

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079948.D
 Acq On : 07 Nov 2023 06:05
 Operator : JC\MD
 Sample : 05257-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2

Quant Time: Nov 07 06:55:44 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)

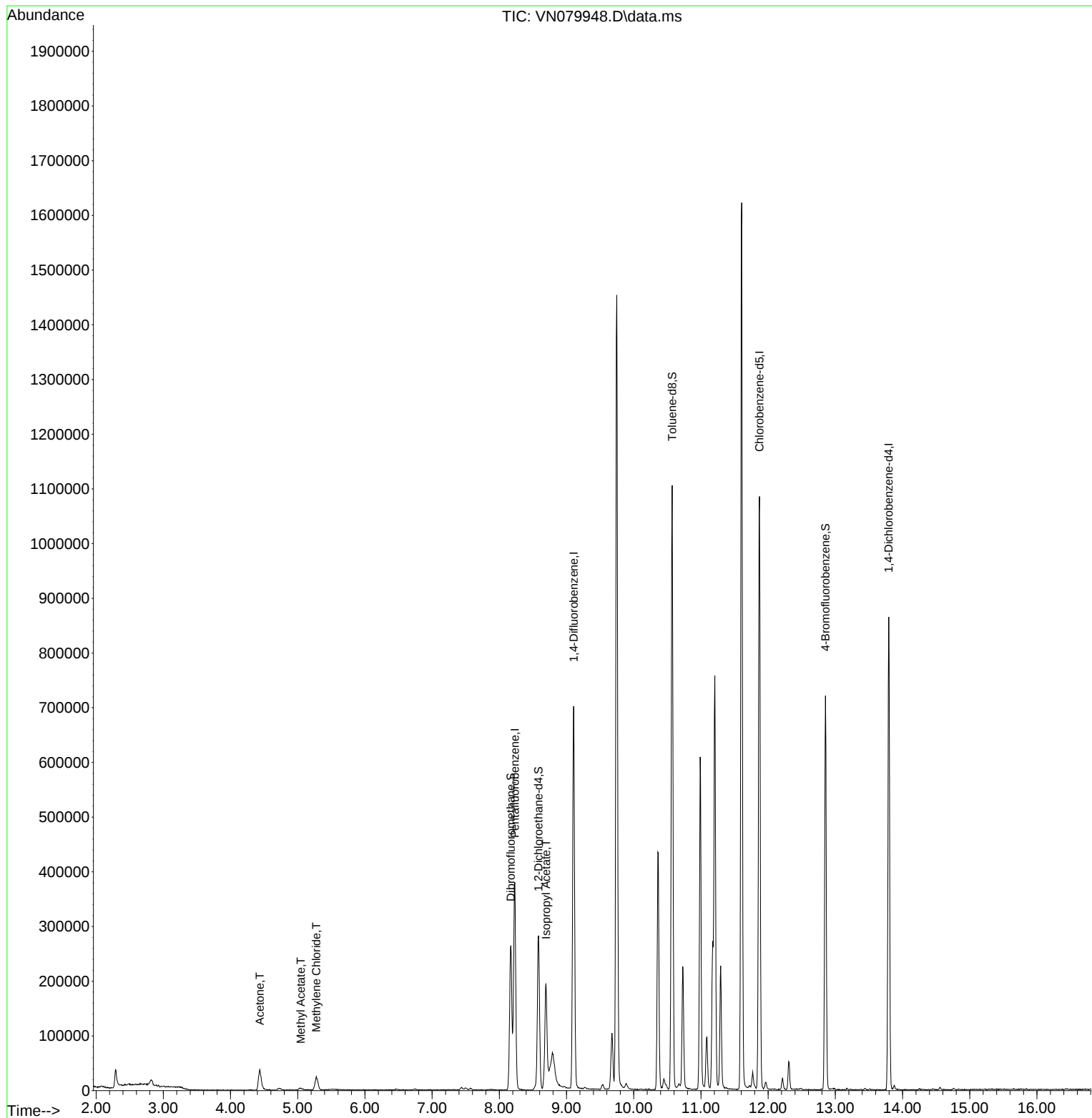
Internal Standards						
1) Pentafluorobenzene	8.230	168	266751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	610922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	234754	57.764	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.520%
35) Dibromofluoromethane	8.171	113	190116	47.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	10.571	98	720360	48.450	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.853	95	242372	49.153	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.300%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	71132	49.829	ug/l	97
18) Methyl Acetate	5.048	43	8025	1.175	ug/l #	69
20) Methylene Chloride	5.277	84	16682	4.631	ug/l #	79
43) Isopropyl Acetate	8.694	43	228739	24.662	ug/l #	77

