

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080389.D
 Acq On : 06 Dec 2023 16:22
 Operator : JC\MD
 Sample : 05629-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11985

Quant Time: Dec 07 01:01:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

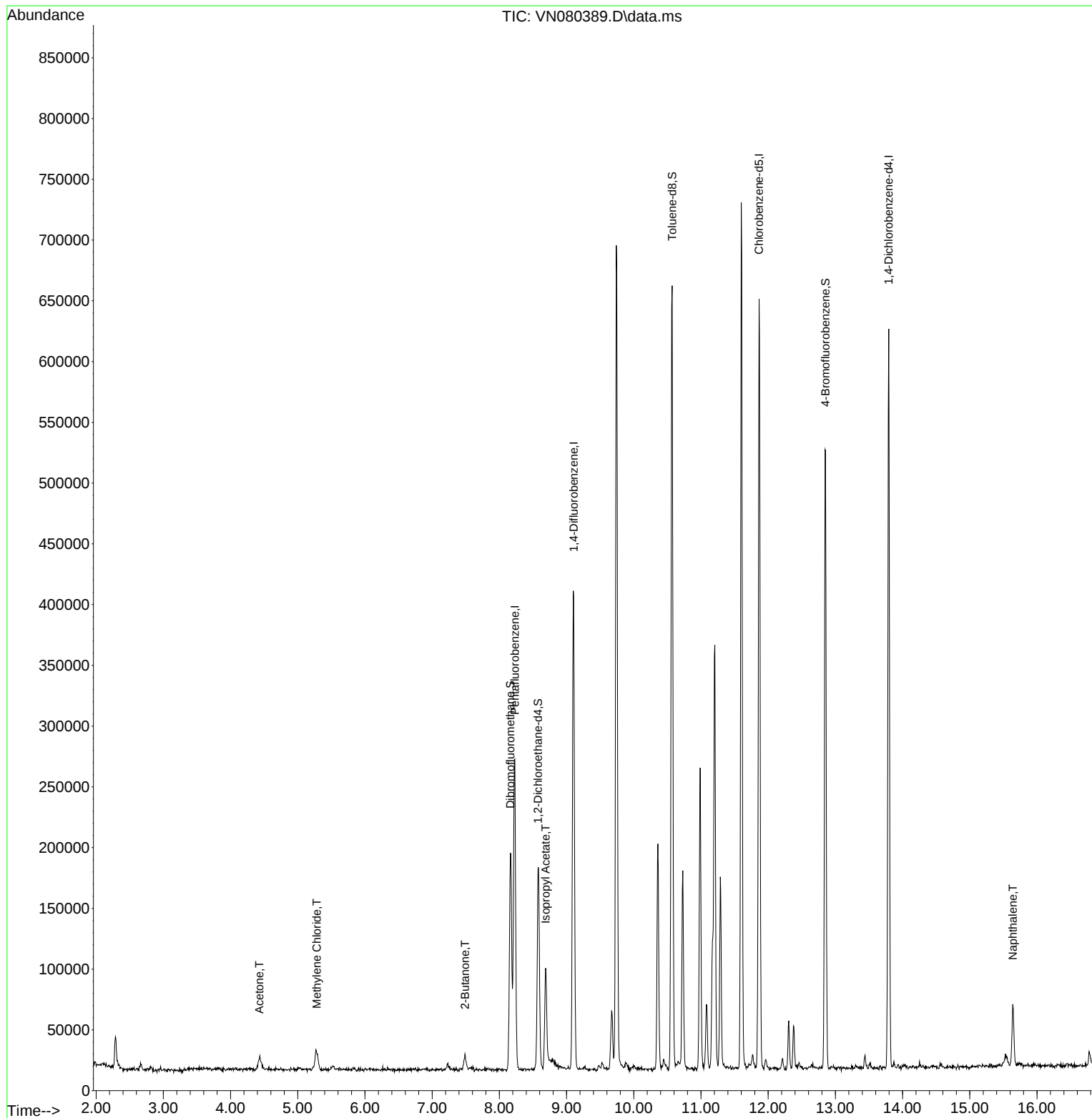
Internal Standards						
1) Pentafluorobenzene	8.230	168	180357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156136	52.430	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.860%	
35) Dibromofluoromethane	8.165	113	125552	50.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.640%	
50) Toluene-d8	10.571	98	450841	50.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.853	95	179487	53.360	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	20018	20.013	ug/l #	81
20) Methylene Chloride	5.283	84	13376	6.386	ug/l #	91
25) 2-Butanone	7.488	43	19024	16.008	ug/l	93
43) Isopropyl Acetate	8.688	43	93047	19.273	ug/l #	86
95) Naphthalene	15.641	128	49487	5.388	ug/l	99

