

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081287.D
 Acq On : 01 Mar 2024 15:55
 Operator : JC\MD
 Sample : P1602-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3

Quant Time: Mar 01 22:19:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

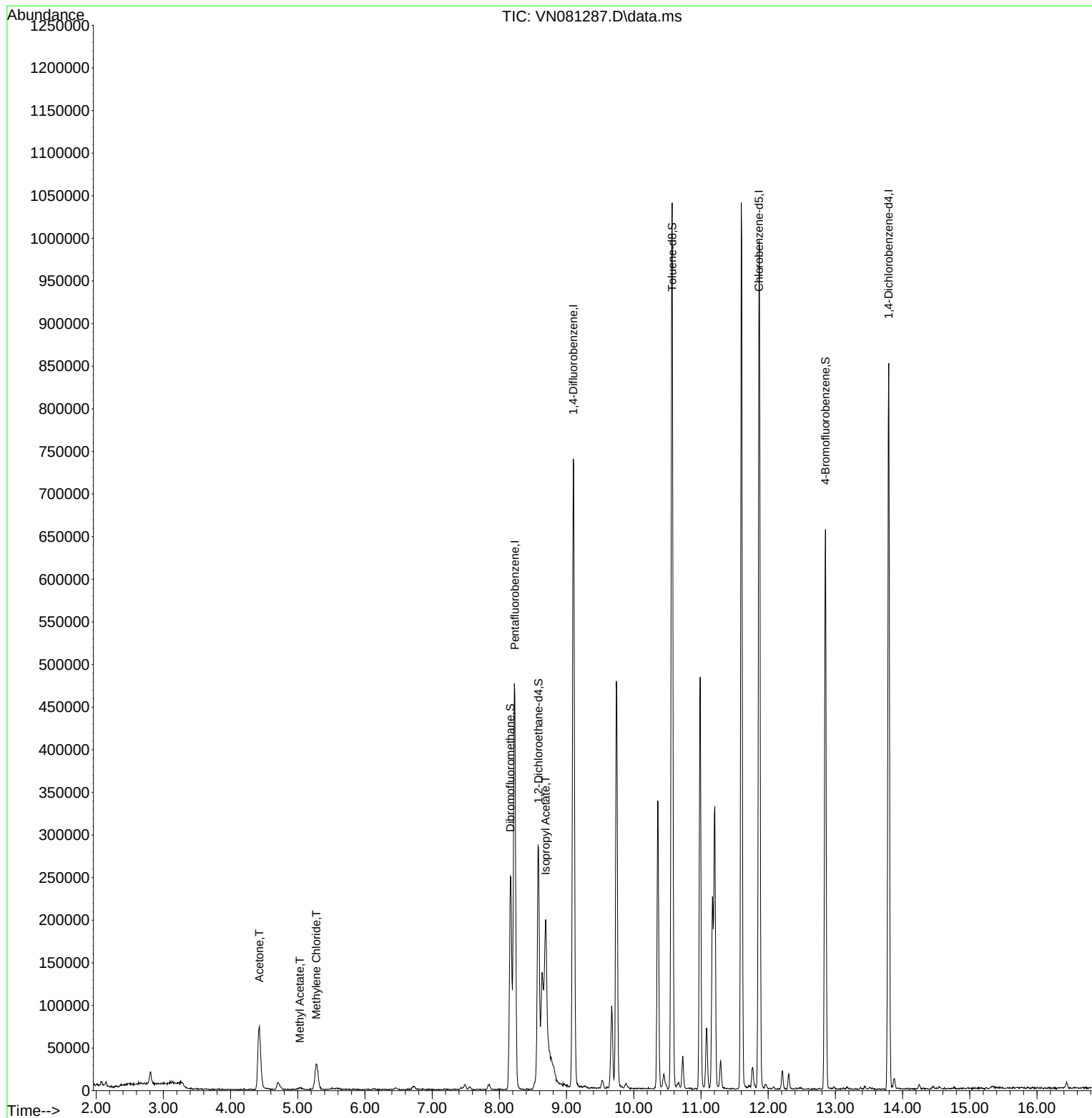
Internal Standards						
1) Pentafluorobenzene	8.229	168	330062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	637401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	570301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230389	56.948	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.900%	
35) Dibromofluoromethane	8.165	113	180237	50.006	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.020%	
50) Toluene-d8	10.570	98	710566	55.506	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	111.020%	
62) 4-Bromofluorobenzene	12.853	95	223810	46.528	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.060%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	140223	88.087	ug/l	97
18) Methyl Acetate	5.030	43	5017	1.292	ug/l #	83
20) Methylene Chloride	5.277	84	24823	5.195	ug/l #	79
43) Isopropyl Acetate	8.688	43	287945	29.543	ug/l #	78

