

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079547.D
 Acq On : 12 Oct 2023 15:59
 Operator : JC\MD
 Sample : 04858-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Oct 13 01:21:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

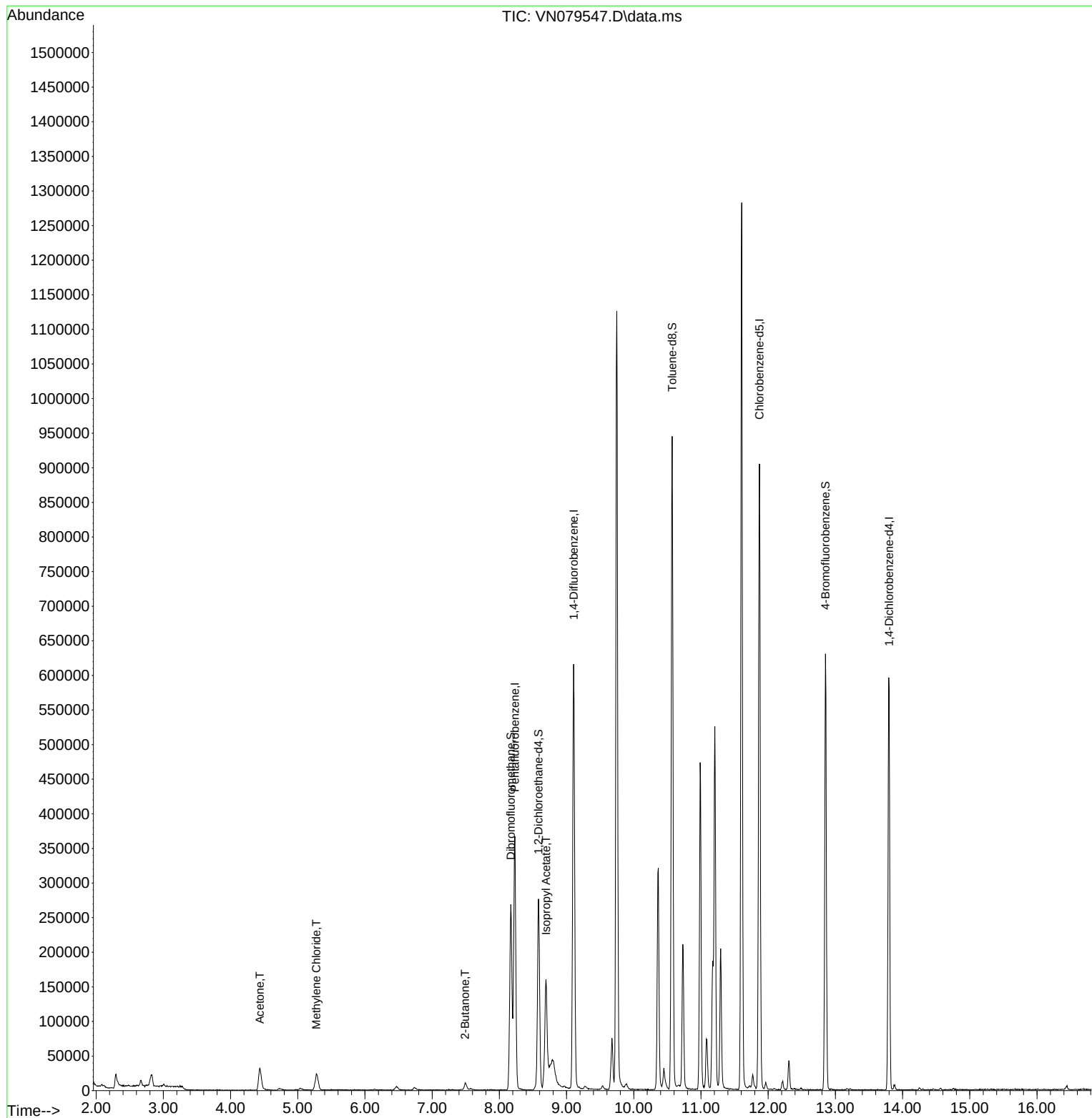
Internal Standards						
1) Pentafluorobenzene	8.230	168	252860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	511717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	508827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	155628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	215855	52.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.300%
35) Dibromofluoromethane	8.171	113	189452	51.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.040%
50) Toluene-d8	10.571	98	624824	46.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.853	95	204182	47.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.640%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	61883	38.054	ug/l	94
20) Methylene Chloride	5.277	84	17606	4.395	ug/l #	89
25) 2-Butanone	7.488	43	17479	7.242	ug/l #	73
43) Isopropyl Acetate	8.694	43	198260	20.606	ug/l #	73

