

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078111.D
 Acq On : 07 Jun 2023 18:15
 Operator : JC\MD
 Sample : 03046-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1-1-5

Quant Time: Jun 08 05:29:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

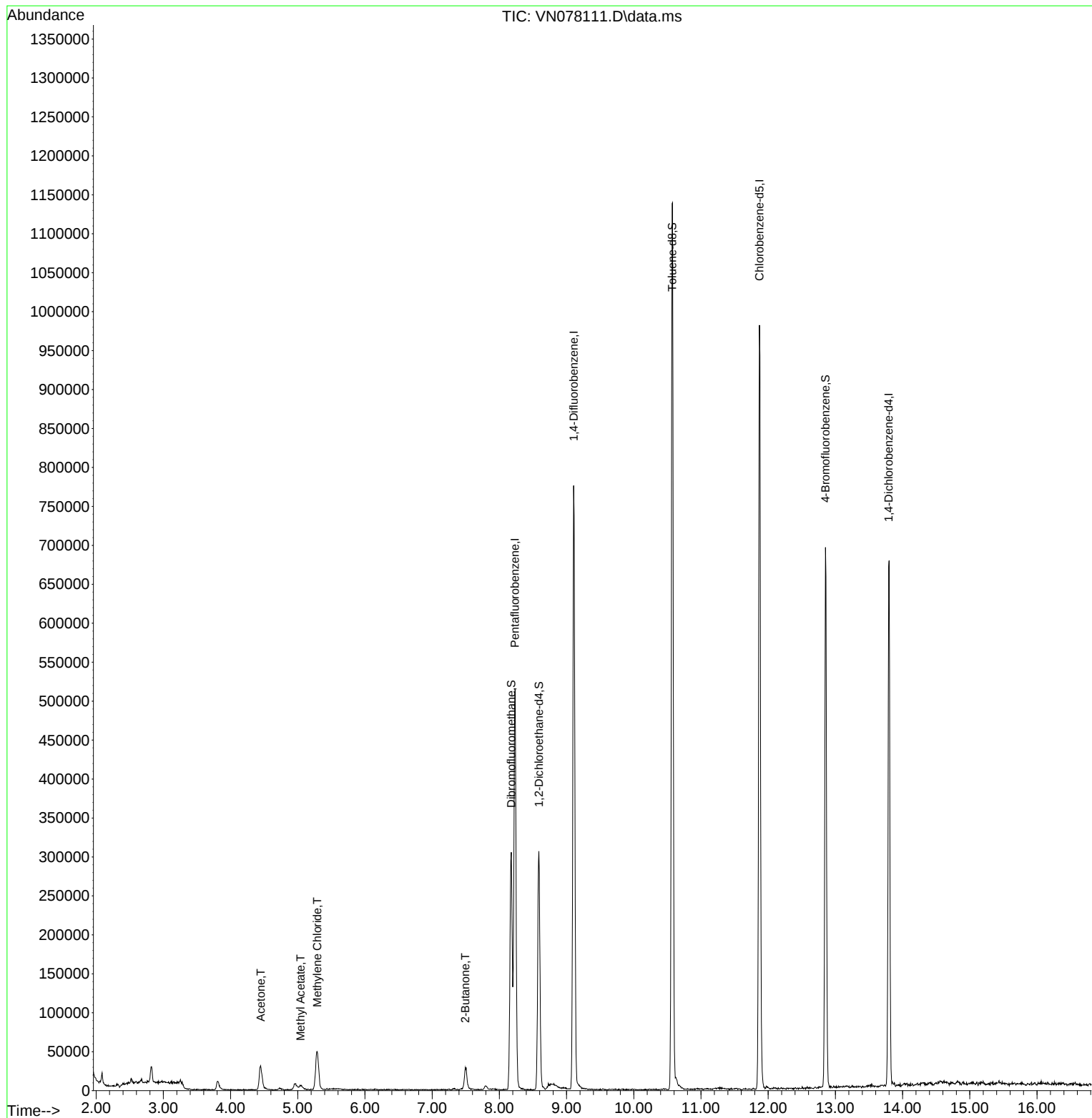
Internal Standards						
1) Pentafluorobenzene	8.229	168	374576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	695502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	618239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257399	51.539	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.080%
35) Dibromofluoromethane	8.177	113	224488	51.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	10.571	98	848873	50.072	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.853	95	255969	48.568	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.140%
Target Compounds						
						Qvalue
16) Acetone	4.447	43	58749	40.868	ug/l	89
18) Methyl Acetate	5.041	43	11397	1.722	ug/l #	64
20) Methylene Chloride	5.289	84	39238	8.260	ug/l	91
25) 2-Butanone	7.494	43	47887	21.662	ug/l #	85