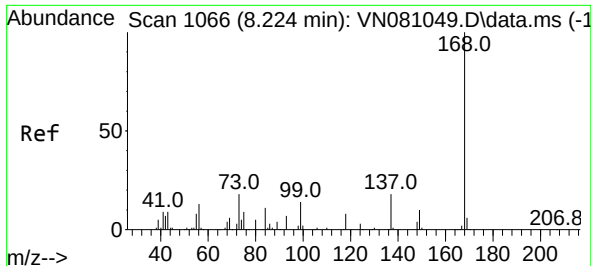
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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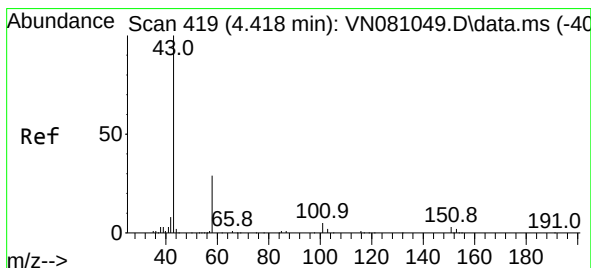
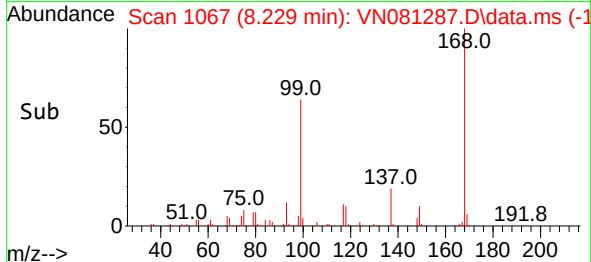
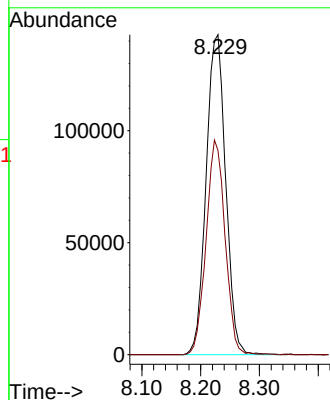
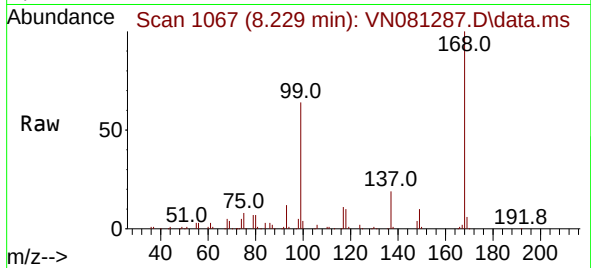




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081287.D
Acq: 01 Mar 2024 15:55

