

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081171.D
 Acq On : 23 Feb 2024 20:09
 Operator : JC\MD
 Sample : P1574-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Quant Time: Feb 23 22:04:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	273832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	497504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	183932	54.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.600%
35) Dibromofluoromethane	8.165	113	158787	50.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.480%
50) Toluene-d8	10.571	98	521505	46.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.853	95	190104	45.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.040%

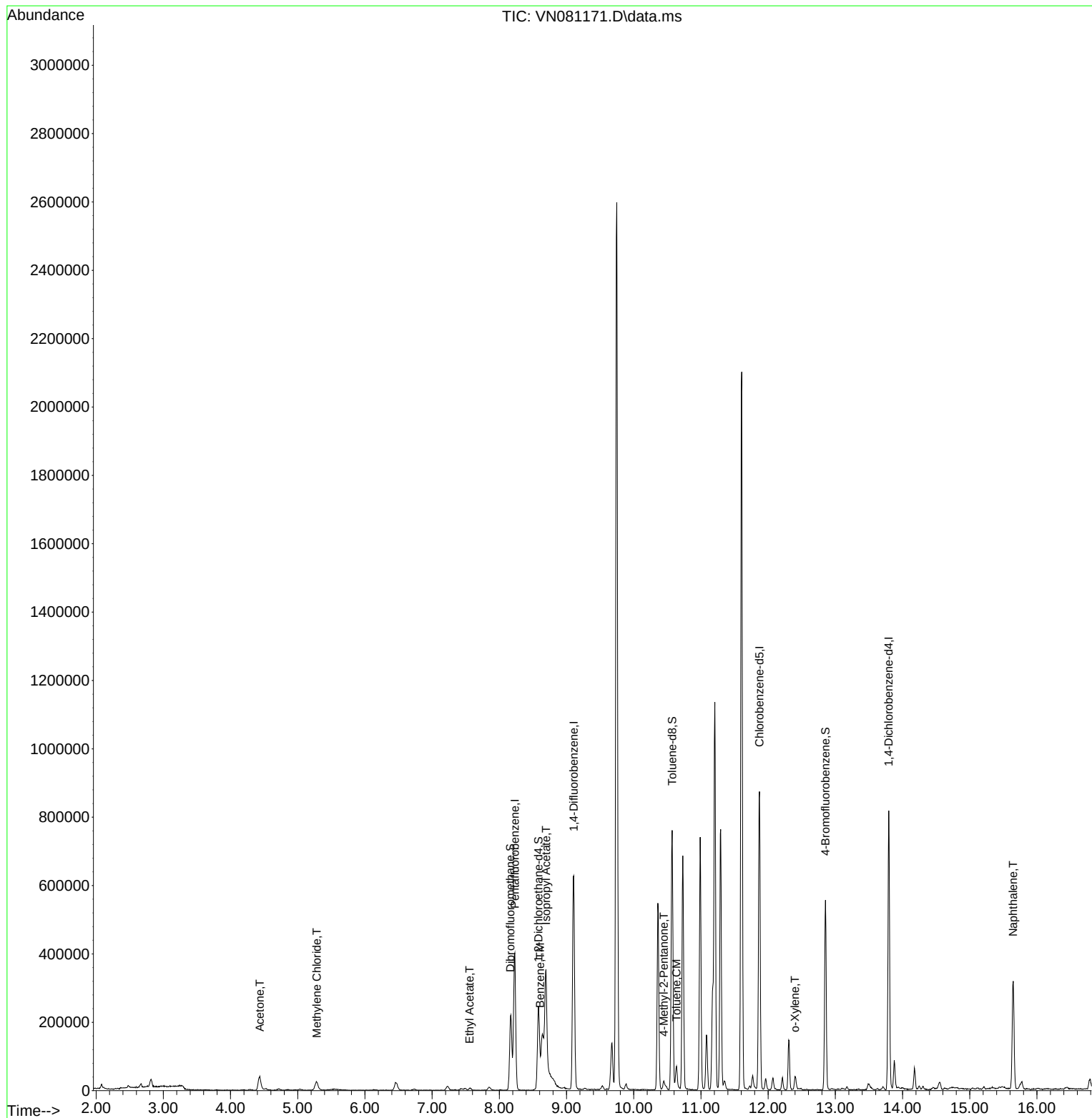
Target Compounds						Qvalue
16) Acetone	4.436	43	72348	54.781	ug/l	93
20) Methylene Chloride	5.283	84	18734	4.640	ug/l #	74
37) Ethyl Acetate	7.559	43	8623	1.782	ug/l #	84
40) Benzene	8.606	78	44552	2.871	ug/l	92
43) Isopropyl Acetate	8.694	43	629000	74.330	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	24669	5.068	ug/l #	83
52) Toluene	10.635	92	28389	2.890	ug/l	94
69) o-Xylene	12.400	106	8992	1.228	ug/l	93
95) Naphthalene	15.647	128	295859	19.879	ug/l	99