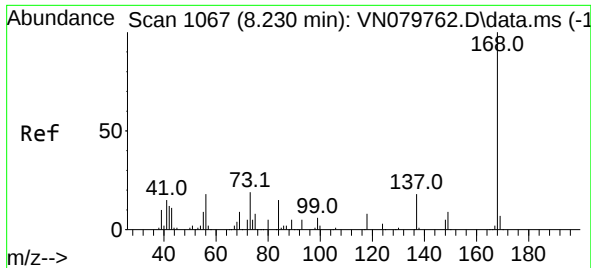
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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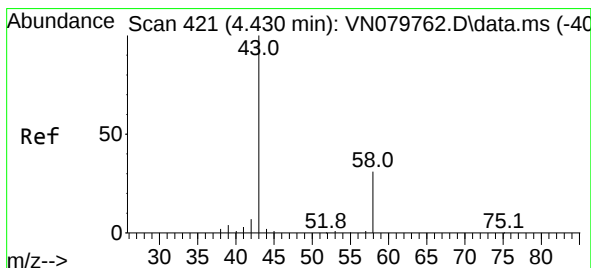
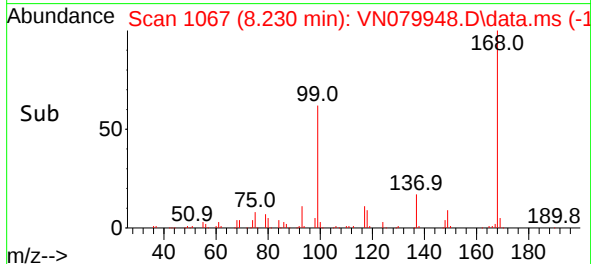
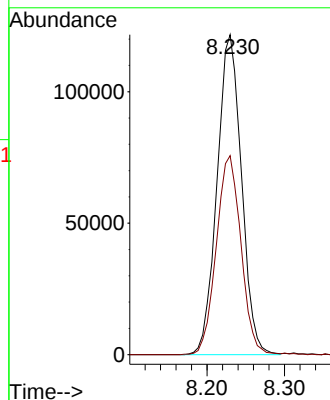
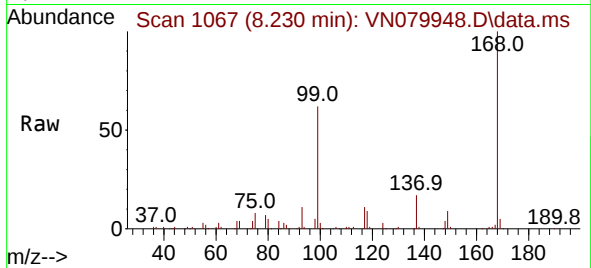




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN079948.D
Acq: 07 Nov 2023 06:05

