

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078527.D
 Acq On : 14 Jul 2023 17:13
 Operator : JC\MD
 Sample : 03635-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-071423

Quant Time: Jul 15 04:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

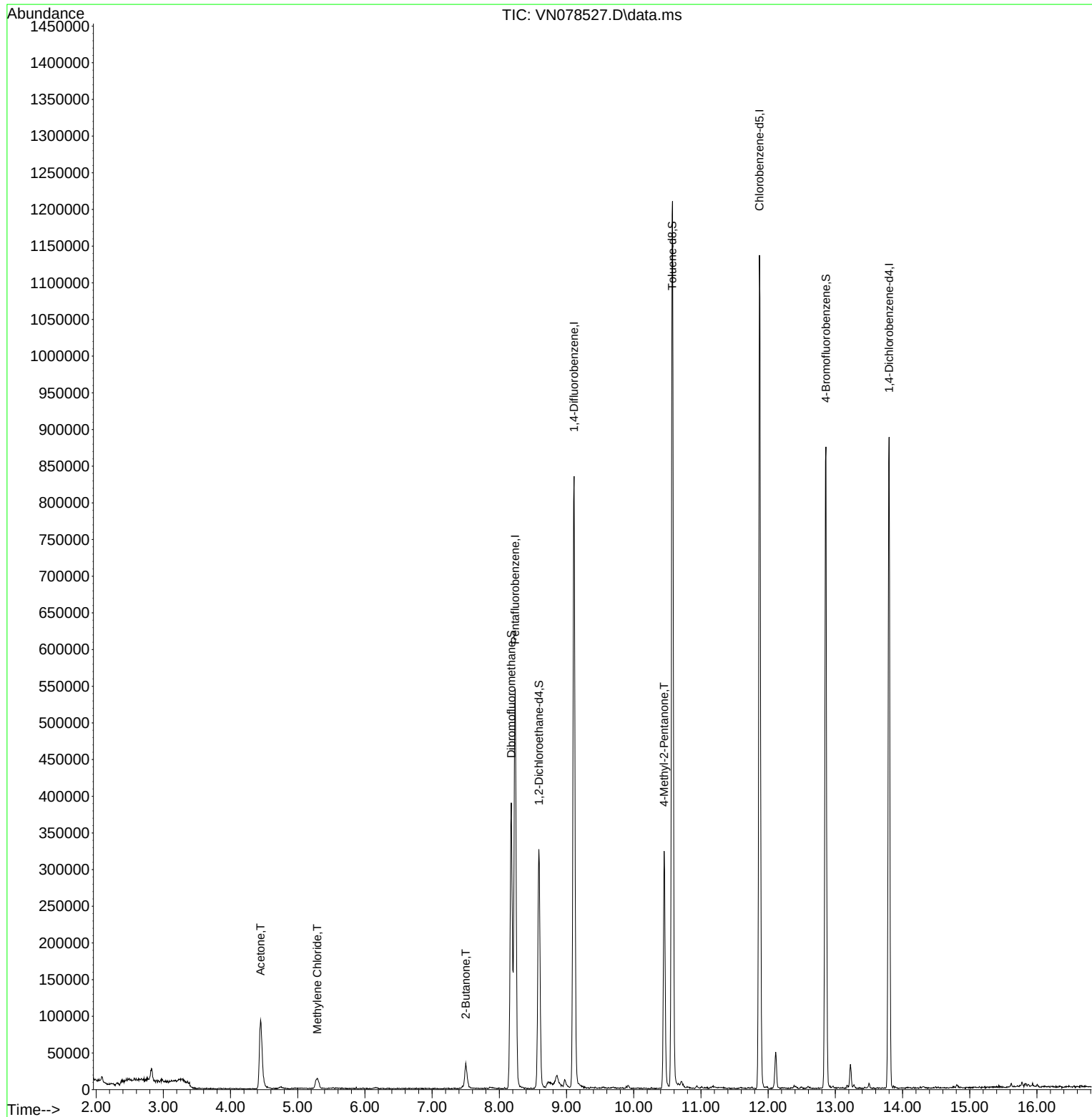
Internal Standards						
1) Pentafluorobenzene	8.236	168	395440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	732547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	681114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	271051	51.129	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.260%			
35) Dibromofluoromethane	8.177	113	271875	54.673	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.340%			
50) Toluene-d8	10.571	98	870031	46.314	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.620%			
62) 4-Bromofluorobenzene	12.859	95	298680	51.618	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.240%			
Target Compounds					Qvalue	
16) Acetone	4.448	43	173436	105.027	ug/l	99
20) Methylene Chloride	5.289	84	13267	1.618	ug/l	90
25) 2-Butanone	7.500	43	51342	19.751	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	209061	35.667	ug/l	91

