

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078914.D
 Acq On : 16 Aug 2023 19:43
 Operator : JC\MD
 Sample : 03983-03
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1625

Quant Time: Aug 17 01:22:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

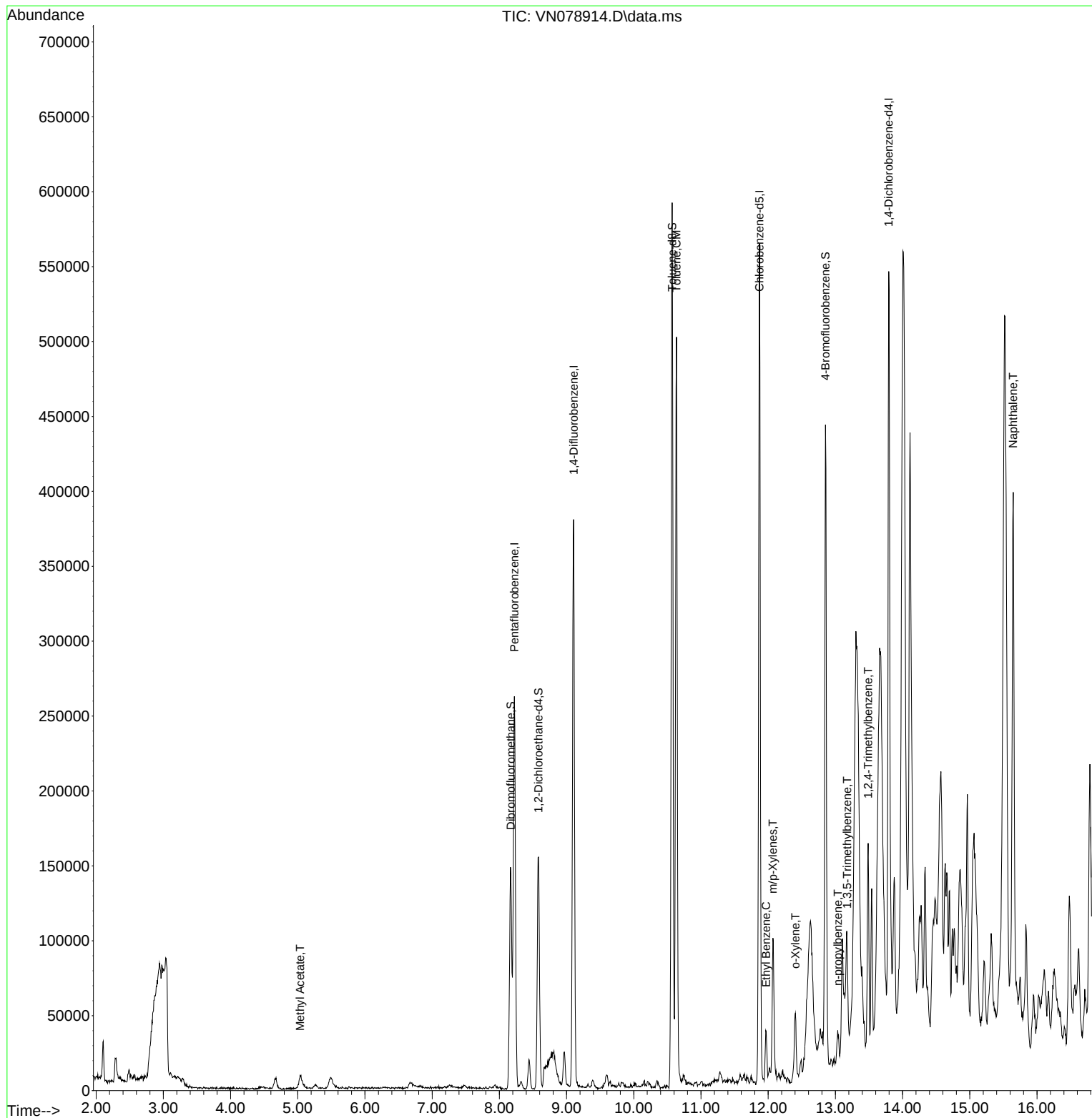
Internal Standards						
1) Pentafluorobenzene	8.224	168	182163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	322640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	301367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	127846	45.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.200%
35) Dibromofluoromethane	8.171	113	104676	48.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.571	98	396593	49.179	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.853	95	135990	51.592	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.180%
Target Compounds						
					Qvalue	
18) Methyl Acetate	5.036	43	20729	4.195	ug/l #	83
52) Toluene	10.635	92	204861	34.554	ug/l	96
67) Ethyl Benzene	11.971	91	24040	2.061	ug/l	96
68) m/p-Xylenes	12.071	106	24663	5.655	ug/l	93
69) o-Xylene	12.406	106	11867	2.797	ug/l	92
78) n-propylbenzene	13.035	91	15572	1.202	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	19324	2.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	78521	8.958	ug/l	96
95) Naphthalene	15.647	128	278318	45.336	ug/l	97