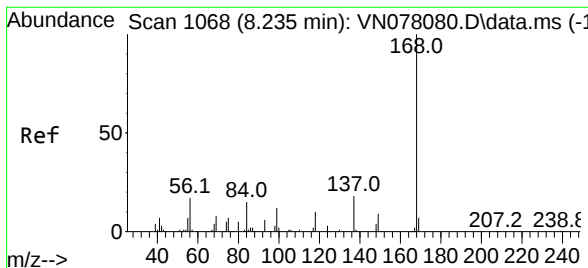
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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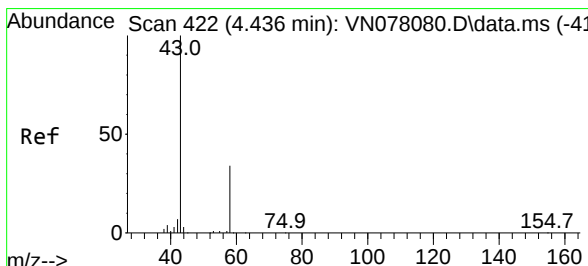
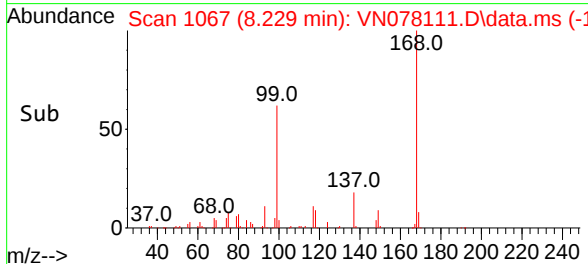
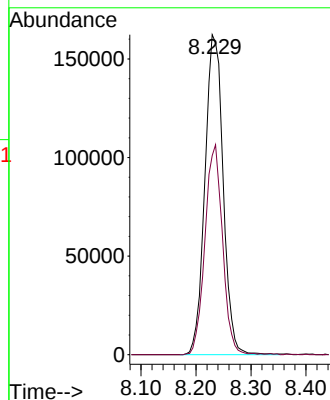
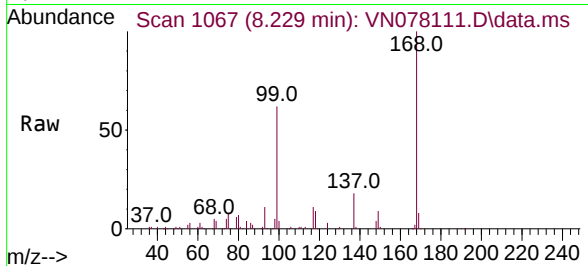




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

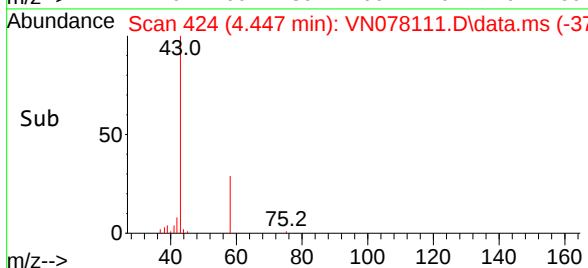
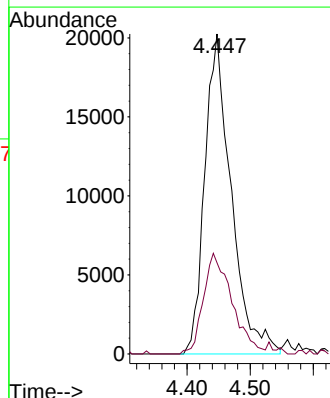
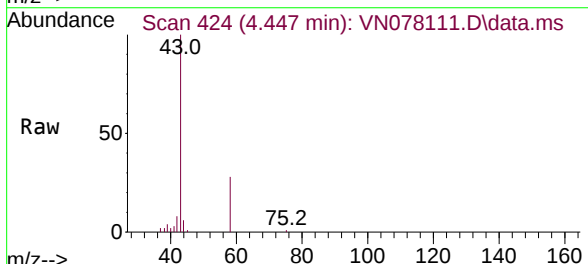
Instrument :
MSVOA_N
ClientSampleId :
COMP-1-1-5

