

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081527.D
 Acq On : 21 Mar 2024 18:11
 Operator : JC\MD
 Sample : P1798-10 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-10

Quant Time: Mar 22 05:11:00 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)

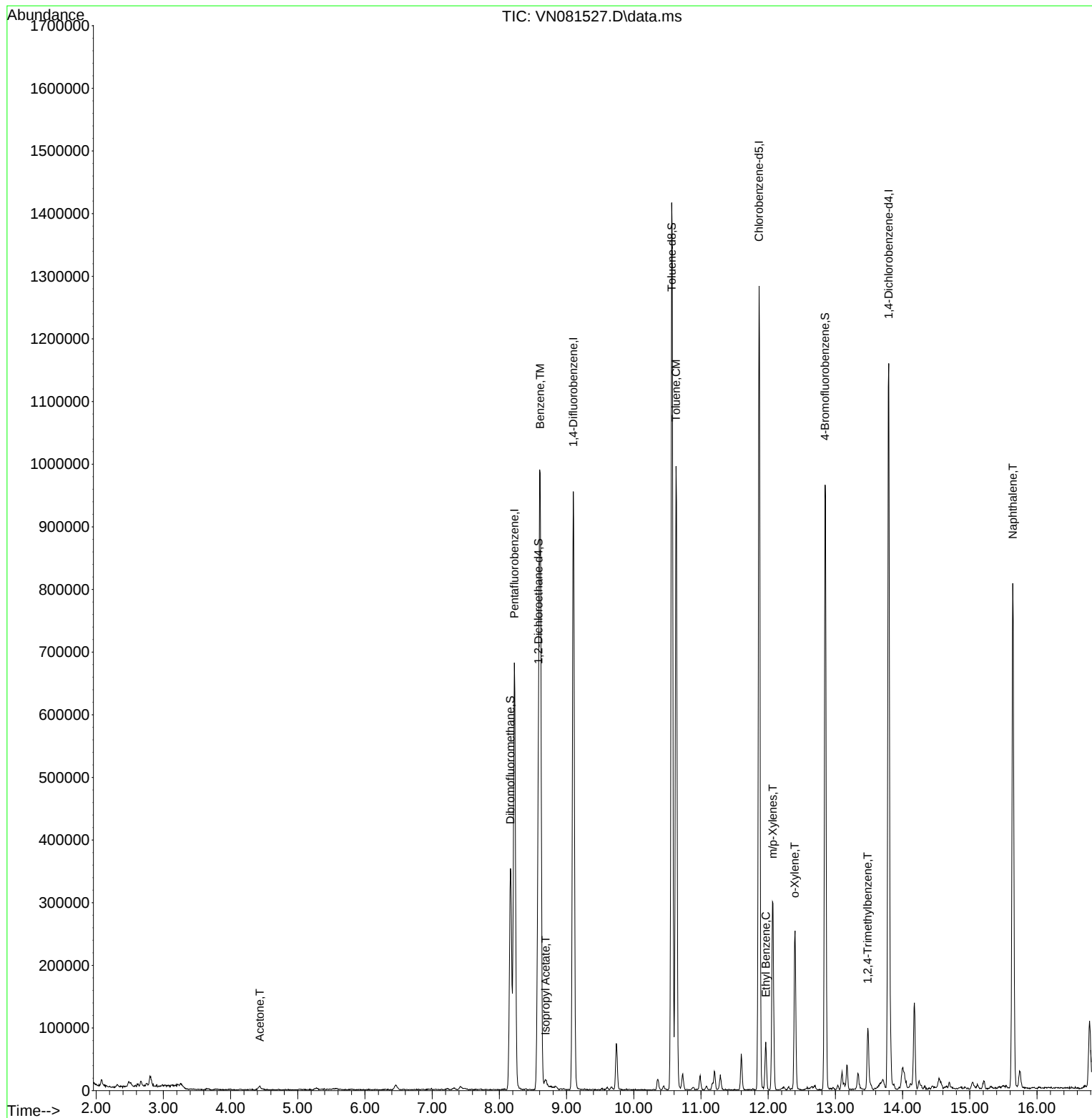
Internal Standards						
1) Pentafluorobenzene	8.224	168	492634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	855139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	758335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	319545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	305740	48.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.340%
35) Dibromofluoromethane	8.165	113	254798	47.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	10.565	98	1000817	51.301	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.600%
62) 4-Bromofluorobenzene	12.847	95	331704	48.254	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.500%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	10148	4.998	ug/l	95
40) Benzene	8.606	78	973244	36.654	ug/l	96
43) Isopropyl Acetate	8.688	43	16425	1.274	ug/l #	81
52) Toluene	10.629	92	440973	26.129	ug/l	99
67) Ethyl Benzene	11.965	91	51375	1.650	ug/l	93
68) m/p-Xylenes	12.070	106	100037	8.569	ug/l	91
69) o-Xylene	12.394	106	67551	5.894	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	58073	2.568	ug/l	97
95) Naphthalene	15.641	128	769570	34.520	ug/l	99