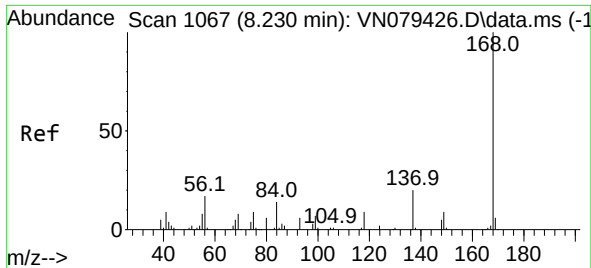
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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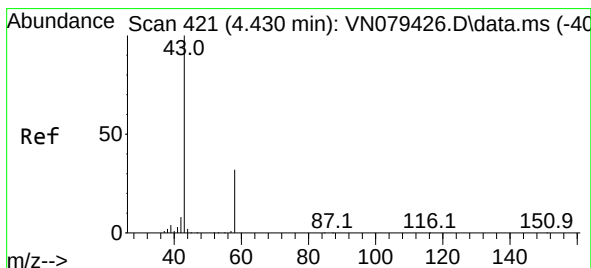
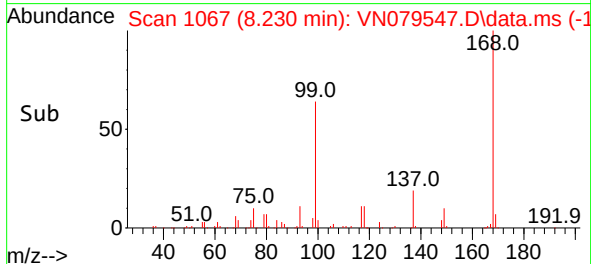
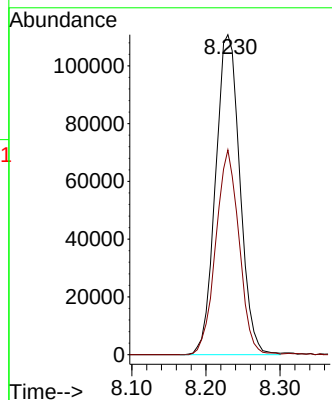
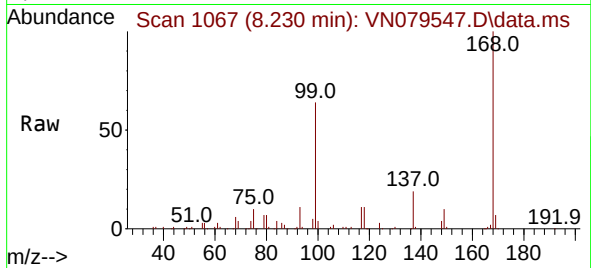




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079547.D
Acq: 12 Oct 2023 15:59

