

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075804.D
 Acq On : 15 Dec 2022 06:51
 Operator : JC\MD
 Sample : N6002-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6N-SUMP

Quant Time: Dec 15 07:45:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

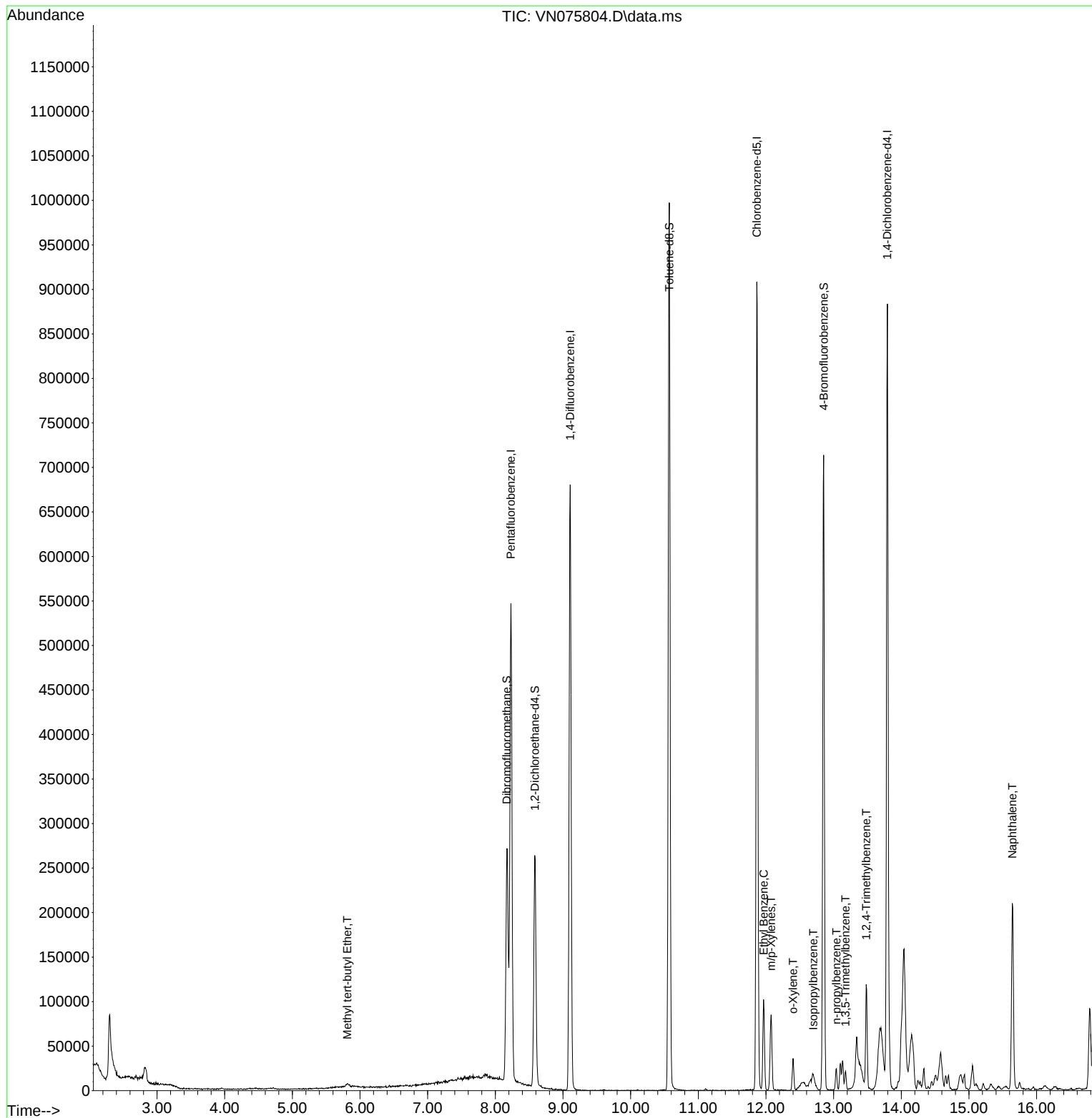
Internal Standards						
1) Pentafluorobenzene	8.230	168	416091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	636407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	552290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	211011	46.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.220%
35) Dibromofluoromethane	8.171	113	188429	47.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.620%
50) Toluene-d8	10.571	98	723253	49.082	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.853	95	236559	48.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.940%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.812	73	5421	0.446	ug/l #	90
67) Ethyl Benzene	11.965	91	77815	4.067	ug/l	95
68) m/p-Xylenes	12.077	106	29836	3.940	ug/l	100
69) o-Xylene	12.400	106	10004	1.335	ug/l	85
73) Isopropylbenzene	12.700	105	4842	0.274	ug/l	97
78) n-propylbenzene	13.041	91	20524	1.053	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	10227	0.691	ug/l	86
84) 1,2,4-Trimethylbenzene	13.482	105	71256	4.856	ug/l	97
95) Naphthalene	15.641	128	209070	17.201	ug/l	99

