

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080578.D
 Acq On : 21 Dec 2023 17:02
 Operator : JC\MD
 Sample : 05926-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-320-0-2

Quant Time: Dec 22 04:03:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

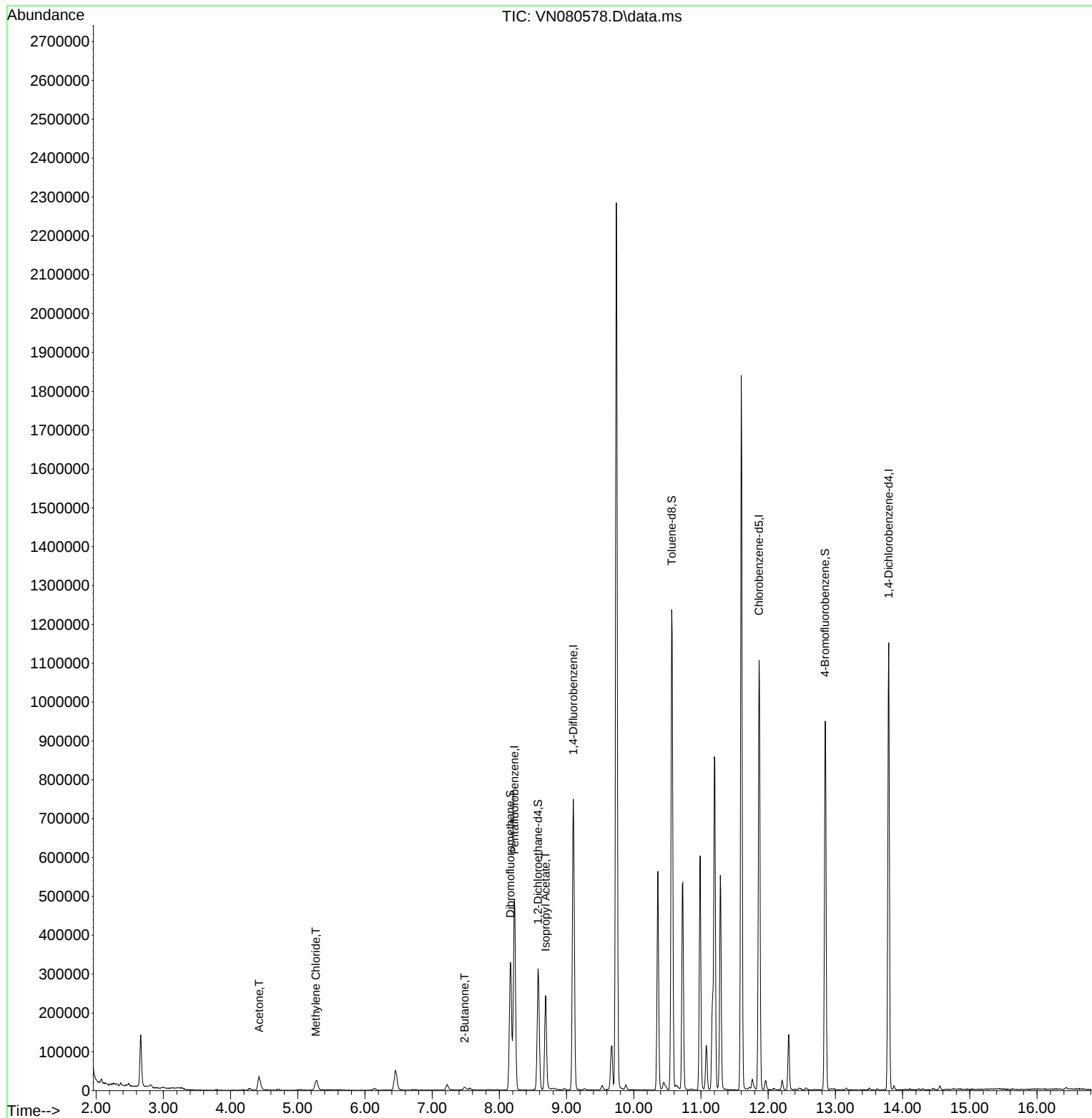
Internal Standards						
1) Pentafluorobenzene	8.224	168	359788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	667122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	635863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	304174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	251525	54.735	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.480%	
35) Dibromofluoromethane	8.165	113	236643	55.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.900%	
50) Toluene-d8	10.565	98	855056	54.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.847	95	360669	60.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.420%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	65134	79.938	ug/l	92
20) Methylene Chloride	5.271	84	20593	4.723	ug/l	95
25) 2-Butanone	7.483	43	12377	7.885	ug/l #	81
43) Isopropyl Acetate	8.688	43	258177	33.155	ug/l #	86