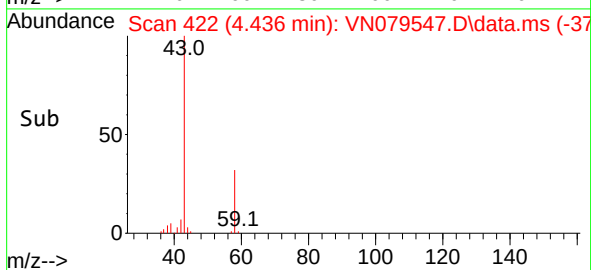
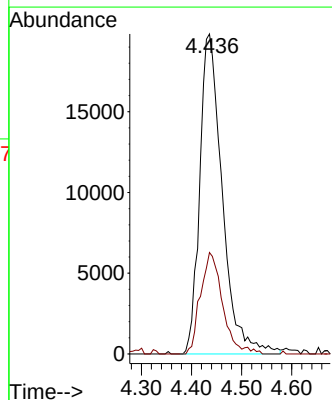
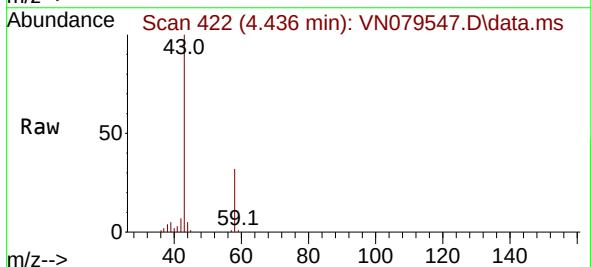
Instrument :
MSVOA_N
ClientSampleId :
WC-1

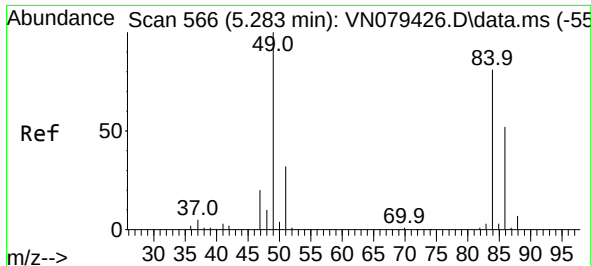
Tgt Ion:168 Resp: 252860
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#16
Acetone
Concen: 38.054 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079547.D
Acq: 12 Oct 2023 15:59

Tgt Ion: 43 Resp: 61883
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

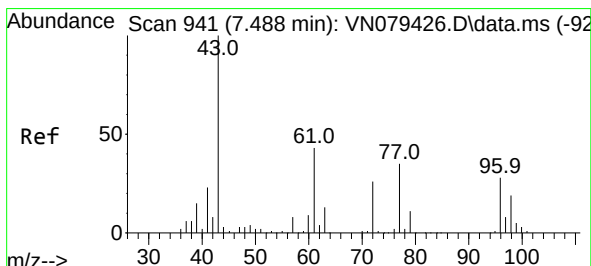
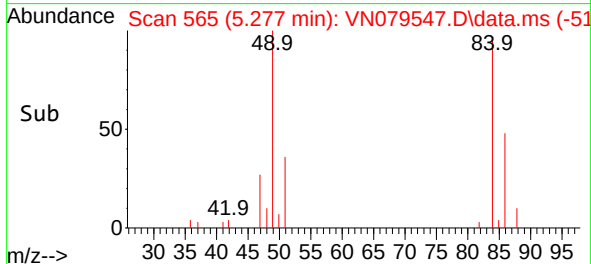
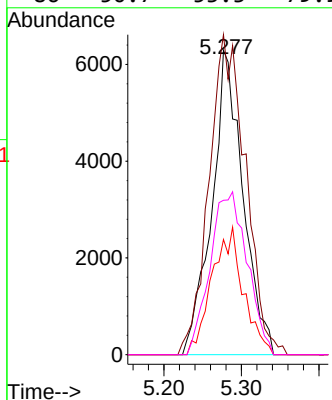
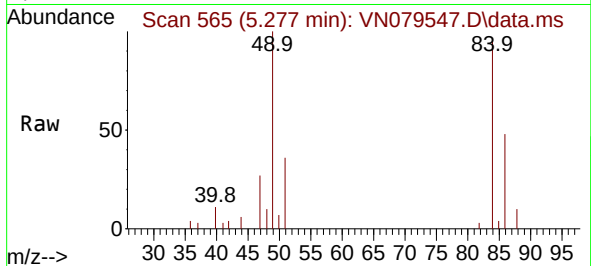




