

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080032.D
 Acq On : 09 Nov 2023 19:22
 Operator : JC\MD
 Sample : 05284-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2

Quant Time: Nov 10 00:40:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

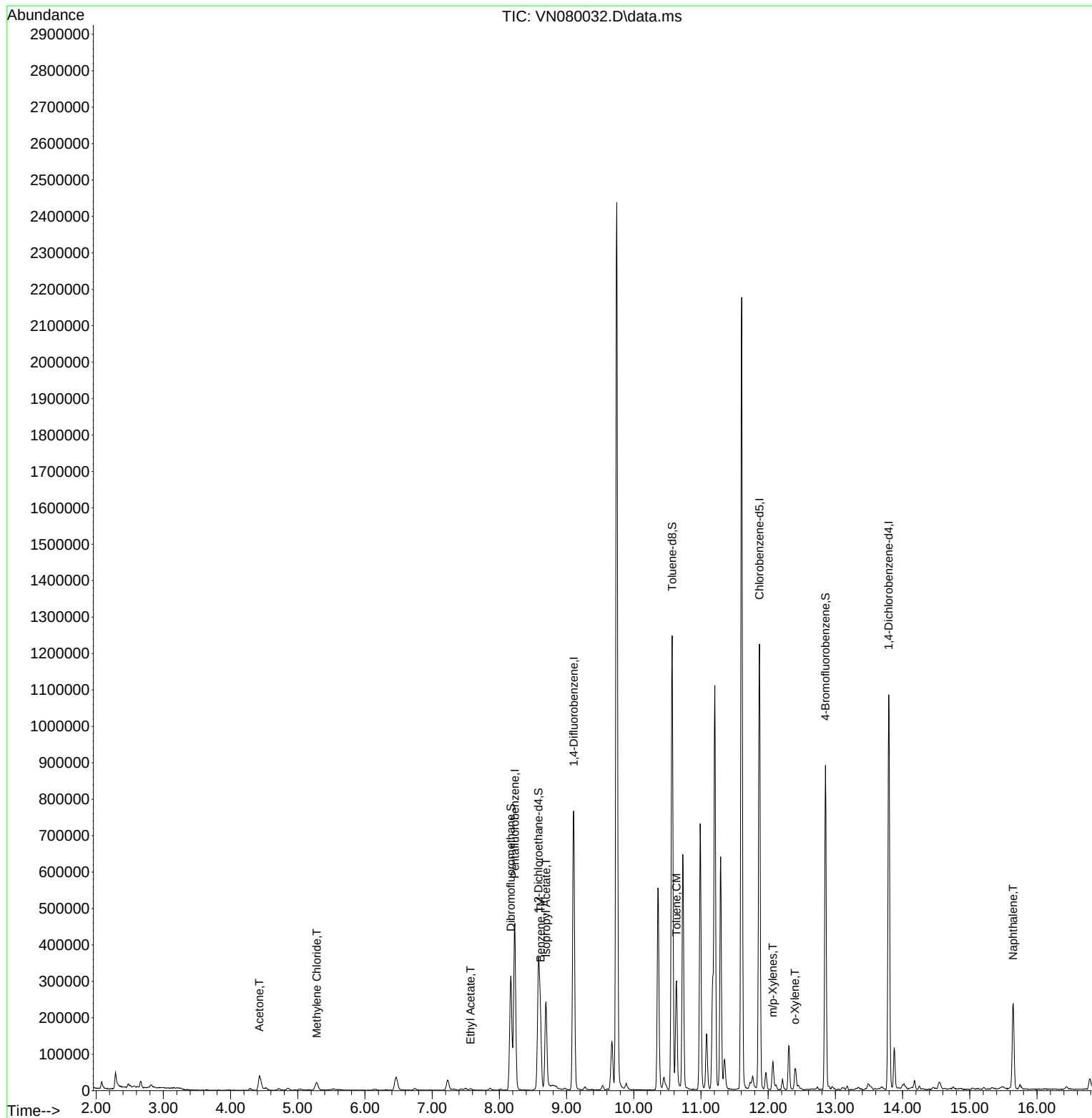
Internal Standards						
1) Pentafluorobenzene	8.230	168	313676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	704867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	288844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	264476	55.342	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.680%		
35) Dibromofluoromethane	8.171	113	224550	48.486	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.980%		
50) Toluene-d8	10.571	98	837496	49.122	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.240%		
62) 4-Bromofluorobenzene	12.853	95	307527	54.388	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.780%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	75769	45.137	ug/l	98
20) Methylene Chloride	5.283	84	16110	3.803	ug/l	91
37) Ethyl Acetate	7.571	43	6562	1.082	ug/l #	74
40) Benzene	8.612	78	186876	9.435	ug/l	99
43) Isopropyl Acetate	8.694	43	278507	26.187	ug/l #	82
52) Toluene	10.635	92	130547	11.118	ug/l	100
68) m/p-Xylenes	12.070	106	22450	2.262	ug/l	90
69) o-Xylene	12.400	106	12789	1.338	ug/l	93
95) Naphthalene	15.647	128	217479	14.310	ug/l	100