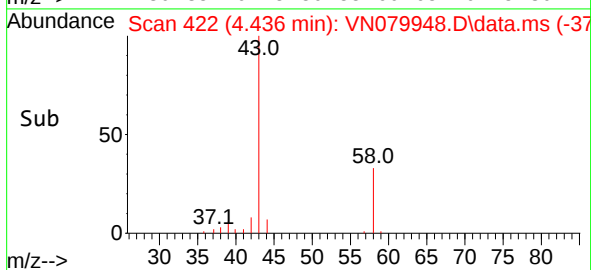
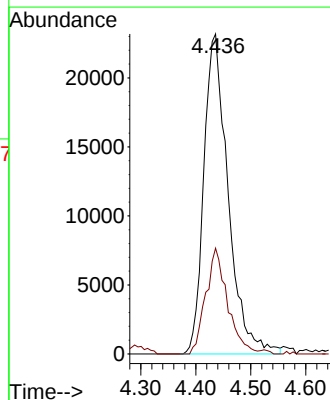
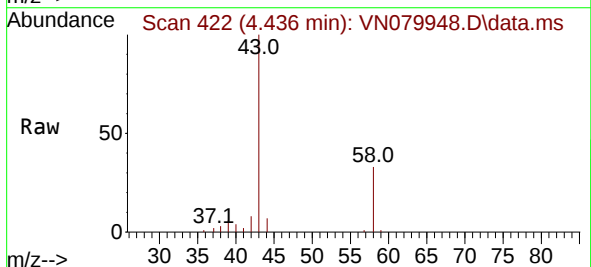
Instrument :
MSVOA_N
ClientSampleId :
WC-2

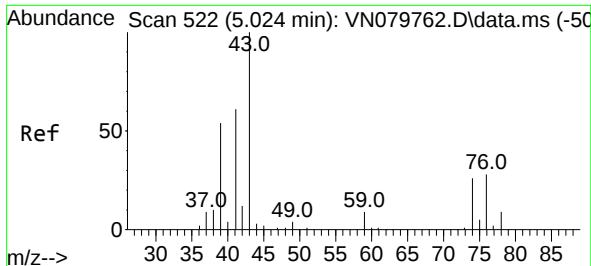
Tgt Ion:168 Resp: 266751
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#16
Acetone
Concen: 49.829 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079948.D
Acq: 07 Nov 2023 06:05

Tgt Ion: 43 Resp: 71132
Ion Ratio Lower Upper
43 100
58 33.0 28.0 42.0

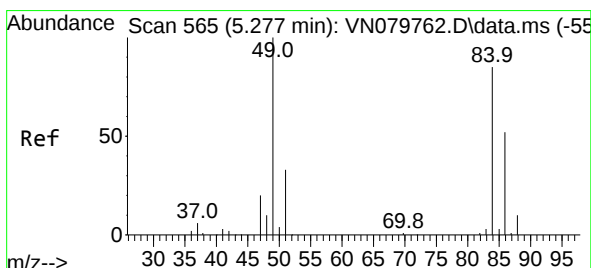
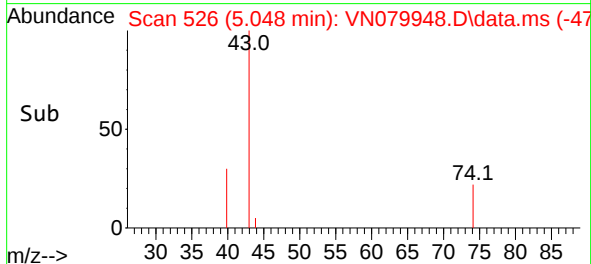
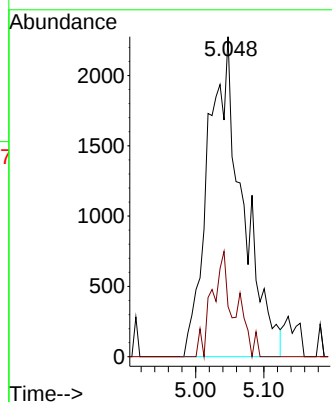
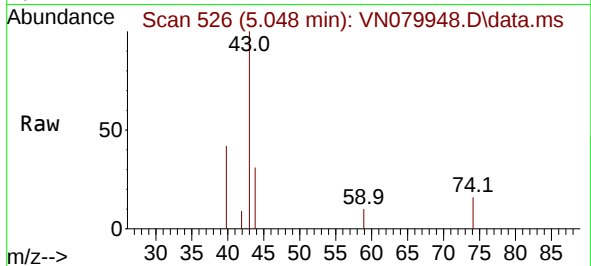