#20
Methylene Chloride
Concen: 4.395 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079547.D
Acq: 12 Oct 2023 15:59

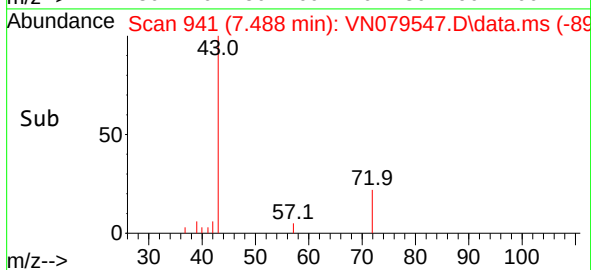
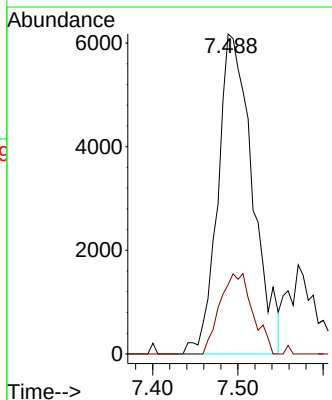
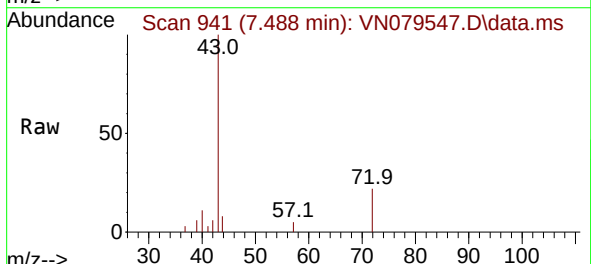
Instrument :
MSVOA_N
ClientSampleId :
WC-1

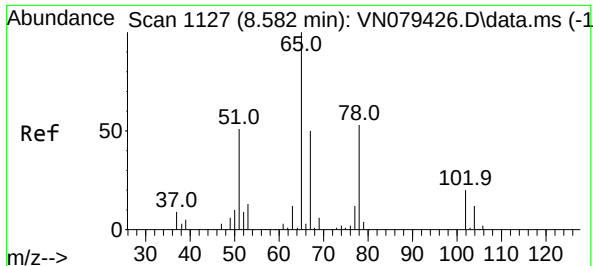
Tgt Ion:	84	Resp:	17606
Ion	Ratio	Lower	Upper
84	100		
49	105.1	79.7	119.5
51	37.9	25.2	37.8#
86	50.7	53.3	79.9#



#25
2-Butanone
Concen: 7.242 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079547.D
Acq: 12 Oct 2023 15:59

Tgt Ion:	43	Resp:	17479
Ion	Ratio	Lower	Upper
43	100		
72	21.6	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 52.648 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079547.D