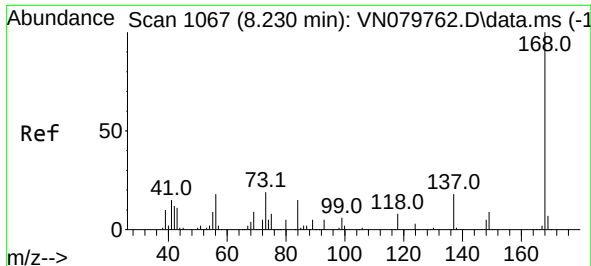
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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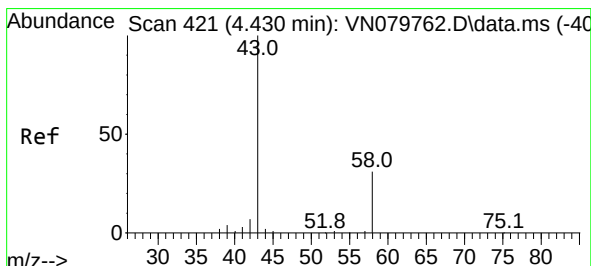
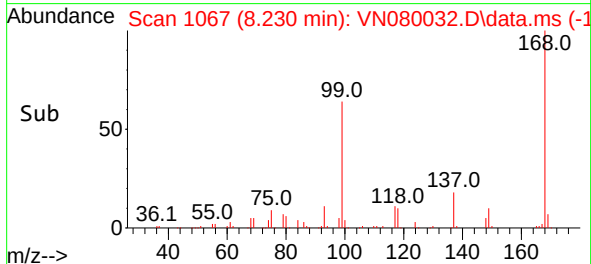
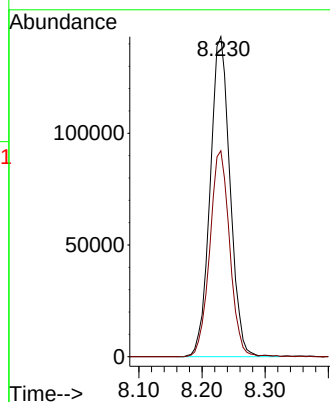
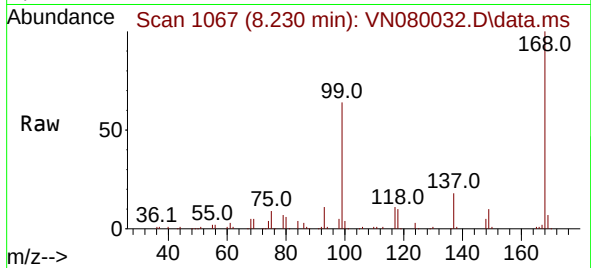




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

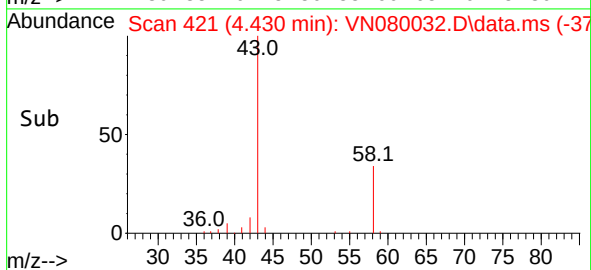
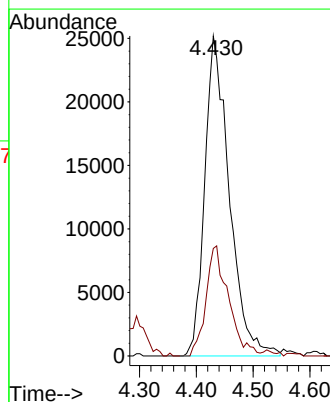
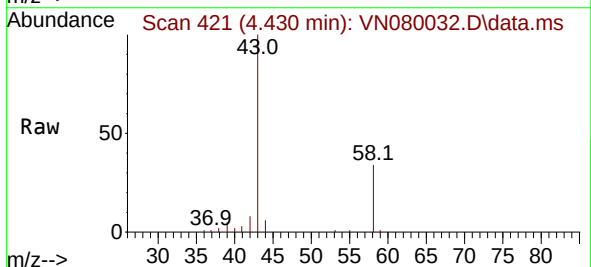
Instrument :
MSVOA_N
ClientSampleId :
SB-2

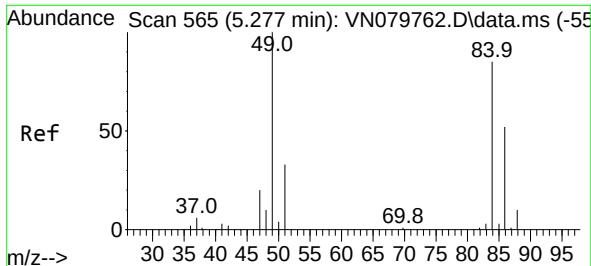
Tgt Ion:168 Resp: 313676
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#16
Acetone
Concen: 45.137 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

