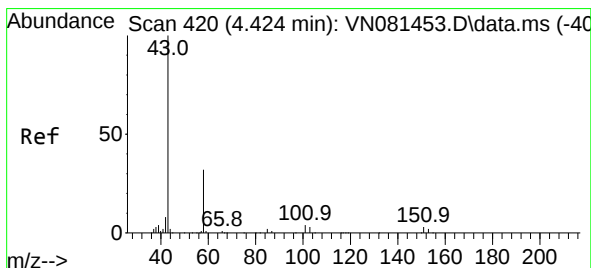
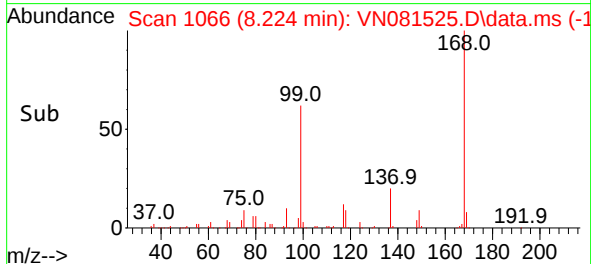
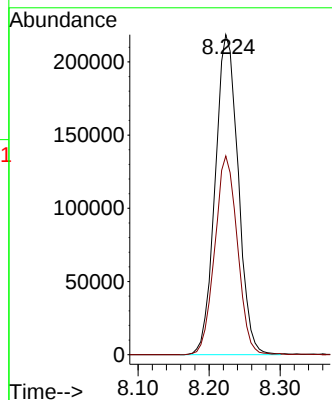
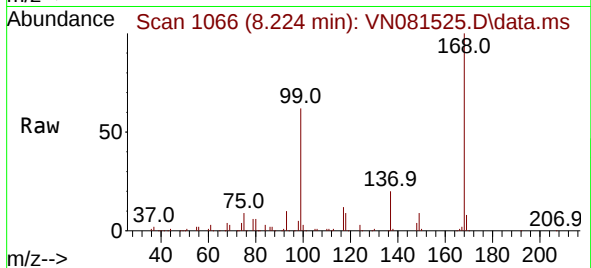




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081525.D
Acq: 21 Mar 2024 17:24

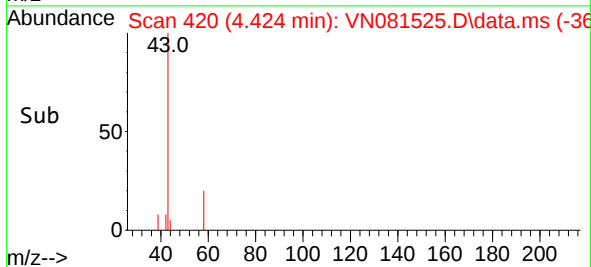
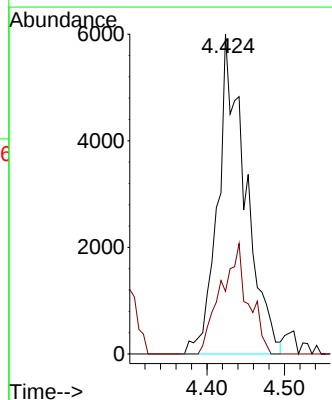
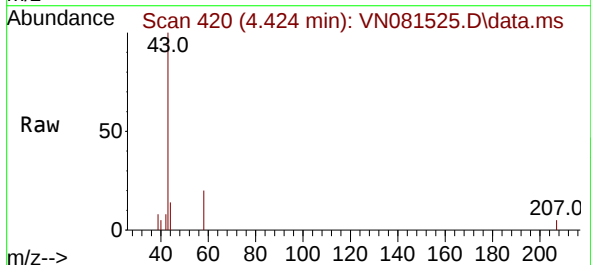
Instrument :
MSVOA_N
ClientSampleId :
S-8

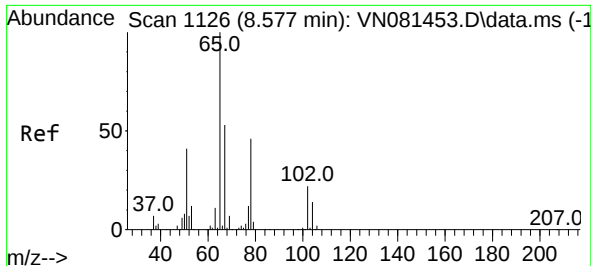
Tgt Ion:168 Resp: 490149
Ion Ratio Lower Upper
168 100
99 62.1 59.9 89.9



#16
Acetone
Concen: 7.374 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081525.D
Acq: 21 Mar 2024 17:24

Tgt Ion: 43 Resp: 14896
Ion Ratio Lower Upper
43 100
58 19.6 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 48.785 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081525.D