Acq: 12 Oct 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

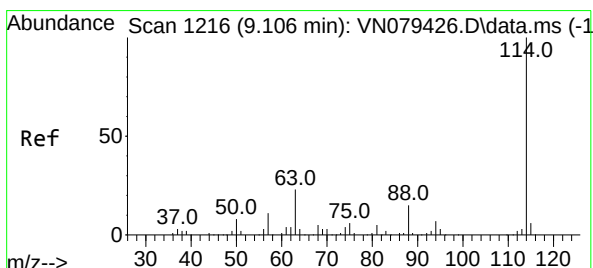
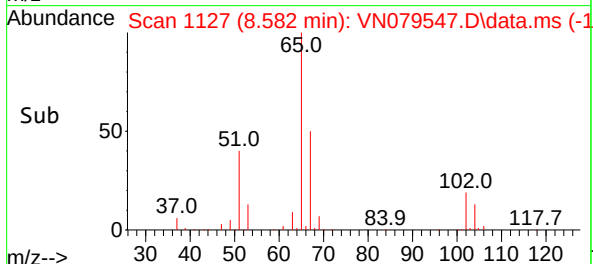
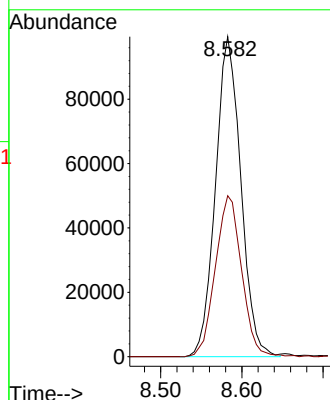
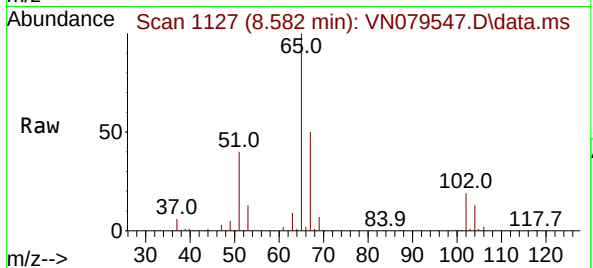
WC-1

Tgt Ion: 65 Resp: 215855

Ion Ratio Lower Upper

65 100

67 52.1 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: VN079547.D

Acq: 12 Oct 2023 15:59

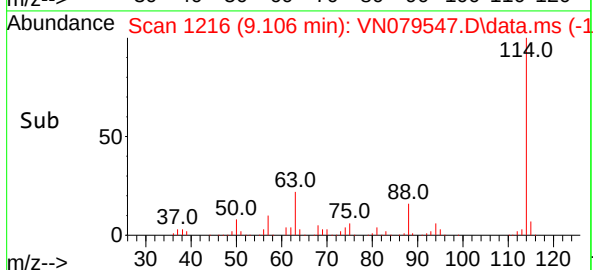
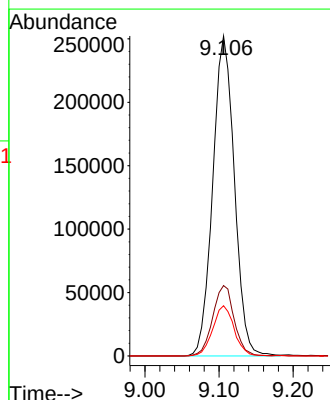
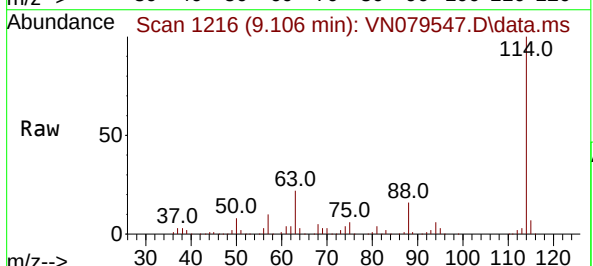
Tgt Ion: 114 Resp: 511717

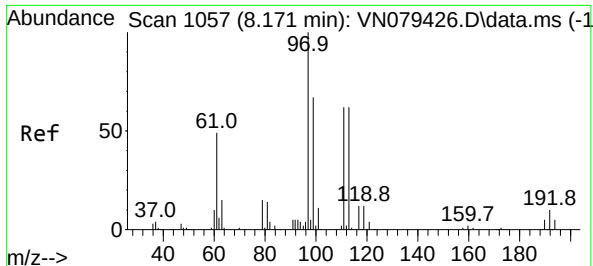
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.518 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN079547.D