Tgt Ion: 43 Resp: 75769
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0

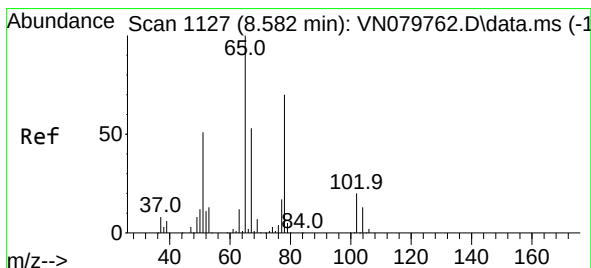
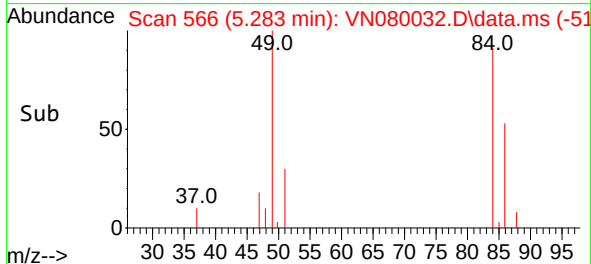
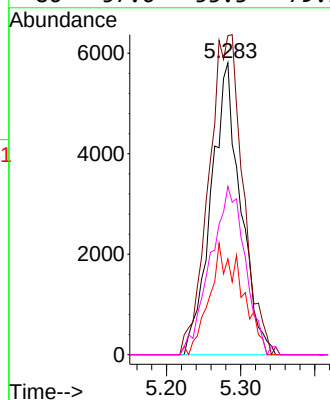
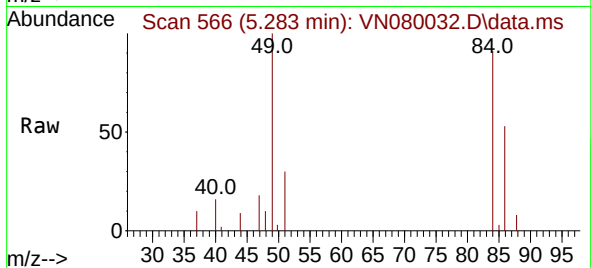




#20
Methylene Chloride
Concen: 3.803 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

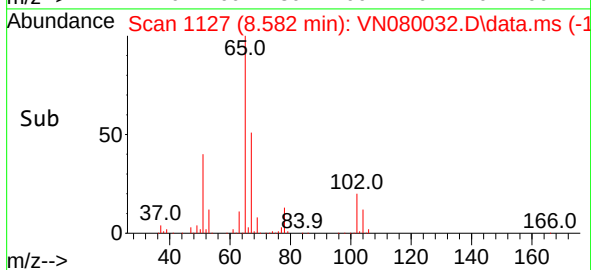
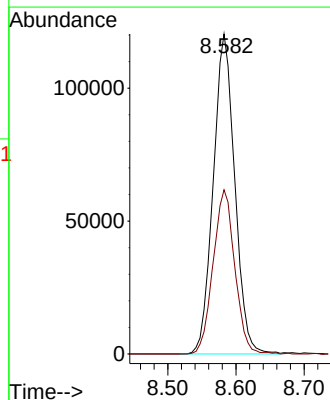
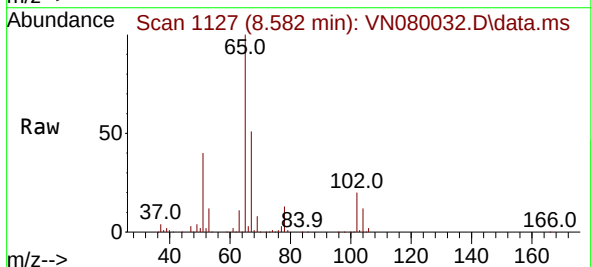
Instrument :
MSVOA_N
ClientSampleId :
SB-2

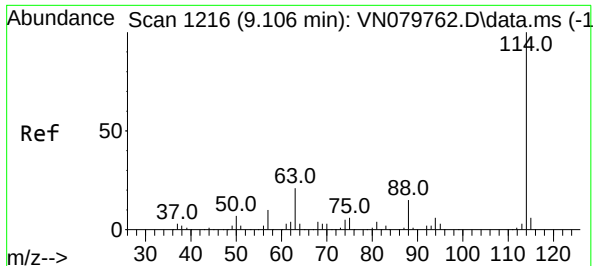
Tgt Ion:	84	Resp:	16110
Ion	Ratio	Lower	Upper
84	100		
49	109.3	79.7	119.5
51	32.9	25.2	37.8
86	57.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 55.342 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

Tgt Ion:	65	Resp:	264476
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080032.D

Acq: 09 Nov 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

SB-2

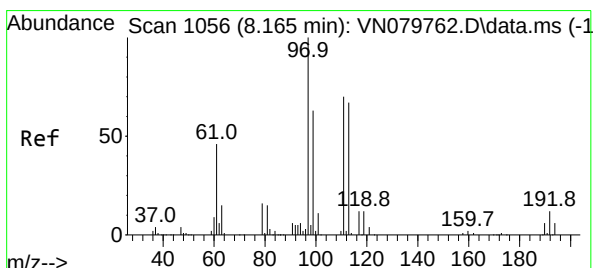
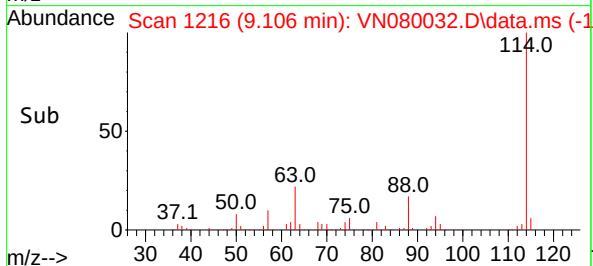
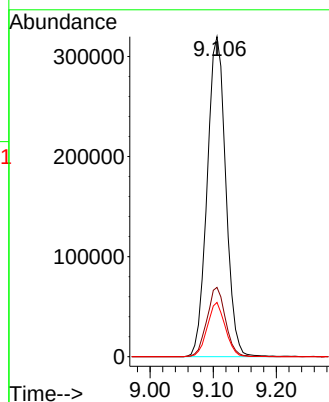
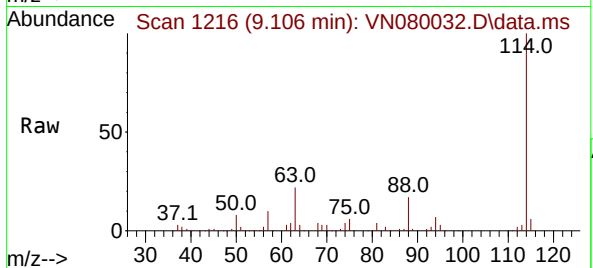
Tgt Ion:114 Resp: 654349