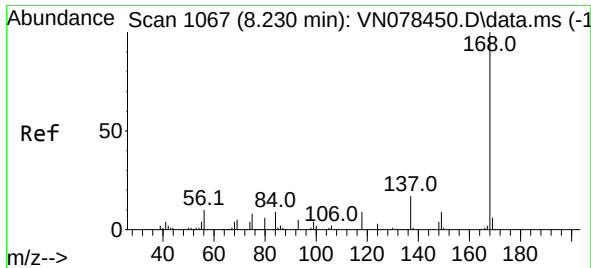
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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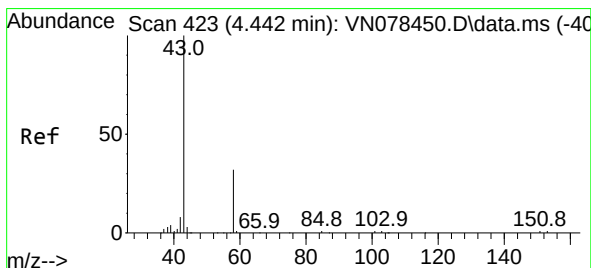
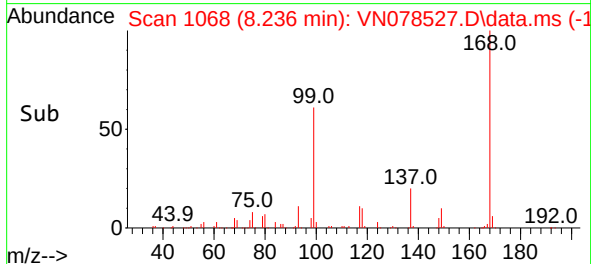
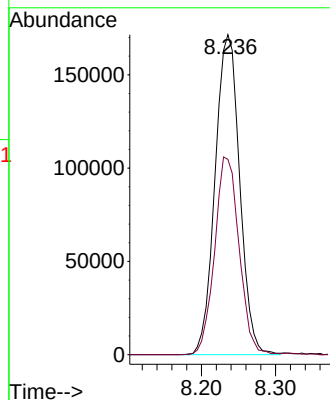
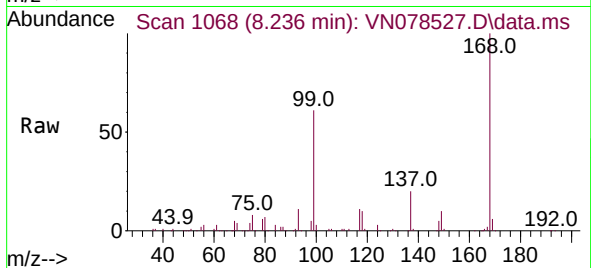




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078527.D
Acq: 14 Jul 2023 17:13