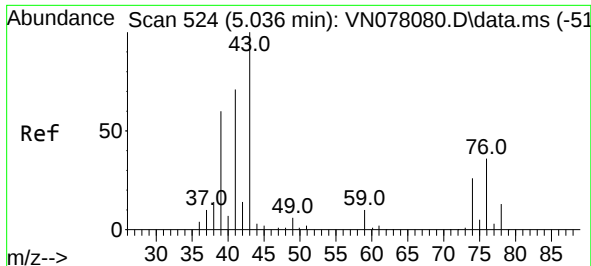
Tgt Ion:168 Resp: 374576
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#16
Acetone
Concen: 40.868 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

Tgt Ion: 43 Resp: 58749
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0

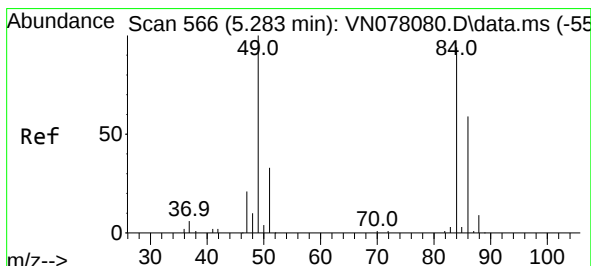
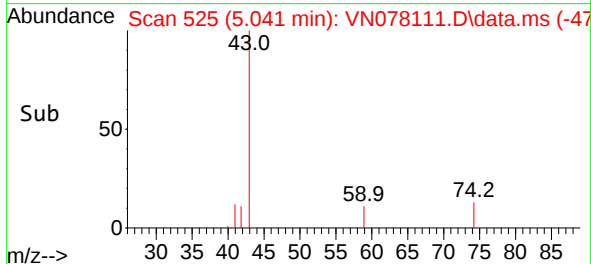
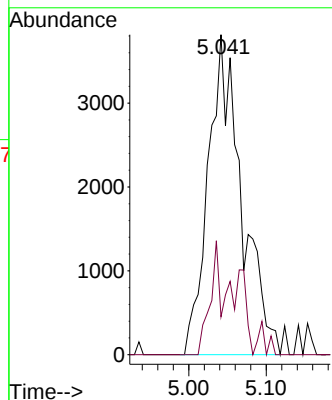
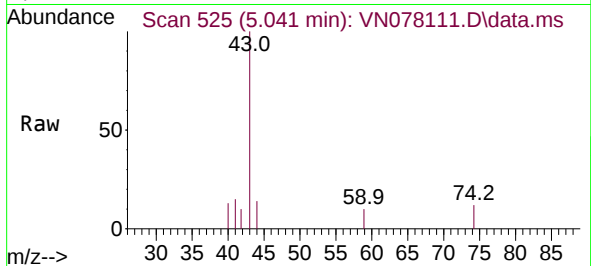




#18
Methyl Acetate
Concen: 1.722 ug/l
RT: 5.041 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

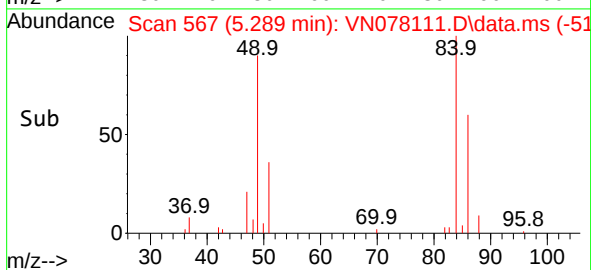
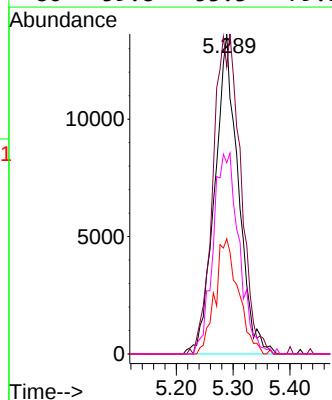
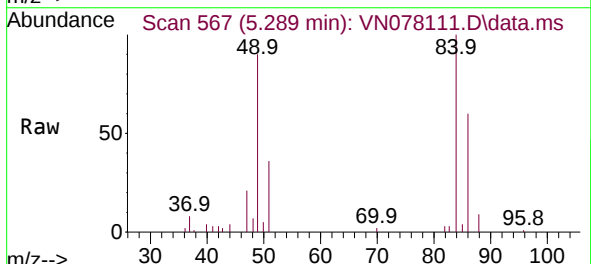
Instrument :
MSVOA_N
ClientSampleId :
COMP-1-1-5