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.486 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080032.D

Acq: 09 Nov 2023 19:22

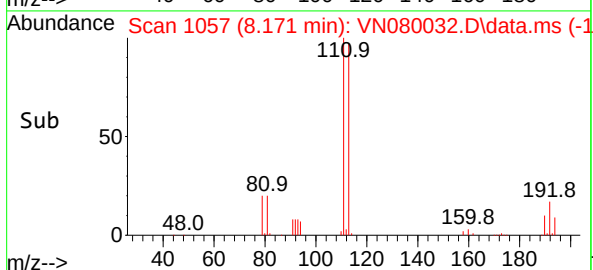
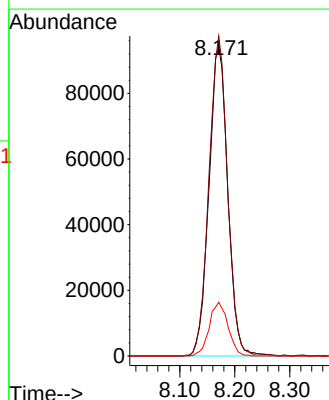
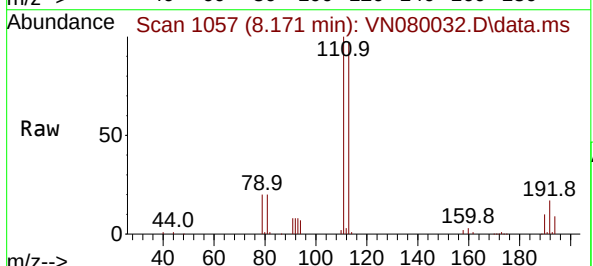
Tgt Ion:113 Resp: 224550

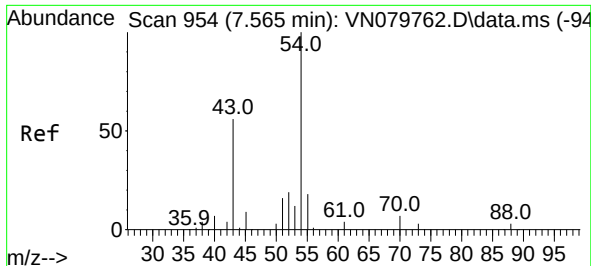
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.3 12.7 19.1

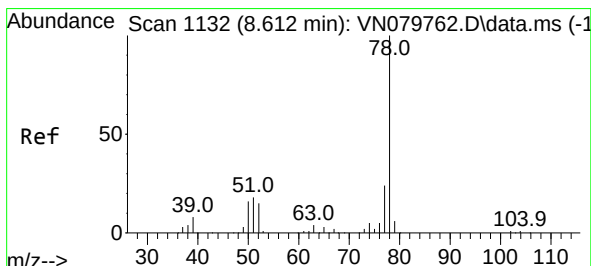
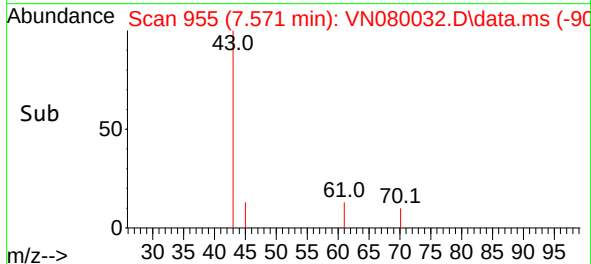
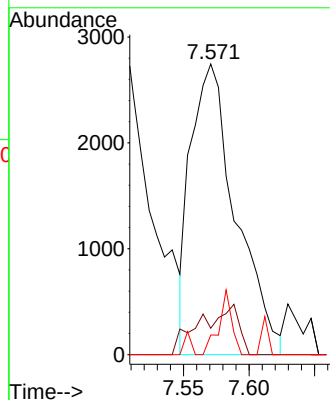
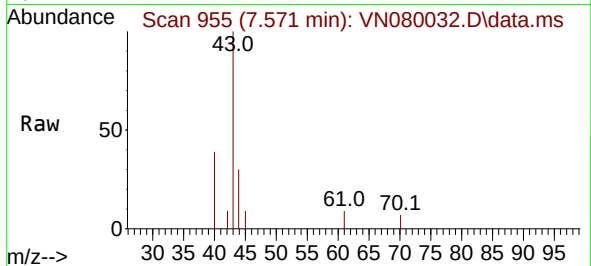




