

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082056.D
 Acq On : 09 May 2024 17:22
 Operator : JC\MD
 Sample : P2411-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TPA

Quant Time: May 10 03:54:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

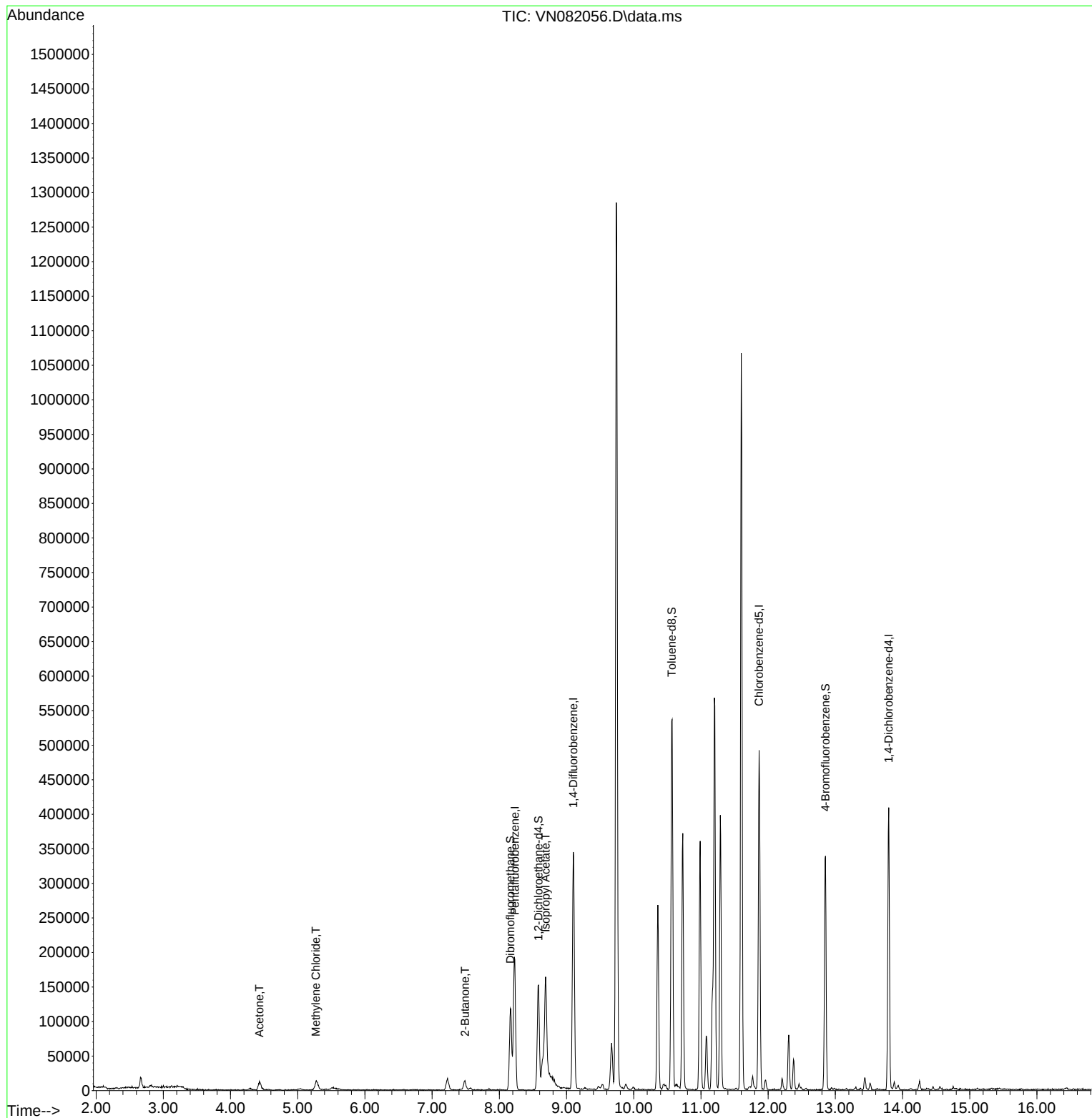
Internal Standards						
1) Pentafluorobenzene	8.230	168	125229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118999	56.303	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.600%
35) Dibromofluoromethane	8.165	113	83070	49.742	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	10.565	98	363135	55.366	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.740%
62) 4-Bromofluorobenzene	12.853	95	119515	46.096	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.200%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	21806	30.080	ug/l	100
20) Methylene Chloride	5.271	84	9466	5.226	ug/l #	82
25) 2-Butanone	7.489	43	21674	18.068	ug/l	96
43) Isopropyl Acetate	8.688	43	243869	44.152	ug/l #	73