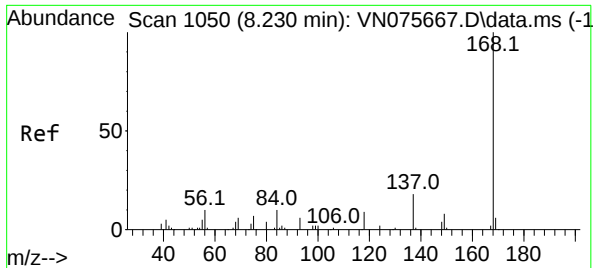
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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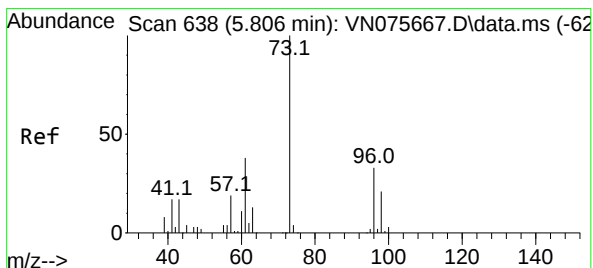
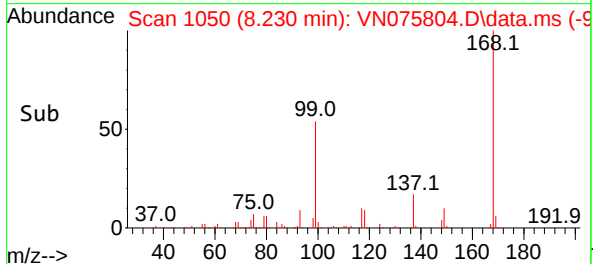
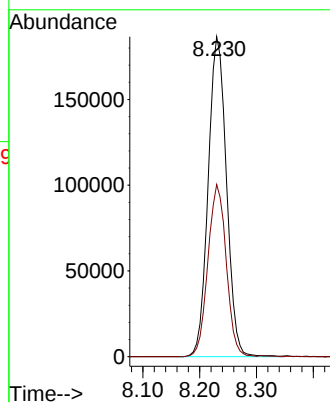
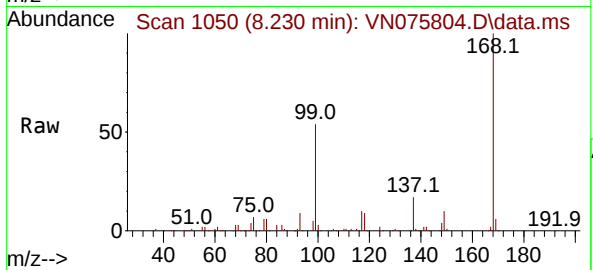




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

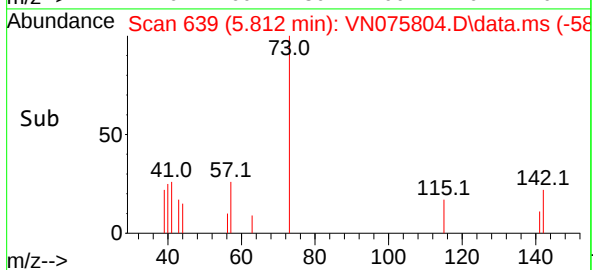
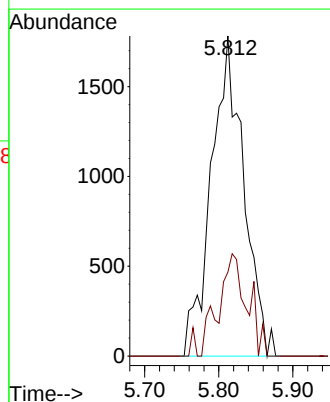
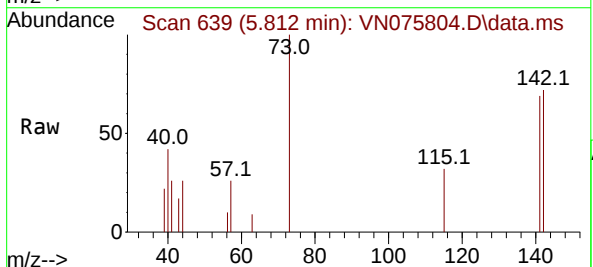
Instrument :
MSVOA_N
ClientSampleId :
6N-SUMP

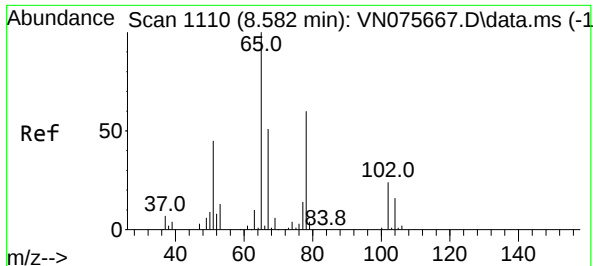
Tgt Ion:168 Resp: 416091
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#19
Methyl tert-butyl Ether
Concen: 0.446 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

Tgt Ion: 73 Resp: 5421
Ion Ratio Lower Upper
73 100
57 26.2 17.1 25.7#





#33

1,2-Dichloroethane-d4

Concen: 46.615 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075804.D

Acq: 15 Dec 2022 06:51

Instrument :

MSVOA_N

ClientSampleId :