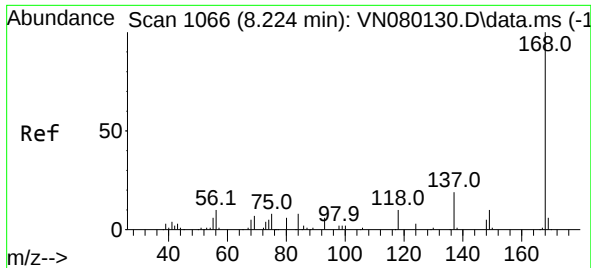
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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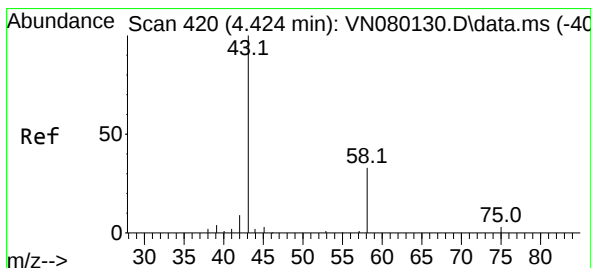
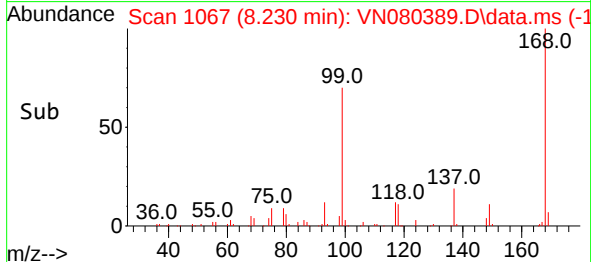
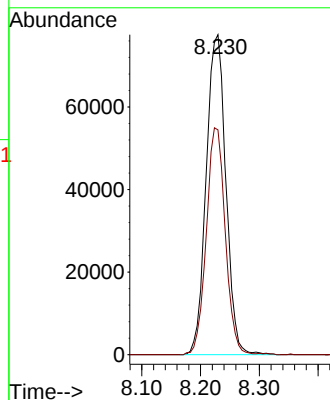
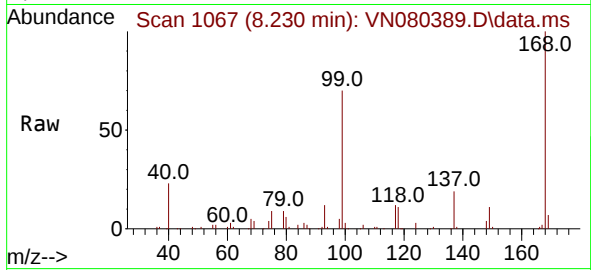




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

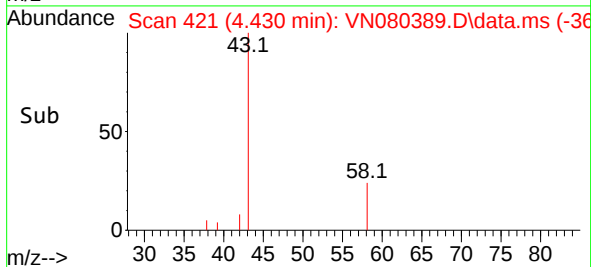
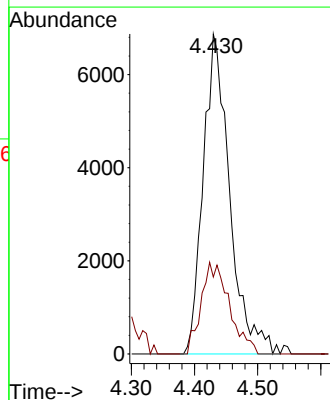
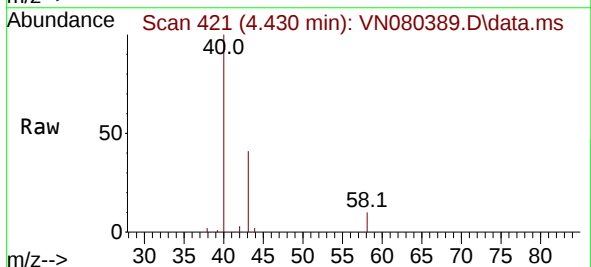
Instrument :
MSVOA_N
ClientSampleId :
72-11985