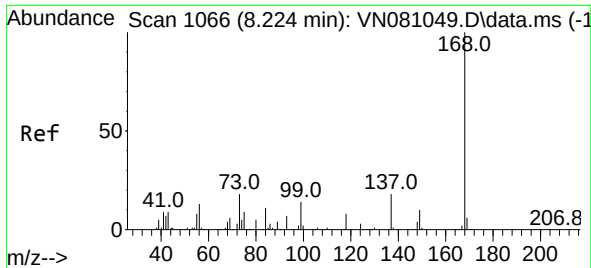
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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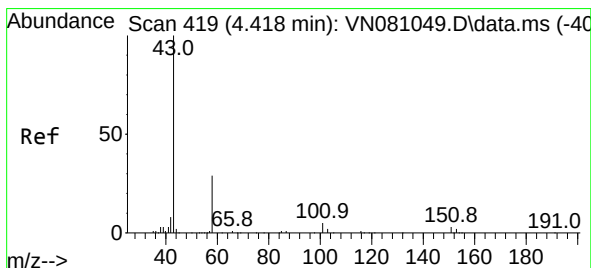
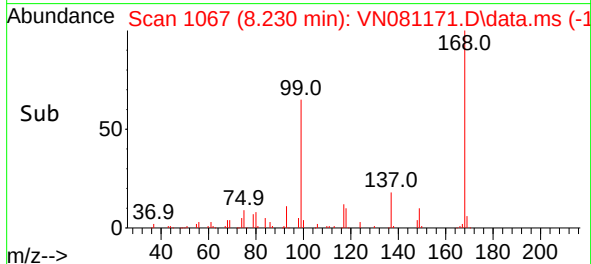
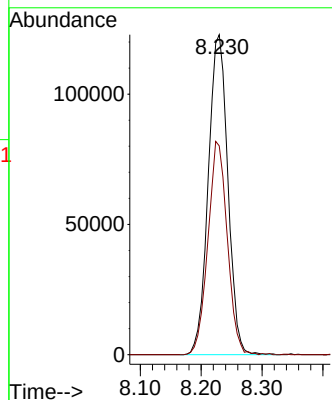
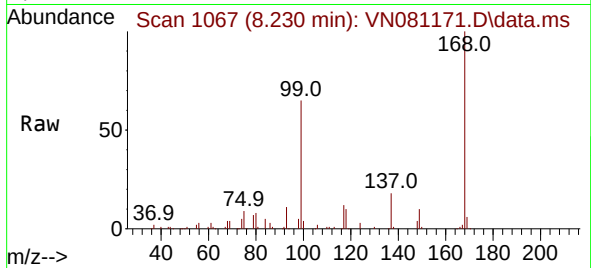




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

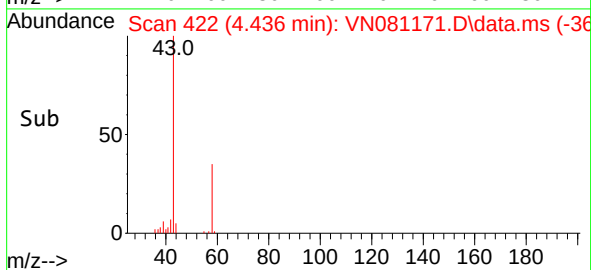
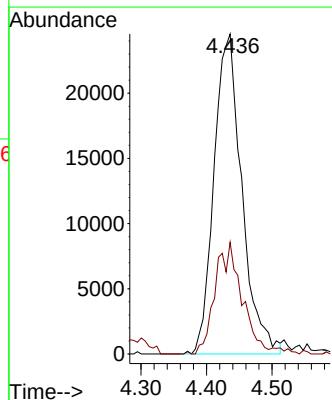
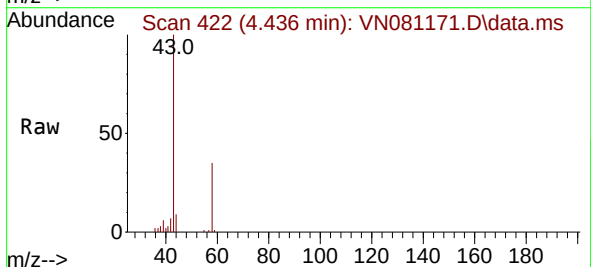
Instrument :
MSVOA_N
ClientSampleId :
SB-1

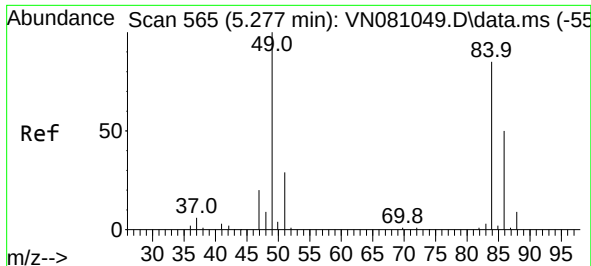
Tgt Ion:168 Resp: 273832
Ion Ratio Lower Upper
168 100
99 65.2 59.9 89.9



#16
Acetone
Concen: 54.781 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 43 Resp: 72348
Ion Ratio Lower Upper
43 100
58 34.9 24.8 37.2