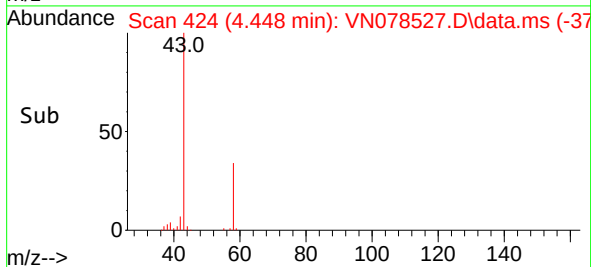
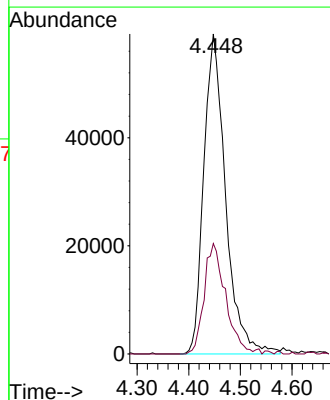
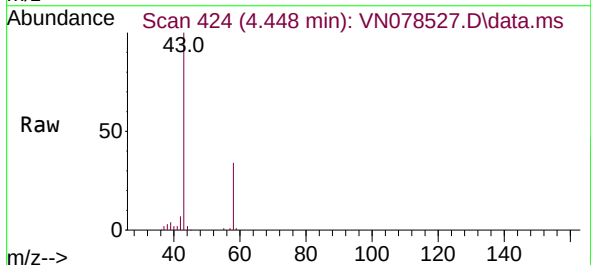
Instrument :
MSVOA_N
ClientSampleId :
TB-01-071423

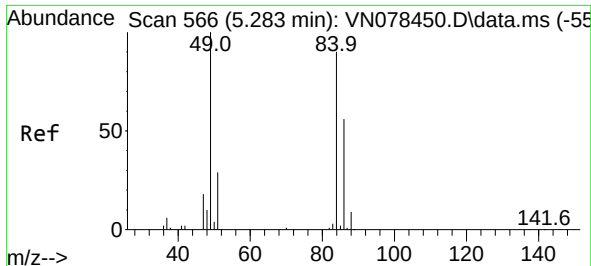
Tgt Ion:168 Resp: 395440
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#16
Acetone
Concen: 105.027 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078527.D
Acq: 14 Jul 2023 17:13

Tgt Ion: 43 Resp: 173436
Ion Ratio Lower Upper
43 100
58 34.5 28.0 42.0

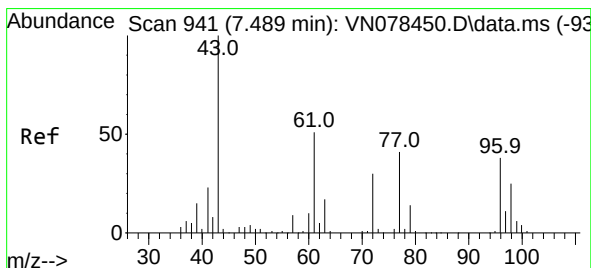
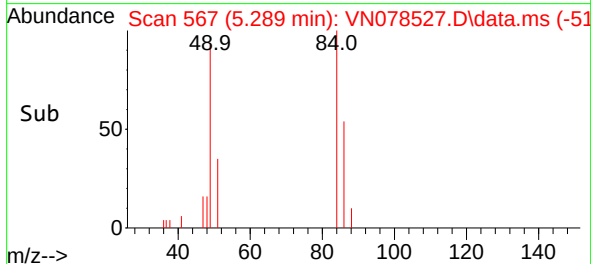
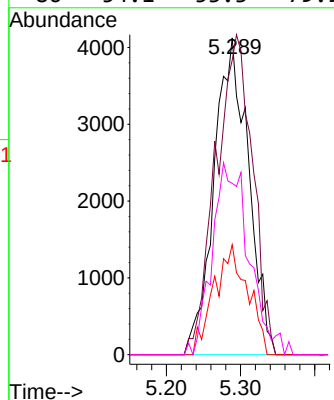
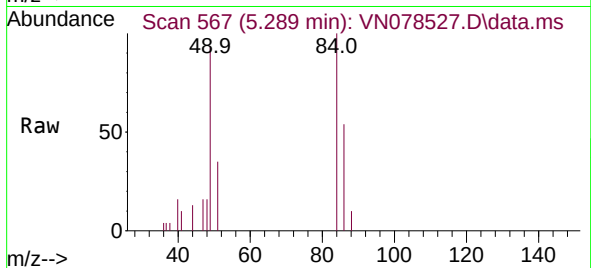