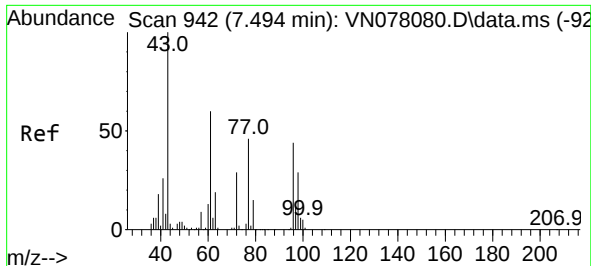
Tgt Ion: 43 Resp: 11397
Ion Ratio Lower Upper
43 100
74 12.4 26.2 39.4#



#20
Methylene Chloride
Concen: 8.260 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

Tgt Ion: 84 Resp: 39238
Ion Ratio Lower Upper
84 100
49 89.8 79.7 119.5
51 36.0 25.2 37.8
86 59.8 53.3 79.9

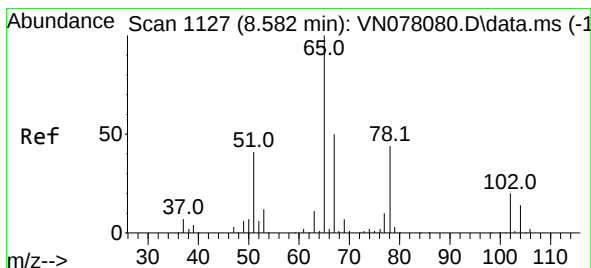
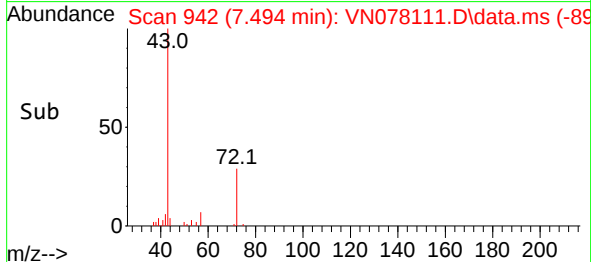
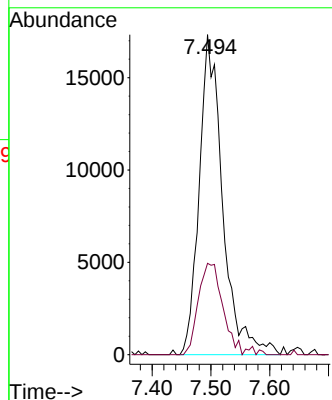
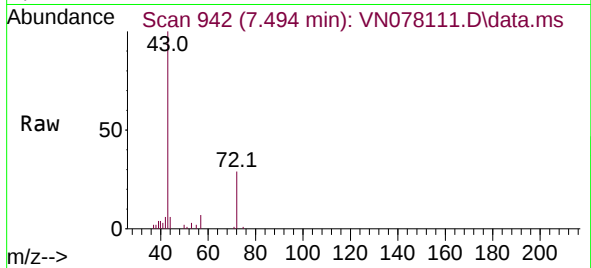




#25
2-Butanone
Concen: 21.662 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