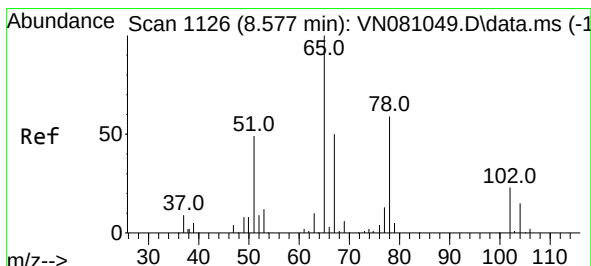
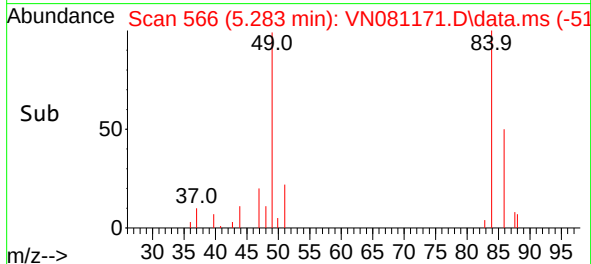
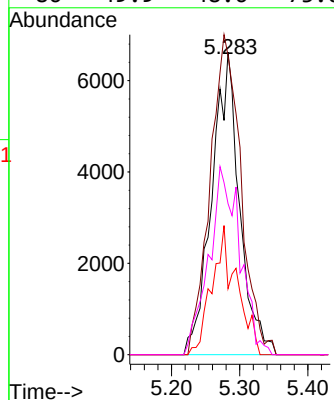
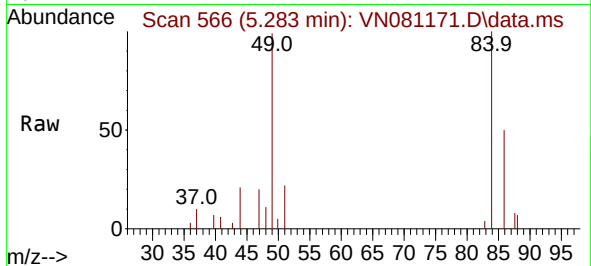




#20
Methylene Chloride
Concen: 4.640 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

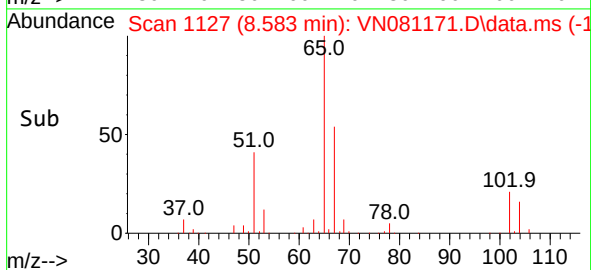
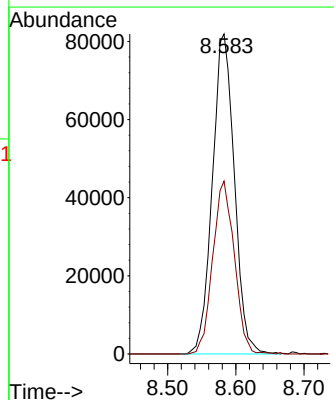
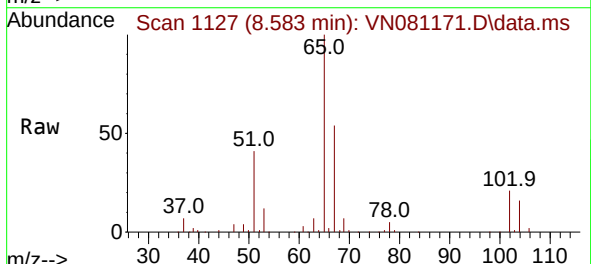
Instrument :
MSVOA_N
ClientSampleId :
SB-1

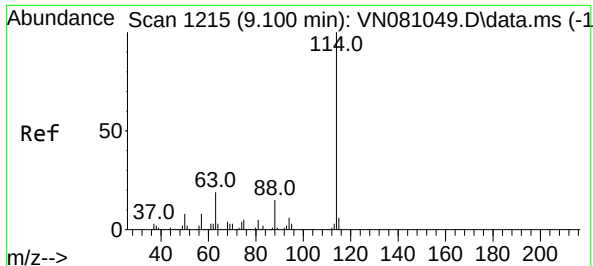
Tgt Ion: 84	Resp: 18734
Ion Ratio	Lower Upper
84	100
49	98.9 108.1 162.1#
51	21.8 32.9 49.3#
86	49.9 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 54.800 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 65	Resp: 183932
Ion Ratio	Lower Upper
65	100
67	53.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

SB-1

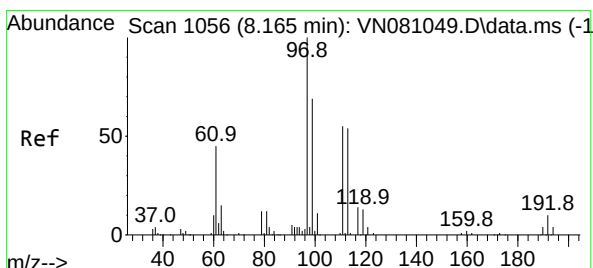
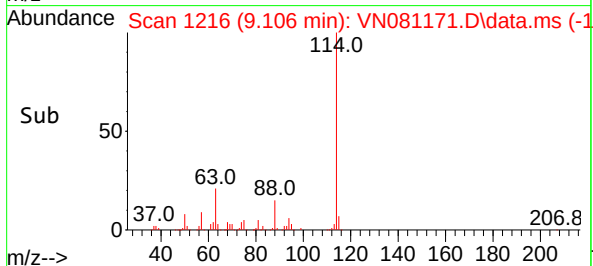
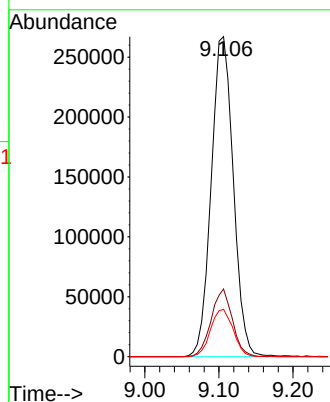
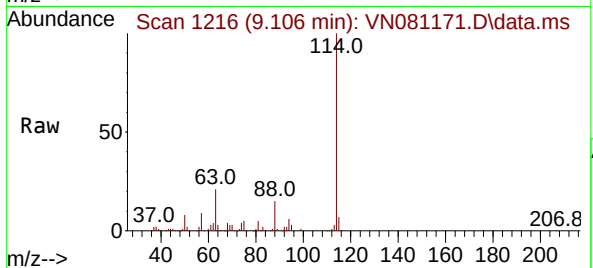
Tgt Ion:114 Resp: 553401