#20
Methylene Chloride
Concen: 1.618 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078527.D
Acq: 14 Jul 2023 17:13

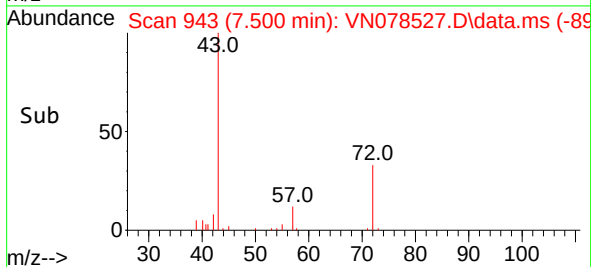
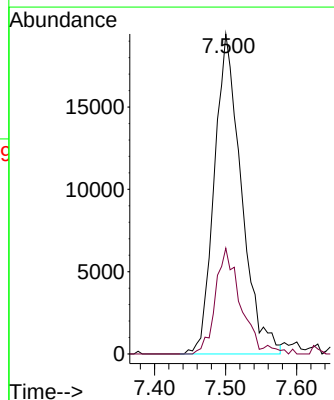
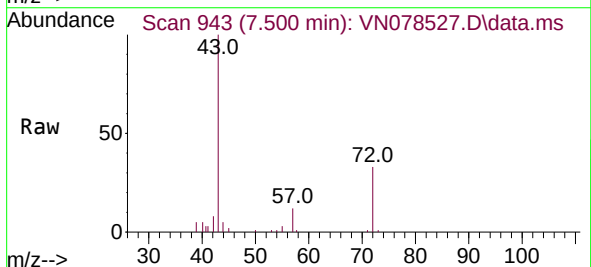
Instrument :
MSVOA_N
ClientSampleId :
TB-01-071423

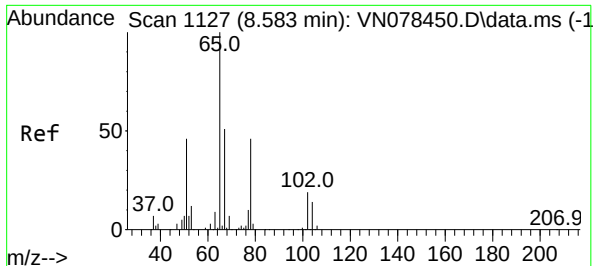
Tgt Ion:	84	Resp:	13267
Ion	Ratio	Lower	Upper
84	100		
49	92.9	79.7	119.5
51	34.7	25.2	37.8
86	54.1	53.3	79.9



#25
2-Butanone
Concen: 19.751 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078527.D
Acq: 14 Jul 2023 17:13

Tgt Ion:	43	Resp:	51342
Ion	Ratio	Lower	Upper
43	100		
72	33.0	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 51.129 ug/l