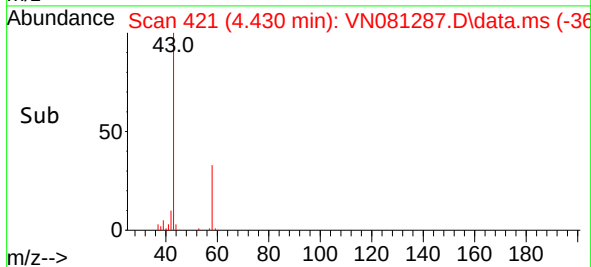
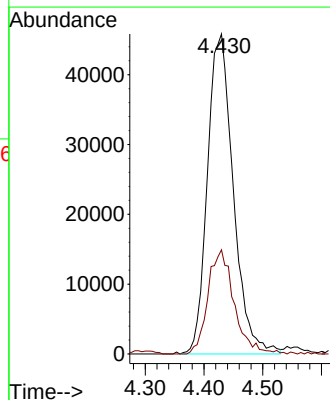
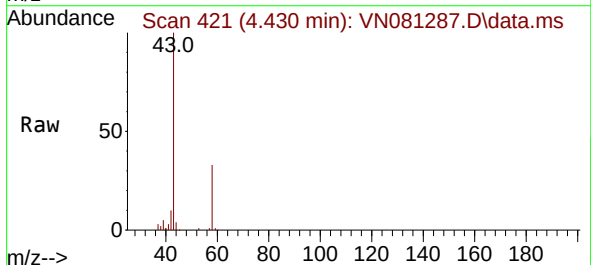
Instrument :
MSVOA_N
ClientSampleId :
WC-3

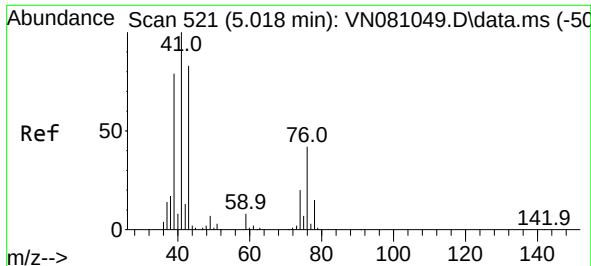
Tgt Ion:168 Resp: 330062
Ion Ratio Lower Upper
168 100
99 63.8 59.9 89.9



#16
Acetone
Concen: 88.087 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.011 min
Lab File: VN081287.D
Acq: 01 Mar 2024 15:55

Tgt Ion: 43 Resp: 140223
Ion Ratio Lower Upper
43 100
58 32.5 24.8 37.2

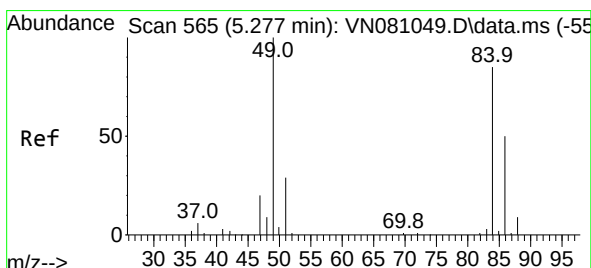
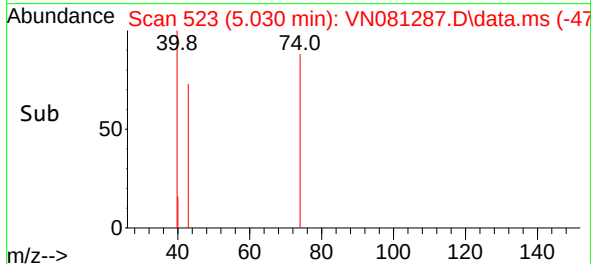
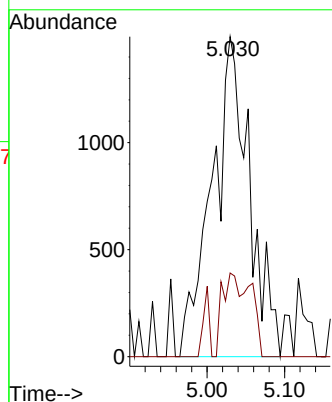
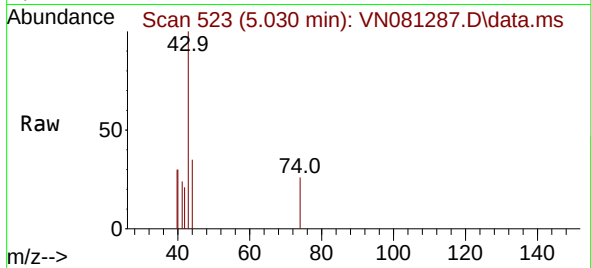