#37
Ethyl Acetate
Concen: 1.082 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

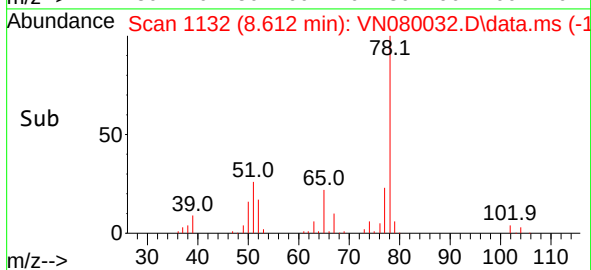
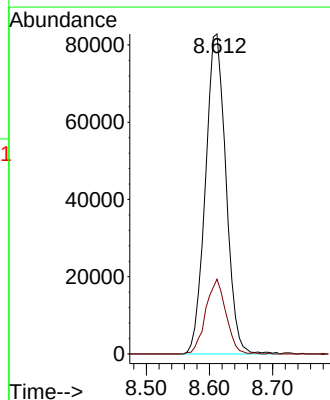
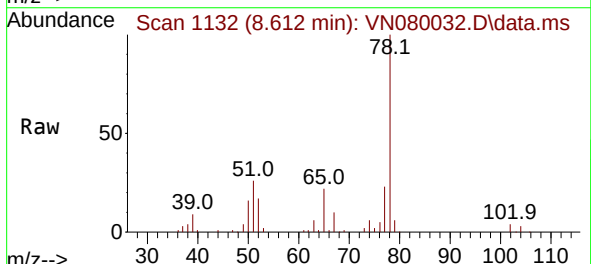
Instrument :
MSVOA_N
ClientSampleId :
SB-2

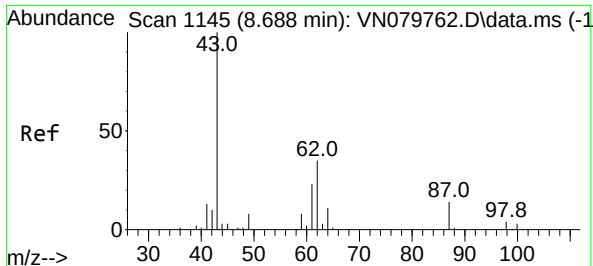
Tgt Ion: 43 Resp: 6562
Ion Ratio Lower Upper
43 100
61 7.1 13.2 19.8#
70 1.2 11.3 16.9#



#40
Benzene
Concen: 9.435 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

Tgt Ion: 78 Resp: 186876
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#43

Isopropyl Acetate

Concen: 26.187 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080032.D

Acq: 09 Nov 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

SB-2

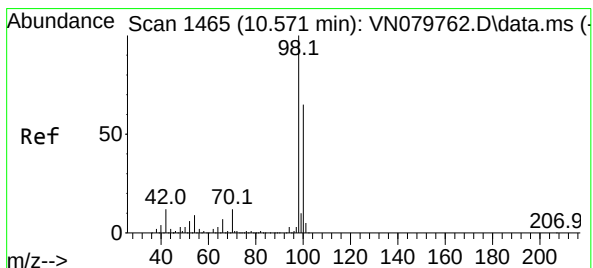
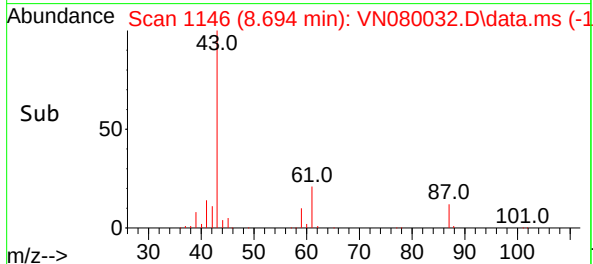
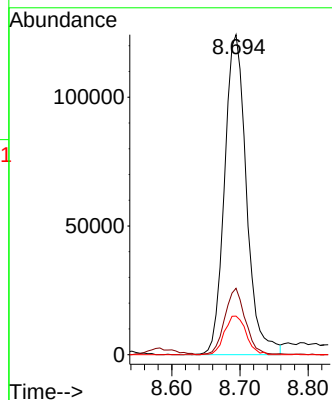
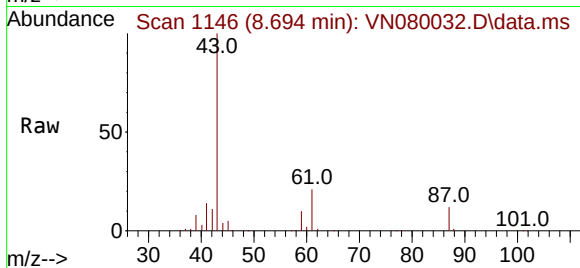
Tgt Ion: 43 Resp: 278507