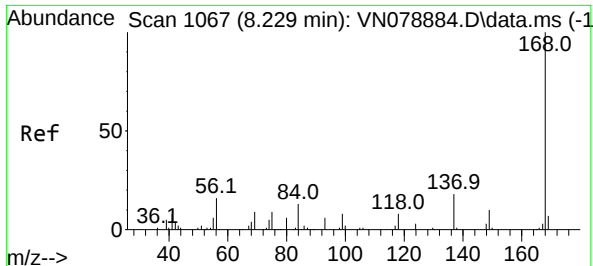
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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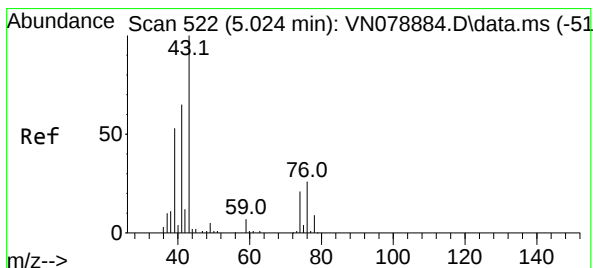
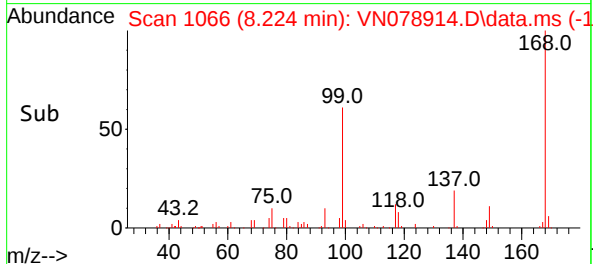
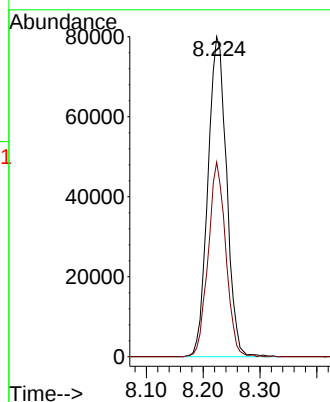
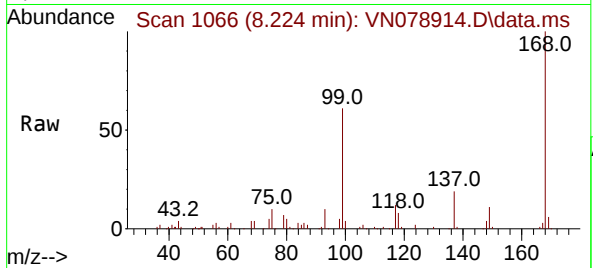




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

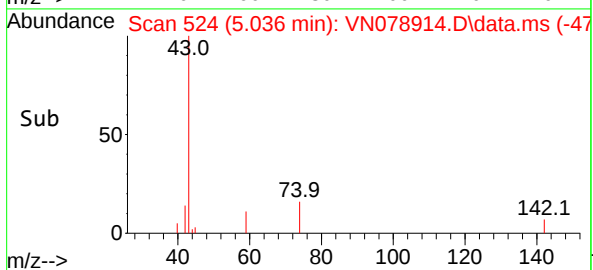
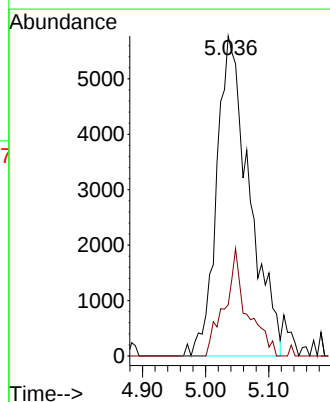
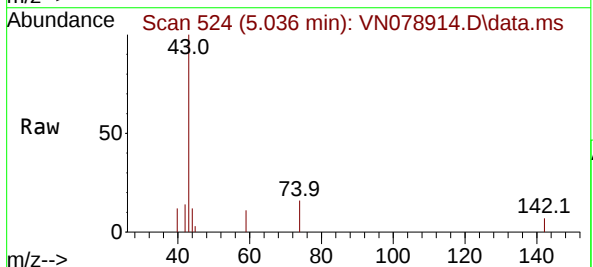
Instrument :
MSVOA_N
ClientSampleId :
1625

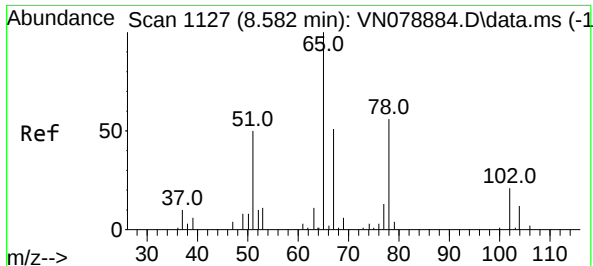
Tgt Ion:168 Resp: 182163
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#18
Methyl Acetate
Concen: 4.195 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