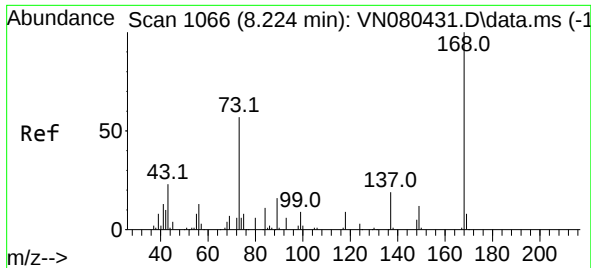
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080578.D

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MSVOA_N

ClientSampleId :

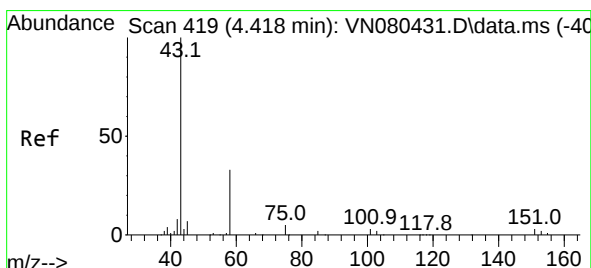
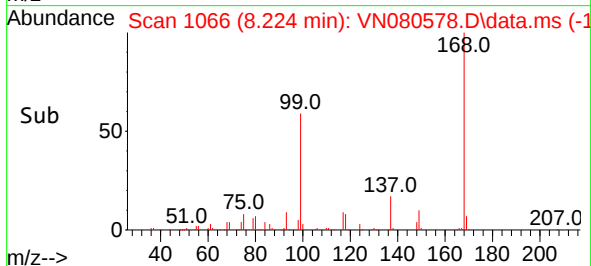
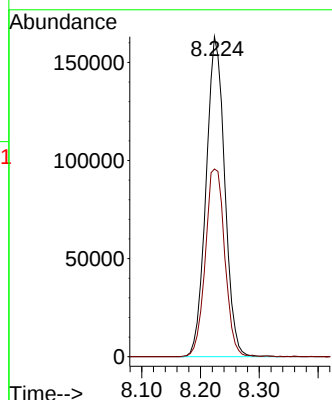
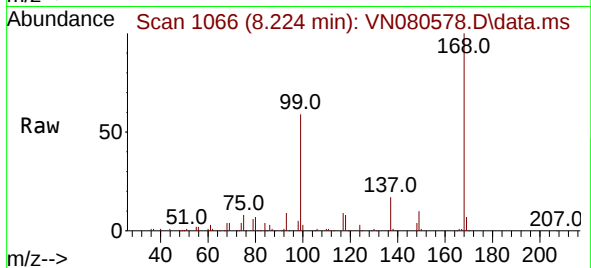
MR-320-0-2