Acq: 12 Oct 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

WC-1

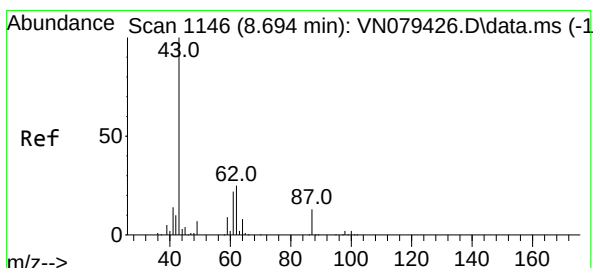
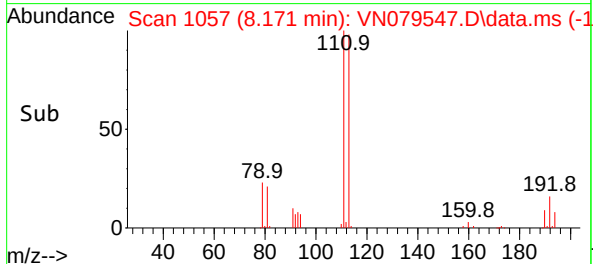
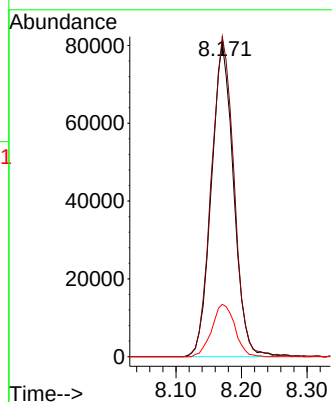
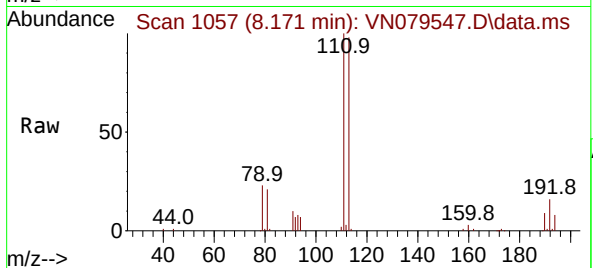
Tgt Ion:113 Resp: 189452

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 17.3 12.7 19.1



#43

Isopropyl Acetate

Concen: 20.606 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079547.D

Acq: 12 Oct 2023 15:59

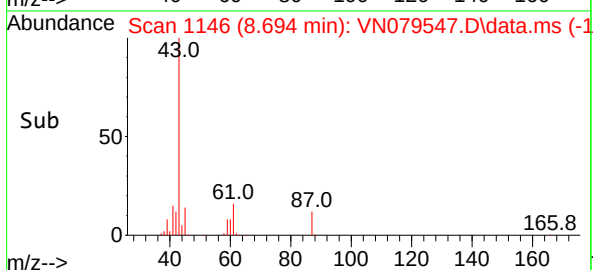
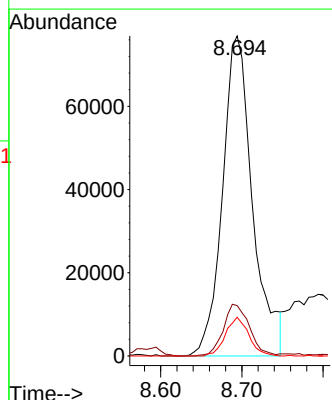
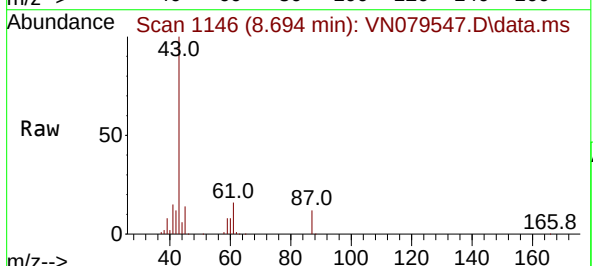
Tgt Ion: 43 Resp: 198260