Ion Ratio Lower Upper

43 100

61 19.5 24.7 37.1#

87 11.9 14.6 21.8#



#50

Toluene-d8

Concen: 49.122 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080032.D

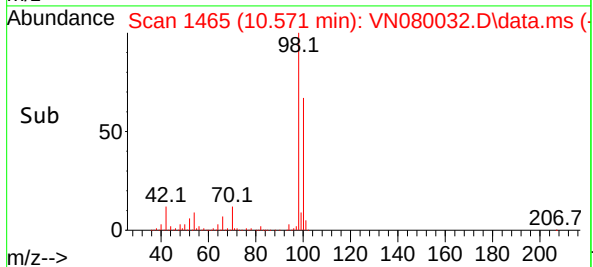
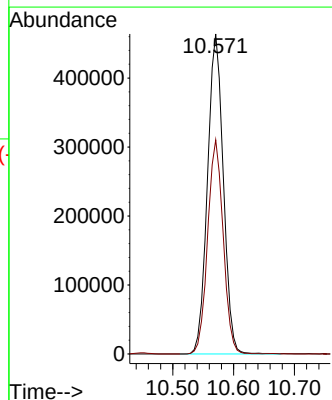
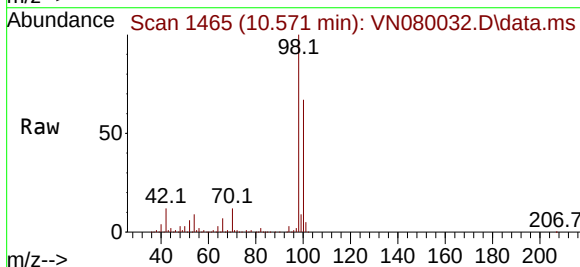
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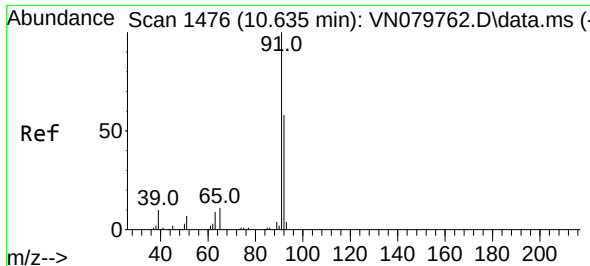
Tgt Ion: 98 Resp: 837496

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0

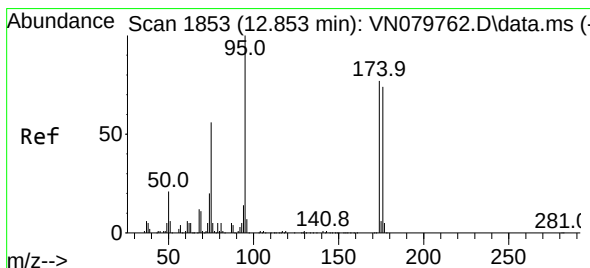
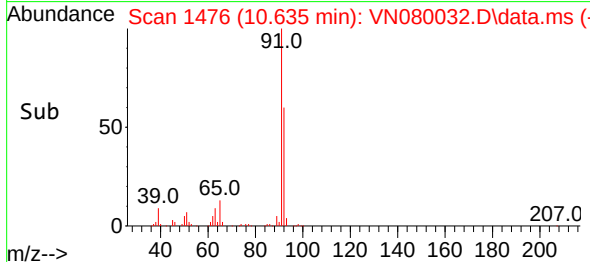
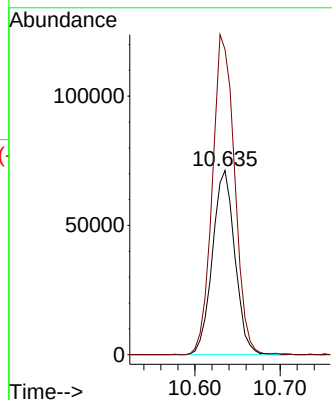
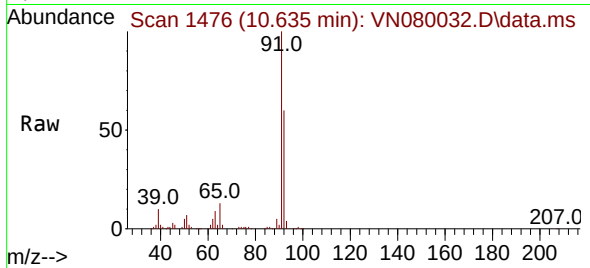




#52
Toluene
Concen: 11.118 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

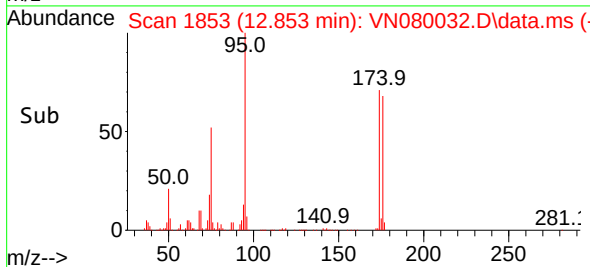
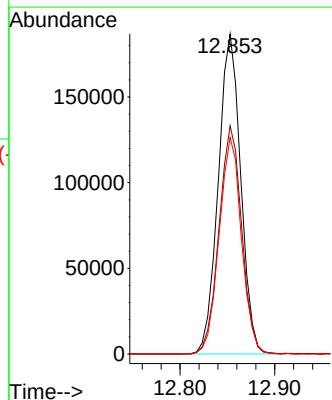
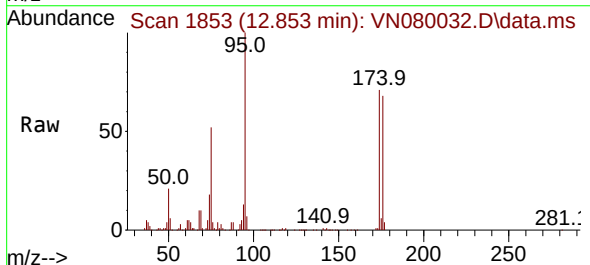
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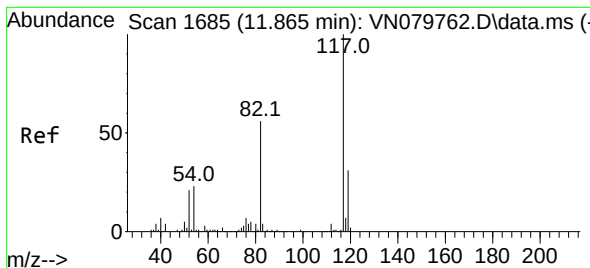
Tgt Ion: 92 Resp: 130547
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 54.388 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