Tgt Ion:168 Resp: 359788

Ion Ratio Lower Upper

168 100

99 58.7 53.0 79.6



#16

Acetone

Concen: 79.938 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN080578.D

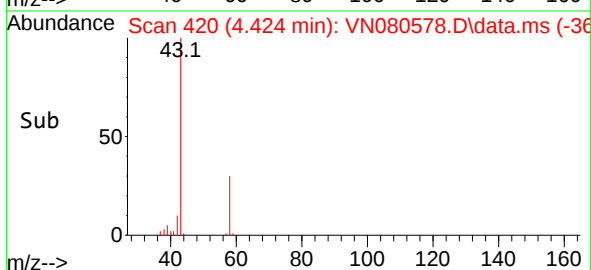
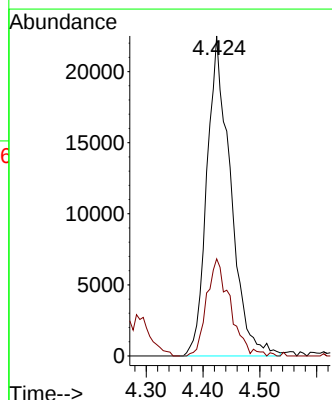
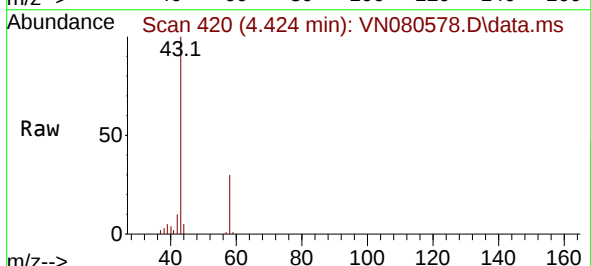
Acq: 21 Dec 2023 17:02

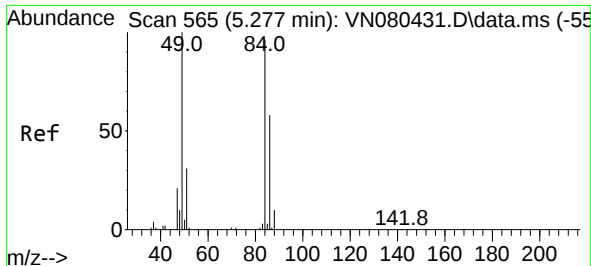
Tgt Ion: 43 Resp: 65134

Ion Ratio Lower Upper

43 100

58 30.3 28.0 42.0

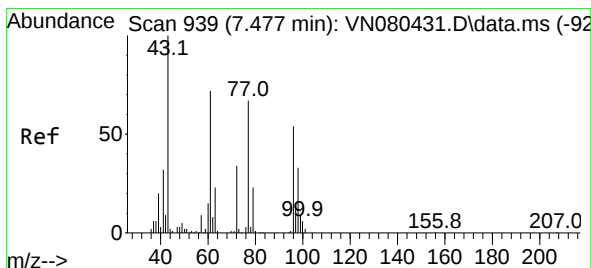
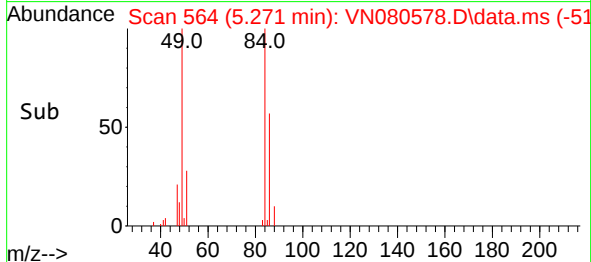
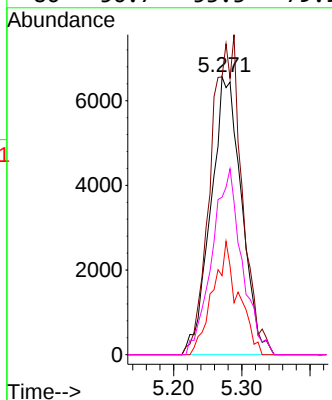
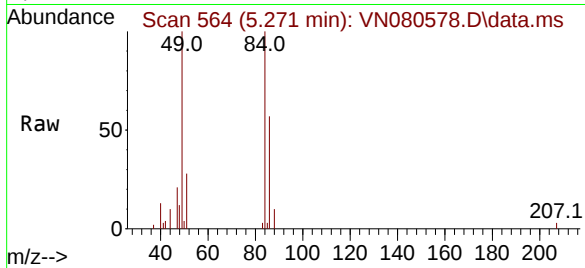