#18
Methyl Acetate
Concen: 1.175 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN079948.D
Acq: 07 Nov 2023 06:05

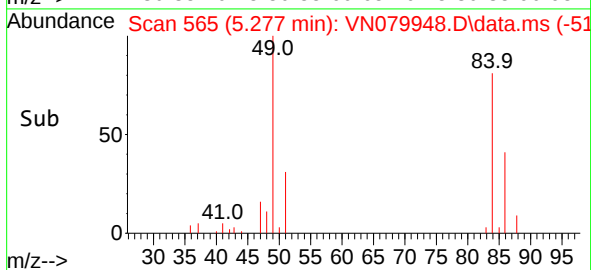
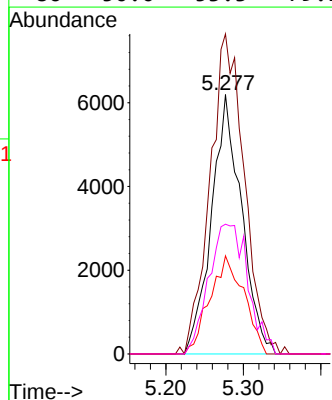
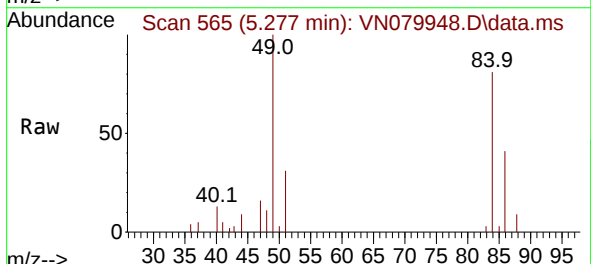
Instrument :
MSVOA_N
ClientSampleId :
WC-2

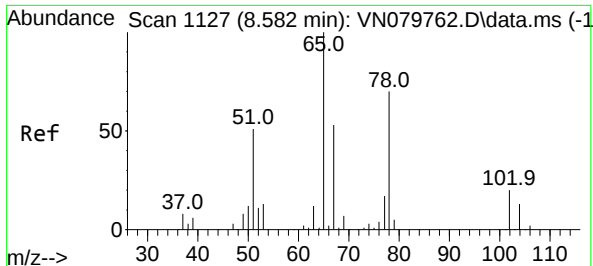
Tgt Ion: 43 Resp: 8025
Ion Ratio Lower Upper
43 100
74 15.4 26.2 39.4#



#20
Methylene Chloride
Concen: 4.631 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079948.D
Acq: 07 Nov 2023 06:05

Tgt Ion: 84 Resp: 16682
Ion Ratio Lower Upper
84 100
49 123.4 79.7 119.5#
51 37.8 25.2 37.8#
86 50.0 53.3 79.9#





#33

1,2-Dichloroethane-d4

Concen: 57.764 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079948.D

Acq: 07 Nov 2023 06:05

Instrument :

MSVOA_N

ClientSampleId :