Ion Ratio Lower Upper

114 100

63 21.2 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.742 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

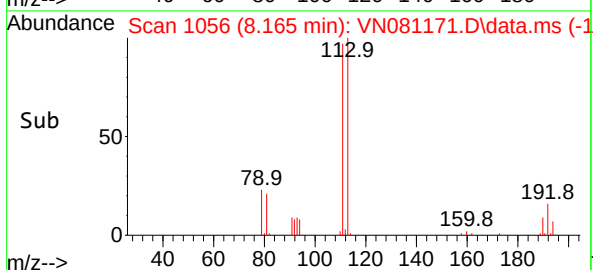
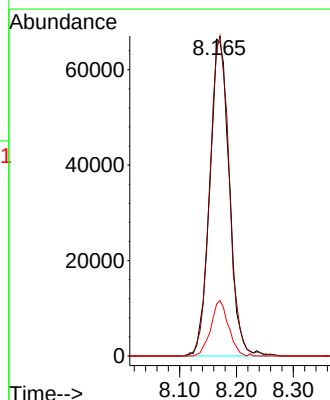
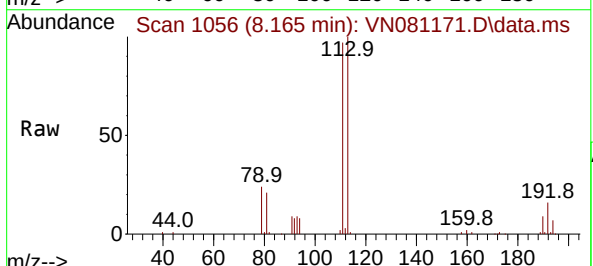
Tgt Ion:113 Resp: 158787

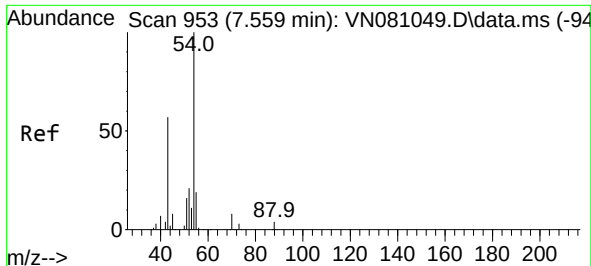
Ion Ratio Lower Upper

113 100

111 99.9 82.2 123.4

192 15.7 12.5 18.7

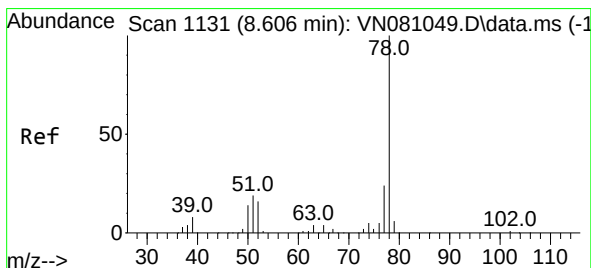
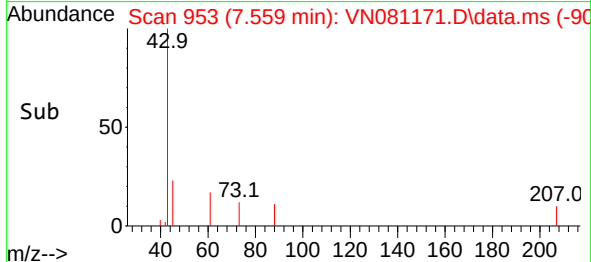
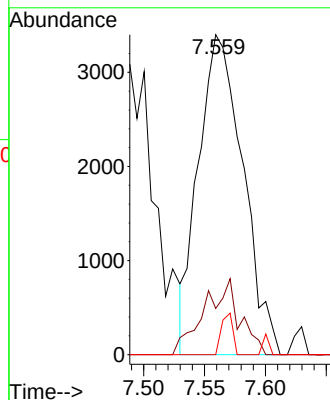
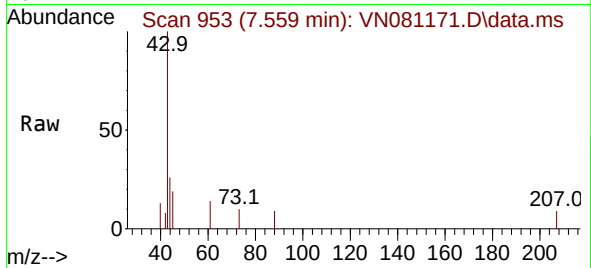