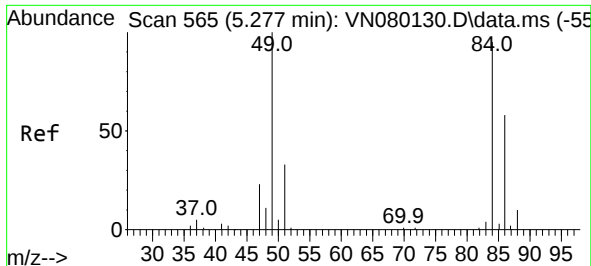
Tgt Ion:168 Resp: 180357
Ion Ratio Lower Upper
168 100
99 70.2 53.0 79.6



#16
Acetone
Concen: 20.013 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

Tgt Ion: 43 Resp: 20018
Ion Ratio Lower Upper
43 100
58 24.1 28.0 42.0#

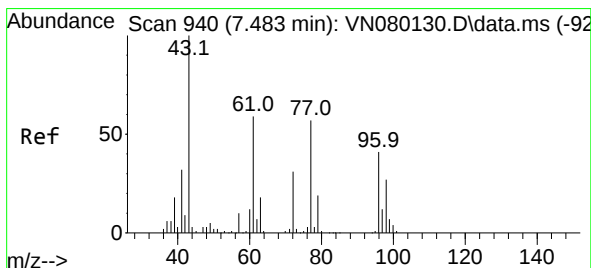
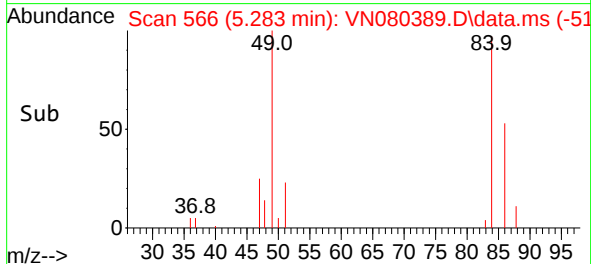
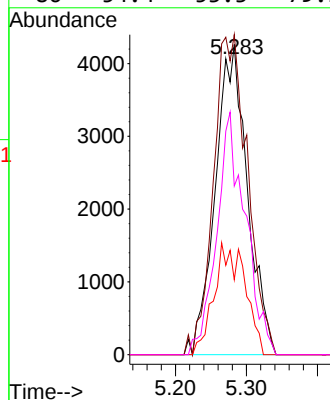
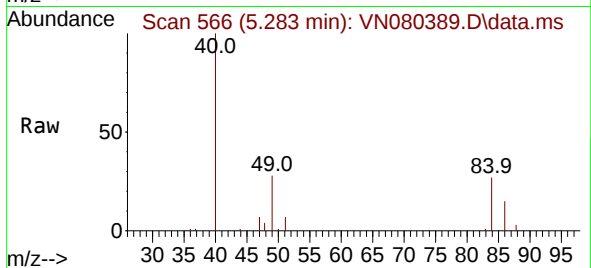




#20
Methylene Chloride
Concen: 6.386 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