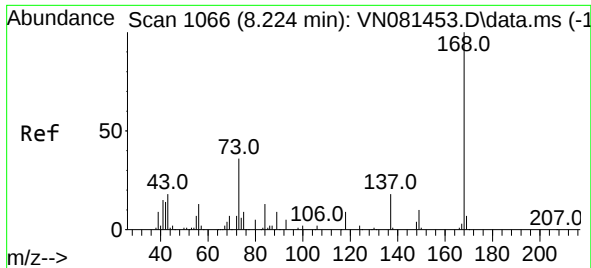
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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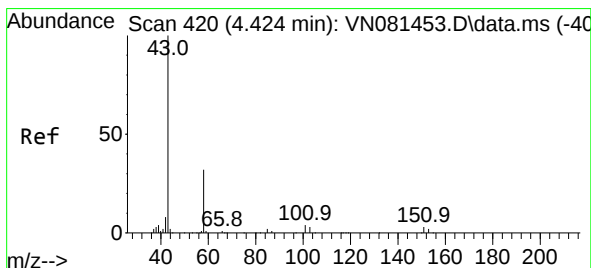
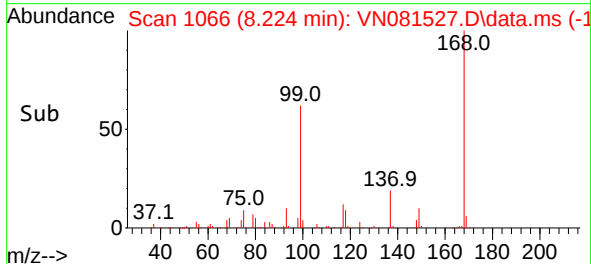
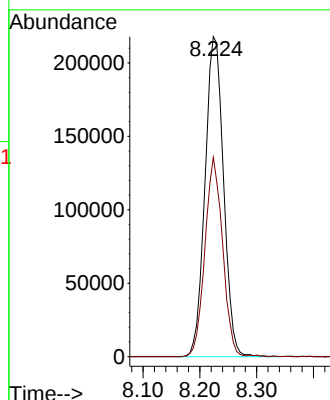
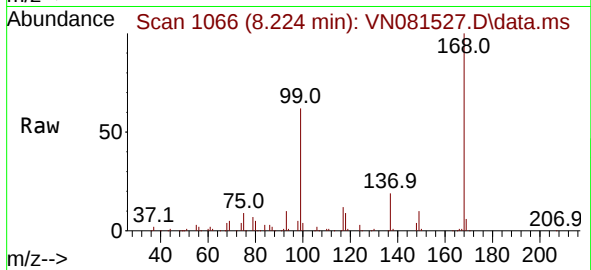




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081527.D
Acq: 21 Mar 2024 18:11

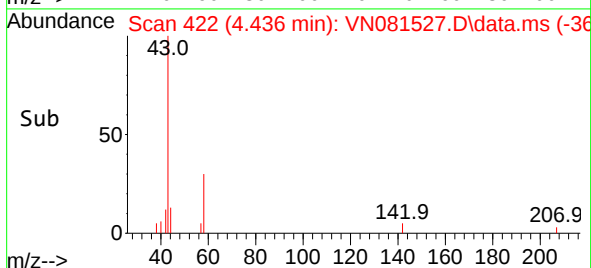
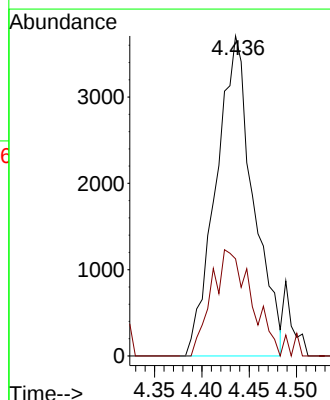
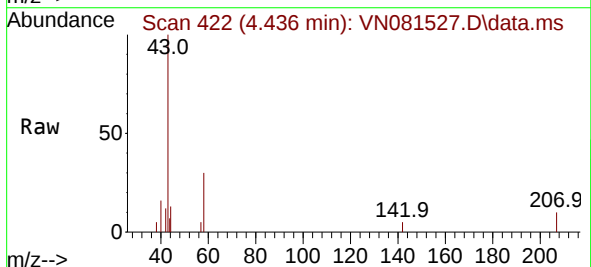
Instrument :
MSVOA_N
ClientSampleId :
S-10

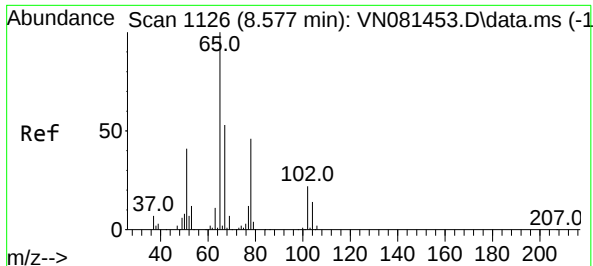
Tgt Ion:168 Resp: 492634
Ion Ratio Lower Upper
168 100
99 62.3 59.9 89.9



#16
Acetone
Concen: 4.998 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081527.D
Acq: 21 Mar 2024 18:11

Tgt Ion: 43 Resp: 10148
Ion Ratio Lower Upper
43 100
58 28.4 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 48.666 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081527.D

Acq: 21 Mar 2024 18:11

Instrument :

MSVOA_N

ClientSampleId :