Acq: 21 Mar 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

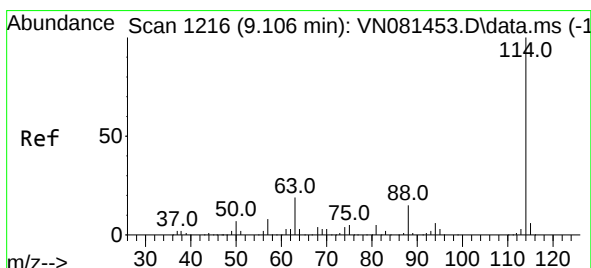
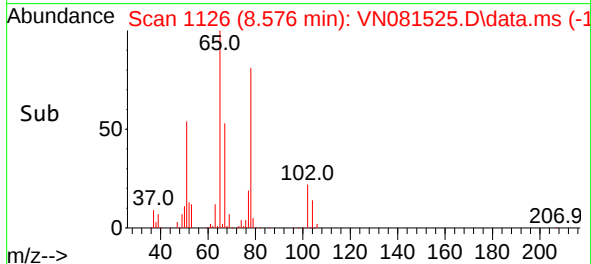
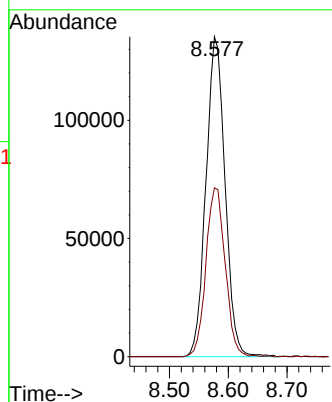
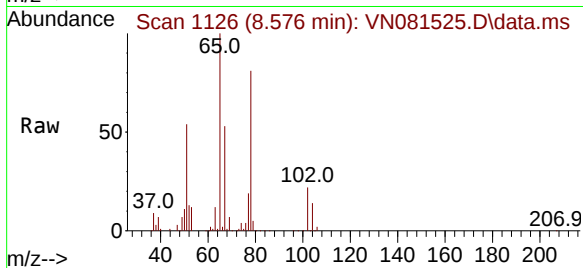
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Tgt Ion: 65 Resp: 304939

Ion Ratio Lower Upper

65 100

67 53.3 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: VN081525.D

Acq: 21 Mar 2024 17:24

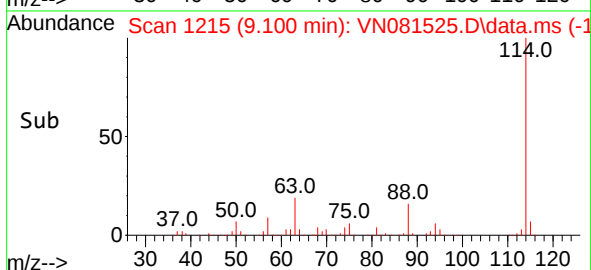
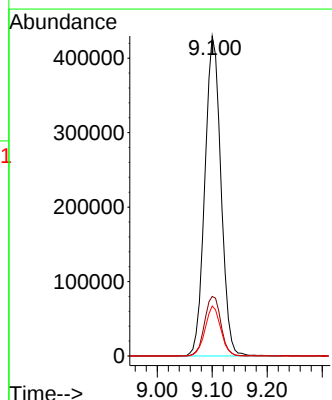
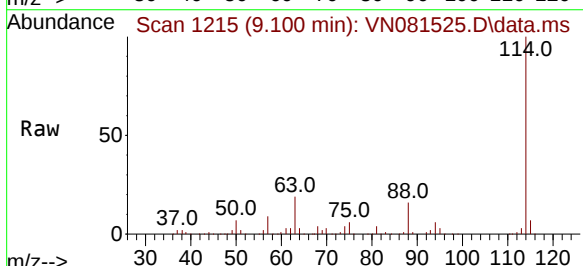
Tgt Ion: 114 Resp: 872899

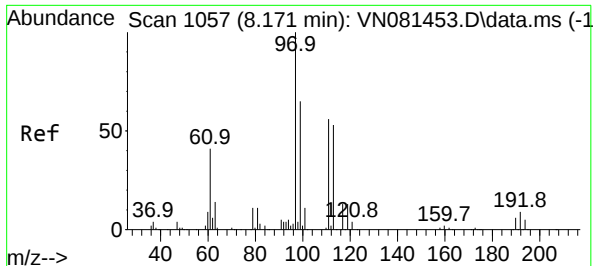
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 46.764 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN081525.D