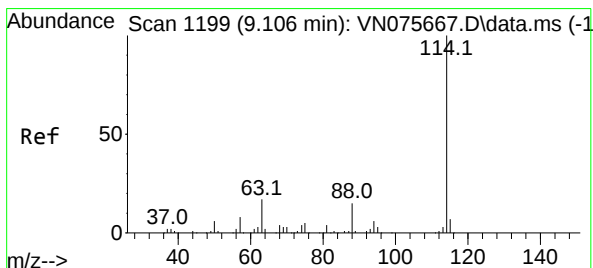
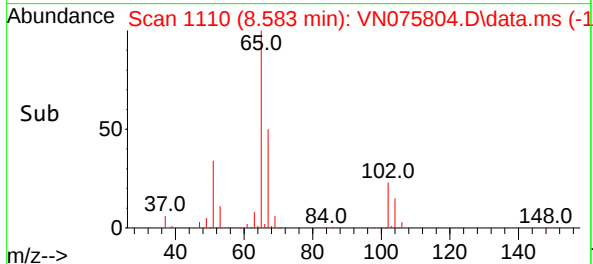
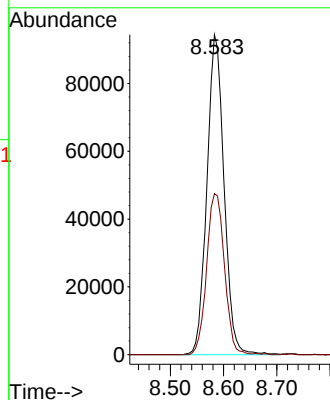
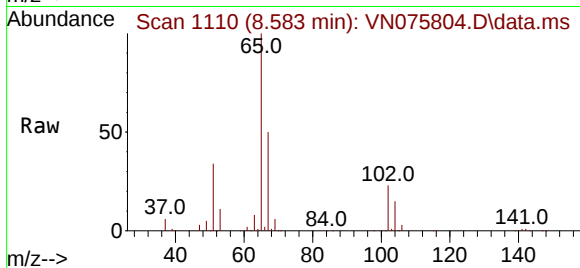
6N-SUMP

Tgt Ion: 65 Resp: 211011

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075804.D

Acq: 15 Dec 2022 06:51

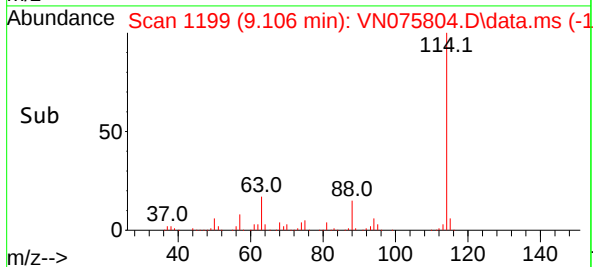
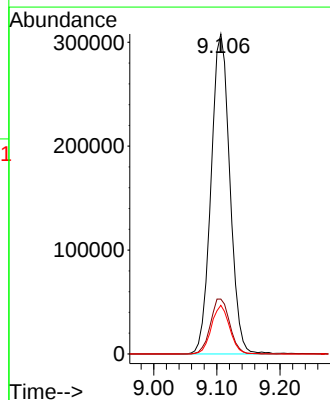
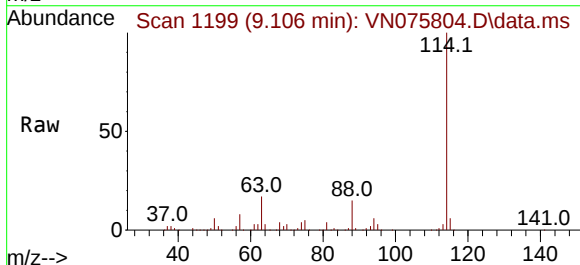
Tgt Ion: 114 Resp: 636407

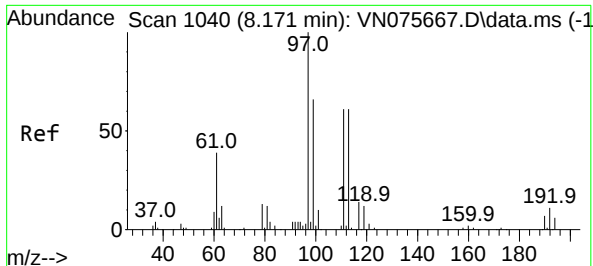
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 15.2 0.0 28.8

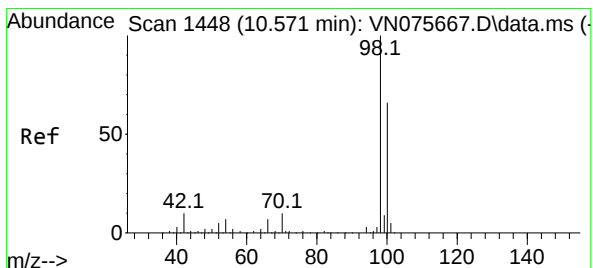
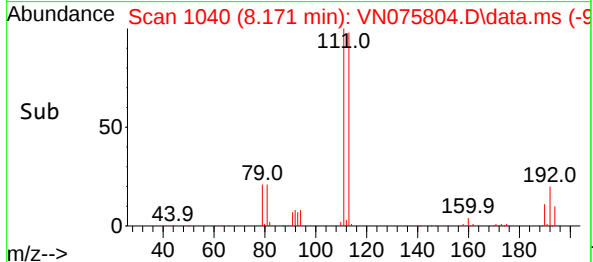
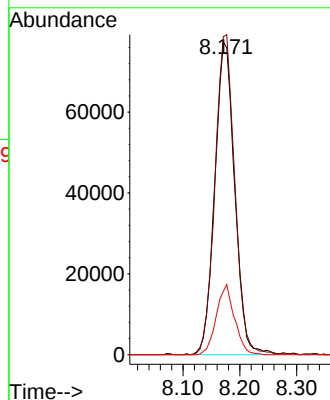
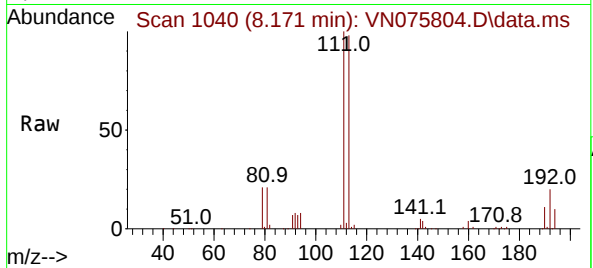