Tgt Ion: 95 Resp: 307527
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.8
176 67.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080032.D

Acq: 09 Nov 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

SB-2

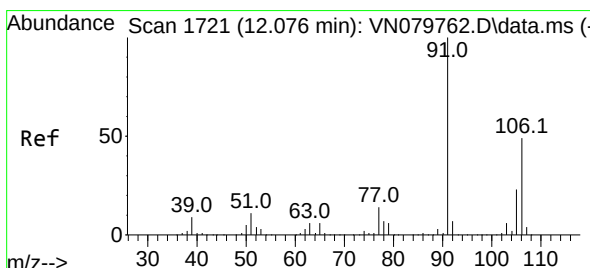
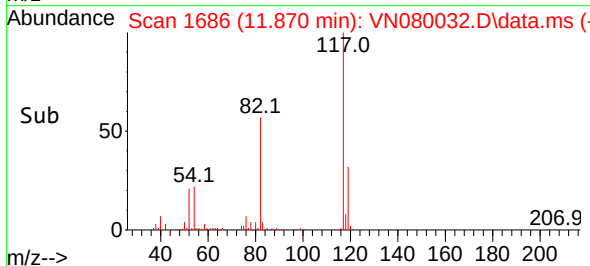
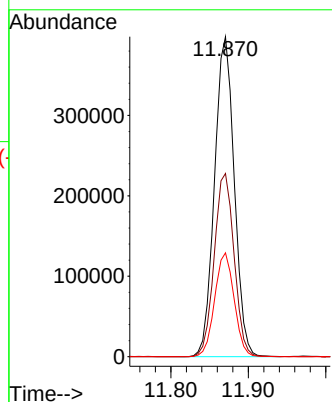
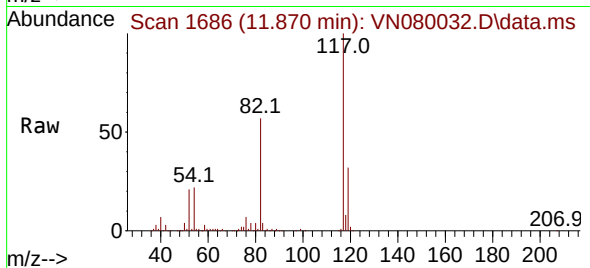
Tgt Ion:117 Resp: 704867

Ion Ratio Lower Upper

117 100

82 57.3 44.0 66.0

119 32.5 25.6 38.4



#68

m/p-Xylenes

Concen: 2.262 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN080032.D

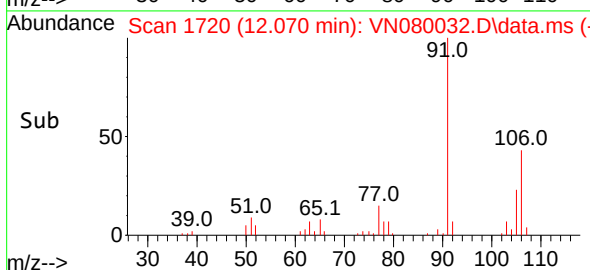
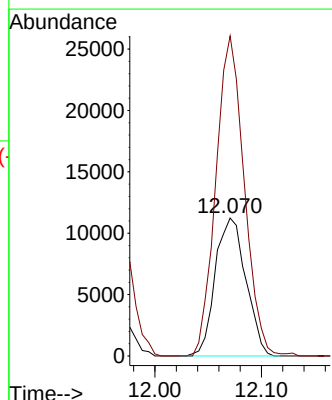
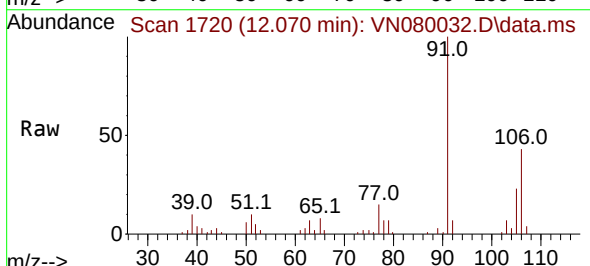
Acq: 09 Nov 2023 19:22