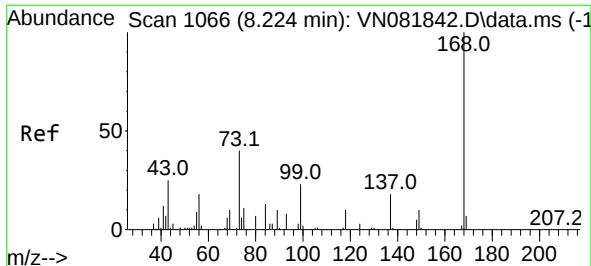
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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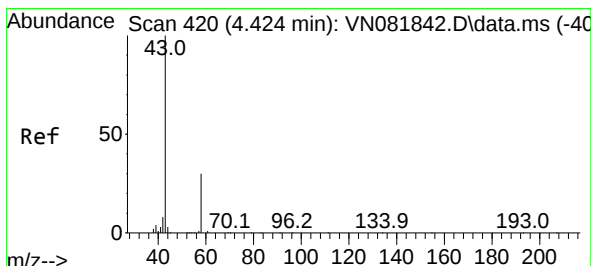
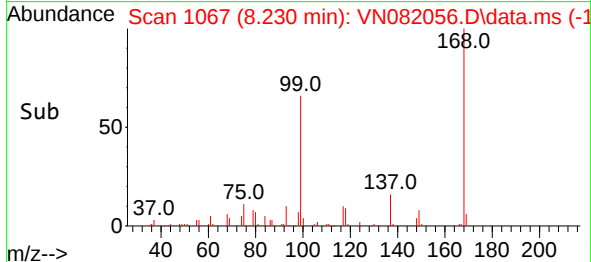
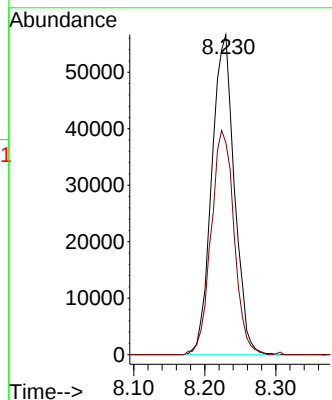
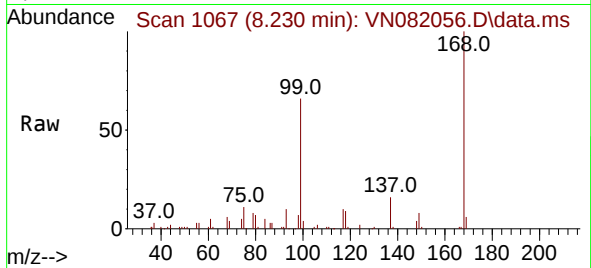




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082056.D
Acq: 09 May 2024 17:22