#35
Dibromofluoromethane
Concen: 47.810 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

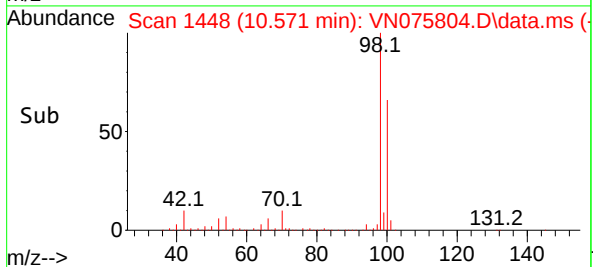
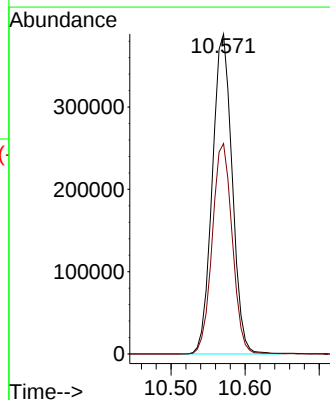
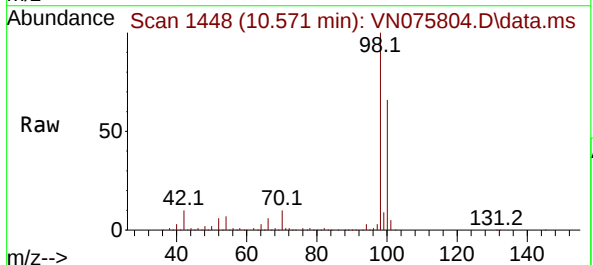
Instrument :
MSVOA_N
ClientSampleId :
6N-SUMP

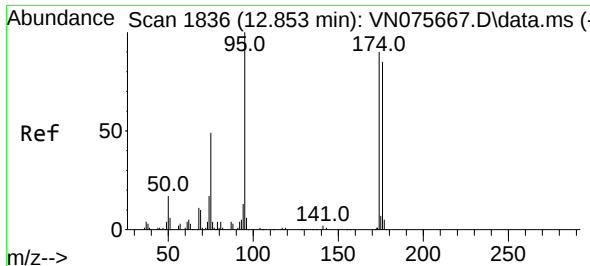
Tgt Ion:113 Resp: 188429
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.2
192 20.4 16.1 24.1



#50
Toluene-d8
Concen: 49.082 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

Tgt Ion: 98 Resp: 723253
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

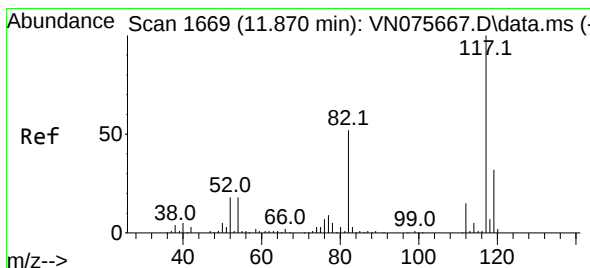
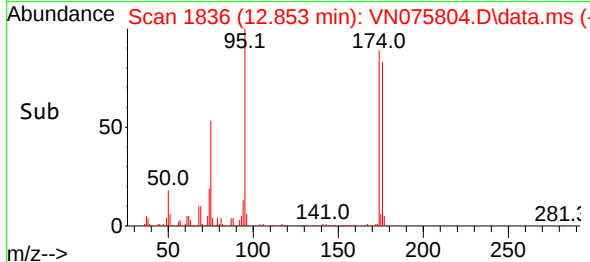
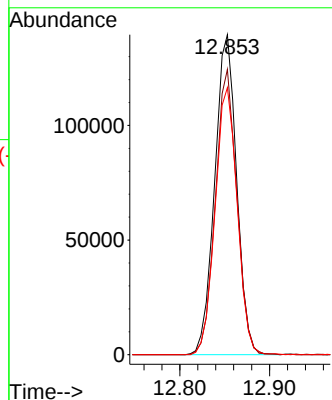
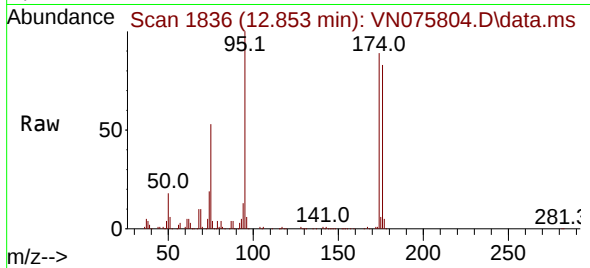