#18
Methyl Acetate
Concen: 1.292 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN081287.D
Acq: 01 Mar 2024 15:55

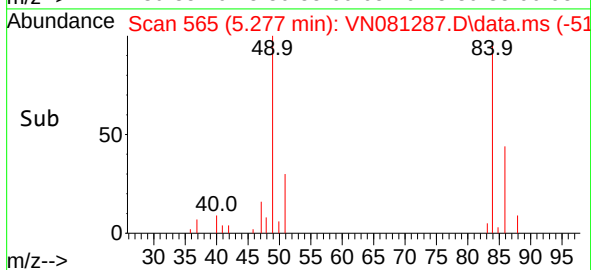
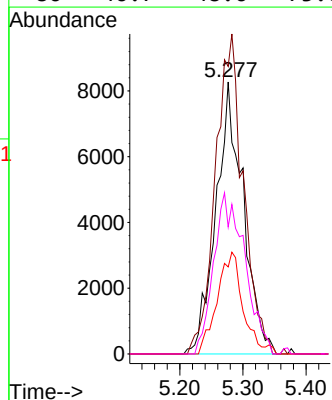
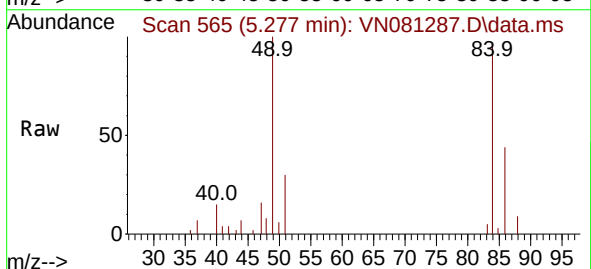
Instrument :
MSVOA_N
ClientSampleId :
WC-3

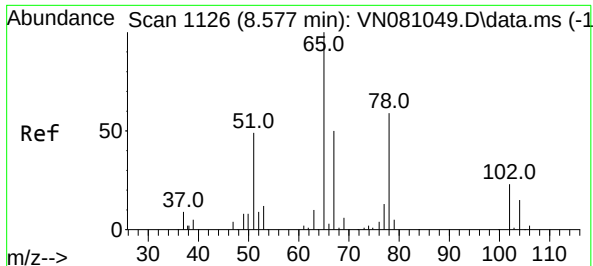
Tgt Ion: 43 Resp: 5017
Ion Ratio Lower Upper
43 100
74 13.8 17.3 25.9#



#20
Methylene Chloride
Concen: 5.195 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081287.D
Acq: 01 Mar 2024 15:55

Tgt Ion: 84 Resp: 24823
Ion Ratio Lower Upper
84 100
49 105.7 108.1 162.1#
51 32.0 32.9 49.3#
86 46.7 48.6 73.0#





#33

1,2-Dichloroethane-d4

Concen: 56.948 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081287.D

Acq: 01 Mar 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :

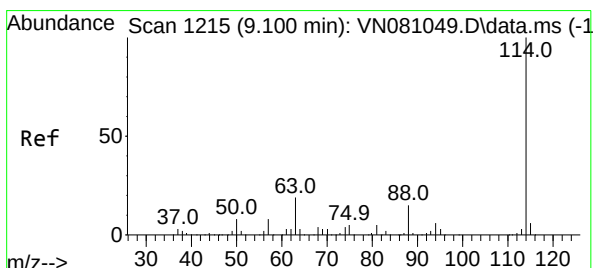
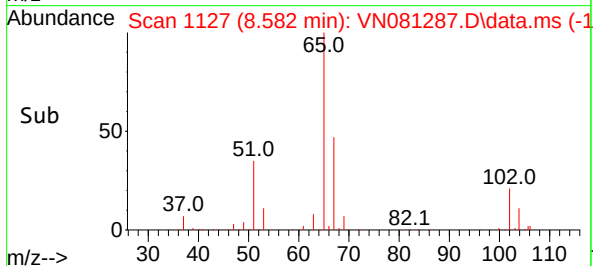
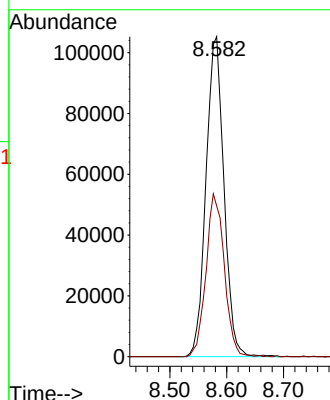
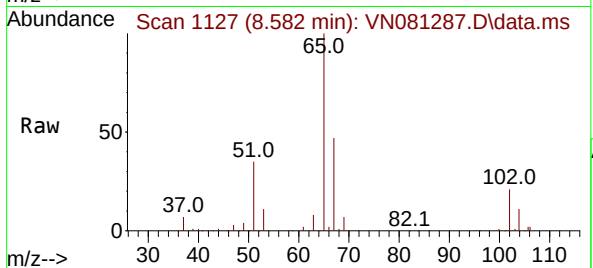
WC-3

Tgt Ion: 65 Resp: 230389

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081287.D

Acq: 01 Mar 2024 15:55

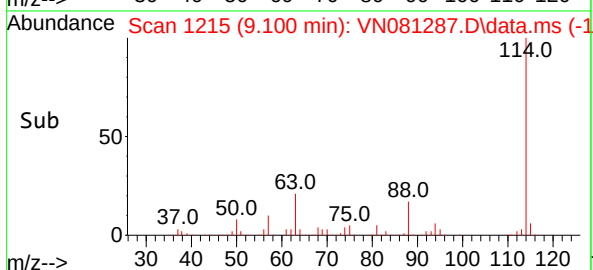
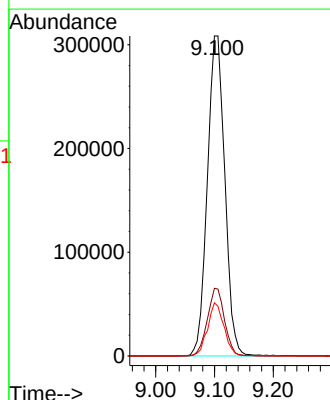
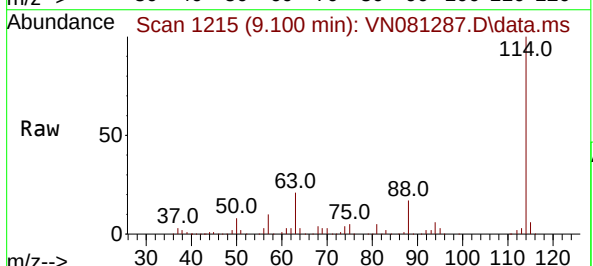
Tgt Ion: 114 Resp: 637401

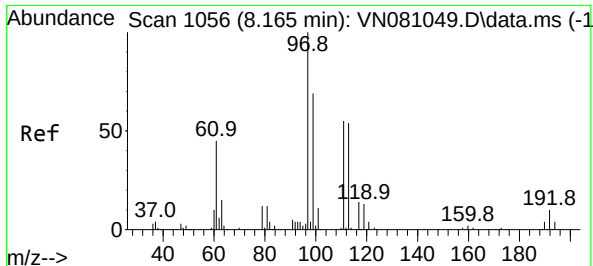
Ion Ratio Lower Upper

114 100

63 21.2 0.0 48.0

88 16.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.006 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN081287.D

Acq: 01 Mar 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :

WC-3

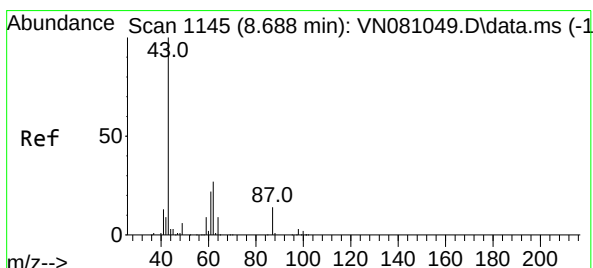
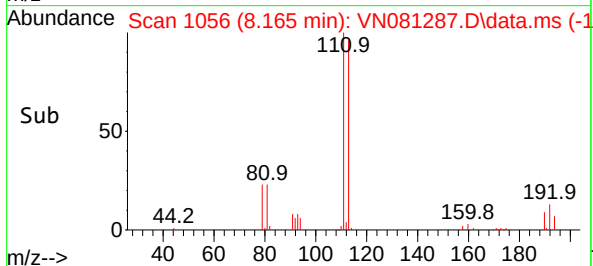
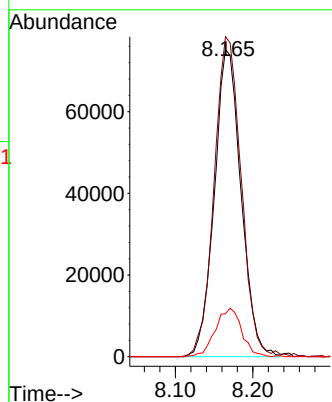
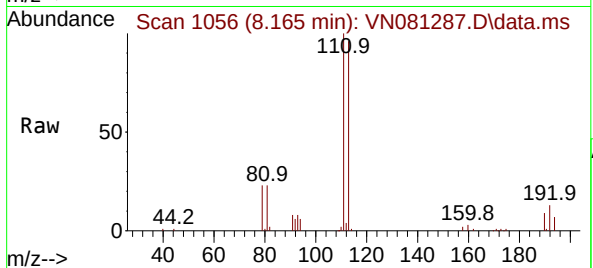
Tgt Ion:113 Resp: 180237

Ion Ratio Lower Upper

113 100

111 105.3 82.2 123.4

192 15.6 12.5 18.7



#43

Isopropyl Acetate

Concen: 29.543 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081287.D

Acq: 01 Mar 2024 15:55

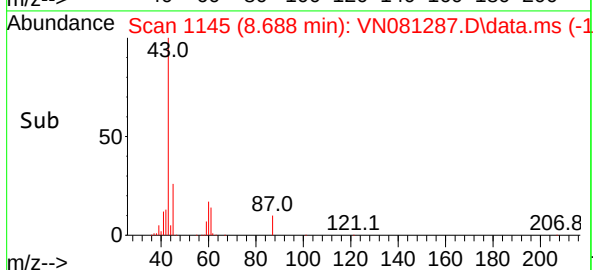
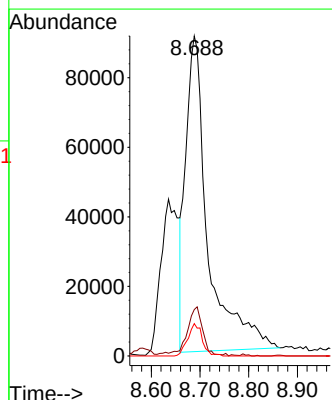
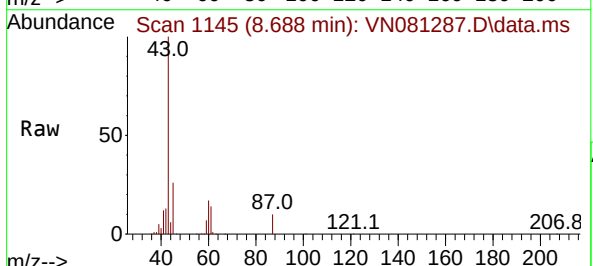
Tgt Ion: 43 Resp: 287945