Acq: 21 Mar 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

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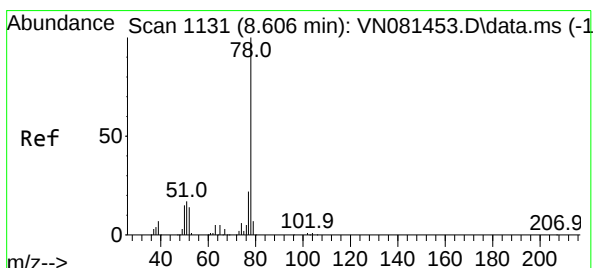
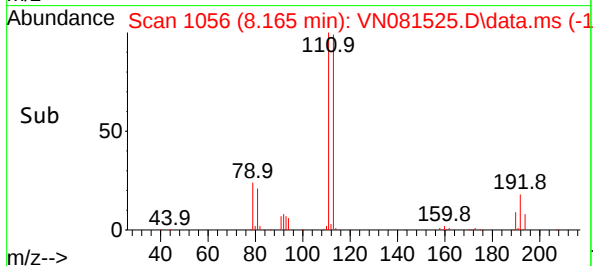
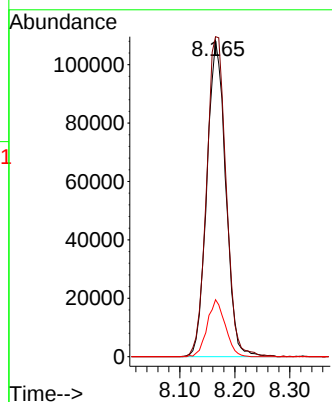
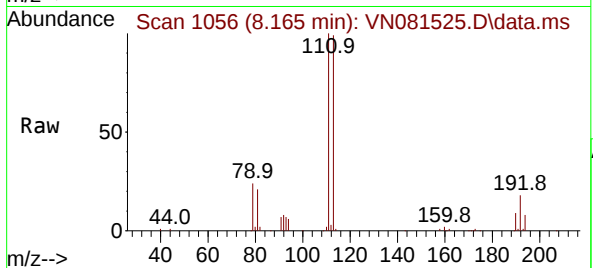
Tgt Ion:113 Resp: 257618

Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 17.3 12.5 18.7



#40

Benzene

Concen: 67.693 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081525.D

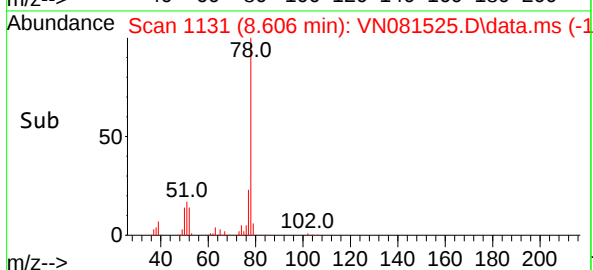
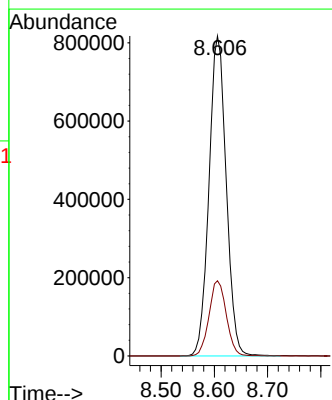
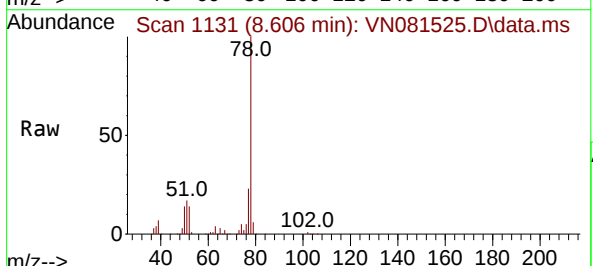
Acq: 21 Mar 2024 17:24

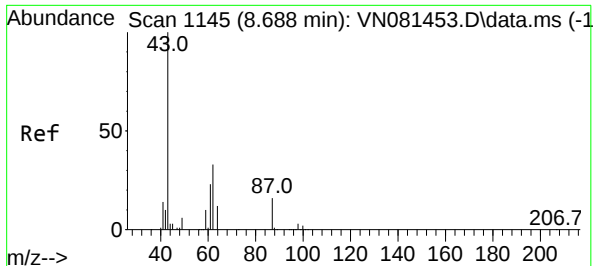
Tgt Ion: 78 Resp: 1834734

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

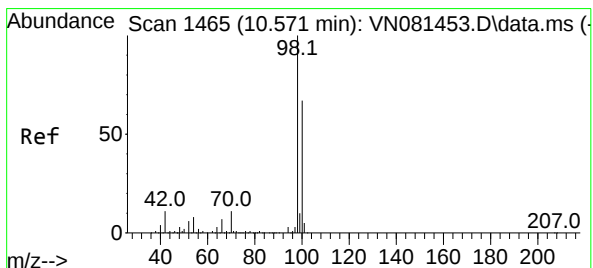
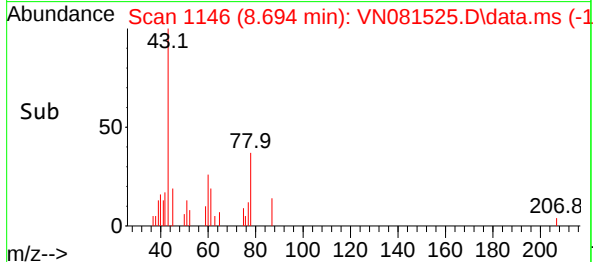
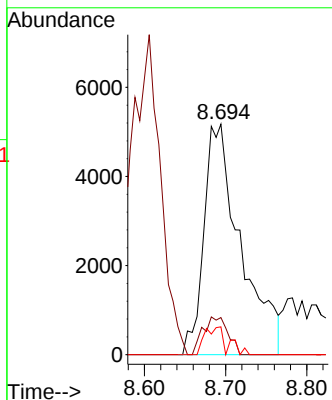
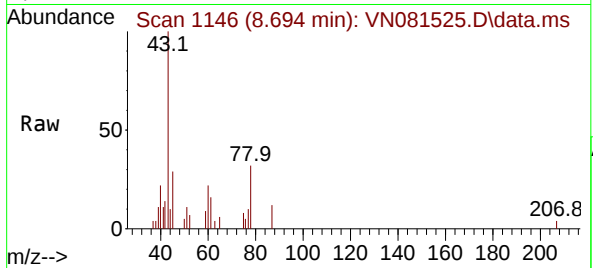