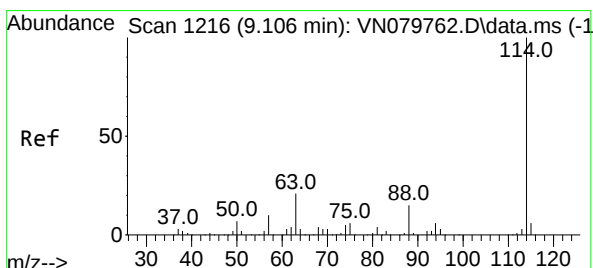
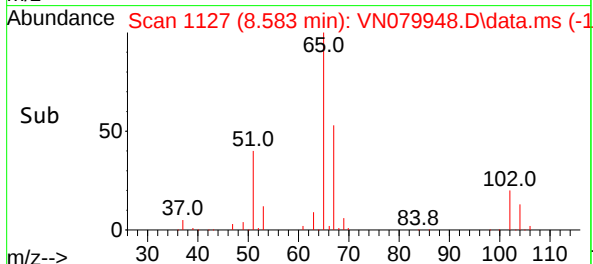
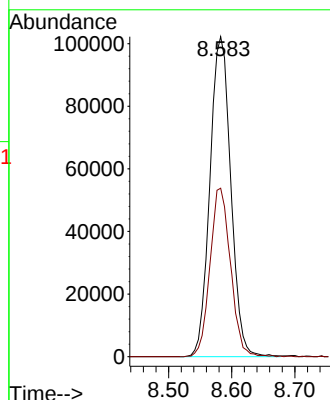
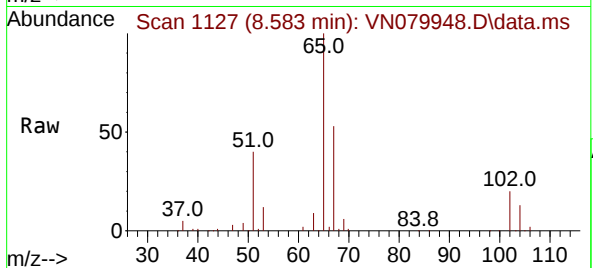
WC-2

Tgt Ion: 65 Resp: 234754

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079948.D

Acq: 07 Nov 2023 06:05

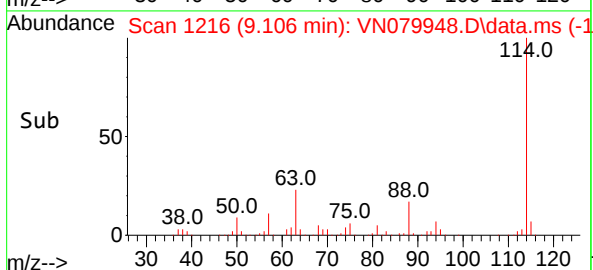
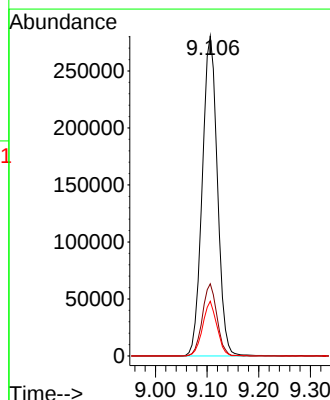
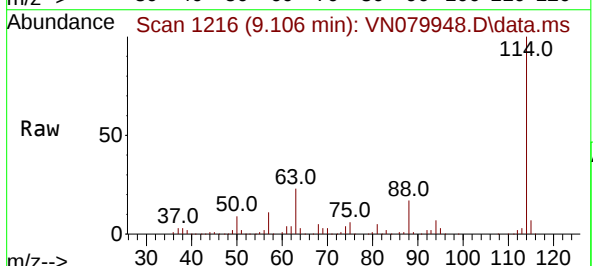
Tgt Ion: 114 Resp: 570637

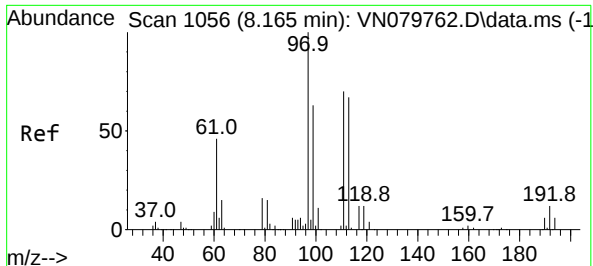
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.073 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN079948.D

Acq: 07 Nov 2023 06:05

Instrument :

MSVOA_N

ClientSampleId :