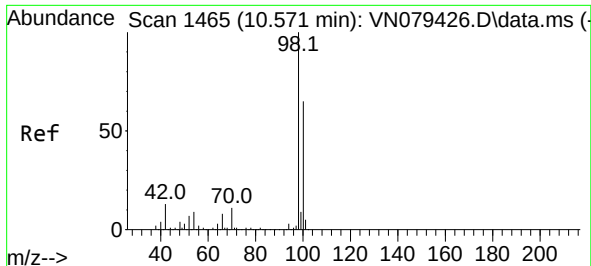
Ion Ratio Lower Upper

43 100

61 14.0 24.7 37.1#

87 9.4 14.6 21.8#

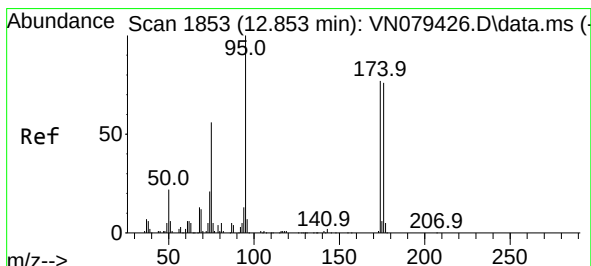
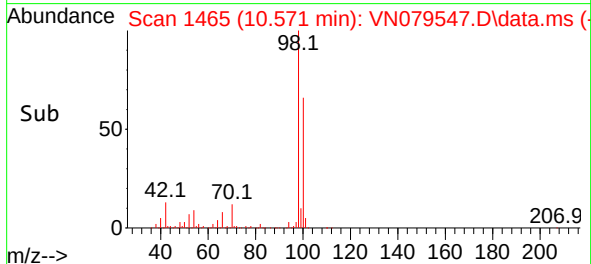
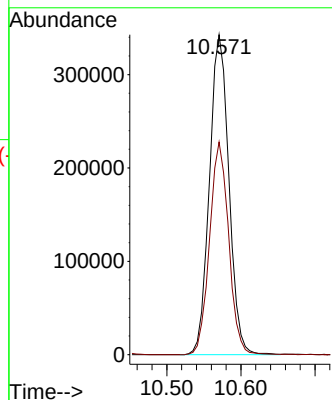
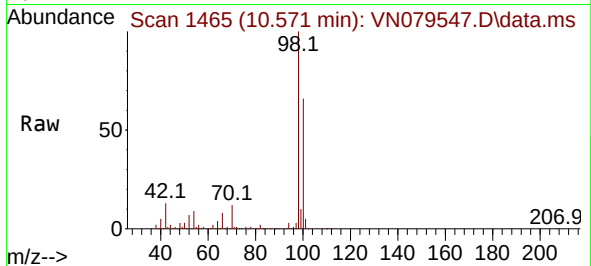




#50
Toluene-d8
Concen: 46.959 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079547.D
Acq: 12 Oct 2023 15:59