#62
4-Bromofluorobenzene
Concen: 48.469 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

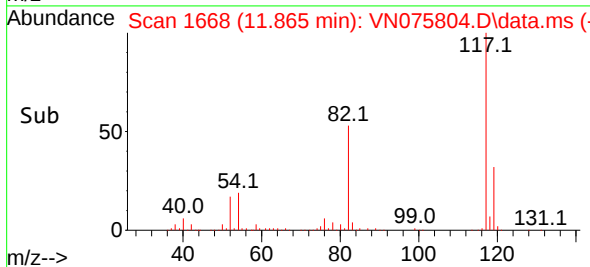
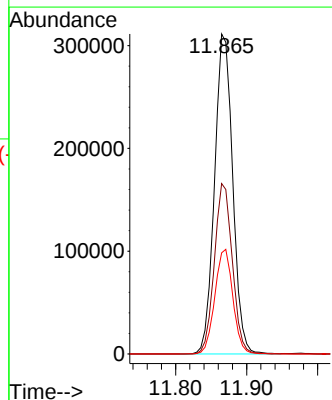
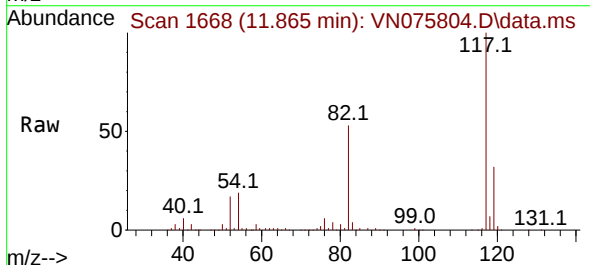
Instrument :
MSVOA_N
ClientSampleId :
6N-SUMP

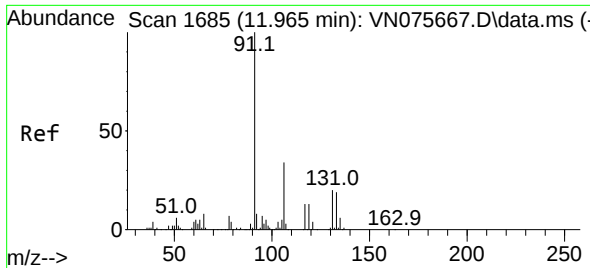
Tgt Ion: 95 Resp: 236559
Ion Ratio Lower Upper
95 100
174 87.5 0.0 171.6
176 84.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

Tgt Ion: 117 Resp: 552290
Ion Ratio Lower Upper
117 100
82 53.2 41.3 61.9
119 31.6 24.6 37.0

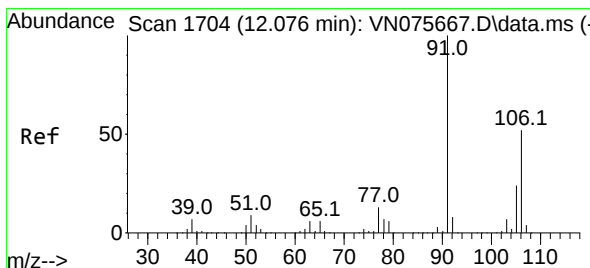
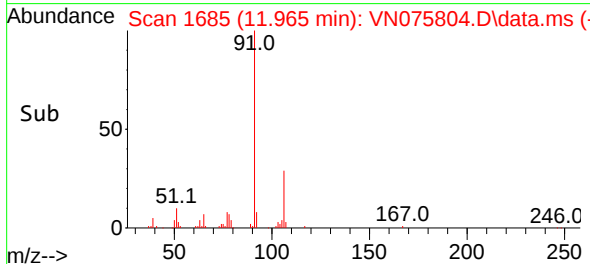
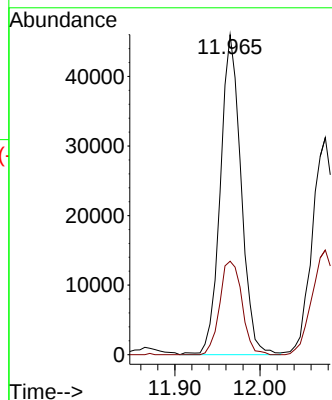
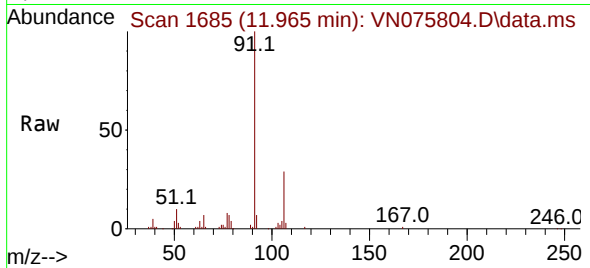




#67
Ethyl Benzene
Concen: 4.067 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