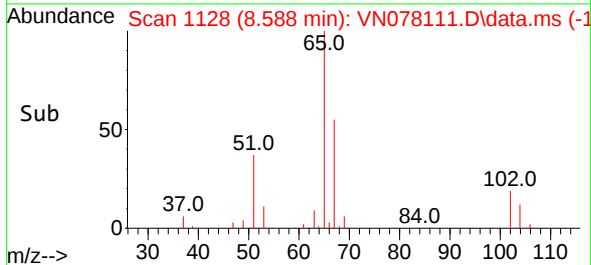
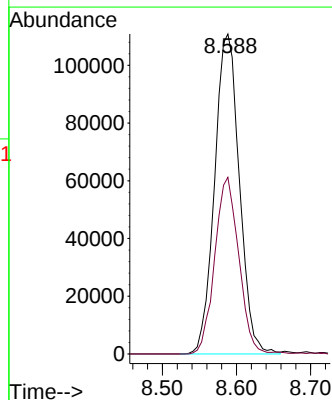
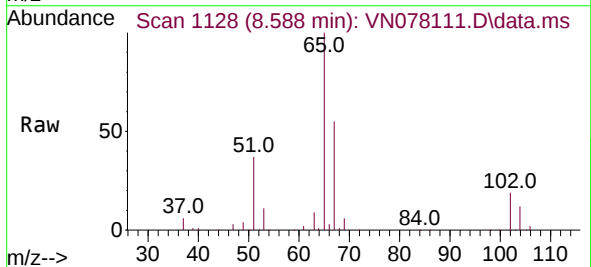
Instrument :
MSVOA_N
ClientSampleId :
COMP-1-1-5

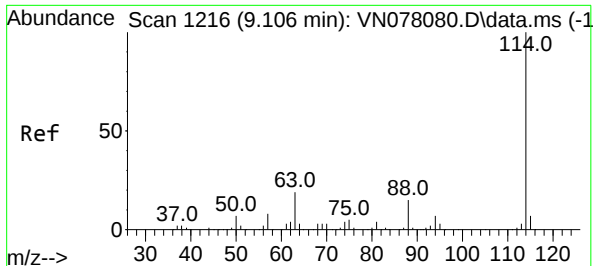
Tgt Ion: 43 Resp: 47887
Ion Ratio Lower Upper
43 100
72 28.6 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 51.539 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

Tgt Ion: 65 Resp: 257399
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078111.D

Acq: 07 Jun 2023 18:15

Instrument :

MSVOA_N

ClientSampleId :

COMP-1-1-5

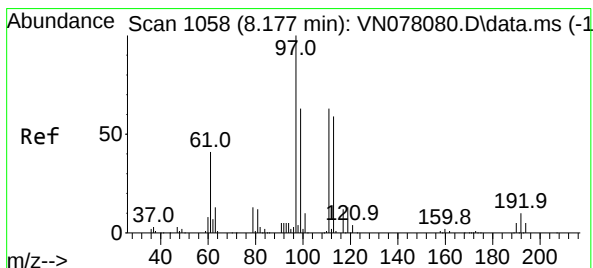
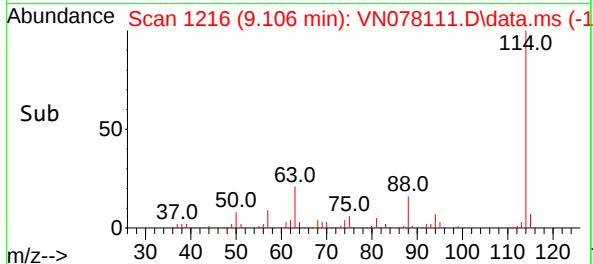
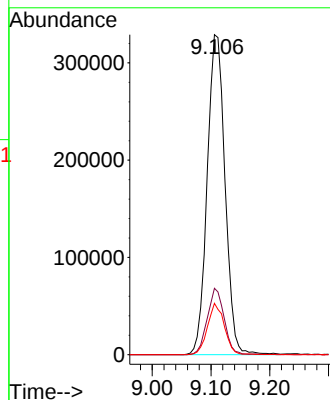
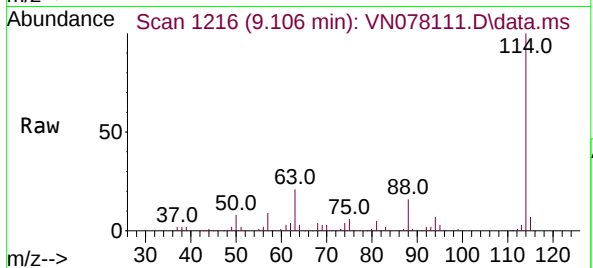
Tgt Ion:114 Resp: 695502

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.048 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078111.D