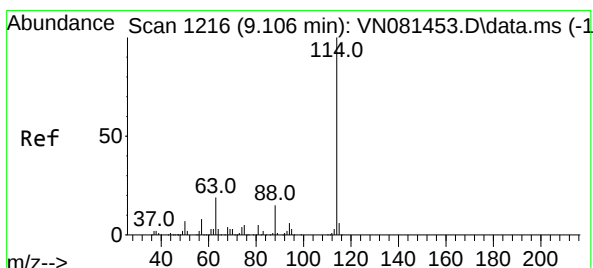
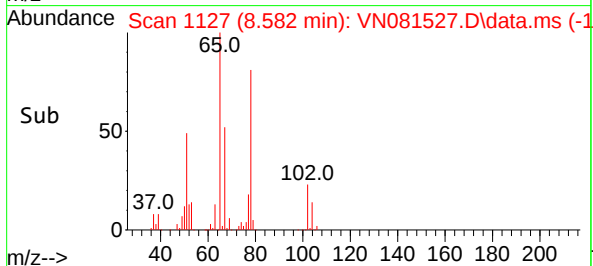
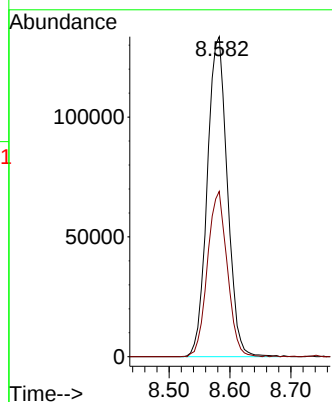
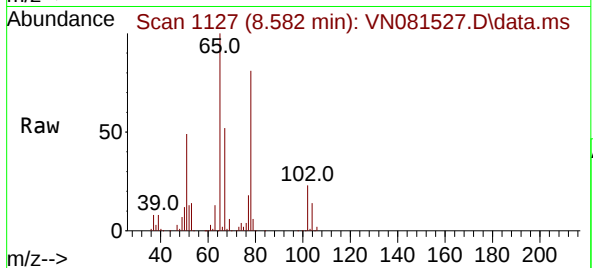
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Tgt Ion: 65 Resp: 305740

Ion Ratio Lower Upper

65 100

67 51.0 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: VN081527.D

Acq: 21 Mar 2024 18:11

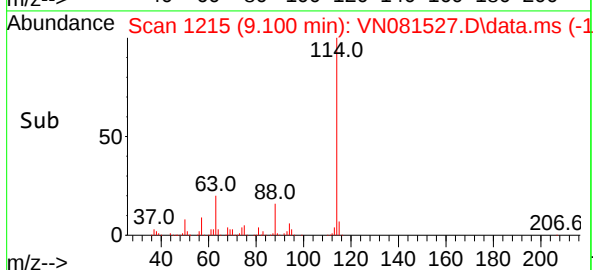
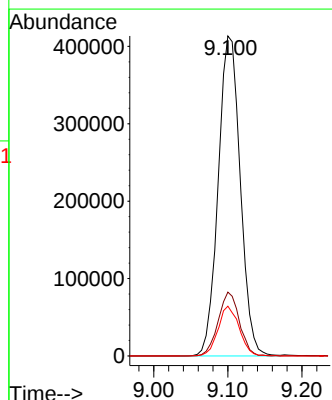
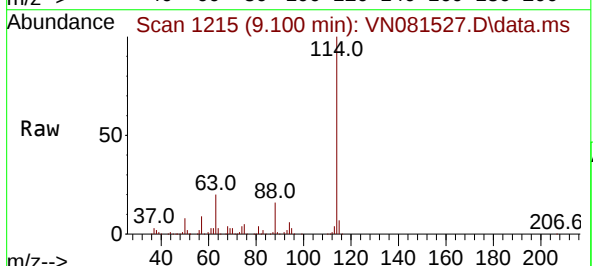
Tgt Ion: 114 Resp: 855139

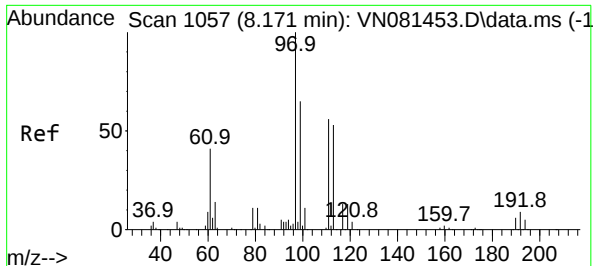
Ion Ratio Lower Upper

114 100

63 19.9 0.0 48.0

88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.213 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN081527.D

Acq: 21 Mar 2024 18:11

Instrument :

MSVOA_N

ClientSampleId :

S-10

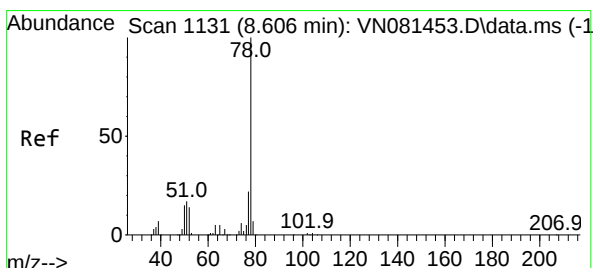
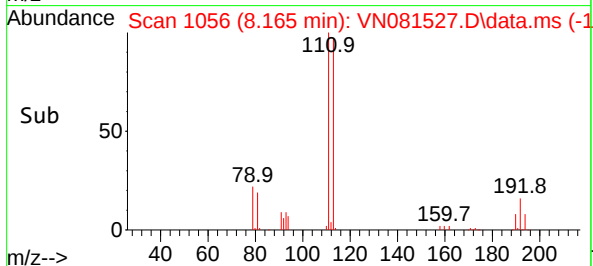
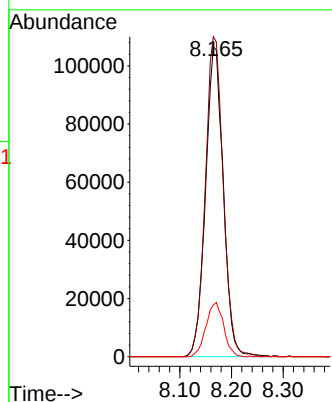
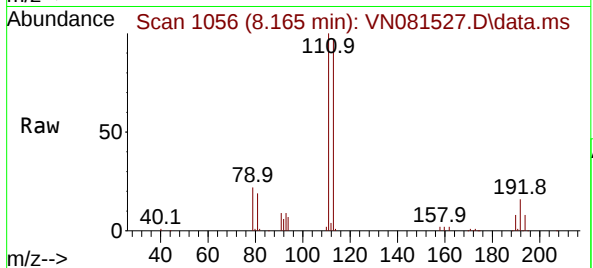
Tgt Ion:113 Resp: 254798