#20
Methylene Chloride
Concen: 4.723 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080578.D
Acq: 21 Dec 2023 17:02

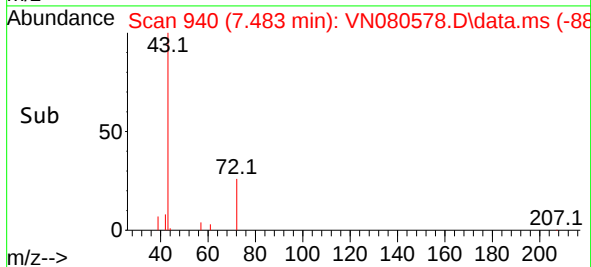
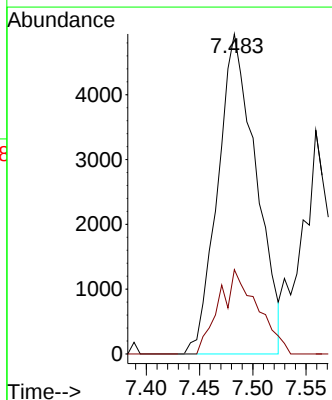
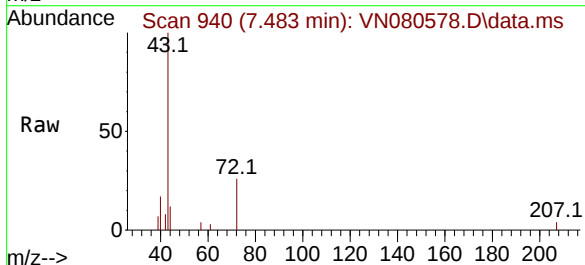
Instrument :
MSVOA_N
ClientSampleId :
MR-320-0-2

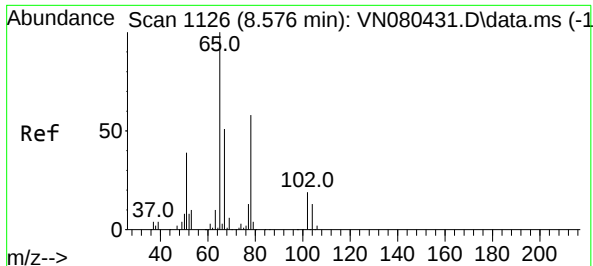
Tgt Ion:	84	Resp:	20593
Ion	Ratio	Lower	Upper
84	100		
49	100.0	79.7	119.5
51	28.5	25.2	37.8
86	56.7	53.3	79.9



#25
2-Butanone
Concen: 7.885 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080578.D
Acq: 21 Dec 2023 17:02

Tgt Ion:	43	Resp:	12377
Ion	Ratio	Lower	Upper
43	100		
72	26.4	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 54.735 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080578.D