RT: 8.588 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN078527.D

Acq: 14 Jul 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

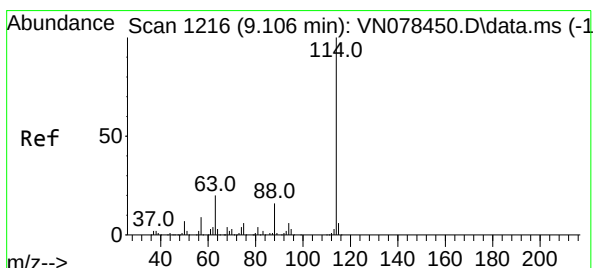
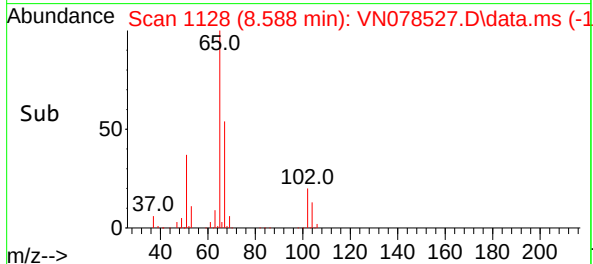
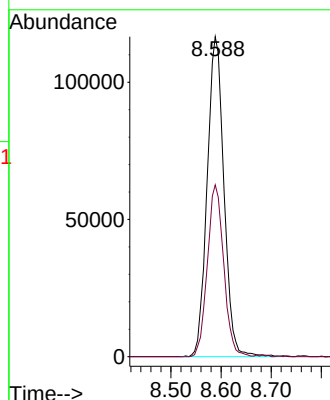
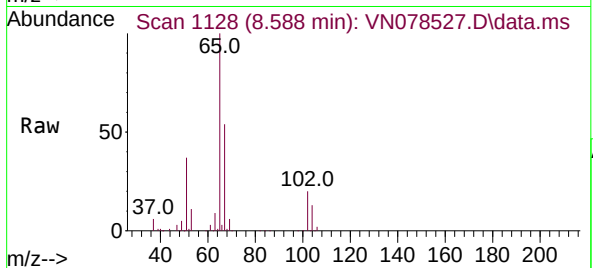
TB-01-071423

Tgt Ion: 65 Resp: 271051

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078527.D

Acq: 14 Jul 2023 17:13

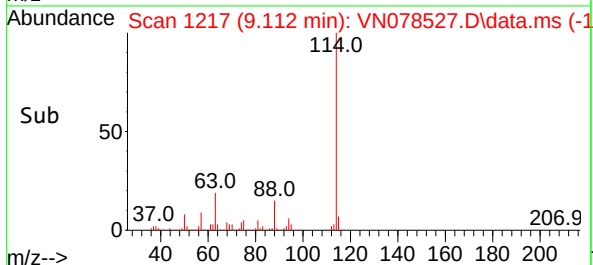
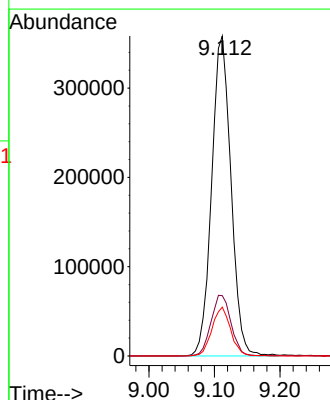
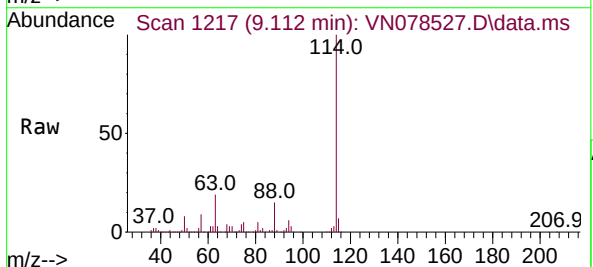
Tgt Ion: 114 Resp: 732547

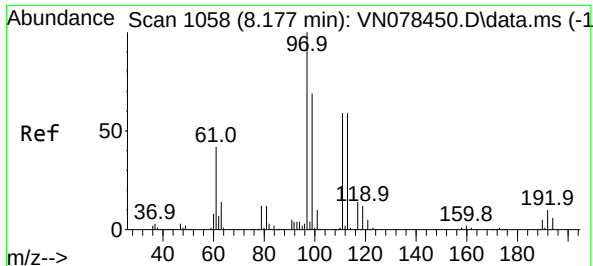
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.673 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078527.D