Tgt Ion: 43 Resp: 20729
Ion Ratio Lower Upper
43 100
74 23.0 26.2 39.4#





#33

1,2-Dichloroethane-d4

Concen: 45.102 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078914.D

Acq: 16 Aug 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

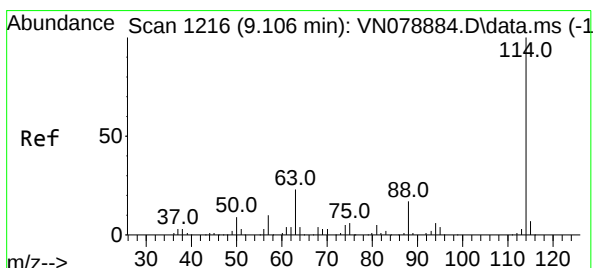
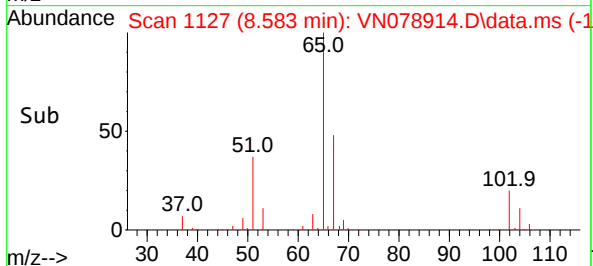
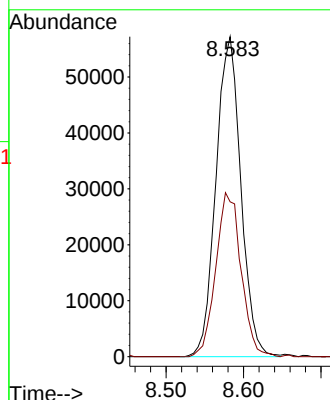
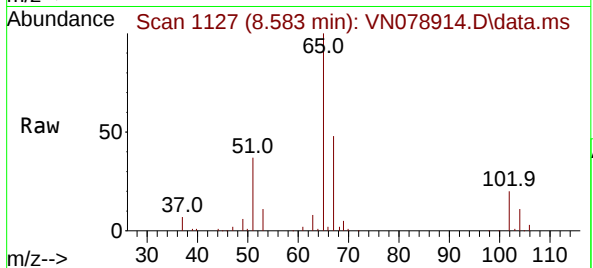
1625

Tgt Ion: 65 Resp: 127846

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078914.D

Acq: 16 Aug 2023 19:43

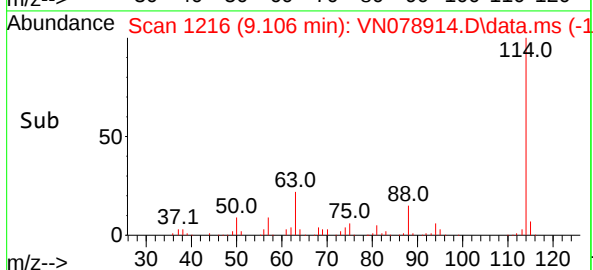
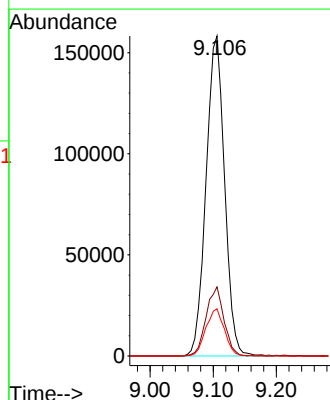
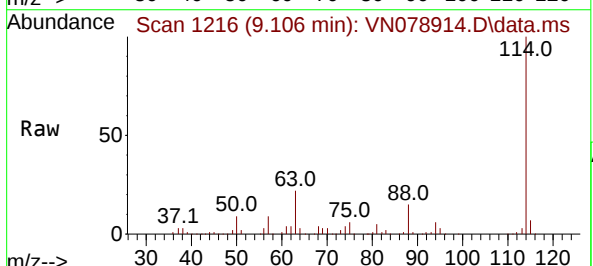
Tgt Ion: 114 Resp: 322640

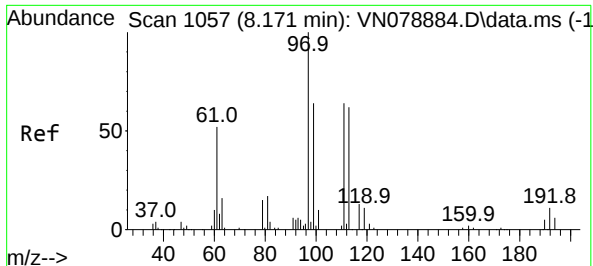
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.197 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078914.D

Acq: 16 Aug 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

1625

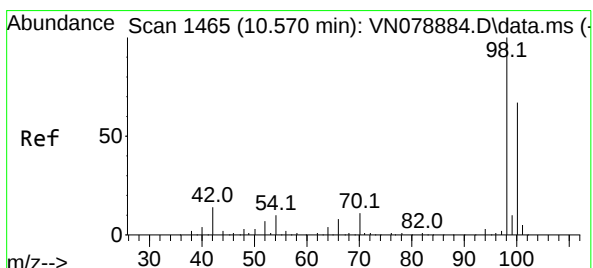
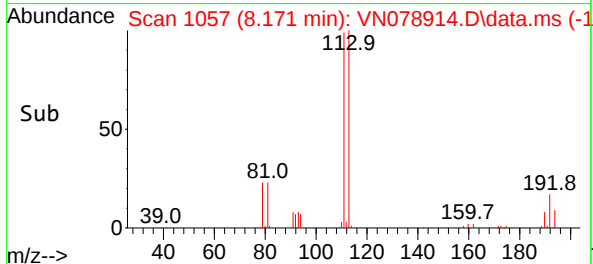
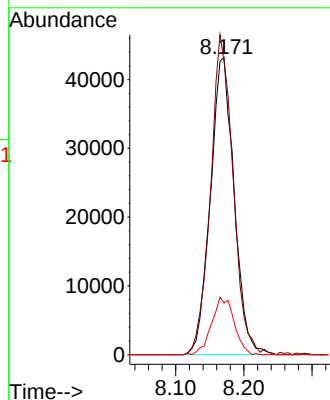
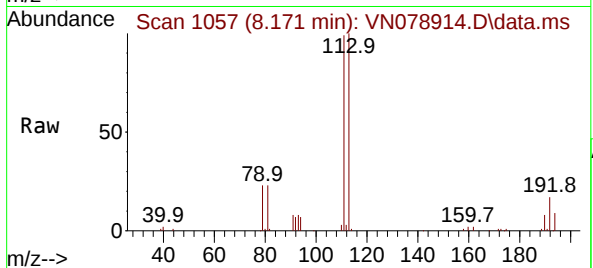
Tgt Ion:113 Resp: 104676