#37
Ethyl Acetate
Concen: 1.782 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

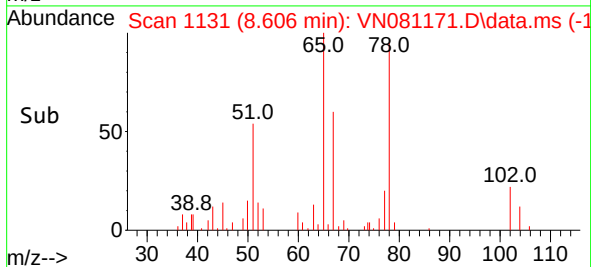
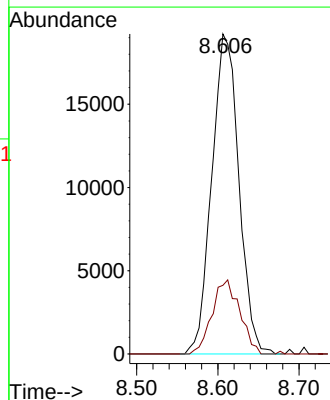
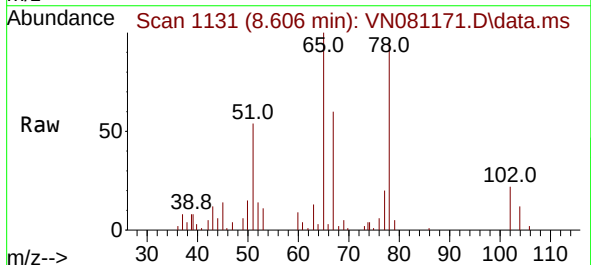
Instrument :
MSVOA_N
ClientSampleId :
SB-1

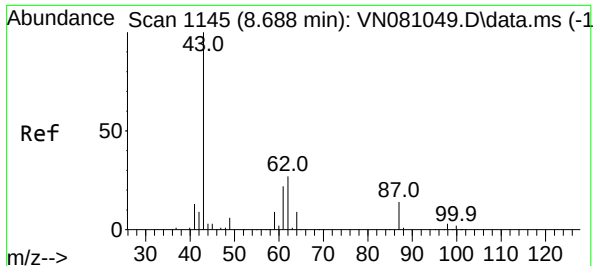
Tgt Ion: 43 Resp: 8623
Ion Ratio Lower Upper
43 100
61 19.1 10.6 15.8#
70 3.3 8.0 12.0#



#40
Benzene
Concen: 2.871 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 78 Resp: 44552
Ion Ratio Lower Upper
78 100
77 21.4 20.4 30.6





#43

Isopropyl Acetate

Concen: 74.330 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN081171.D

Acq: 23 Feb 2024 20:09

Instrument :

MSVOA_N

ClientSampleId :

SB-1

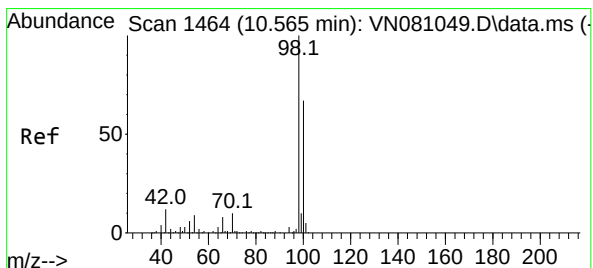
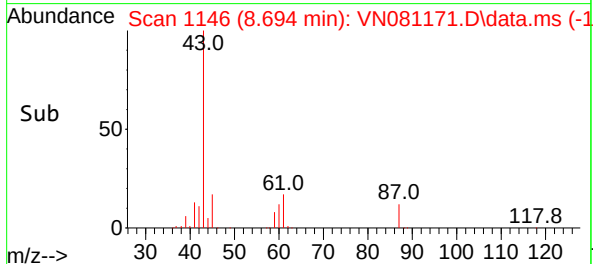
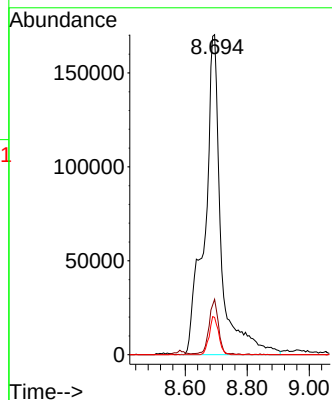
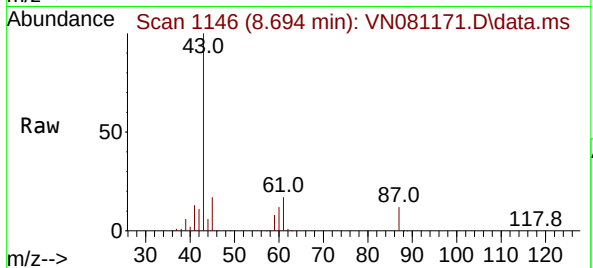
Tgt Ion: 43 Resp: 629000