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 17.4 12.5 18.7



#40

Benzene

Concen: 36.654 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081527.D

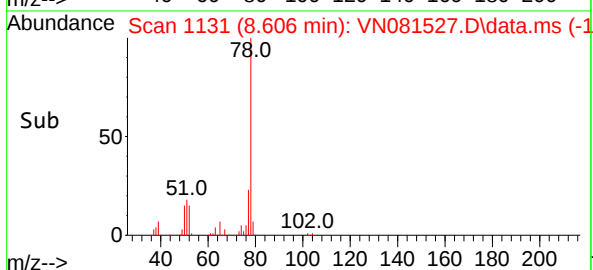
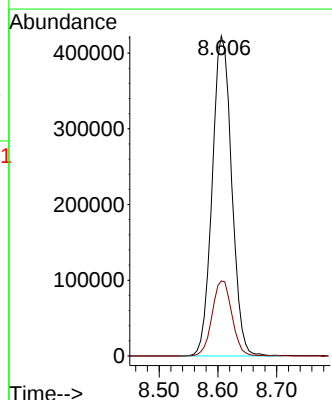
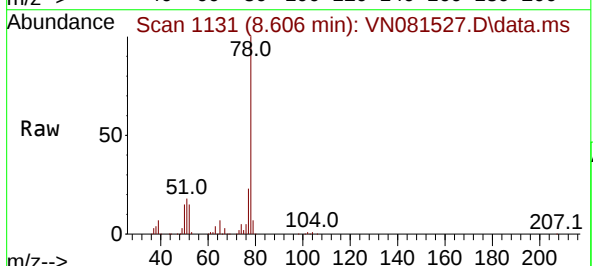
Acq: 21 Mar 2024 18:11

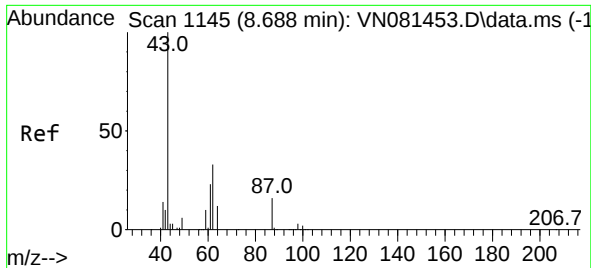
Tgt Ion: 78 Resp: 973244

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

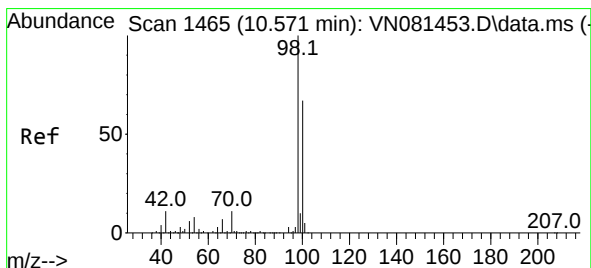
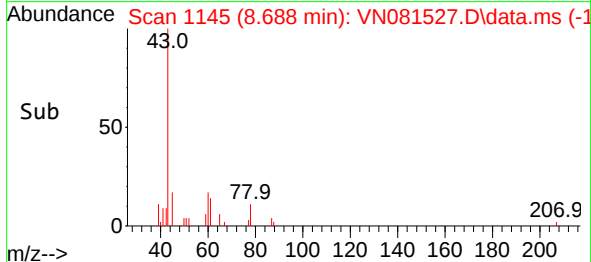
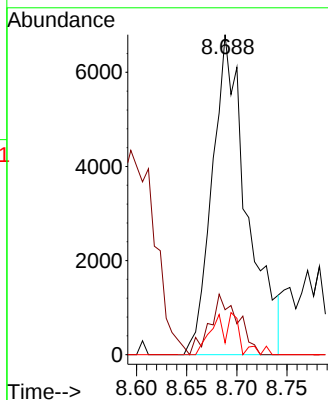
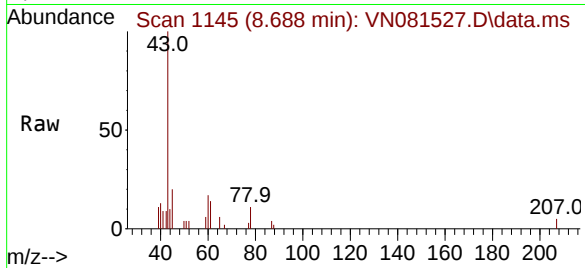