Acq: 21 Dec 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

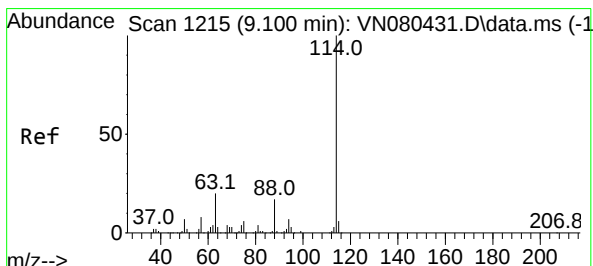
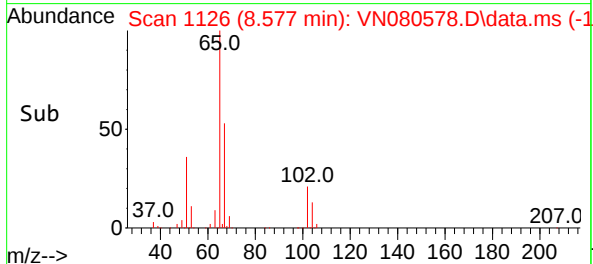
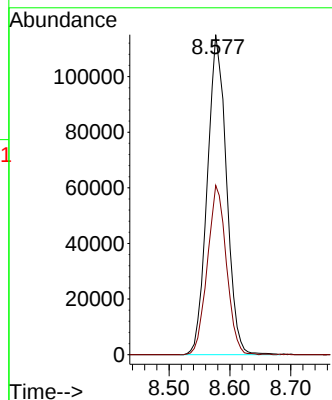
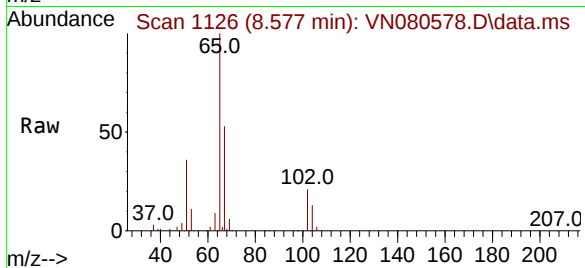
MR-320-0-2

Tgt Ion: 65 Resp: 251525

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080578.D

Acq: 21 Dec 2023 17:02

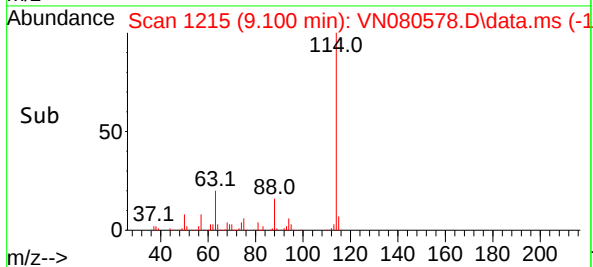
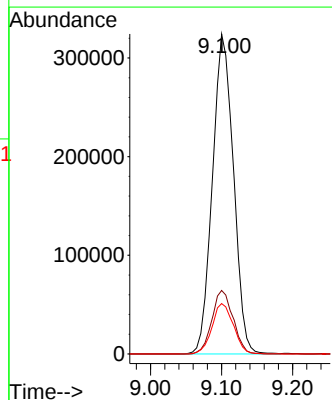
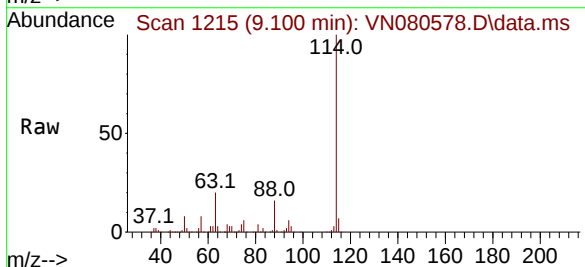
Tgt Ion: 114 Resp: 667122

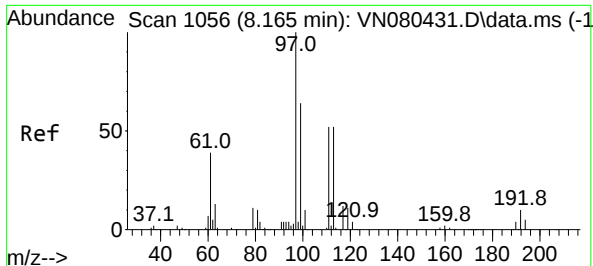
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.946 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN080578.D