Ion Ratio Lower Upper

43 100

61 9.9 19.9 29.9#

87 6.8 9.0 13.6#



#50

Toluene-d8

Concen: 46.921 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081171.D

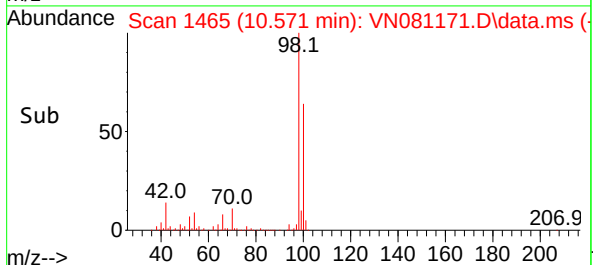
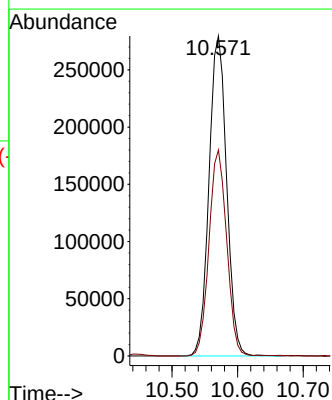
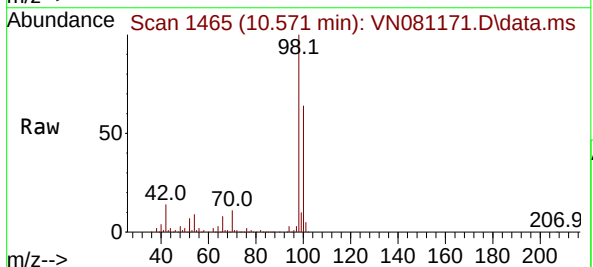
Acq: 23 Feb 2024 20:09

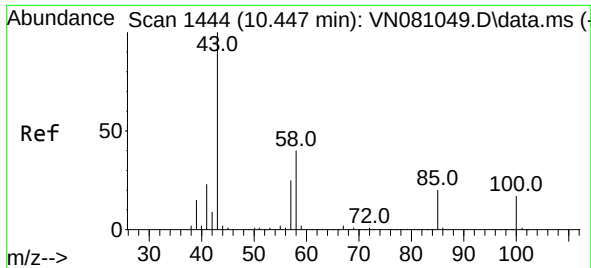
Tgt Ion: 98 Resp: 521505

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

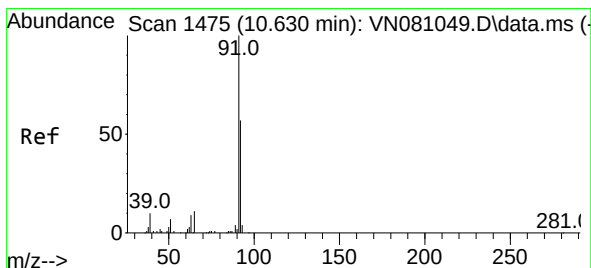
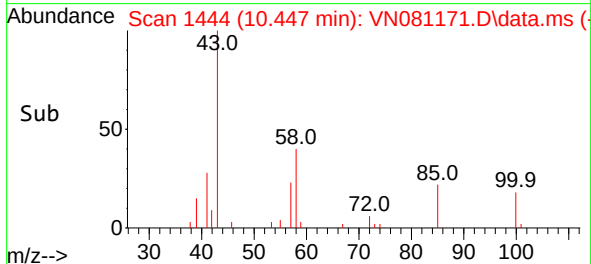
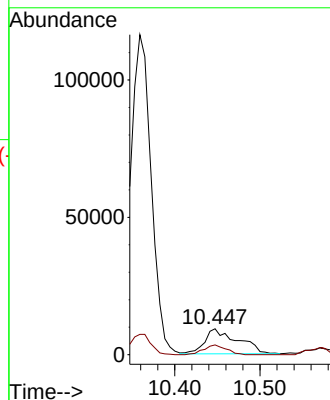
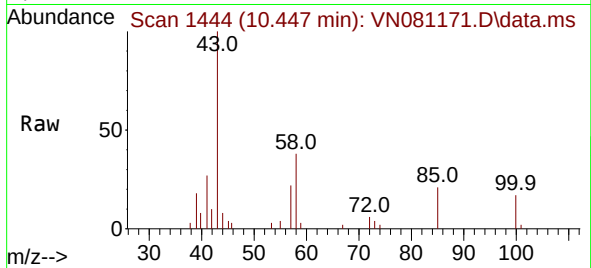




#51
4-Methyl-2-Pentanone
Concen: 5.068 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

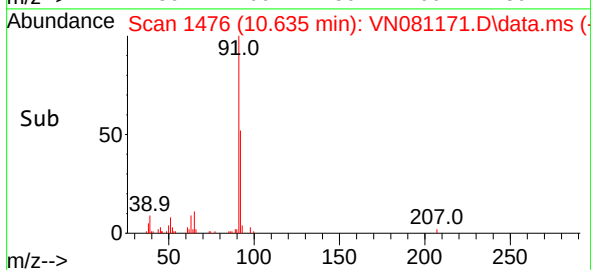
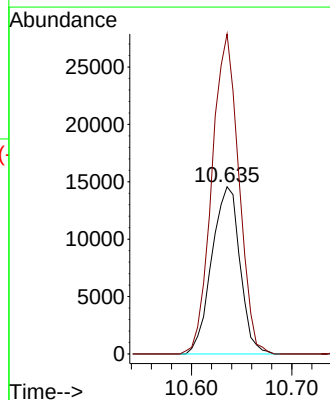
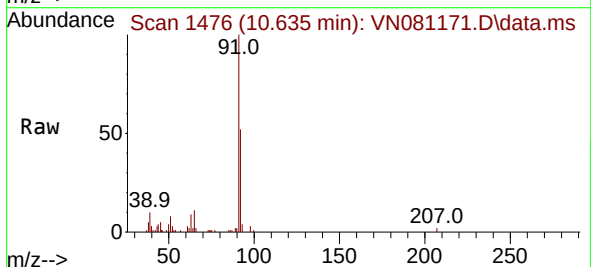
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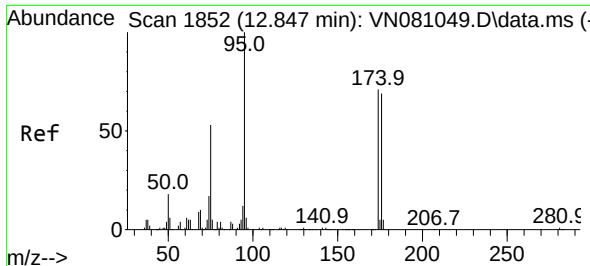
Tgt Ion: 43 Resp: 24669
Ion Ratio Lower Upper
43 100
58 26.4 29.4 44.0#