#43
Isopropyl Acetate
Concen: 1.274 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081527.D
Acq: 21 Mar 2024 18:11

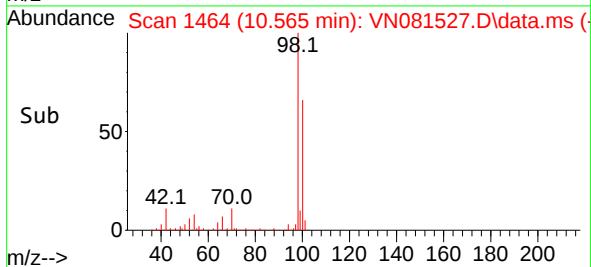
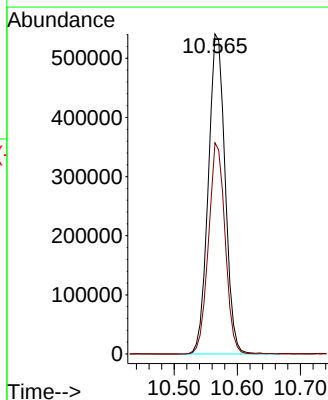
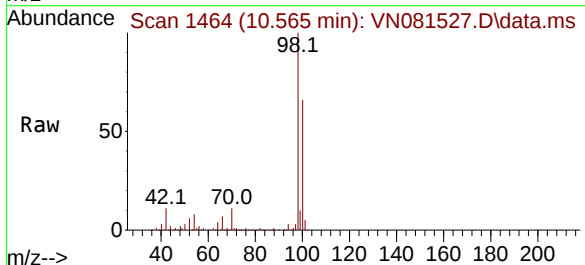
Instrument :
MSVOA_N
ClientSampleId :
S-10

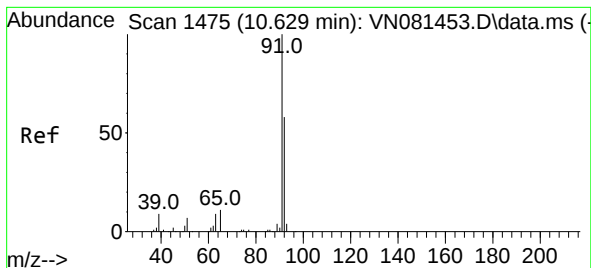
Tgt Ion: 43 Resp: 16425
Ion Ratio Lower Upper
43 100
61 15.2 19.9 29.9#
87 5.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.301 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081527.D
Acq: 21 Mar 2024 18:11

Tgt Ion: 98 Resp: 1000817
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0





#52

Toluene

Concen: 26.129 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081527.D

Acq: 21 Mar 2024 18:11

Instrument :

MSVOA_N

ClientSampleId :

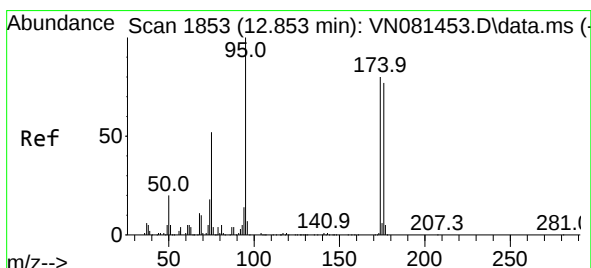
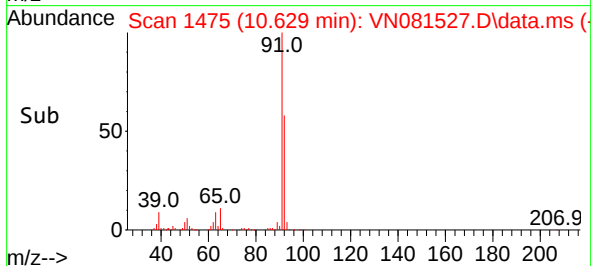
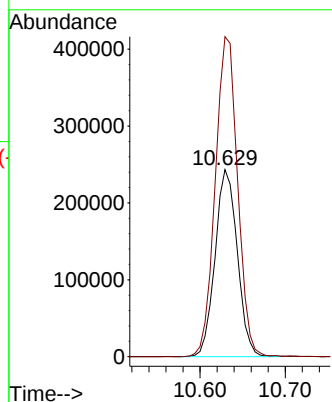
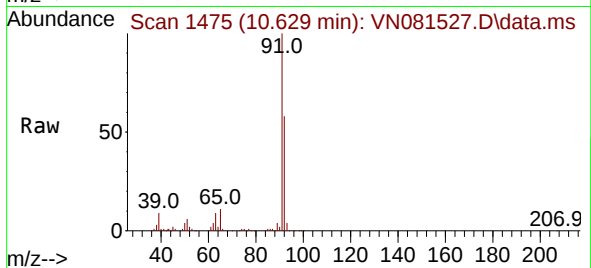
S-10

Tgt Ion: 92 Resp: 440973

Ion Ratio Lower Upper

92 100

91 172.2 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 48.254 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081527.D