#43
Isopropyl Acetate
Concen: 1.236 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN081525.D
Acq: 21 Mar 2024 17:24

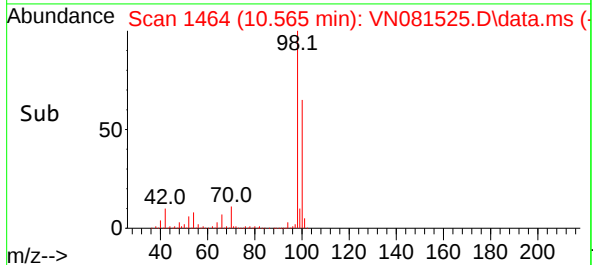
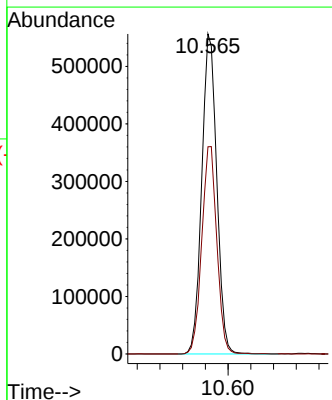
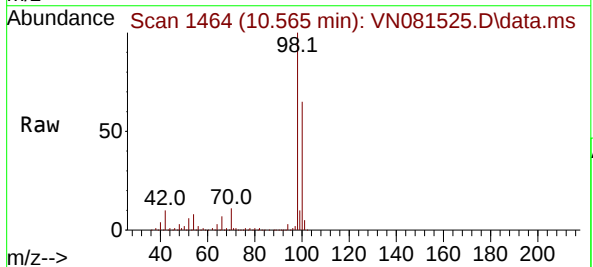
Instrument :
MSVOA_N
ClientSampleId :
S-8

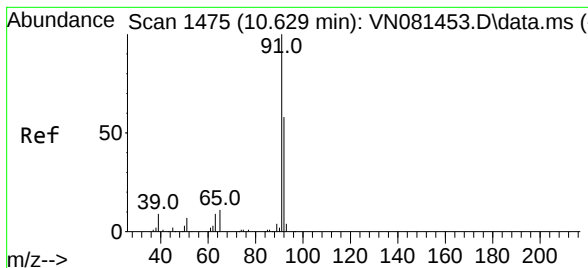
Tgt Ion: 43 Resp: 16270
Ion Ratio Lower Upper
43 100
61 11.2 19.9 29.9#
87 7.4 9.0 13.6#



#50
Toluene-d8
Concen: 50.981 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081525.D
Acq: 21 Mar 2024 17:24

Tgt Ion: 98 Resp: 1015229
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0





#52

Toluene

Concen: 35.446 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081525.D

Acq: 21 Mar 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

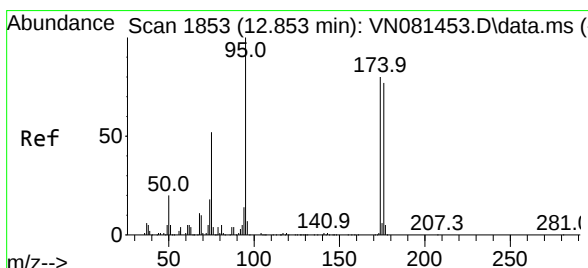
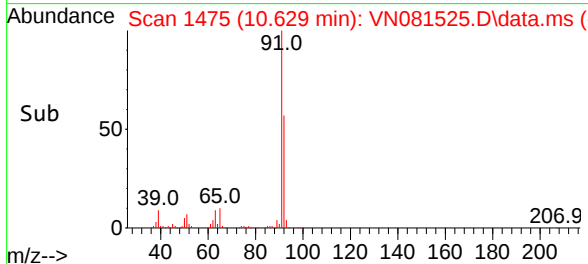
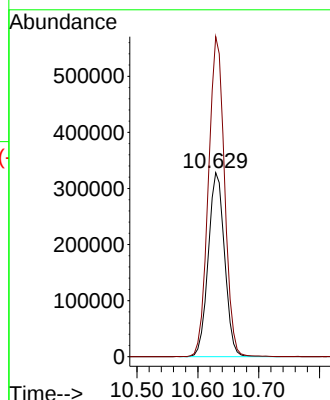
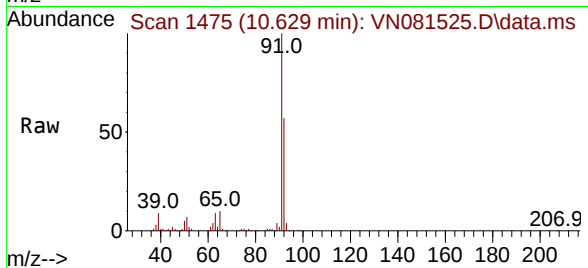
S-8