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 18.3 12.7 19.1



#50

Toluene-d8

Concen: 49.179 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078914.D

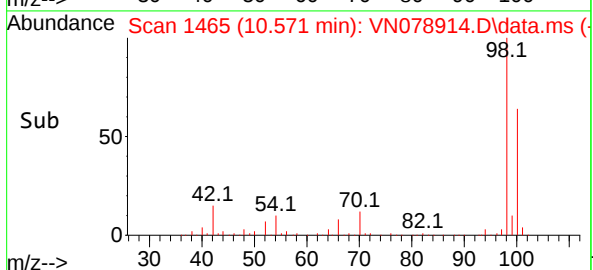
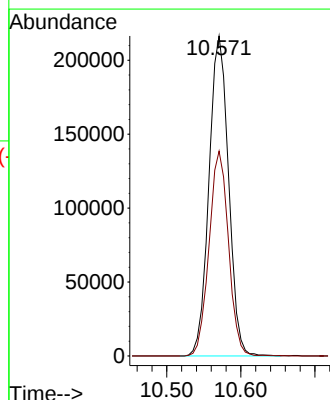
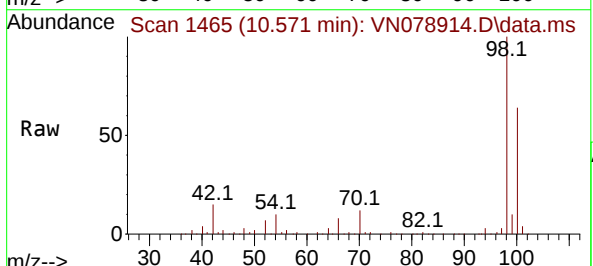
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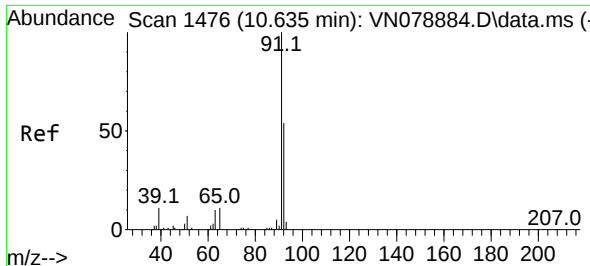
Tgt Ion: 98 Resp: 396593

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0

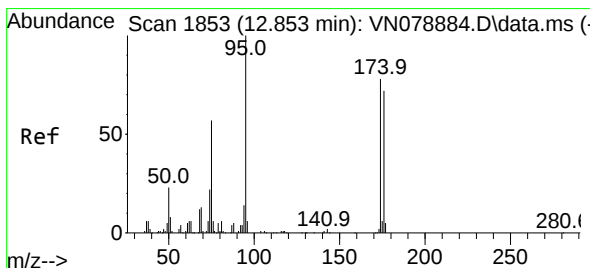
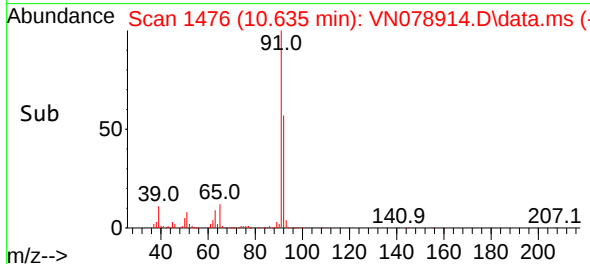
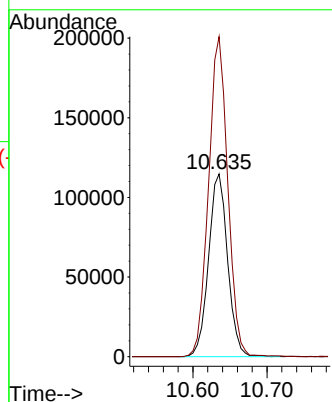
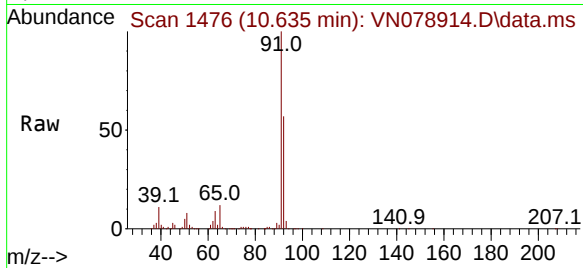