Acq: 21 Mar 2024 18:11

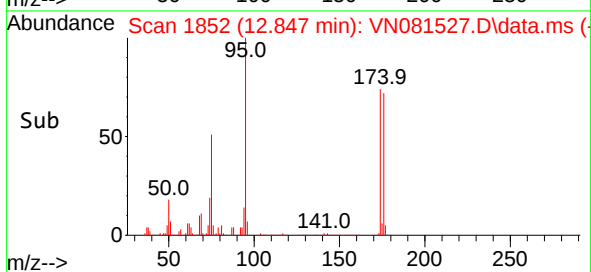
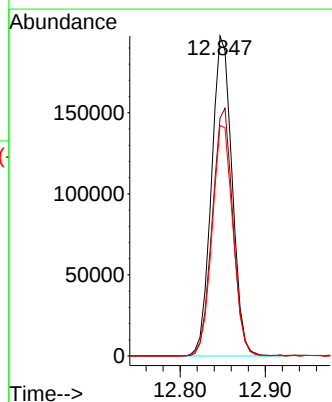
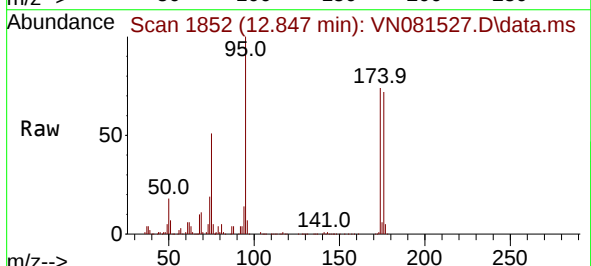
Tgt Ion: 95 Resp: 331704

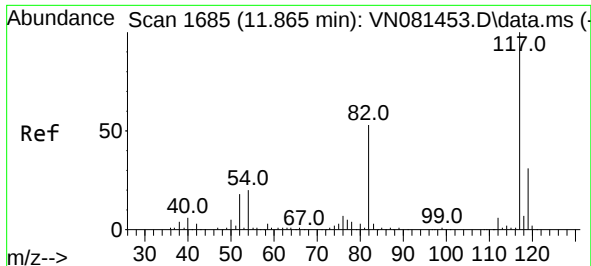
Ion Ratio Lower Upper

95 100

174 77.3 0.0 120.4

176 72.9 0.0 121.0

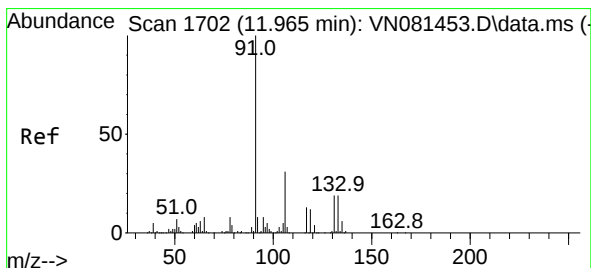
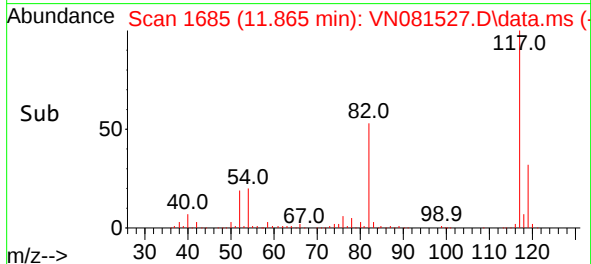
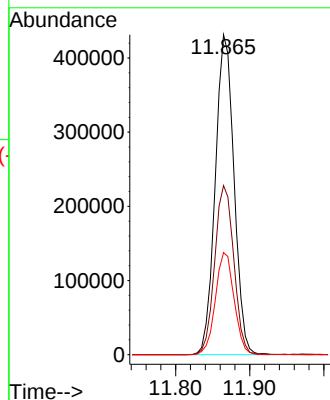
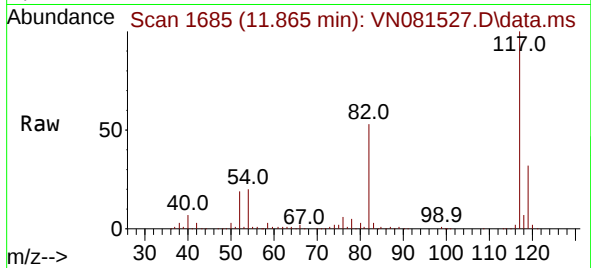




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081527.D
Acq: 21 Mar 2024 18:11

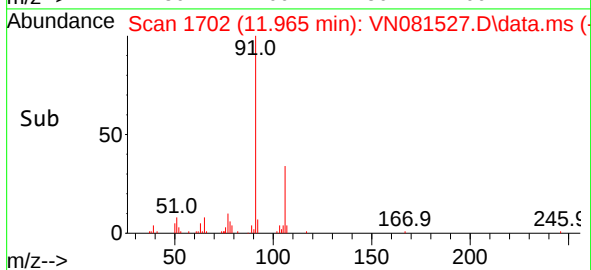
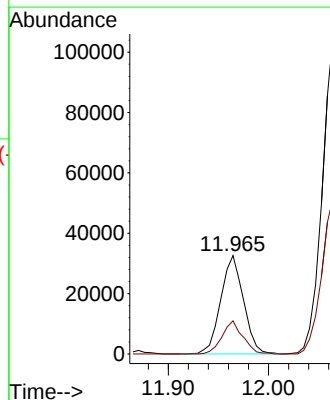
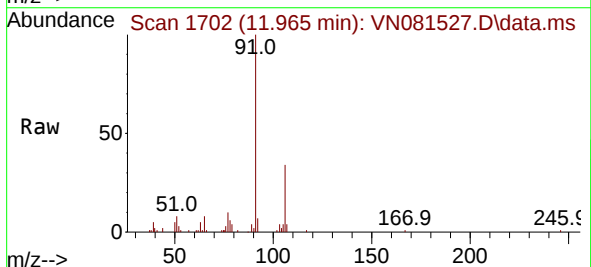
Instrument :
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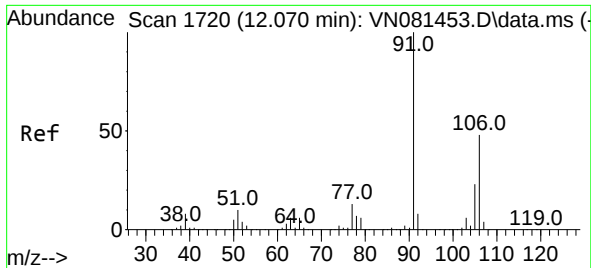
Tgt Ion:117 Resp: 758335
Ion Ratio Lower Upper
117 100
82 52.9 52.7 79.1
119 31.9 25.3 37.9