Acq: 07 Jun 2023 18:15

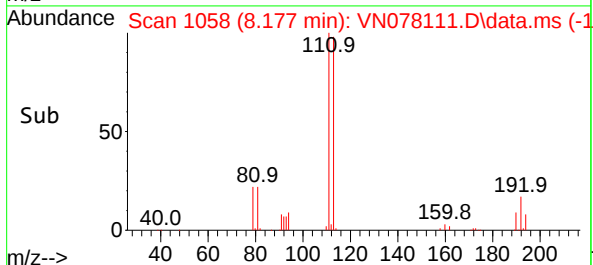
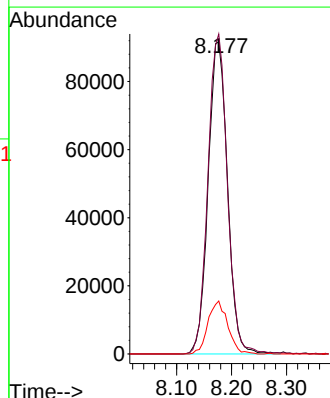
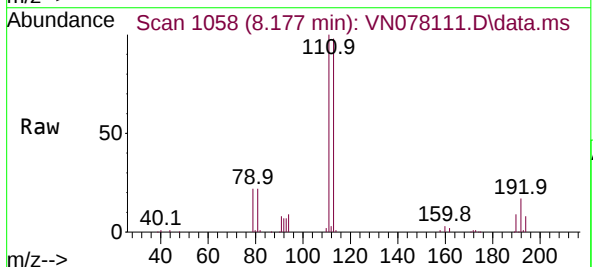
Tgt Ion:113 Resp: 224488

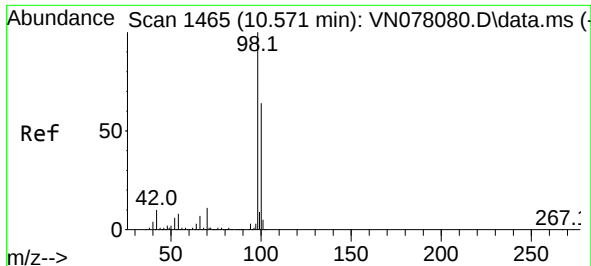
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.3 12.7 19.1

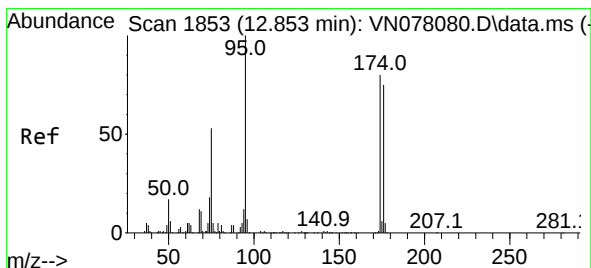
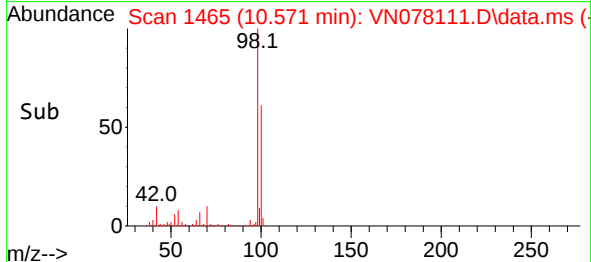
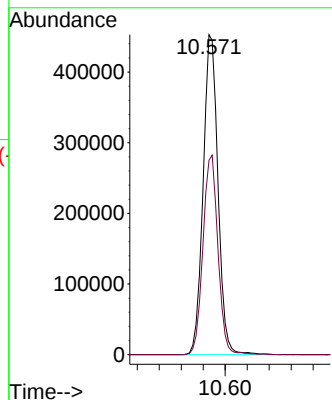
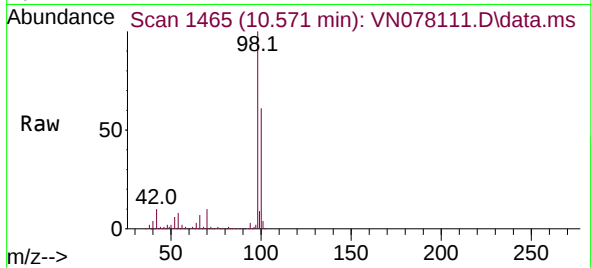