Tgt Ion: 92 Resp: 610634

Ion Ratio Lower Upper

92 100

91 172.1 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 48.934 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081525.D

Acq: 21 Mar 2024 17:24

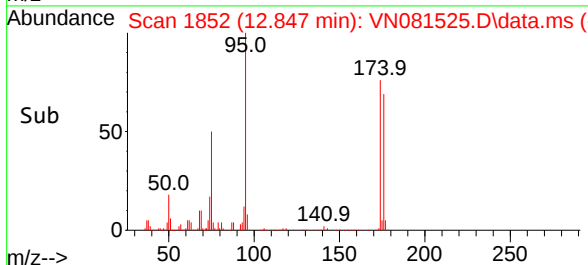
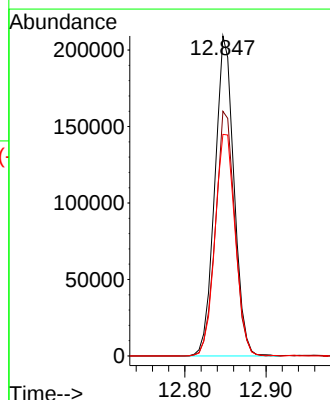
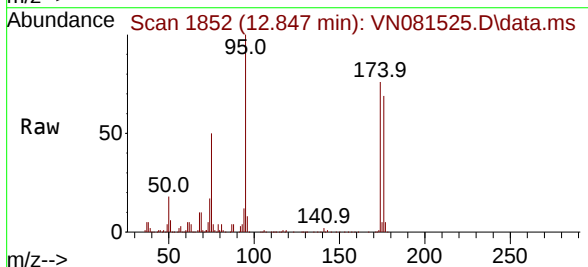
Tgt Ion: 95 Resp: 343362

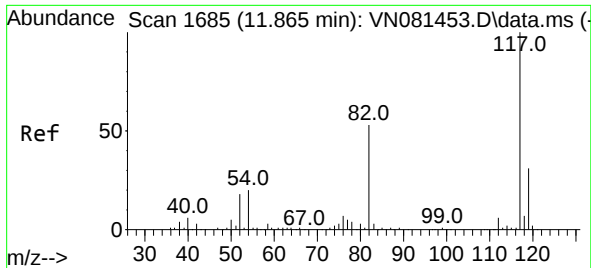
Ion Ratio Lower Upper

95 100

174 77.1 0.0 120.4

176 73.5 0.0 121.0

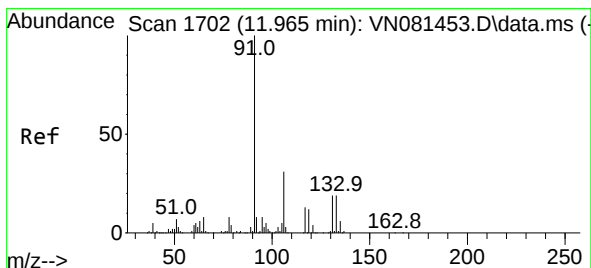
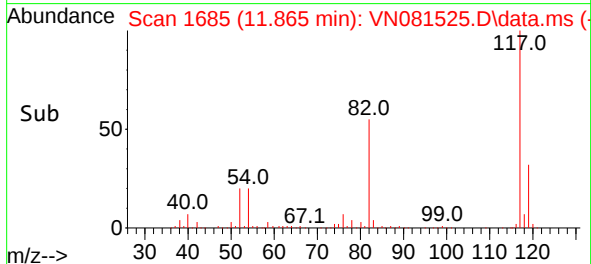
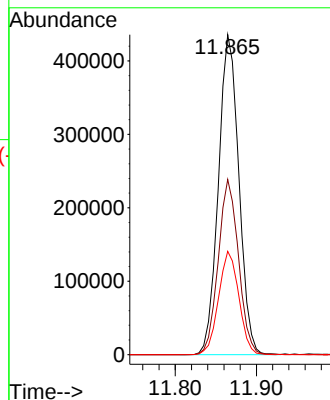
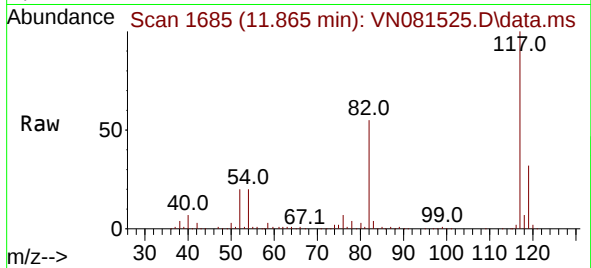