#67
Ethyl Benzene
Concen: 1.650 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081527.D
Acq: 21 Mar 2024 18:11

Tgt Ion: 91 Resp: 51375
Ion Ratio Lower Upper
91 100
106 33.7 23.8 35.6

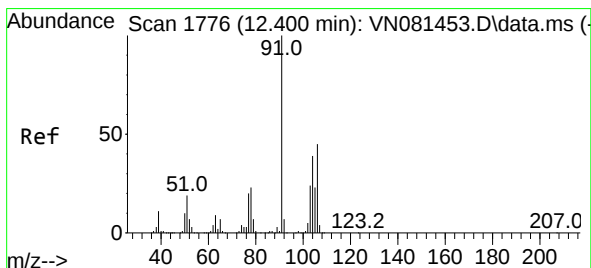
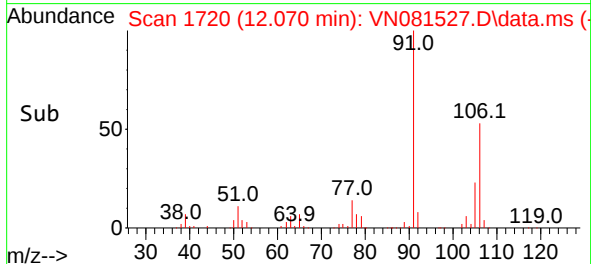
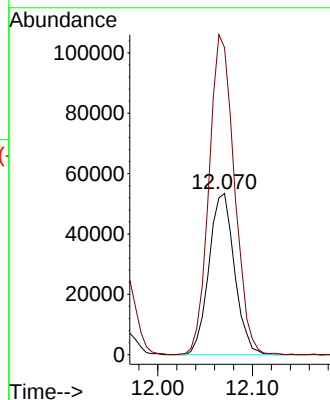
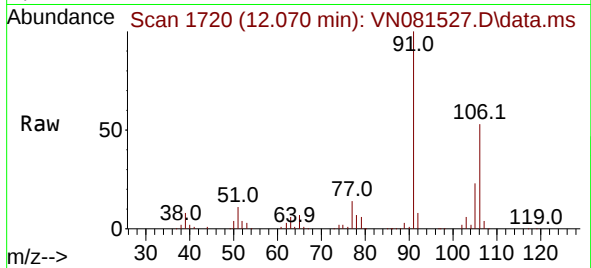




#68
m/p-Xylenes
Concen: 8.569 ug/l
RT: 12.070 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081527.D
Acq: 21 Mar 2024 18:11

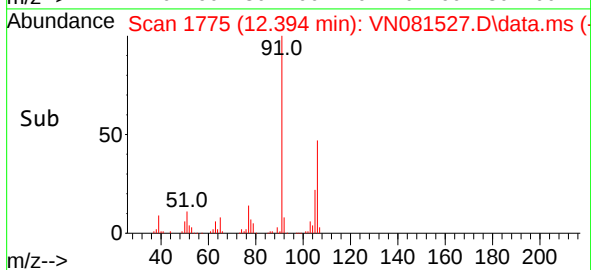
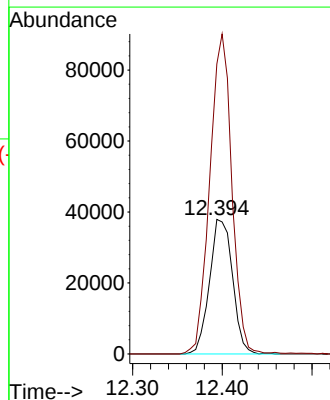
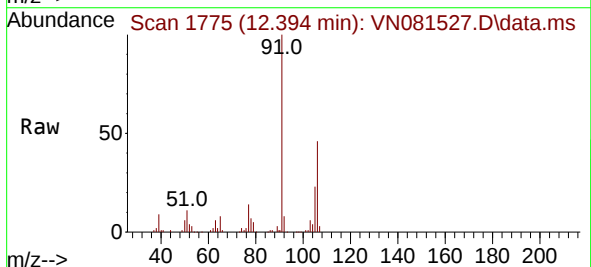
Instrument :
MSVOA_N
ClientSampleId :
S-10