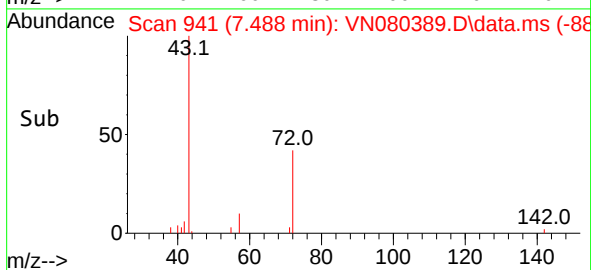
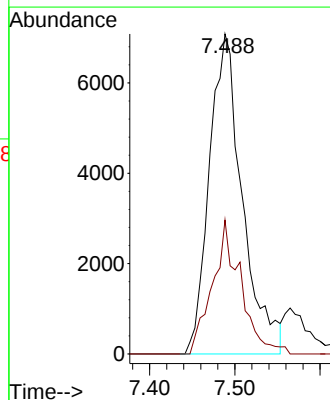
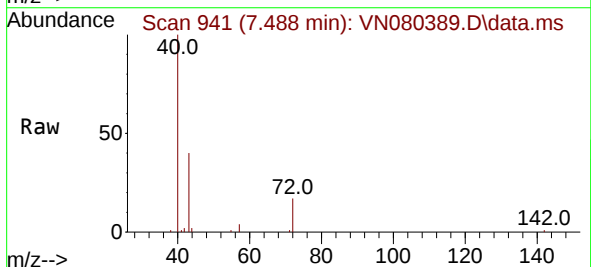
Instrument :
MSVOA_N
ClientSampleId :
72-11985

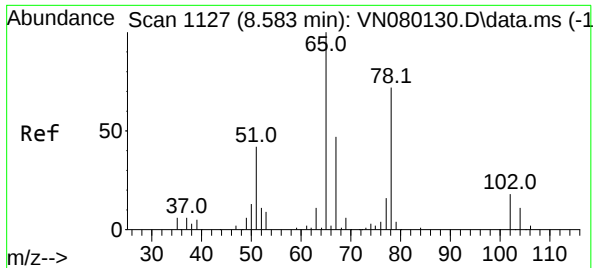
Tgt Ion: 84	Resp: 13376
Ion Ratio	Lower Upper
84 100	
49 103.2	79.7 119.5
51 24.2	25.2 37.8#
86 54.4	53.3 79.9



#25
2-Butanone
Concen: 16.008 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

Tgt Ion: 43	Resp: 19024
Ion Ratio	Lower Upper
43 100	
72 41.9	30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 52.430 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080389.D

Acq: 06 Dec 2023 16:22

Instrument :

MSVOA_N

ClientSampleId :

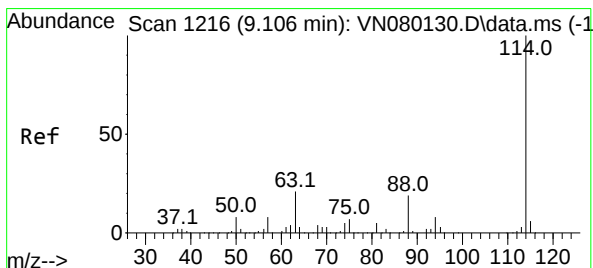
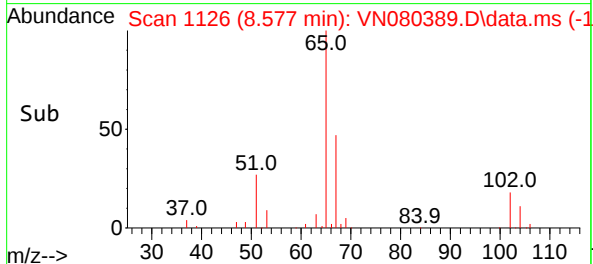
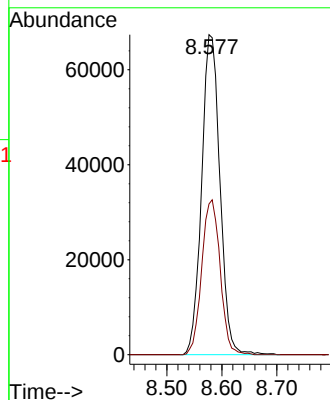
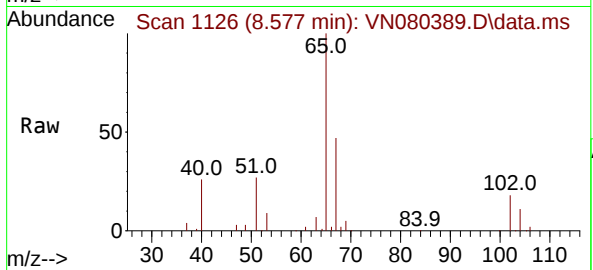
72-11985