#52
Toluene
Concen: 34.554 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

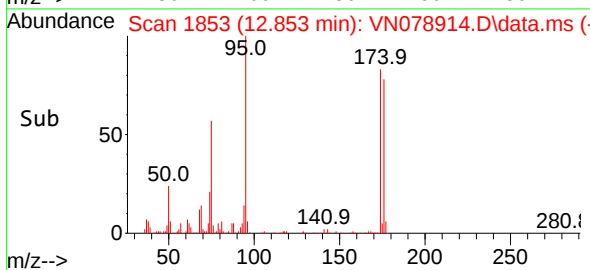
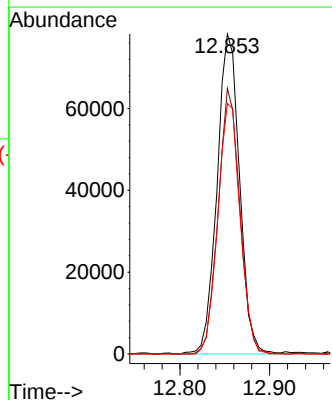
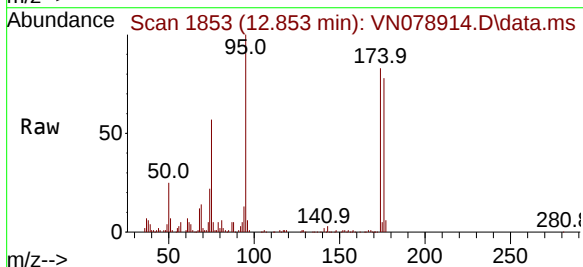
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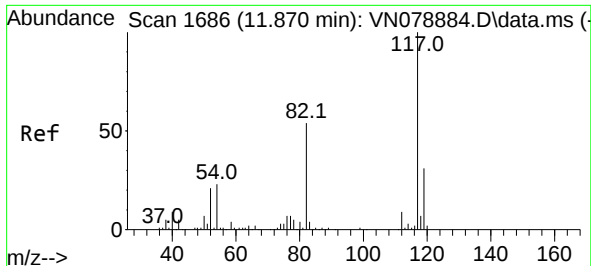
Tgt Ion: 92 Resp: 204861
Ion Ratio Lower Upper
92 100
91 176.6 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 51.592 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

Tgt Ion: 95 Resp: 135990
Ion Ratio Lower Upper
95 100
174 79.7 0.0 143.8
176 77.8 0.0 135.8

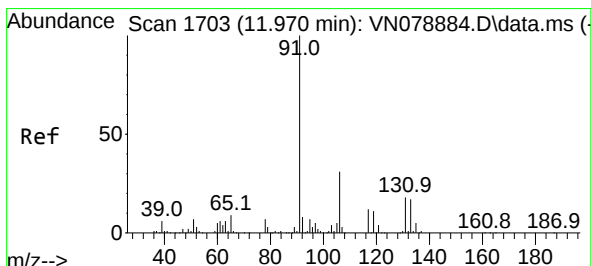
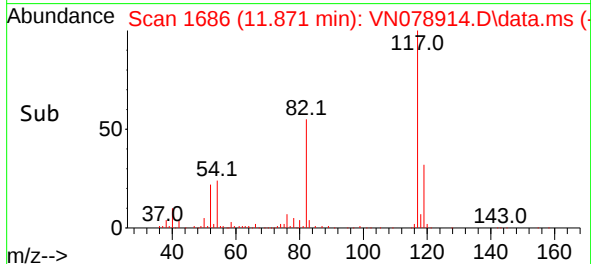
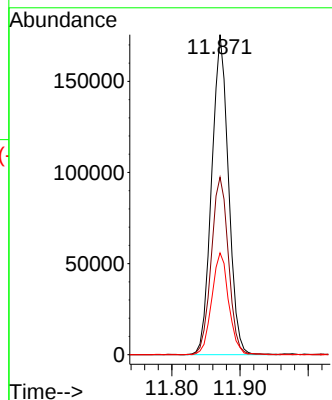
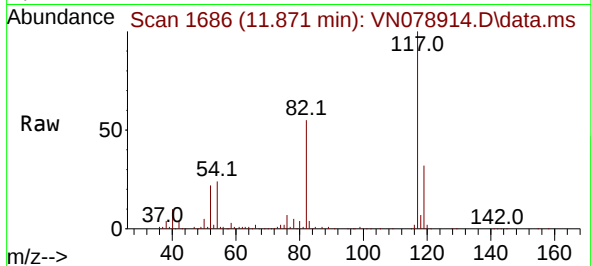