WC-2

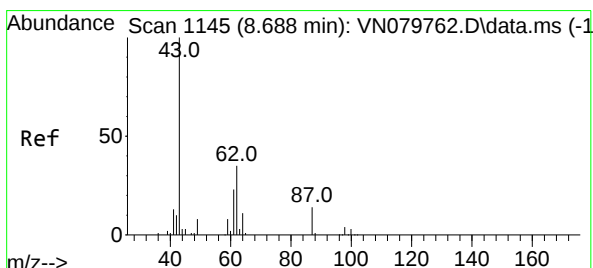
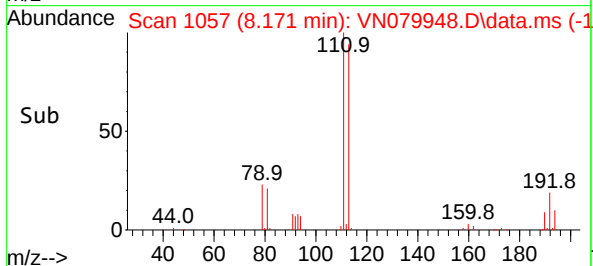
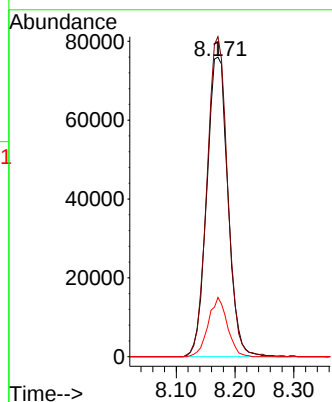
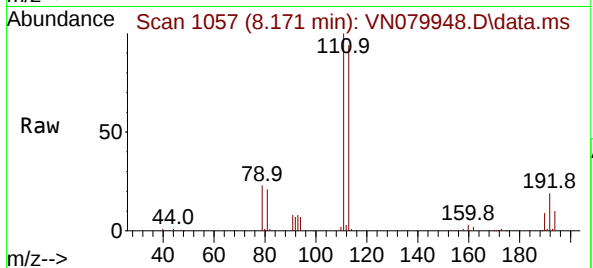
Tgt Ion:113 Resp: 190116

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 17.9 12.7 19.1



#43

Isopropyl Acetate

Concen: 24.662 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079948.D

Acq: 07 Nov 2023 06:05

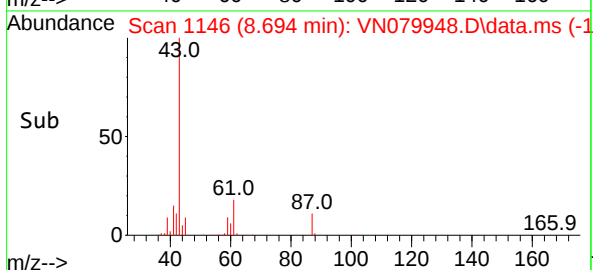
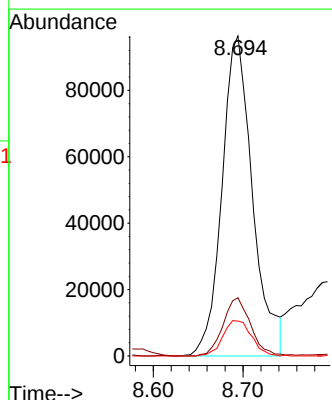
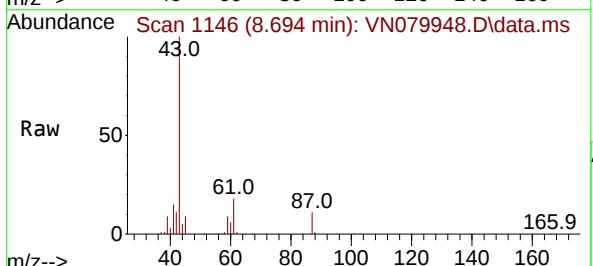
Tgt Ion: 43 Resp: 228739