Tgt Ion: 65 Resp: 156136

Ion Ratio Lower Upper

65 100

67 48.6 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: VN080389.D

Acq: 06 Dec 2023 16:22

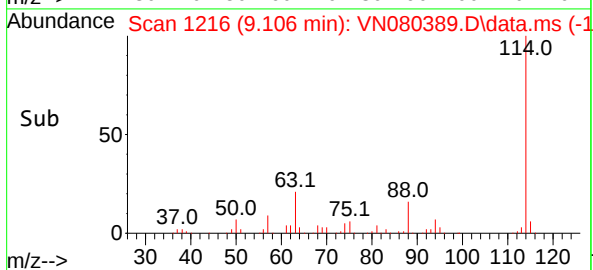
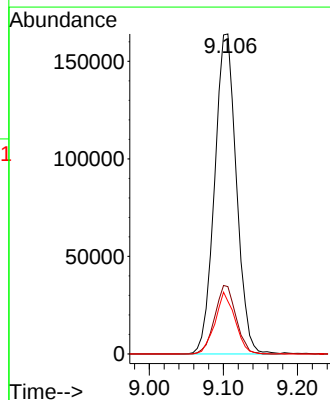
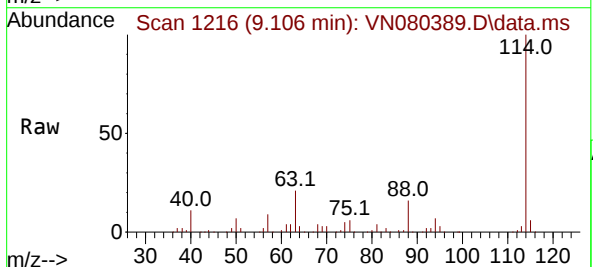
Tgt Ion: 114 Resp: 334804

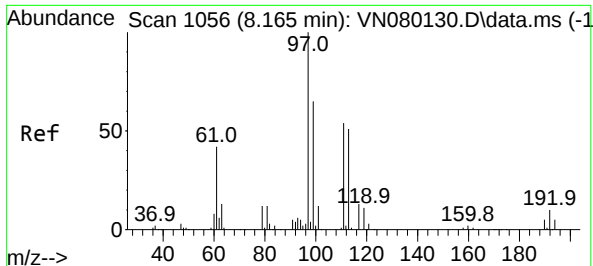
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 16.5 0.0 30.6

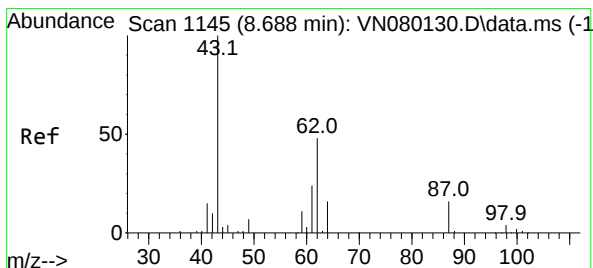
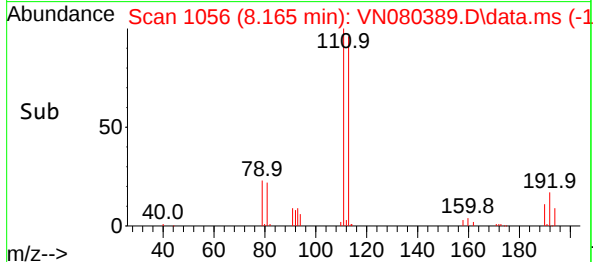
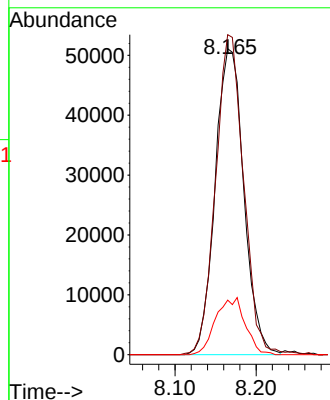
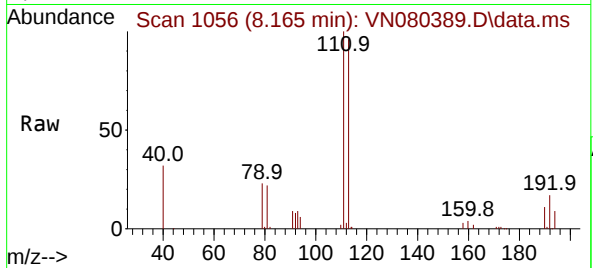