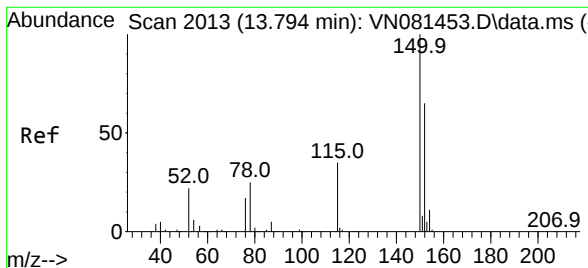
Tgt Ion:106 Resp: 100037
Ion Ratio Lower Upper
106 100
91 197.6 169.0 253.6



#69
o-Xylene
Concen: 5.894 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081527.D
Acq: 21 Mar 2024 18:11

Tgt Ion:106 Resp: 67551
Ion Ratio Lower Upper
106 100
91 227.4 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN081527.D

Acq: 21 Mar 2024 18:11

Instrument :

MSVOA_N

ClientSampleId :

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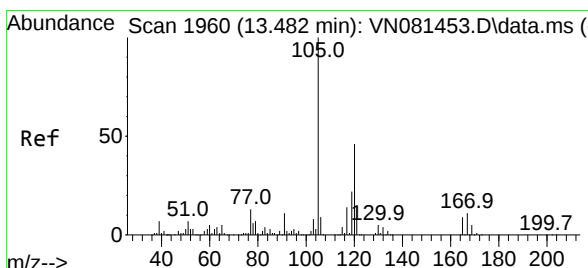
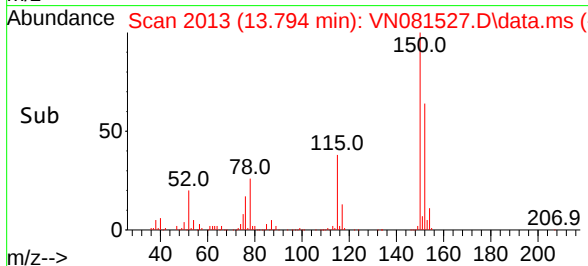
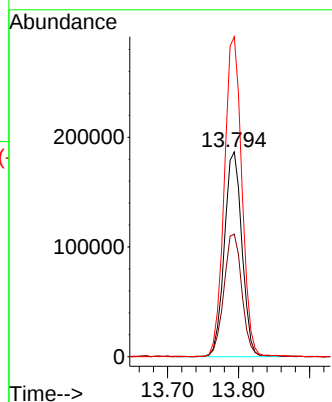
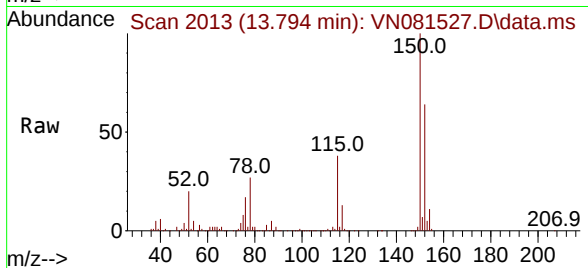
Tgt Ion:152 Resp: 319545

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 156.5 0.0 339.8



#84

1,2,4-Trimethylbenzene

Concen: 2.568 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081527.D

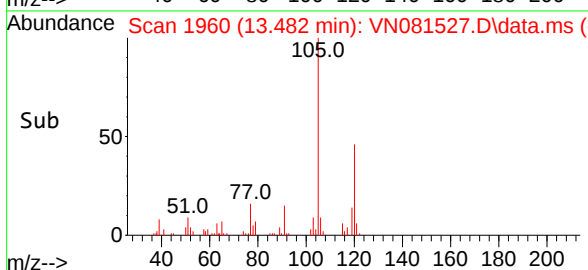
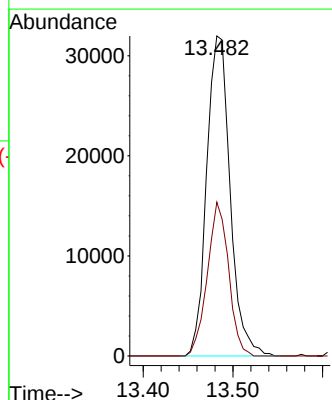
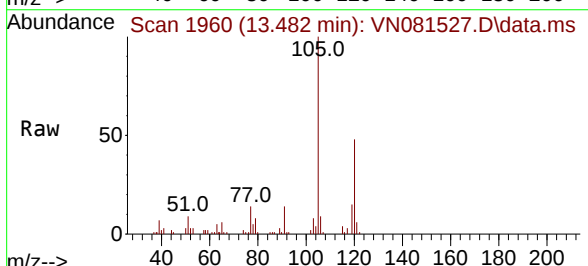
Acq: 21 Mar 2024 18:11

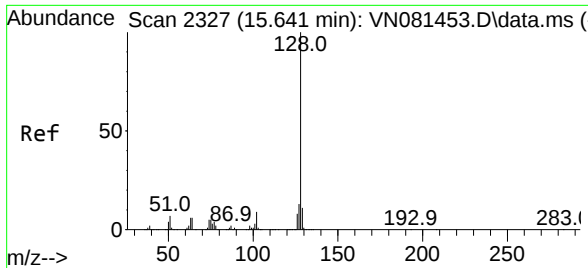
Tgt Ion:105 Resp: 58073

Ion Ratio Lower Upper

105 100

120 43.6 20.9 62.7





#95
Naphthalene
Concen: 34.520 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081527.D
Acq: 21 Mar 2024 18:11

Instrument :
MSVOA_N
ClientSampleId :
S-10

Tgt Ion:128 Resp: 769570
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.7 13.1