#52
Toluene
Concen: 2.890 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 92 Resp: 28389
Ion Ratio Lower Upper
92 100
91 183.1 139.4 209.0

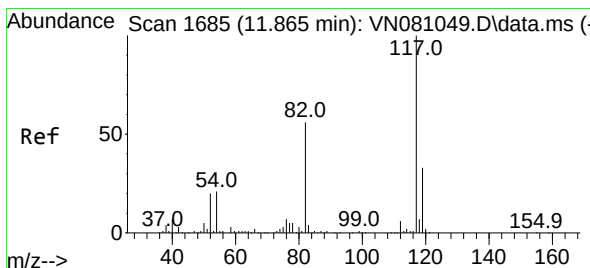
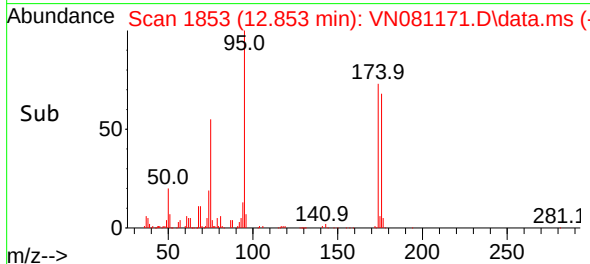
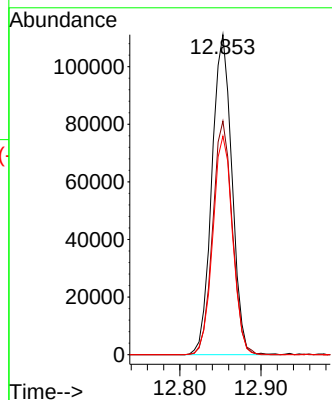
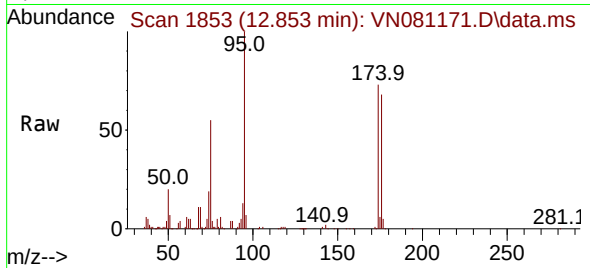




#62
4-Bromofluorobenzene
Concen: 45.520 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

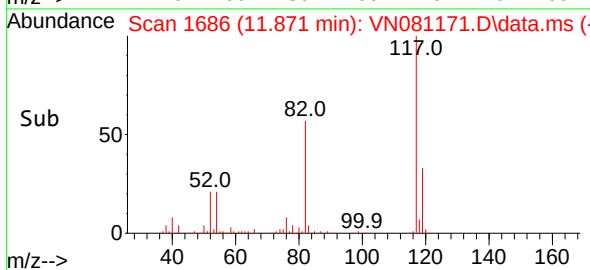
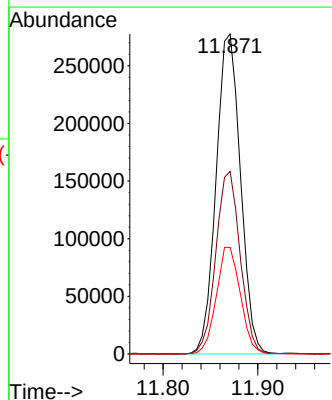
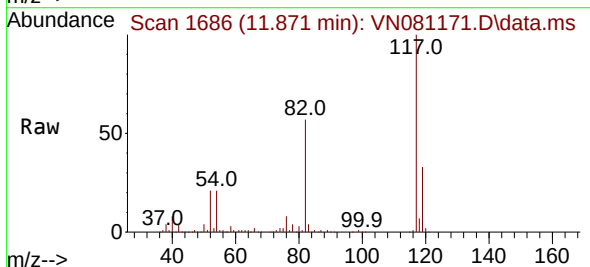
Instrument :
MSVOA_N
ClientSampleId :
SB-1