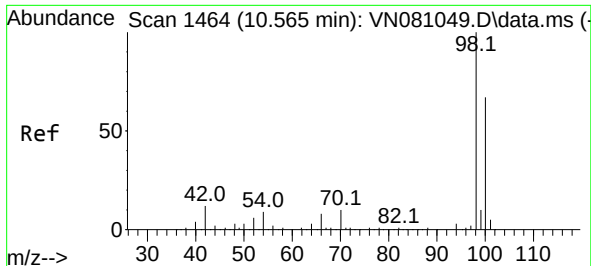
Ion Ratio Lower Upper

43 100

61 11.4 19.9 29.9#

87 6.7 9.0 13.6#

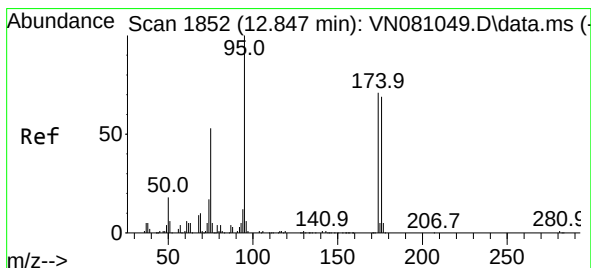
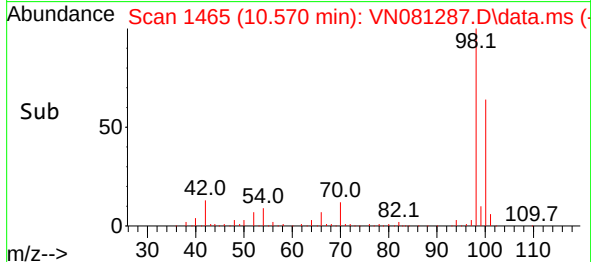
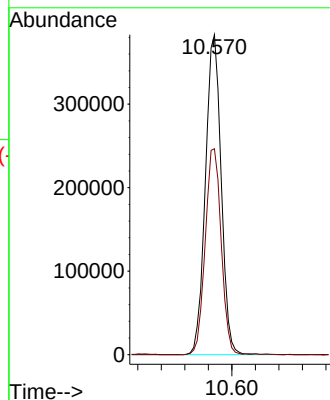
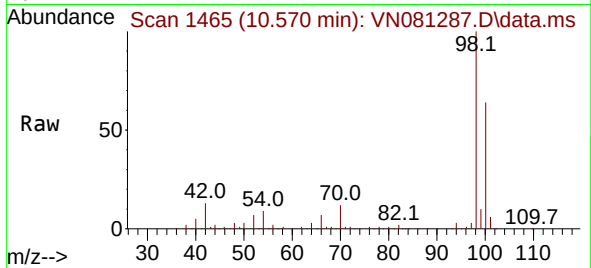




#50
Toluene-d8
Concen: 55.506 ug/l
RT: 10.570 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN081287.D
Acq: 01 Mar 2024 15:55