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081525.D
Acq: 21 Mar 2024 17:24

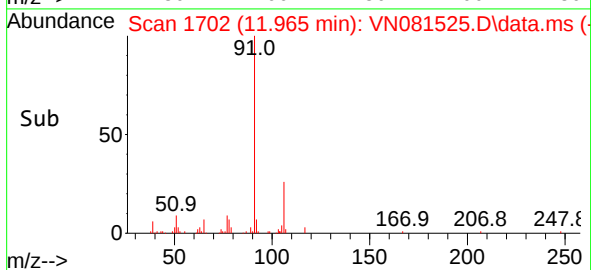
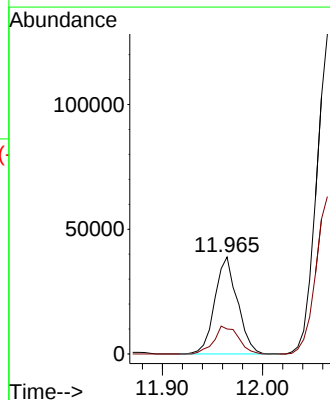
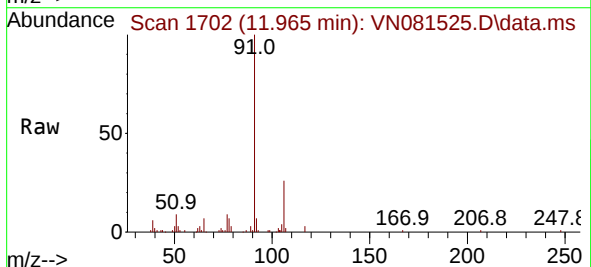
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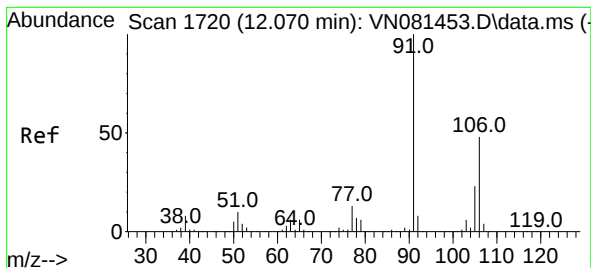
Tgt Ion:117 Resp: 764104
Ion Ratio Lower Upper
117 100
82 54.8 52.7 79.1
119 32.3 25.3 37.9



#67
Ethyl Benzene
Concen: 1.942 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081525.D
Acq: 21 Mar 2024 17:24

Tgt Ion: 91 Resp: 60946
Ion Ratio Lower Upper
91 100
106 25.8 23.8 35.6

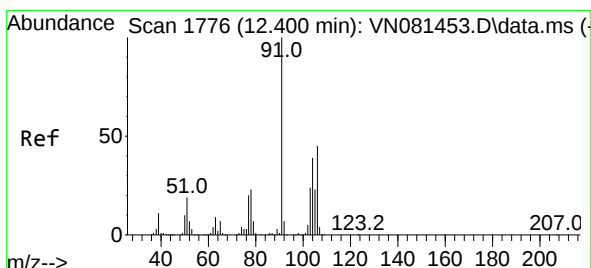
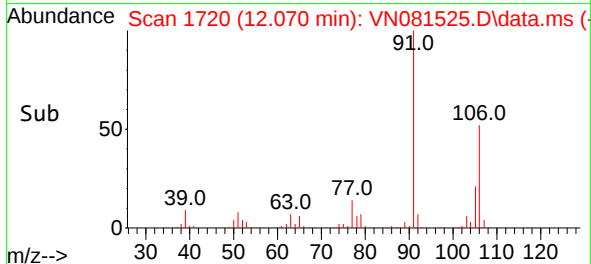
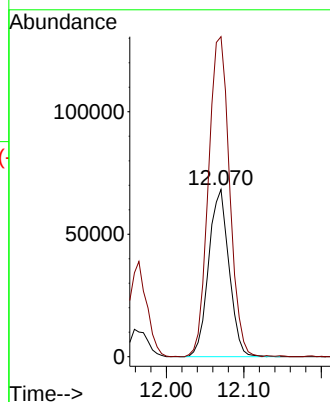
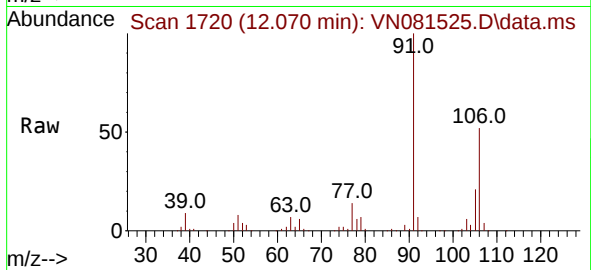