Acq: 14 Jul 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

TB-01-071423

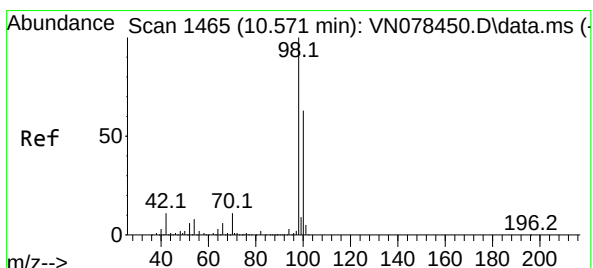
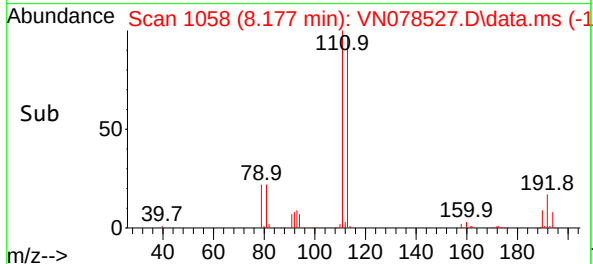
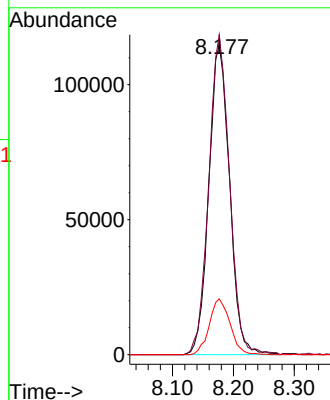
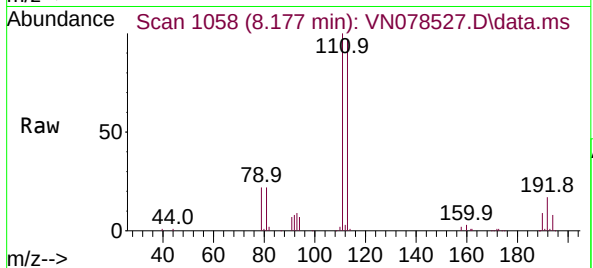
Tgt Ion:113 Resp: 271875

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 18.0 12.7 19.1



#50

Toluene-d8

Concen: 46.314 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078527.D

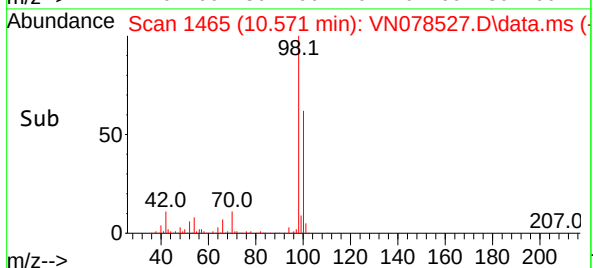
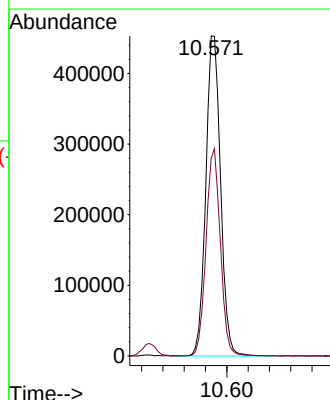
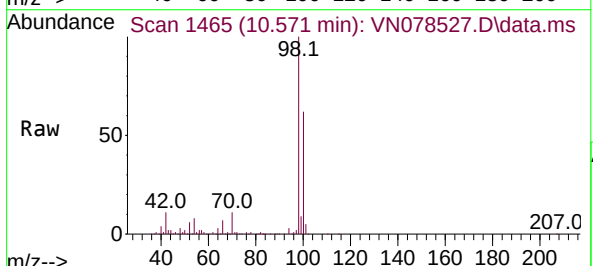
Acq: 14 Jul 2023 17:13