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

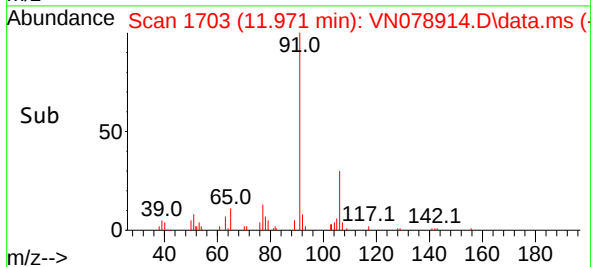
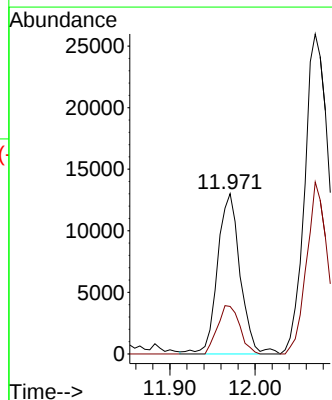
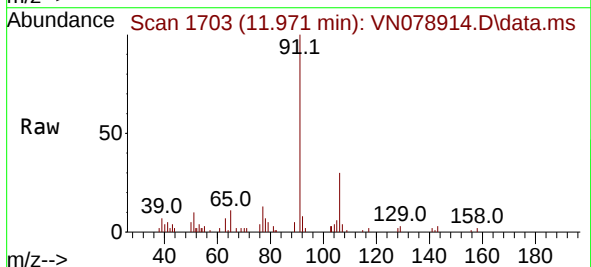
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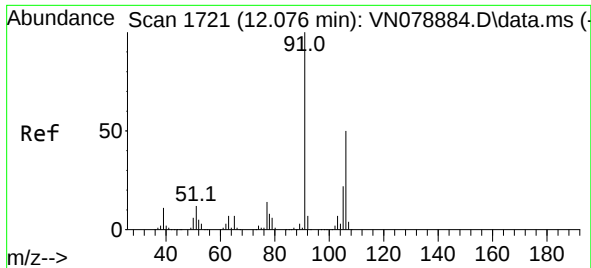
Tgt Ion:117 Resp: 301367
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.8 25.6 38.4



#67
Ethyl Benzene
Concen: 2.061 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

Tgt Ion: 91 Resp: 24040
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

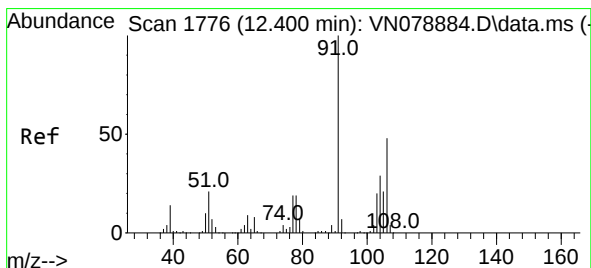
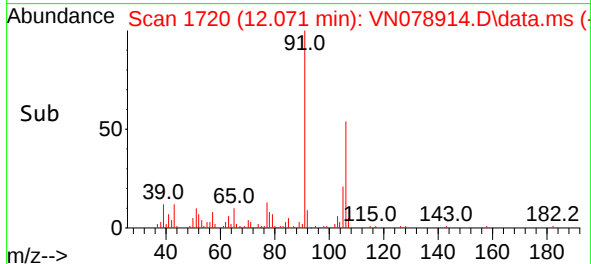
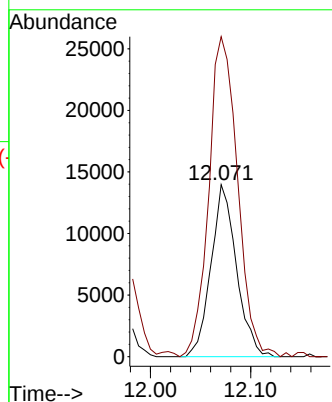
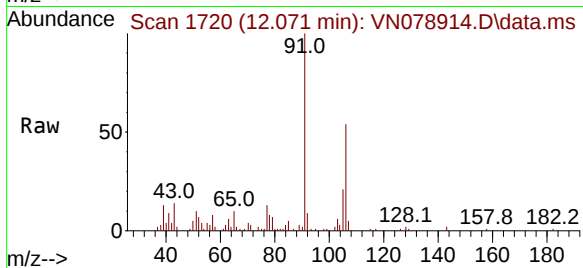




#68
m/p-Xylenes
Concen: 5.655 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

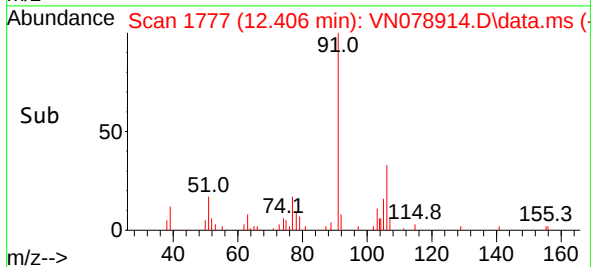
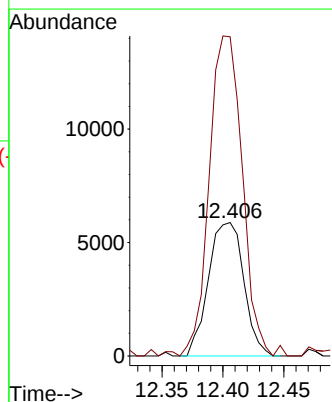
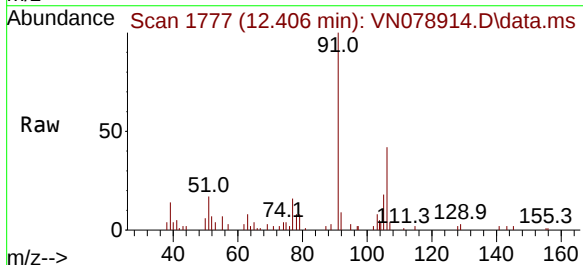
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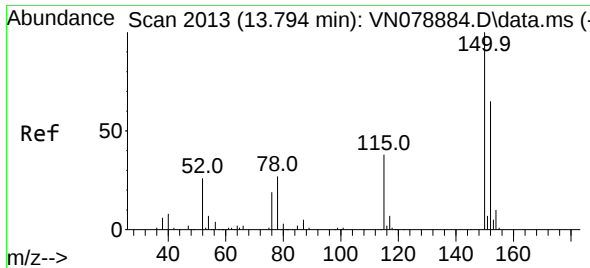
Tgt Ion:106 Resp: 24663
Ion Ratio Lower Upper
106 100
91 209.7 159.6 239.4