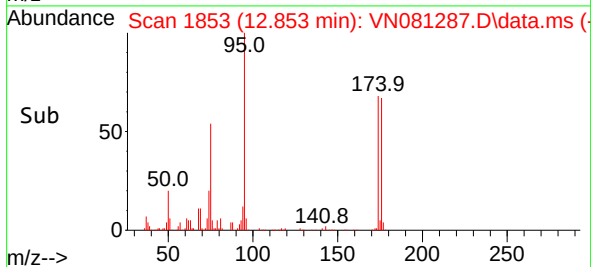
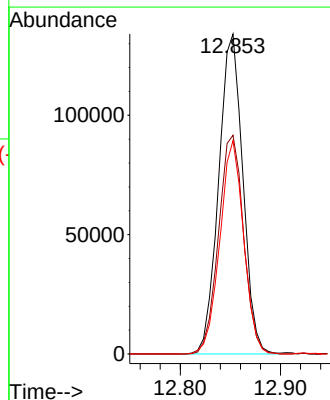
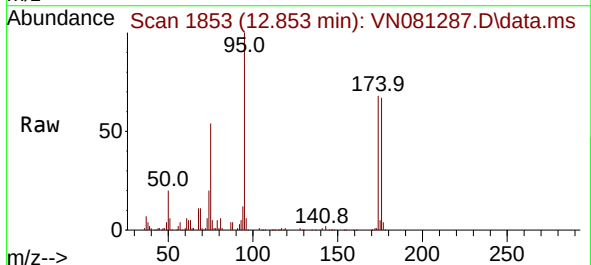
Instrument :
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ClientSampleId :
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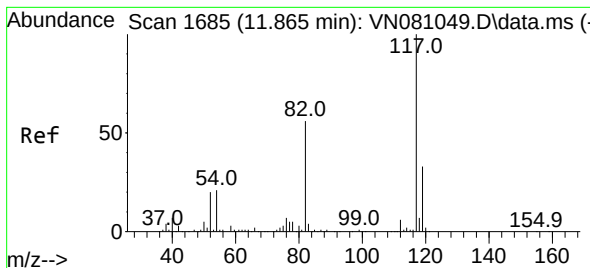
Tgt Ion: 98 Resp: 710566
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.528 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081287.D
Acq: 01 Mar 2024 15:55

Tgt Ion: 95 Resp: 223810
Ion Ratio Lower Upper
95 100
174 70.7 0.0 120.4
176 65.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081287.D

Acq: 01 Mar 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :

WC-3

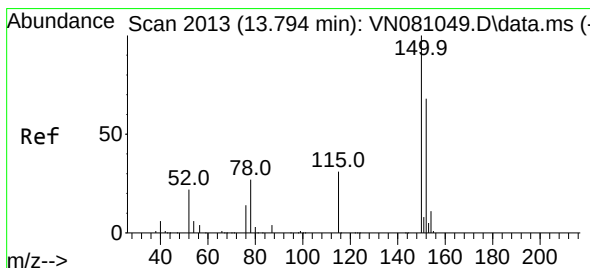
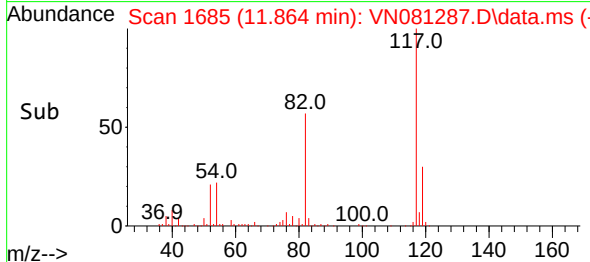
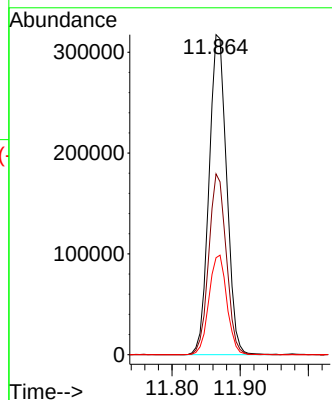
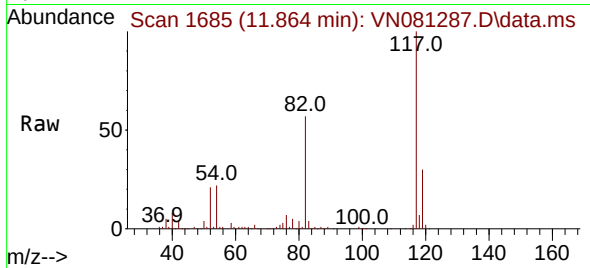
Tgt Ion:117 Resp: 570301

Ion Ratio Lower Upper

117 100

82 56.5 52.7 79.1

119 30.3 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081287.D

Acq: 01 Mar 2024 15:55

Tgt Ion:152 Resp: 215480

Ion Ratio Lower Upper

152 100

115 64.5 32.3 96.8

150 158.4 0.0 339.8