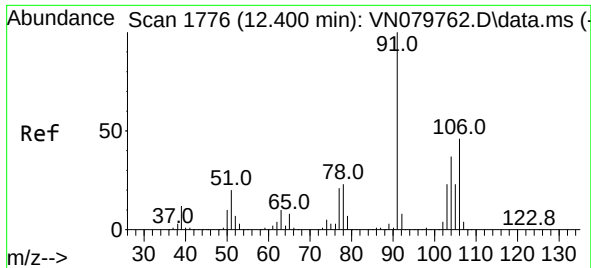
Tgt Ion:106 Resp: 22450

Ion Ratio Lower Upper

106 100

91 215.1 159.6 239.4

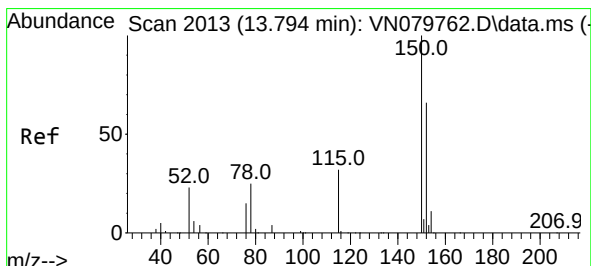
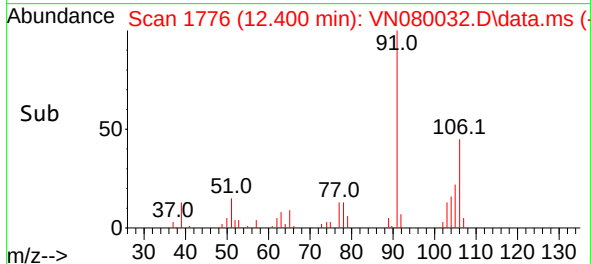
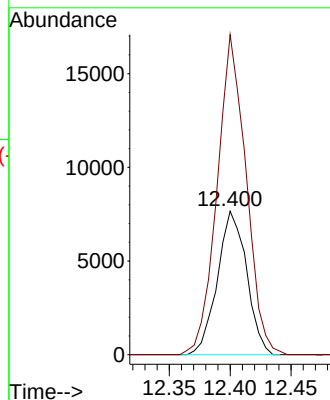
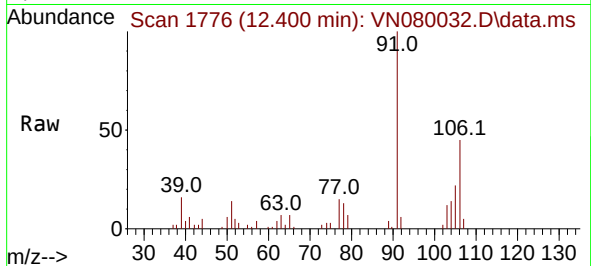




#69
o-Xylene
Concen: 1.338 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

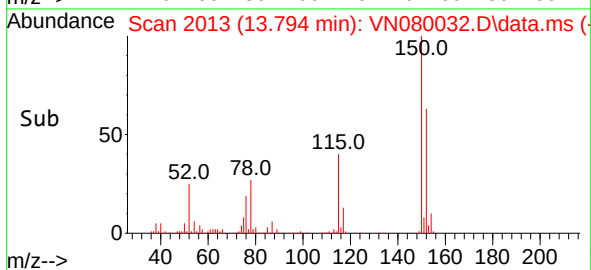
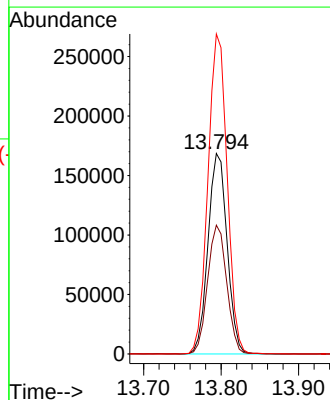
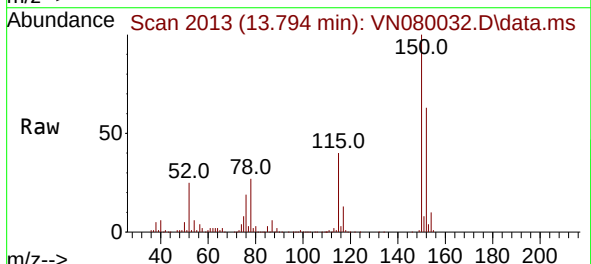
Instrument :
MSVOA_N
ClientSampleId :
SB-2

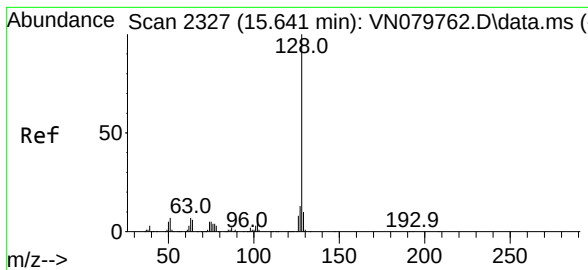
Tgt Ion:106 Resp: 12789
Ion Ratio Lower Upper
106 100
91 220.8 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

Tgt Ion:152 Resp: 288844
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 159.8 0.0 355.8





#95
Naphthalene
Concen: 14.310 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080032.D
Acq: 09 Nov 2023 19:22

Instrument :
MSVOA_N
ClientSampleId :
SB-2

Tgt Ion:	128	Resp:	217479
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	10.7	8.7	13.1