#69
o-Xylene
Concen: 2.797 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

Tgt Ion:106 Resp: 11867
Ion Ratio Lower Upper
106 100
91 223.2 105.2 315.5

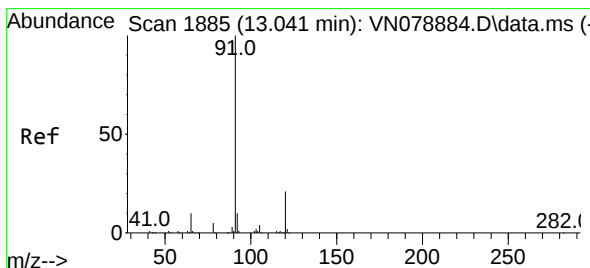
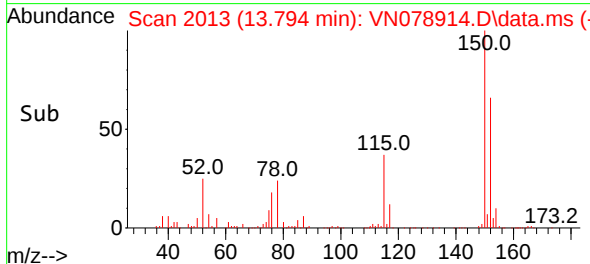
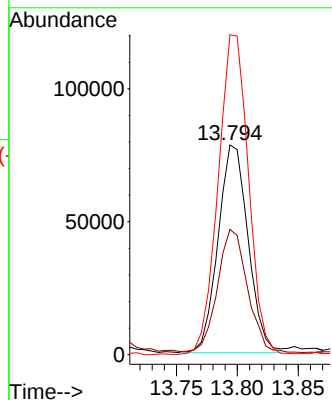
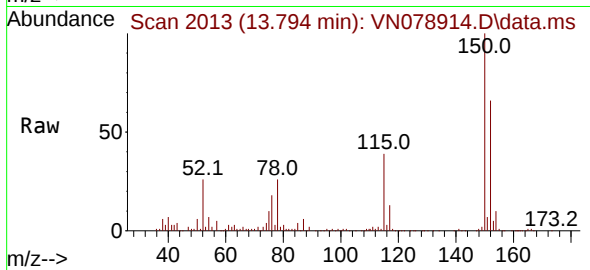




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

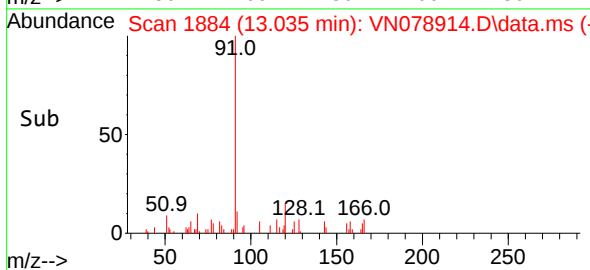
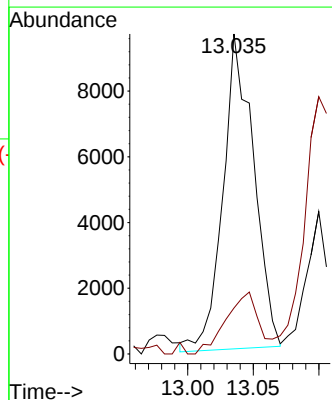
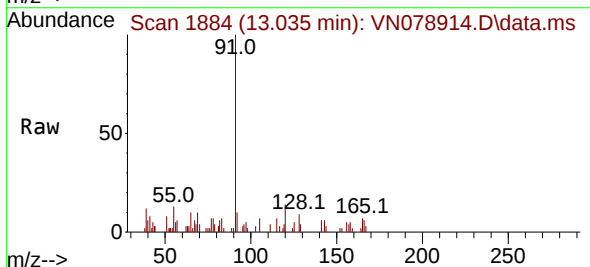
Instrument :
MSVOA_N
ClientSampleId :
1625

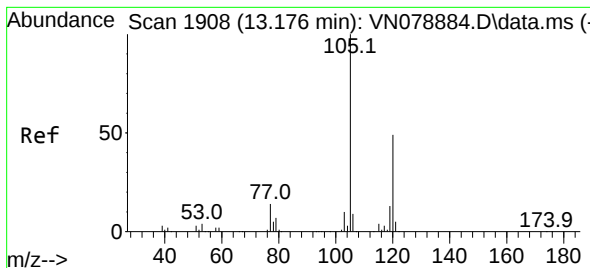
Tgt Ion:152 Resp: 133964
Ion Ratio Lower Upper
152 100
115 59.0 32.3 96.8
150 155.9 0.0 355.8