Acq: 21 Dec 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

MR-320-0-2

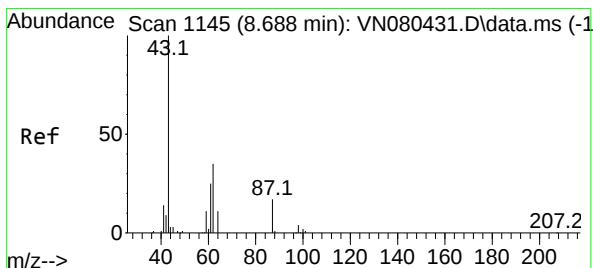
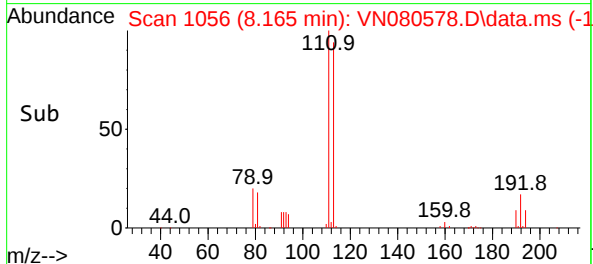
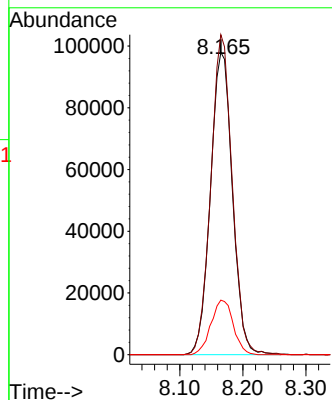
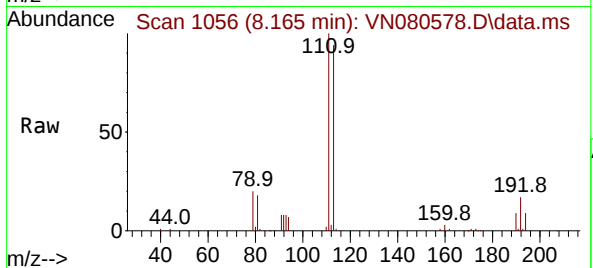
Tgt Ion:113 Resp: 236643

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 18.4 12.7 19.1



#43

Isopropyl Acetate

Concen: 33.155 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080578.D

Acq: 21 Dec 2023 17:02

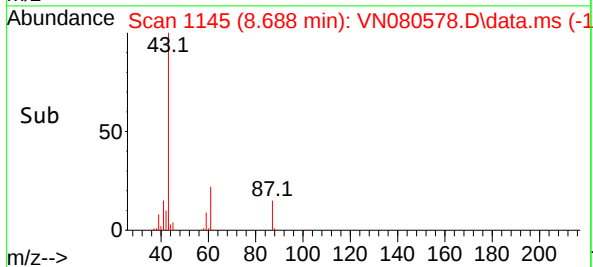
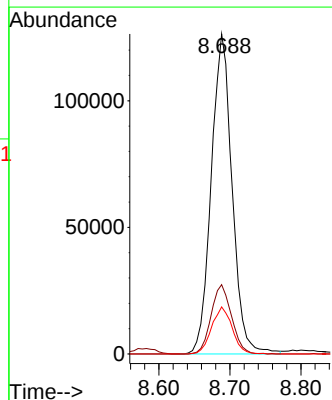
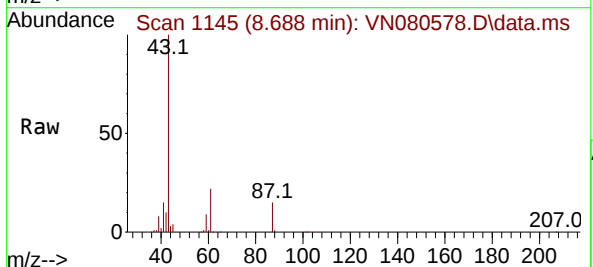
Tgt Ion: 43 Resp: 258177