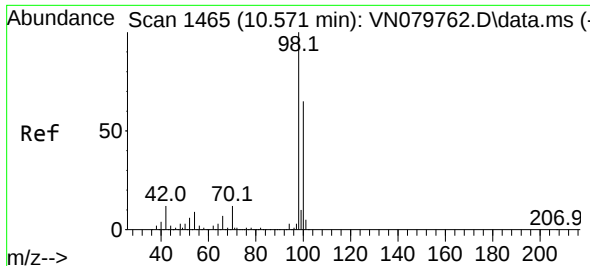
Ion Ratio Lower Upper

43 100

61 16.4 24.7 37.1#

87 10.4 14.6 21.8#

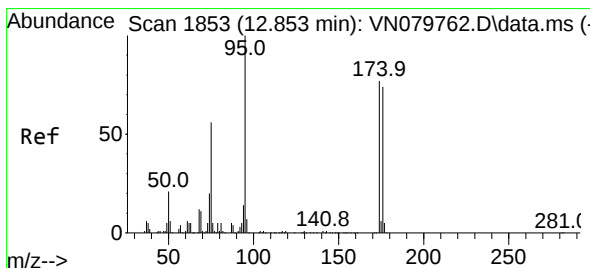
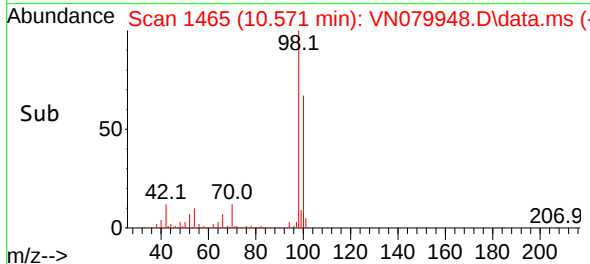
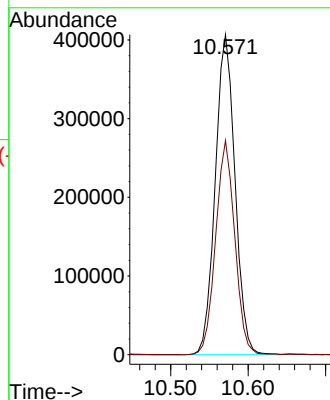
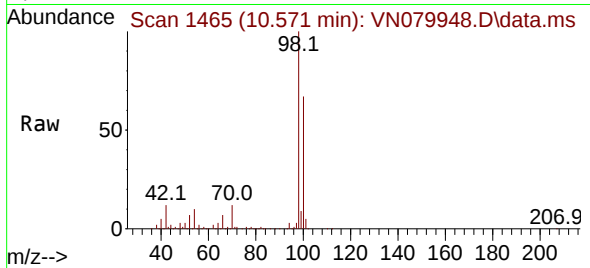




#50
Toluene-d8
Concen: 48.450 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079948.D
Acq: 07 Nov 2023 06:05