#35
Dibromofluoromethane
Concen: 50.822 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

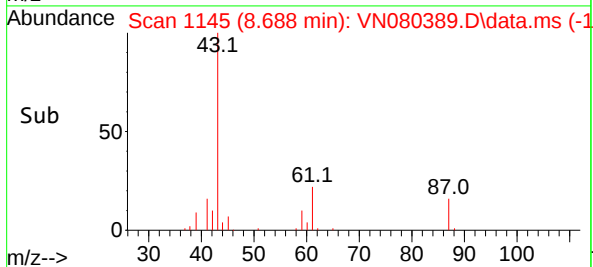
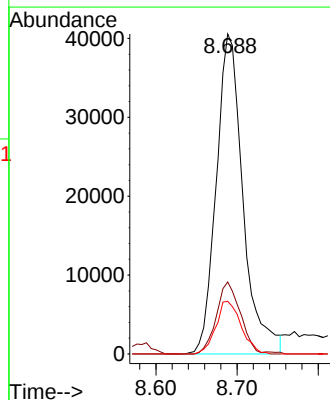
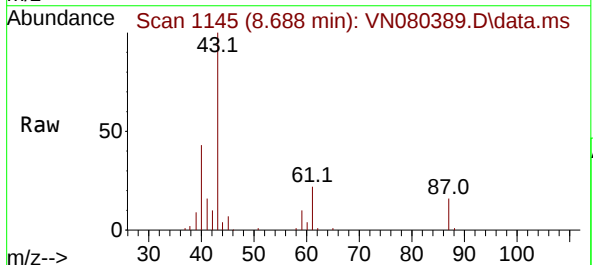
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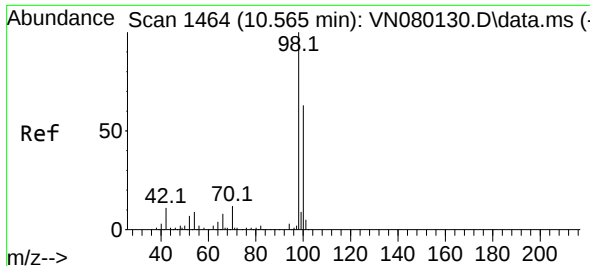
Tgt Ion:113 Resp: 125552
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.2 12.7 19.1#



#43
Isopropyl Acetate
Concen: 19.273 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

Tgt Ion: 43 Resp: 93047
Ion Ratio Lower Upper
43 100
61 20.3 24.7 37.1#
87 15.5 14.6 21.8