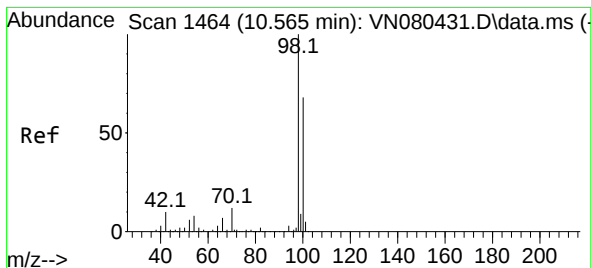
Ion Ratio Lower Upper

43 100

61 21.2 24.7 37.1#

87 14.4 14.6 21.8#





#50

Toluene-d8

Concen: 54.203 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080578.D

Acq: 21 Dec 2023 17:02

Instrument :

MSVOA_N

ClientSampleId :

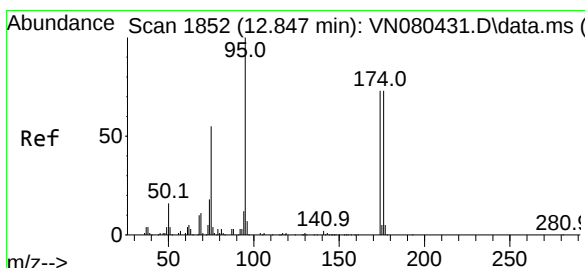
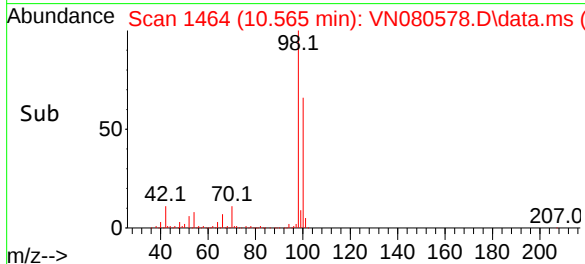
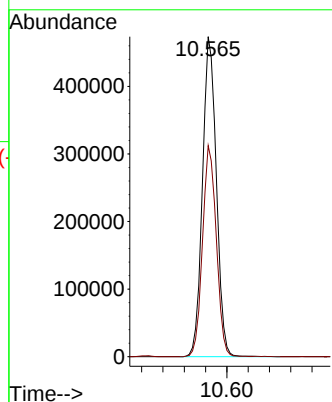
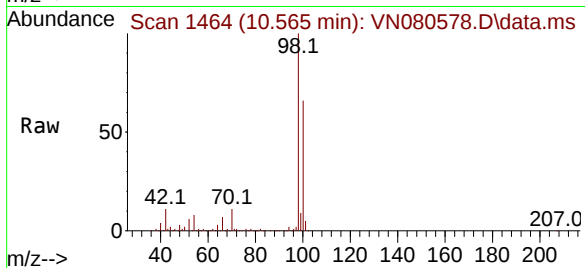
MR-320-0-2

Tgt Ion: 98 Resp: 855056

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 60.210 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN080578.D

Acq: 21 Dec 2023 17:02

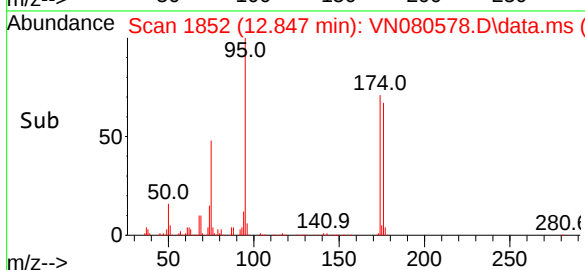
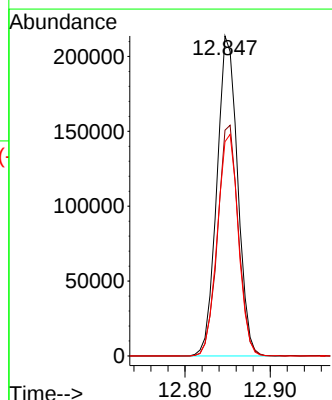
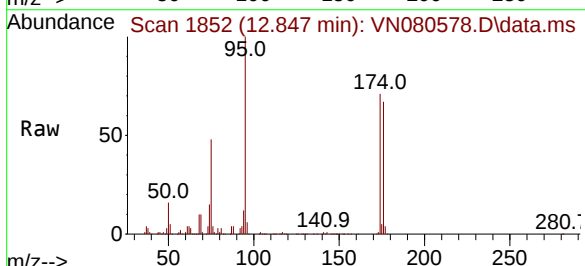
Tgt Ion: 95 Resp: 360669