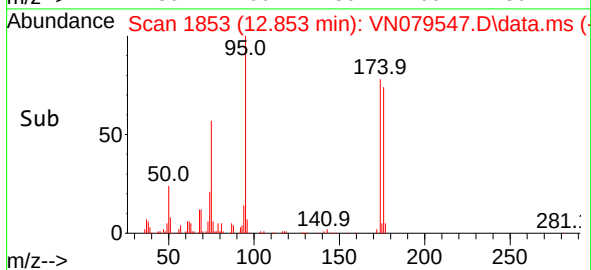
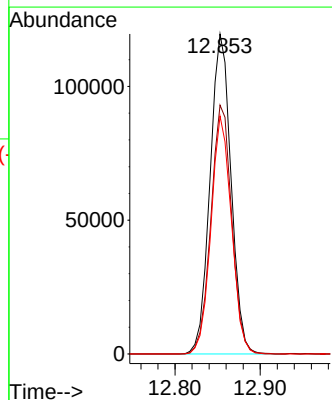
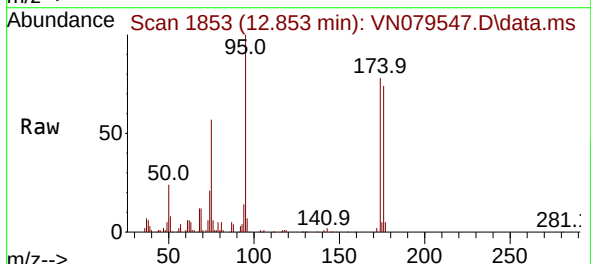
Instrument :
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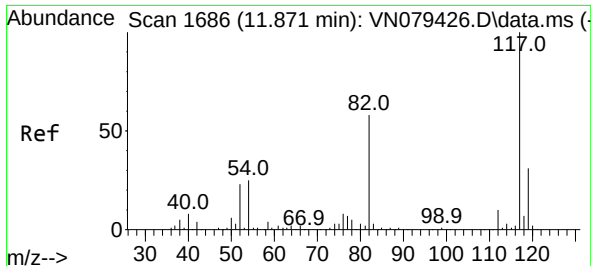
Tgt Ion: 98 Resp: 624824
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.816 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079547.D
Acq: 12 Oct 2023 15:59

Tgt Ion: 95 Resp: 204182
Ion Ratio Lower Upper
95 100
174 77.6 0.0 143.8
176 72.4 0.0 135.8

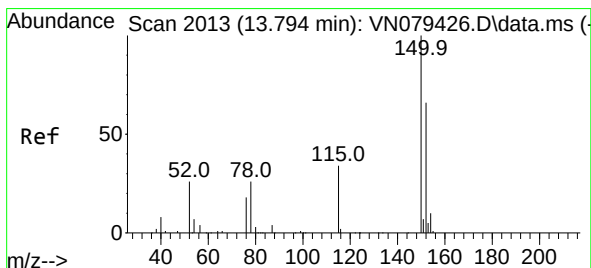
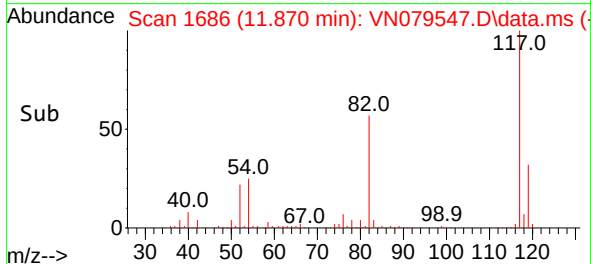
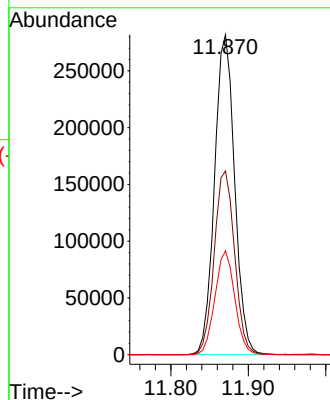
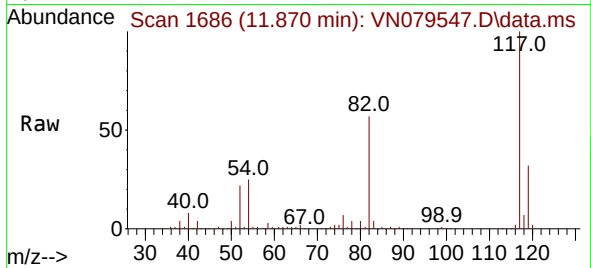




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079547.D
Acq: 12 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 508827
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079547.D
Acq: 12 Oct 2023 15:59

Tgt Ion:152 Resp: 155628
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 155.4 0.0 355.8