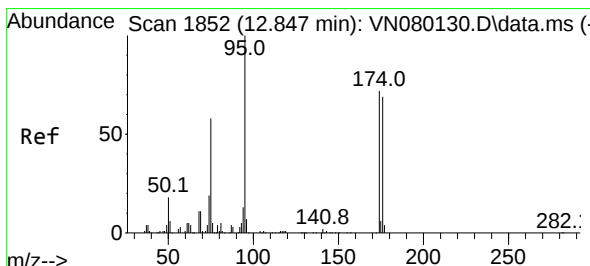
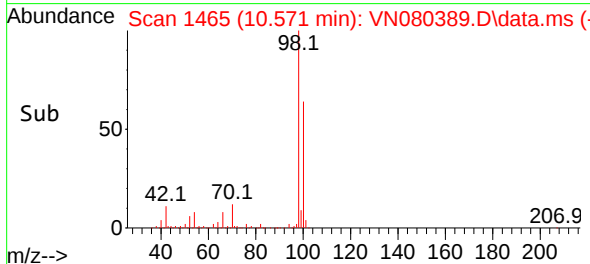
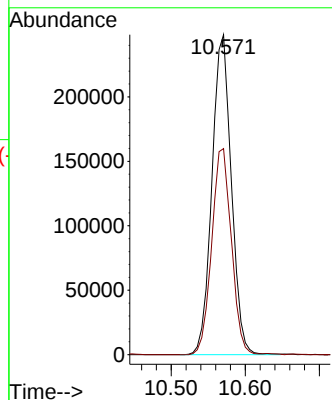
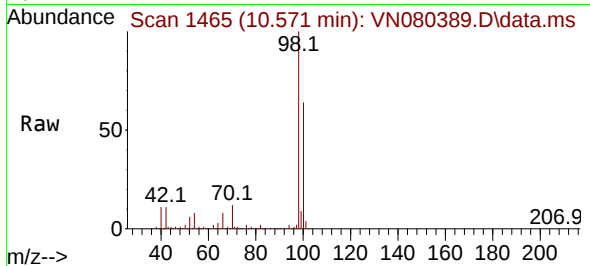




#50
Toluene-d8
Concen: 50.626 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

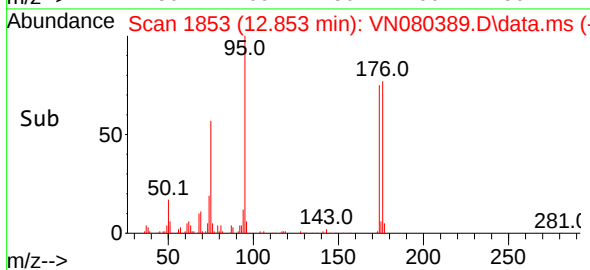
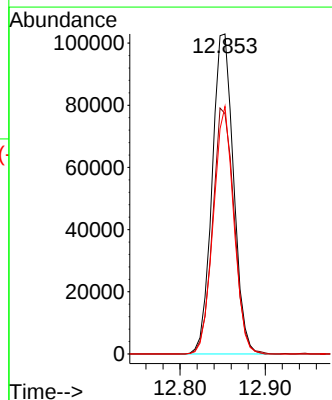
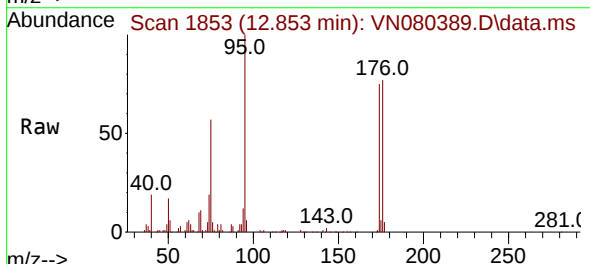
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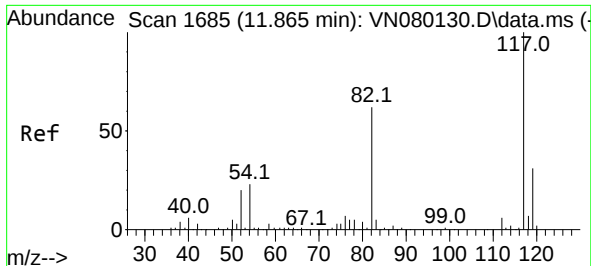
Tgt Ion: 98 Resp: 450841
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.360 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

Tgt Ion: 95 Resp: 179487
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 73.9 0.0 135.8