#68
m/p-Xylenes
Concen: 10.605 ug/l
RT: 12.070 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081525.D
Acq: 21 Mar 2024 17:24

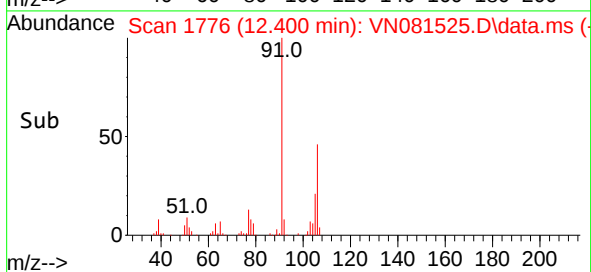
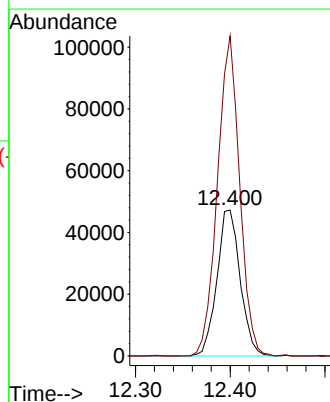
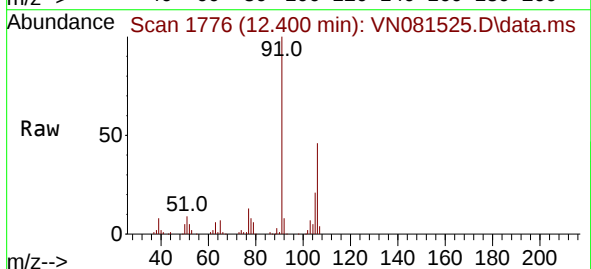
Instrument :
MSVOA_N
ClientSampleId :
S-8

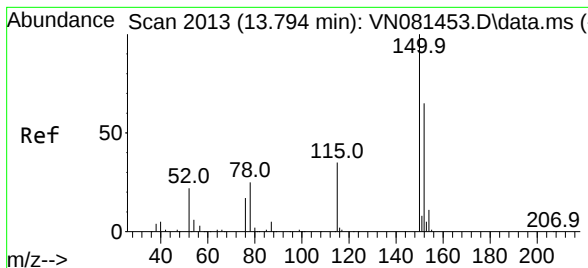
Tgt Ion:106 Resp: 124746
Ion Ratio Lower Upper
106 100
91 198.3 169.0 253.6



#69
o-Xylene
Concen: 6.977 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081525.D
Acq: 21 Mar 2024 17:24

Tgt Ion:106 Resp: 80575
Ion Ratio Lower Upper
106 100
91 209.6 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081525.D

Acq: 21 Mar 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

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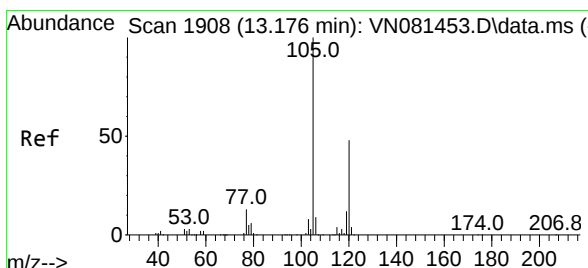
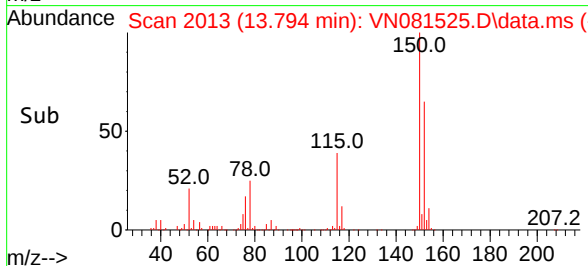
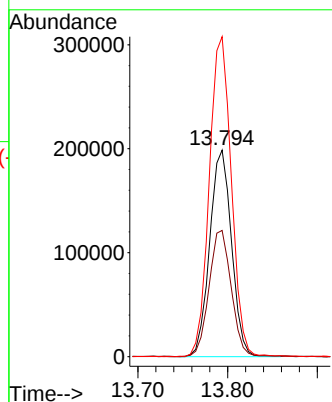
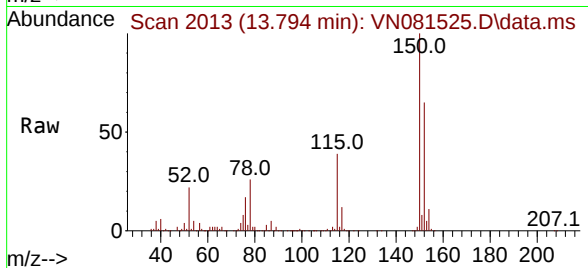
Tgt Ion:152 Resp: 335846

Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 156.4 0.0 339.8



#80

1,3,5-Trimethylbenzene

Concen: 1.053 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081525.D

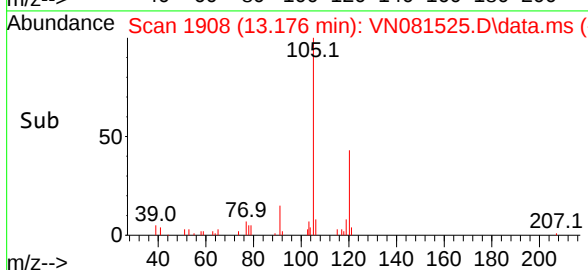
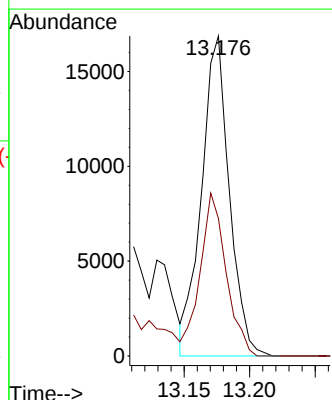
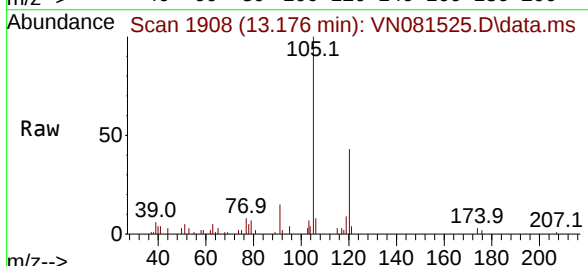
Acq: 21 Mar 2024 17:24

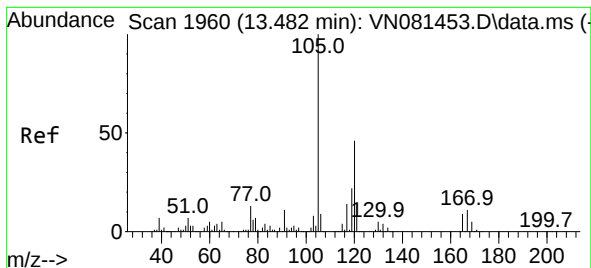
Tgt Ion:105 Resp: 24892

Ion Ratio Lower Upper

105 100

120 47.8 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 3.066 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN081525.D

Acq: 21 Mar 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

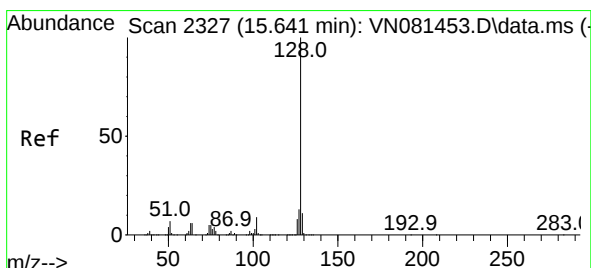
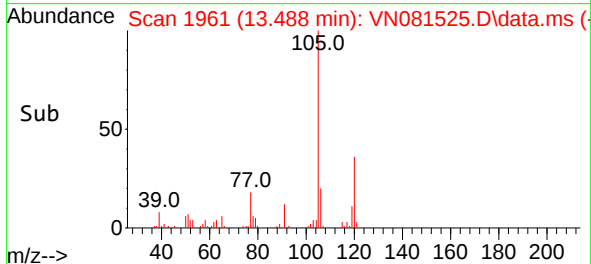
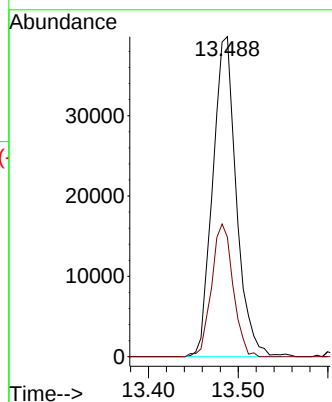
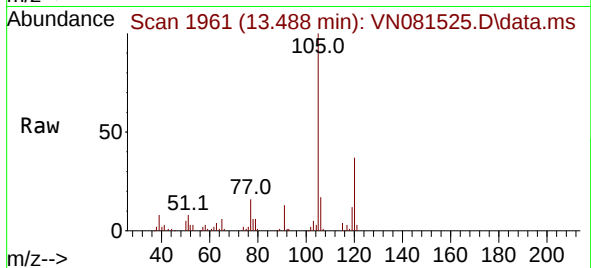
S-8

Tgt Ion:105 Resp: 72871

Ion Ratio Lower Upper

105 100

120 37.7 20.9 62.7



#95

Naphthalene

Concen: 38.116 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081525.D

Acq: 21 Mar 2024 17:24

Tgt Ion:128 Resp: 893074

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.7 8.7 13.1