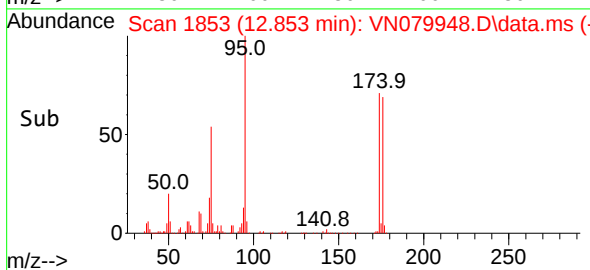
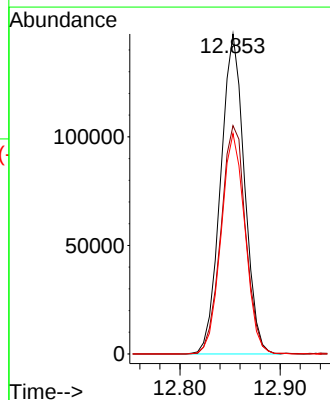
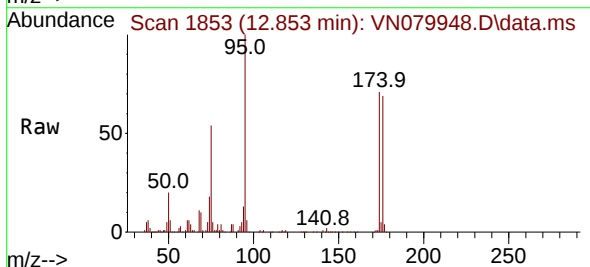
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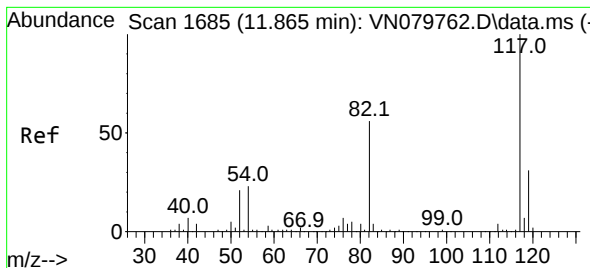
Tgt Ion: 98 Resp: 720360
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.153 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079948.D
Acq: 07 Nov 2023 06:05

Tgt Ion: 95 Resp: 242372
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 69.4 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: VN079948.D

Acq: 07 Nov 2023 06:05

Instrument :

MSVOA_N

ClientSampleId :

WC-2

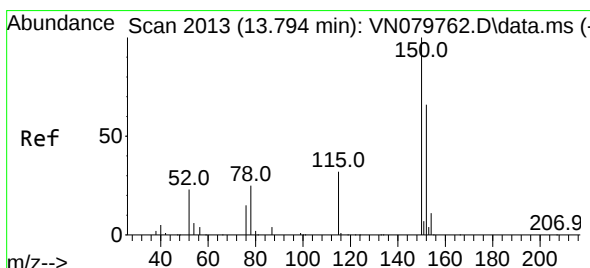
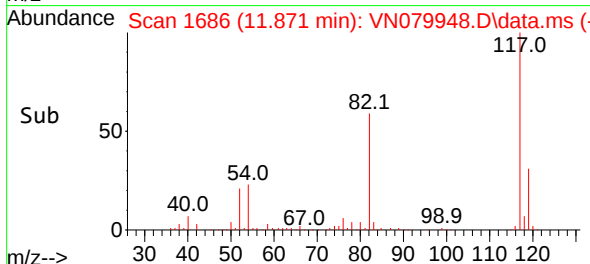
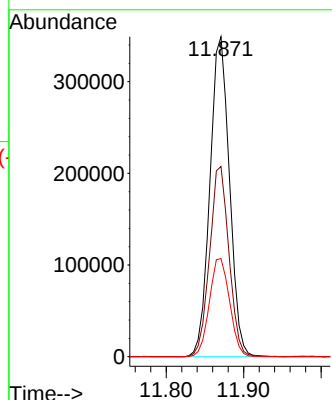
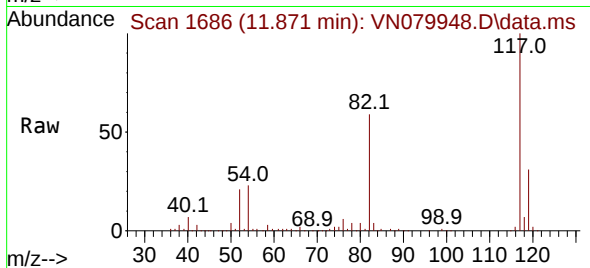
Tgt Ion:117 Resp: 610922

Ion Ratio Lower Upper

117 100

82 59.4 44.0 66.0

119 30.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079948.D

Acq: 07 Nov 2023 06:05

Tgt Ion:152 Resp: 222487

Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

150 159.4 0.0 355.8