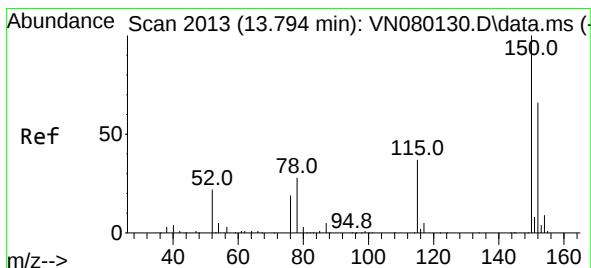
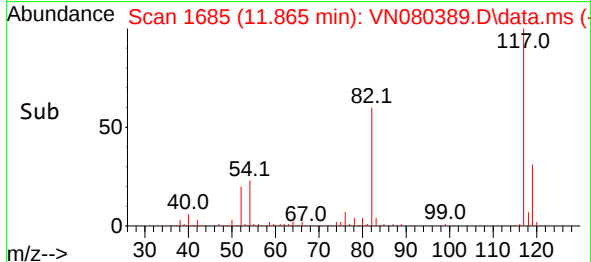
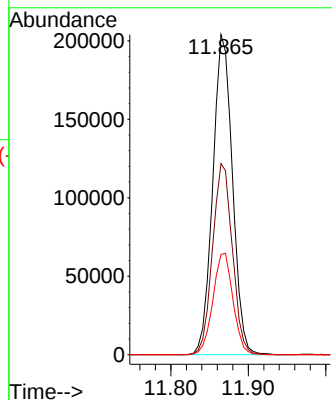
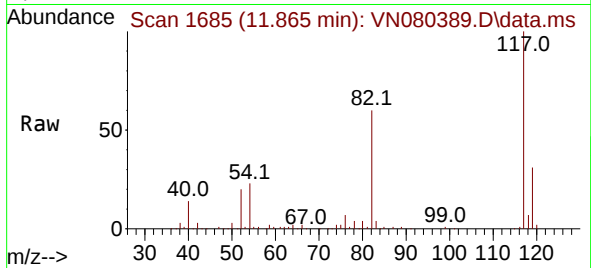




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

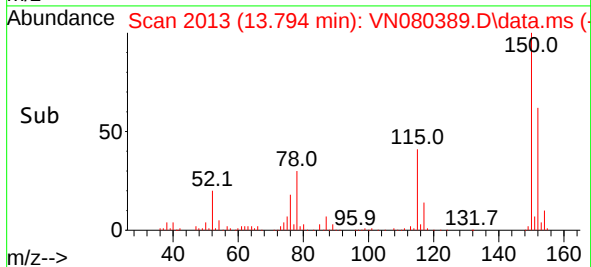
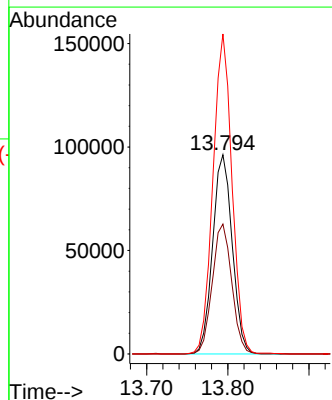
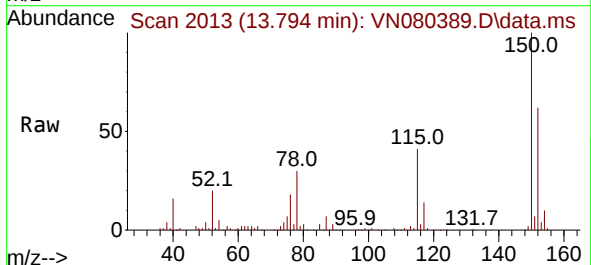
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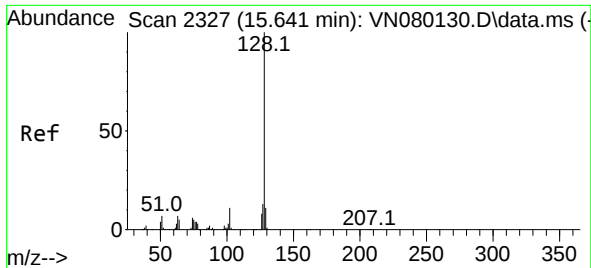
Tgt Ion:117 Resp: 360716
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

Tgt Ion:152 Resp: 161211
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 155.7 0.0 355.8





#95
Naphthalene
Concen: 5.388 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080389.D
Acq: 06 Dec 2023 16:22

Instrument :
MSVOA_N
ClientSampleId :
72-11985

Tgt Ion:128 Resp: 49487
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.7 8.7 13.1