#78
n-propylbenzene
Concen: 1.202 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

Tgt Ion: 91 Resp: 15572
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 2.183 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078914.D

Acq: 16 Aug 2023 19:43

Instrument :

MSVOA_N

ClientSampleId :

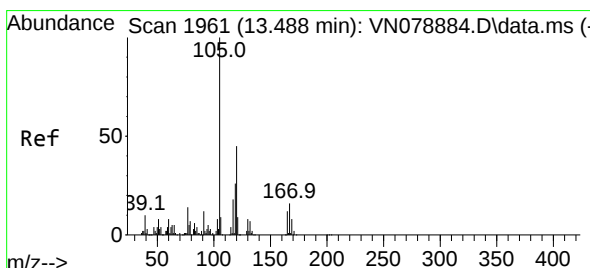
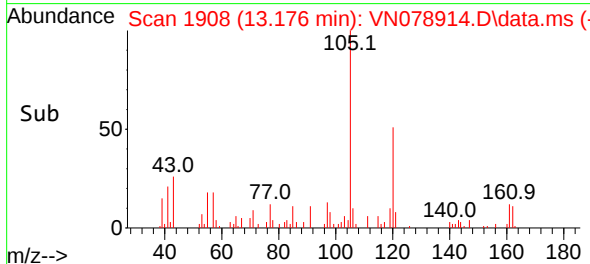
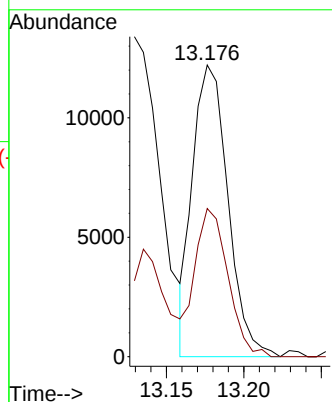
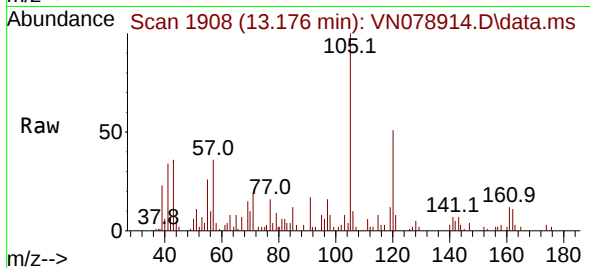
1625

Tgt Ion:105 Resp: 19324

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 8.958 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078914.D

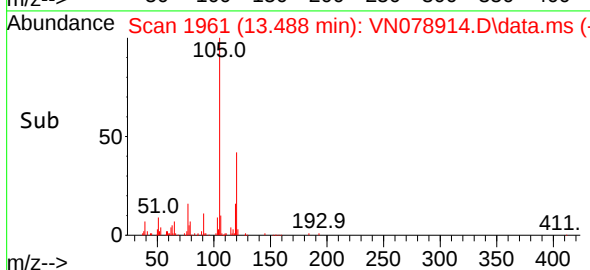
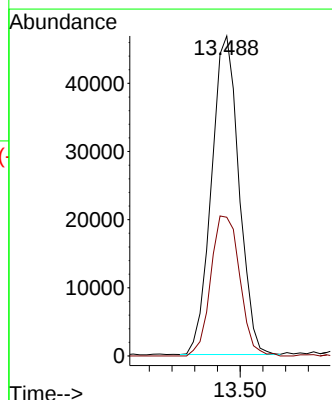
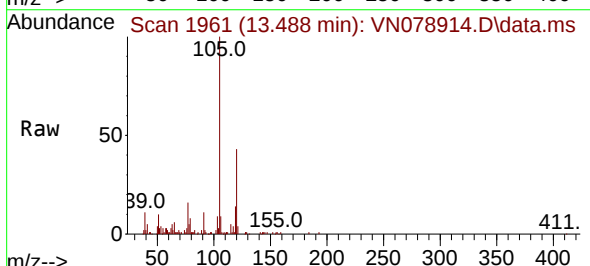
Acq: 16 Aug 2023 19:43

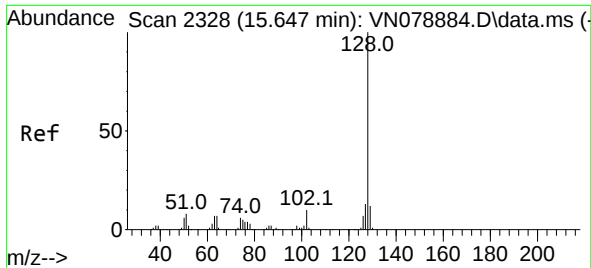
Tgt Ion:105 Resp: 78521

Ion Ratio Lower Upper

105 100

120 46.3 22.0 66.0





#95
Naphthalene
Concen: 45.336 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078914.D
Acq: 16 Aug 2023 19:43

Instrument :
MSVOA_N
ClientSampleId :
1625

Tgt Ion:128 Resp: 278318
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 11.8 8.7 13.1