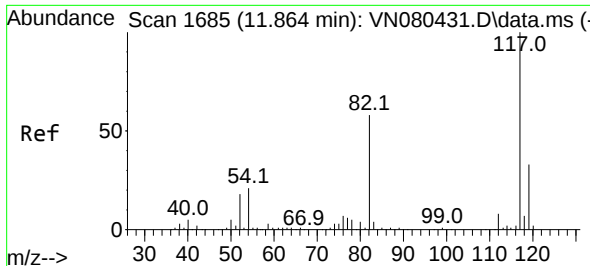
Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.8

176 70.3 0.0 135.8

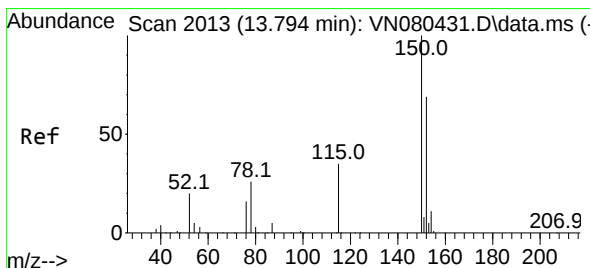
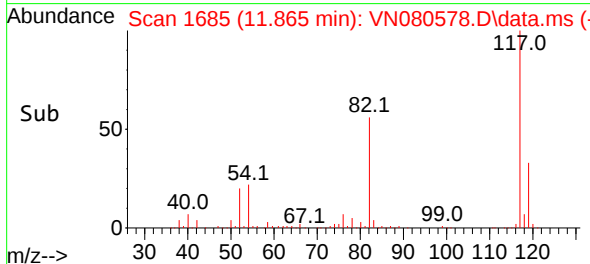
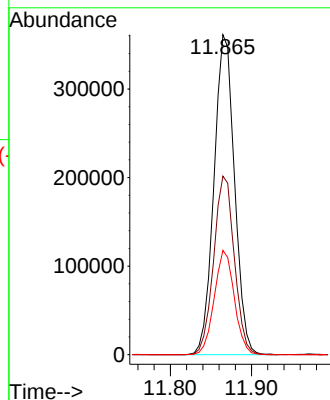
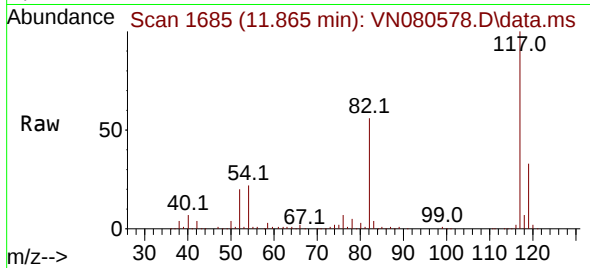




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080578.D
Acq: 21 Dec 2023 17:02

Instrument :
MSVOA_N
ClientSampleId :
MR-320-0-2

Tgt Ion:117 Resp: 635863
Ion Ratio Lower Upper
117 100
82 55.8 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. 0.000 min
Lab File: VN080578.D
Acq: 21 Dec 2023 17:02

Tgt Ion:152 Resp: 304174
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.9 0.0 355.8