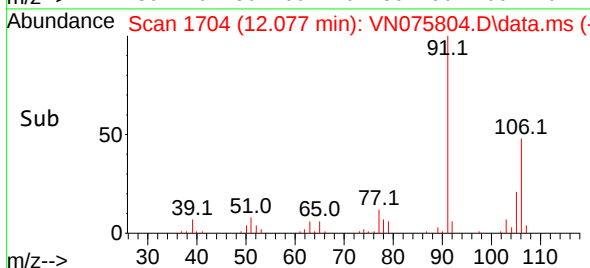
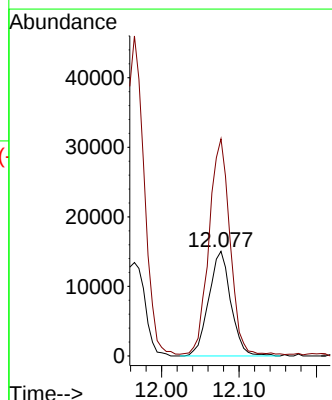
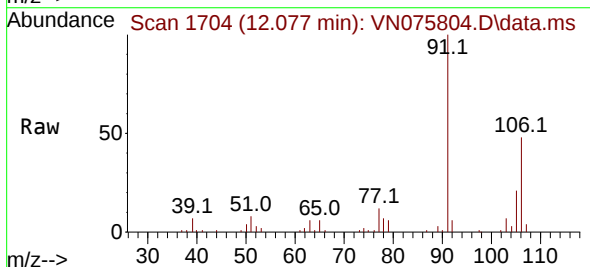
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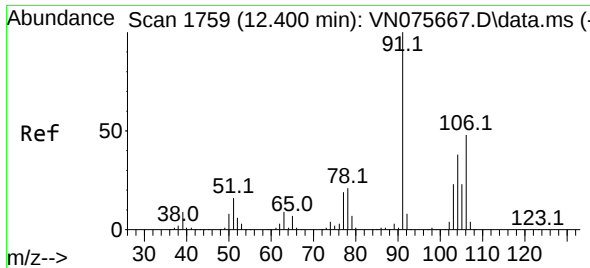
Tgt Ion: 91 Resp: 77815
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5



#68
m/p-Xylenes
Concen: 3.940 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

Tgt Ion: 106 Resp: 29836
Ion Ratio Lower Upper
106 100
91 195.9 156.6 235.0

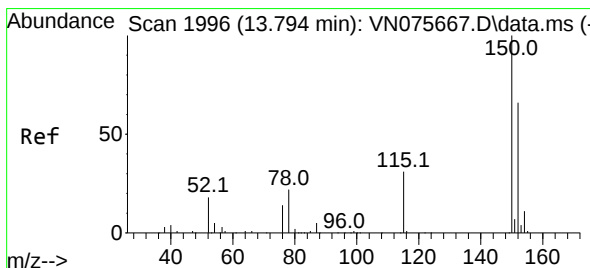
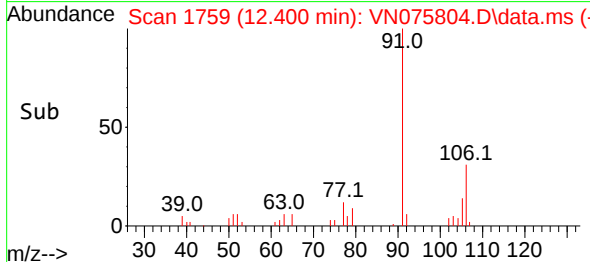
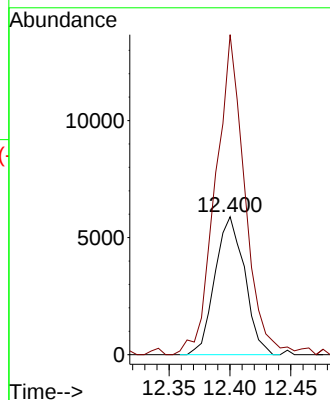
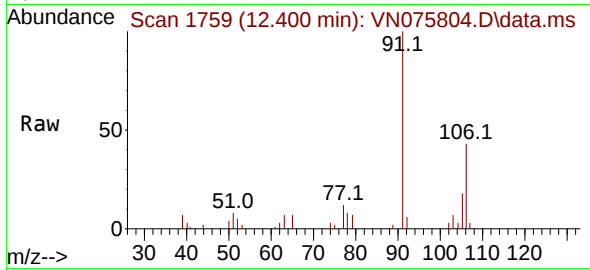




#69
o-Xylene
Concen: 1.335 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

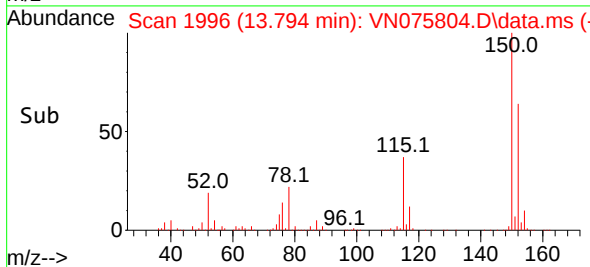
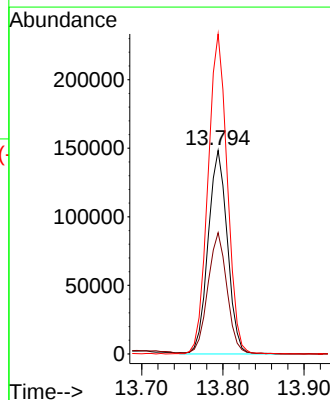
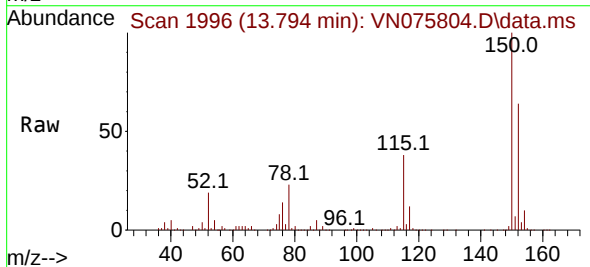
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6N-SUMP