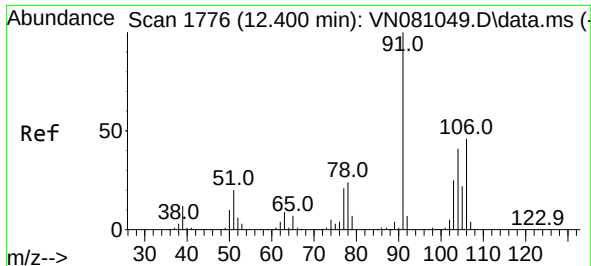
Tgt Ion: 95 Resp: 190104
Ion Ratio Lower Upper
95 100
174 71.7 0.0 120.4
176 67.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion: 117 Resp: 497504
Ion Ratio Lower Upper
117 100
82 57.1 52.7 79.1
119 33.3 25.3 37.9

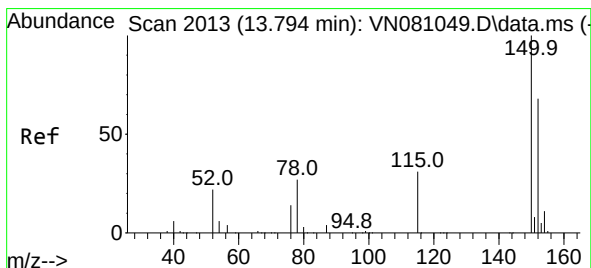
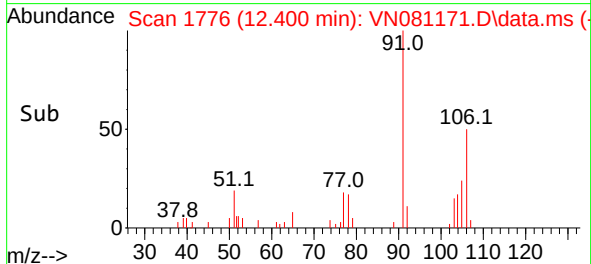
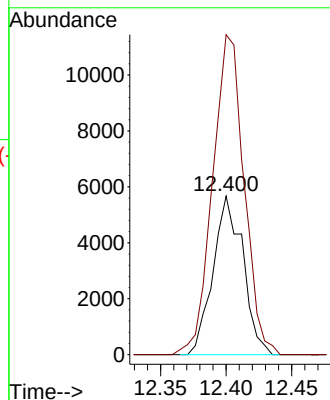
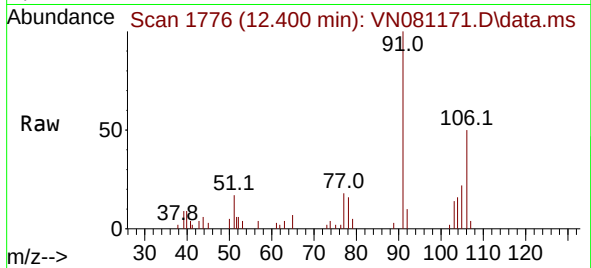




#69
o-Xylene
Concen: 1.228 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

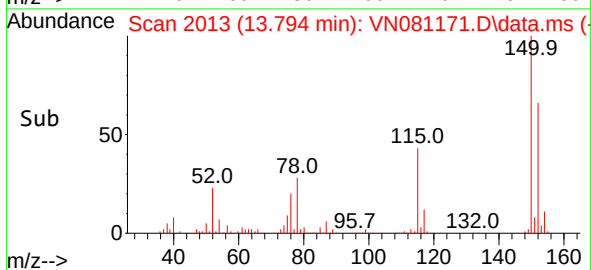
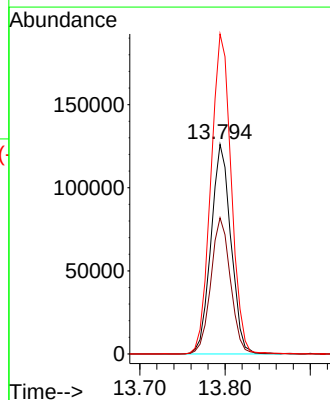
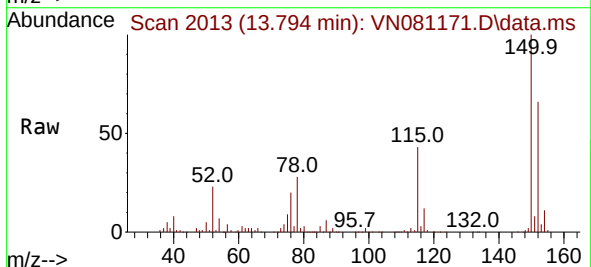
Instrument :
MSVOA_N
ClientSampleId :
SB-1

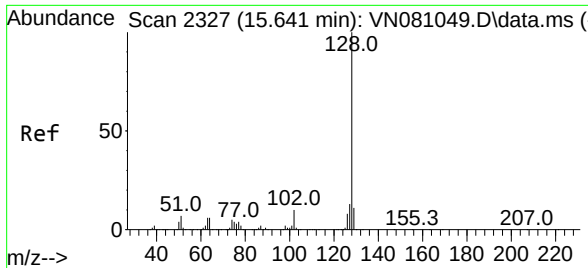
Tgt Ion:106 Resp: 8992
Ion Ratio Lower Upper
106 100
91 212.2 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081171.D
Acq: 23 Feb 2024 20:09

Tgt Ion:152 Resp: 204775
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 155.9 0.0 339.8





#95
 Naphthalene
 Concen: 19.879 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN081171.D
 Acq: 23 Feb 2024 20:09

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Tgt Ion:	128	Resp:	295859
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.0	15.0
129	11.4	8.7	13.1