#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

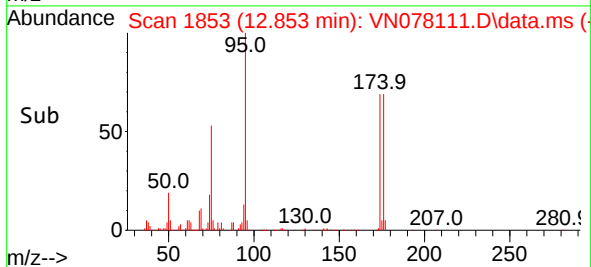
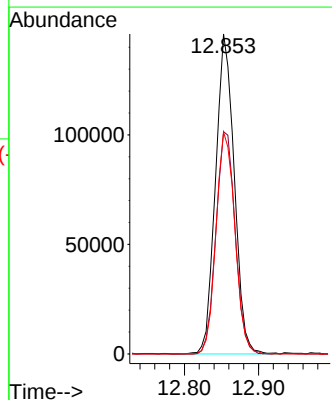
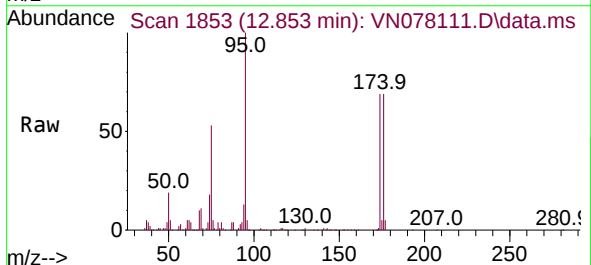
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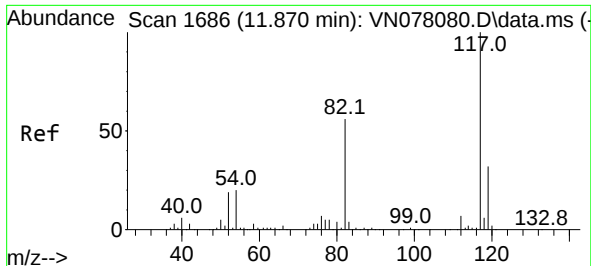
Tgt Ion: 98 Resp: 848873
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.568 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

Tgt Ion: 95 Resp: 255969
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.8
176 70.0 0.0 135.8

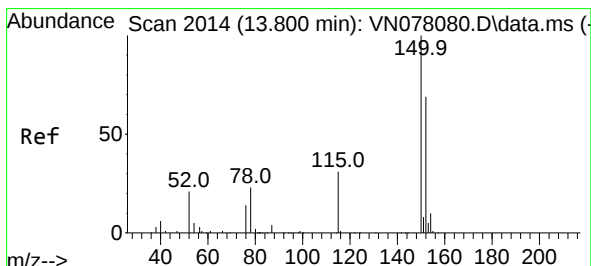
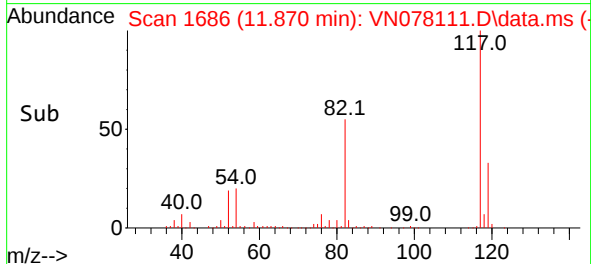
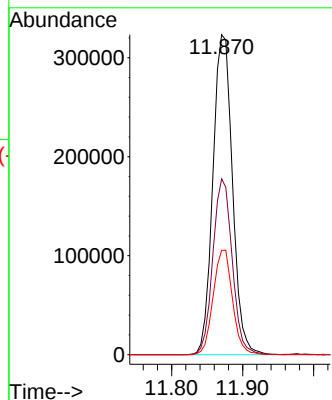
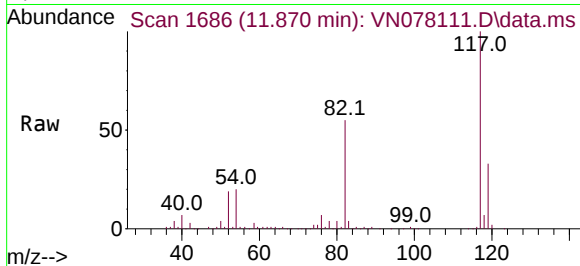




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

Instrument :
MSVOA_N
ClientSampleId :
COMP-1-1-5

Tgt Ion:117 Resp: 618239
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078111.D
Acq: 07 Jun 2023 18:15

Tgt Ion:152 Resp: 188317
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 158.6 0.0 355.8