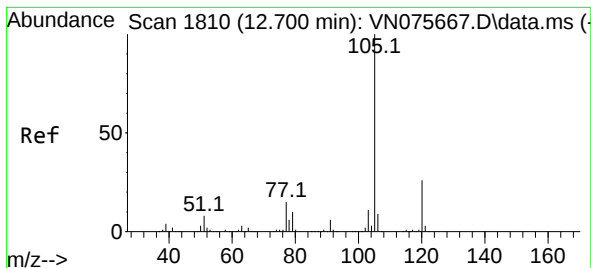
Tgt Ion:106 Resp: 10004
Ion Ratio Lower Upper
106 100
91 230.6 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

Tgt Ion:152 Resp: 244563
Ion Ratio Lower Upper
152 100
115 59.5 29.1 87.4
150 157.4 0.0 347.0





#73

Isopropylbenzene

Concen: 0.274 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075804.D

Acq: 15 Dec 2022 06:51

Instrument :

MSVOA_N

ClientSampleId :

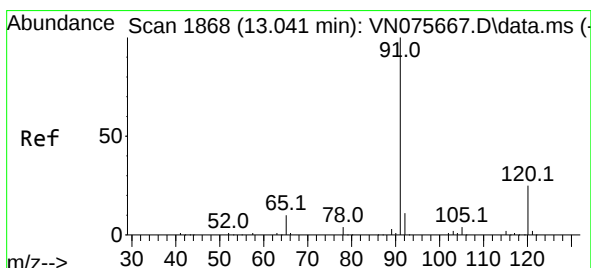
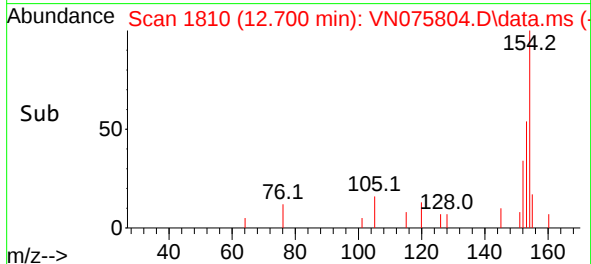
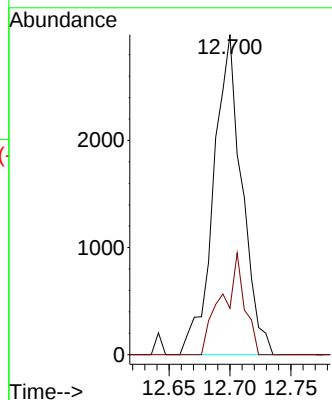
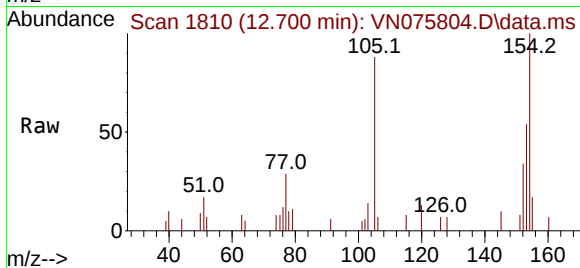
6N-SUMP

Tgt Ion:105 Resp: 4842

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.2



#78

n-propylbenzene

Concen: 1.053 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN075804.D

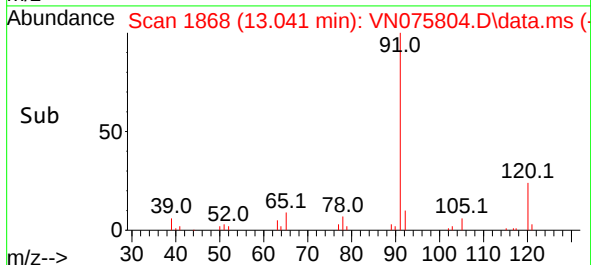
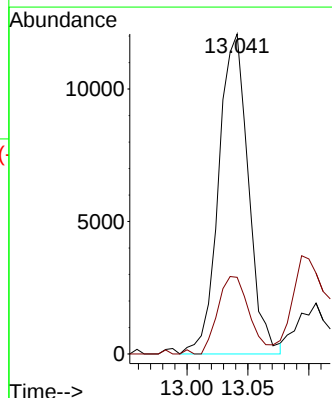
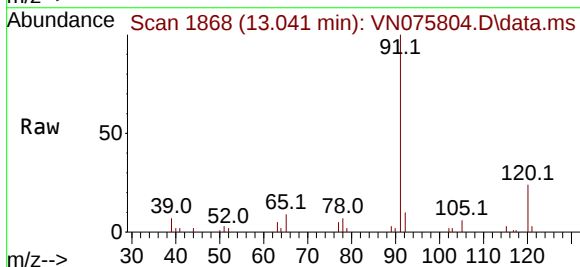
Acq: 15 Dec 2022 06:51