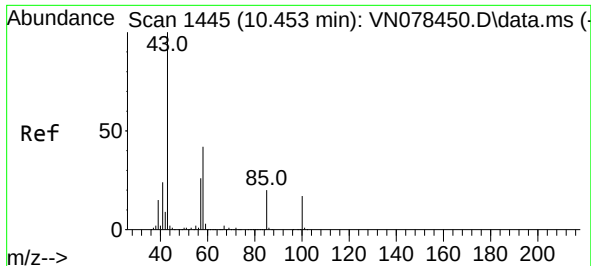
Tgt Ion: 98 Resp: 870031

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0

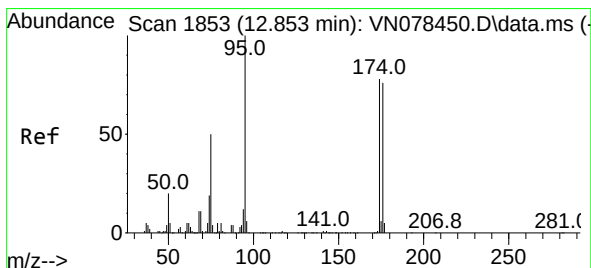
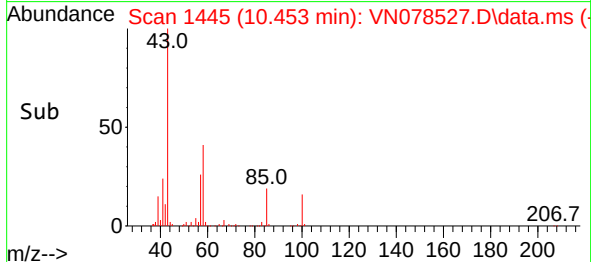
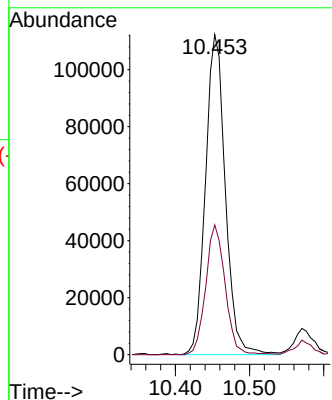
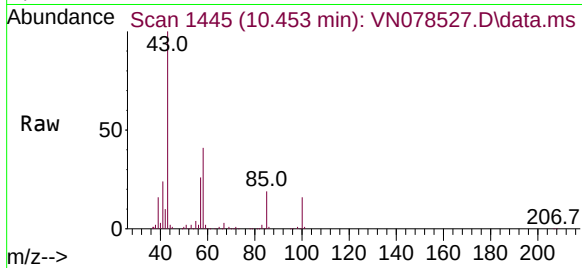




#51
4-Methyl-2-Pentanone
Concen: 35.667 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078527.D
Acq: 14 Jul 2023 17:13