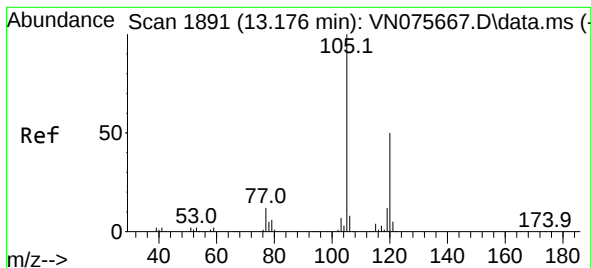
Tgt Ion: 91 Resp: 20524

Ion Ratio Lower Upper

91 100

120 26.1 12.0 36.1





#80

1,3,5-Trimethylbenzene

Concen: 0.691 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075804.D

Acq: 15 Dec 2022 06:51

Instrument :

MSVOA_N

ClientSampleId :

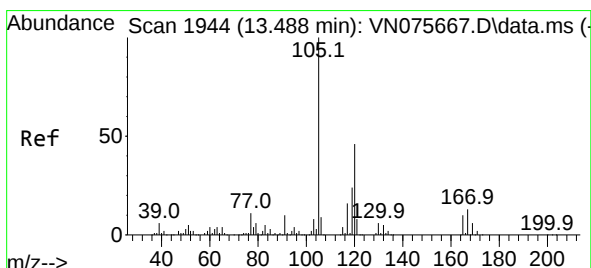
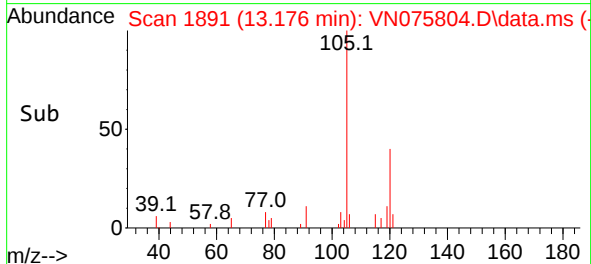
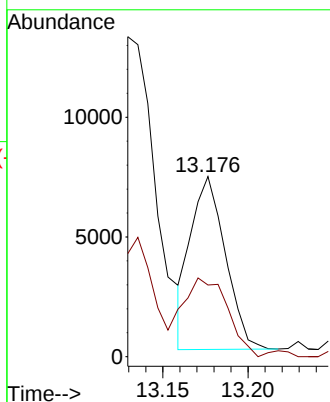
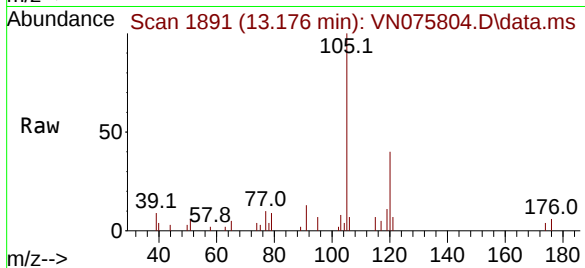
6N-SUMP

Tgt Ion:105 Resp: 10227

Ion Ratio Lower Upper

105 100

120 58.9 24.7 74.1



#84

1,2,4-Trimethylbenzene

Concen: 4.856 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075804.D

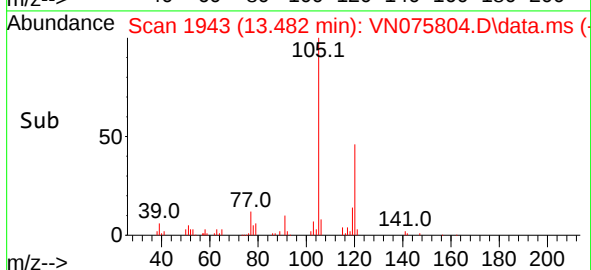
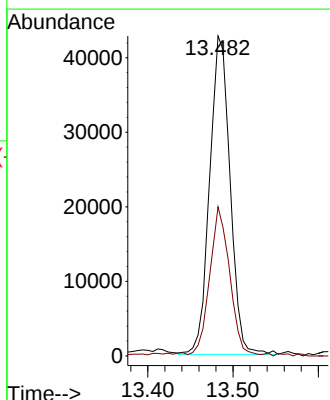
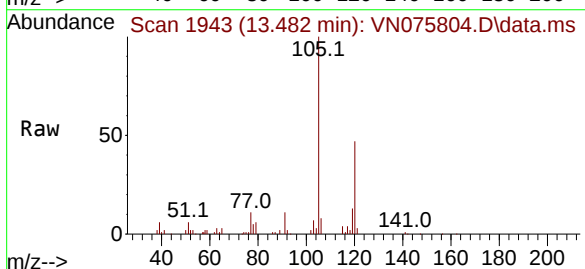
Acq: 15 Dec 2022 06:51

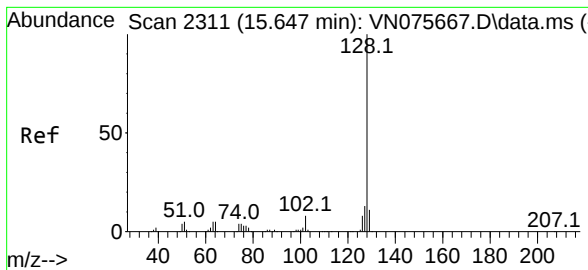
Tgt Ion:105 Resp: 71256

Ion Ratio Lower Upper

105 100

120 44.6 23.3 69.8





#95
Naphthalene
Concen: 17.201 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075804.D
Acq: 15 Dec 2022 06:51

Instrument :
MSVOA_N
ClientSampleId :
6N-SUMP

Tgt Ion:128 Resp: 209070
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.7 13.1