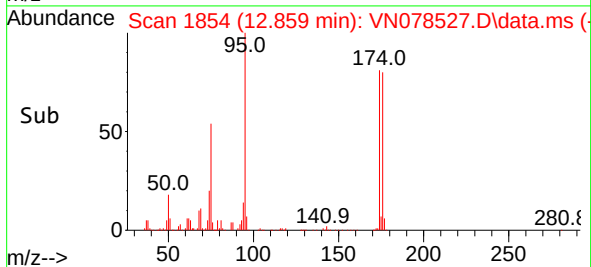
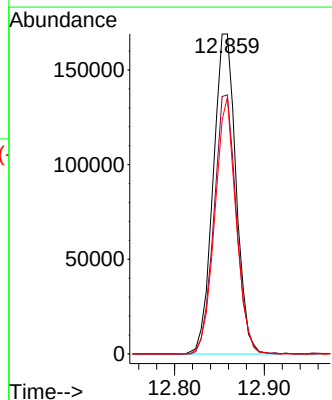
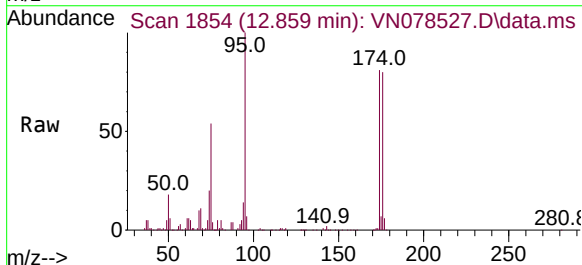
Instrument :
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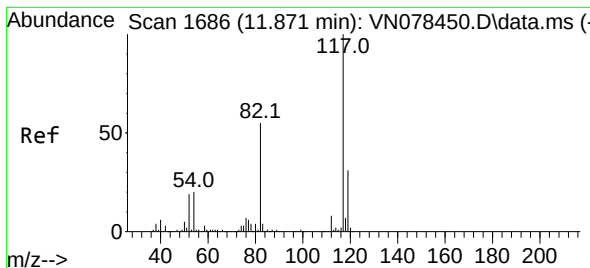
Tgt Ion: 43 Resp: 209061
Ion Ratio Lower Upper
43 100
58 39.7 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 51.618 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078527.D
Acq: 14 Jul 2023 17:13

Tgt Ion: 95 Resp: 298680
Ion Ratio Lower Upper
95 100
174 79.1 0.0 143.8
176 74.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078527.D

Acq: 14 Jul 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

TB-01-071423

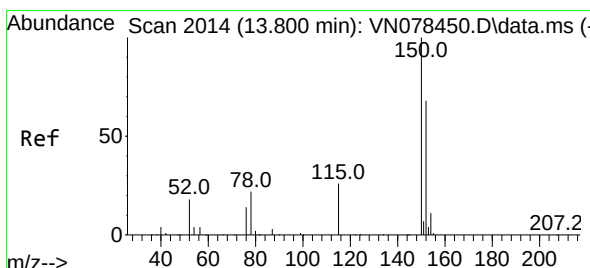
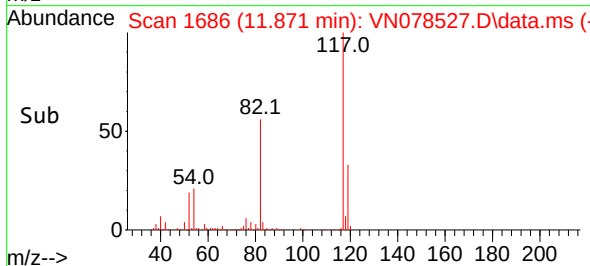
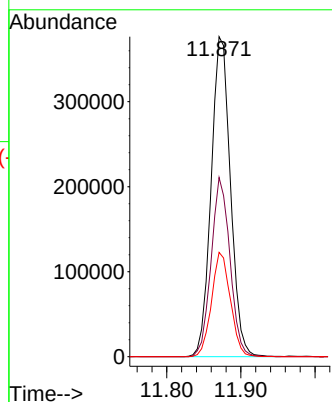
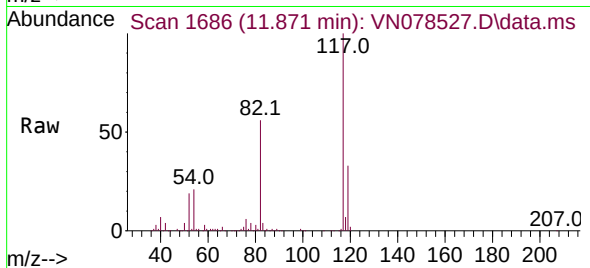
Tgt Ion:117 Resp: 681114

Ion Ratio Lower Upper

117 100

82 56.0 44.0 66.0

119 32.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078527.D

Acq: 14 Jul 2023 17:13

Tgt Ion:152 Resp: 242793

Ion Ratio Lower Upper

152 100

115 60.8 32.3 96.8

150 159.1 0.0 355.8