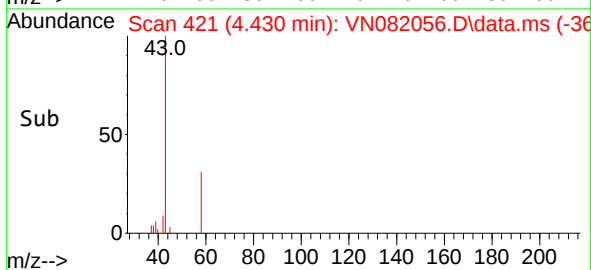
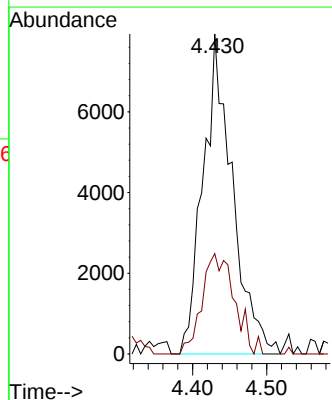
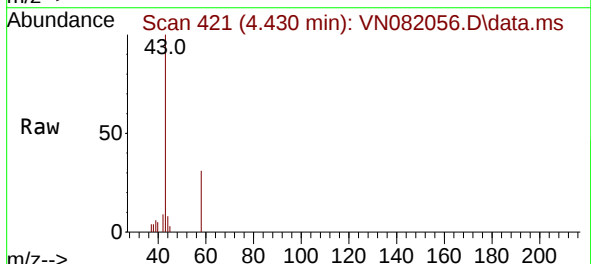
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPA

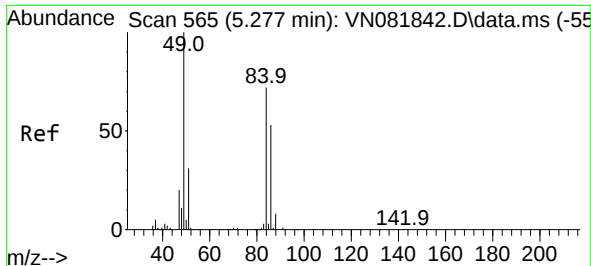
Tgt Ion:168 Resp: 125229
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#16
Acetone
Concen: 30.080 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082056.D
Acq: 09 May 2024 17:22

Tgt Ion: 43 Resp: 21806
Ion Ratio Lower Upper
43 100
58 31.4 25.2 37.8

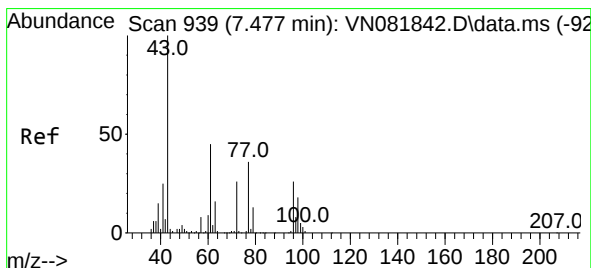
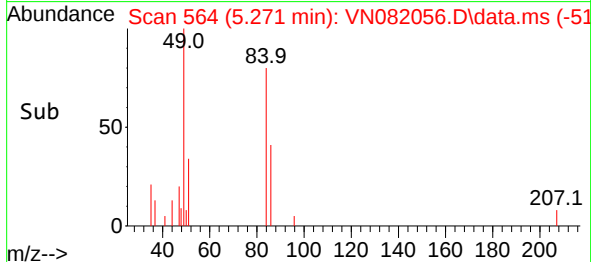
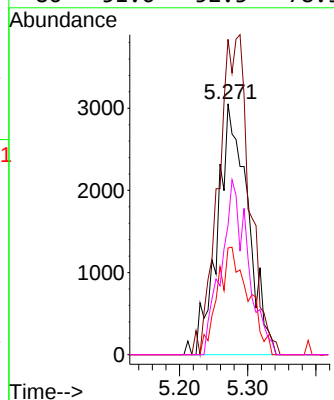
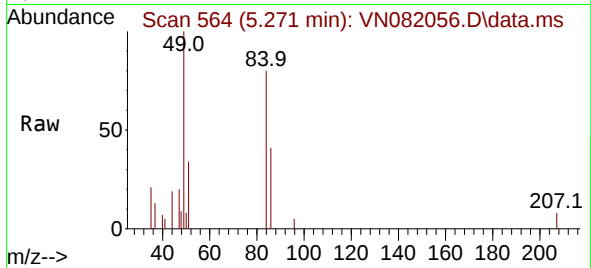




#20
Methylene Chloride
Concen: 5.226 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082056.D
Acq: 09 May 2024 17:22

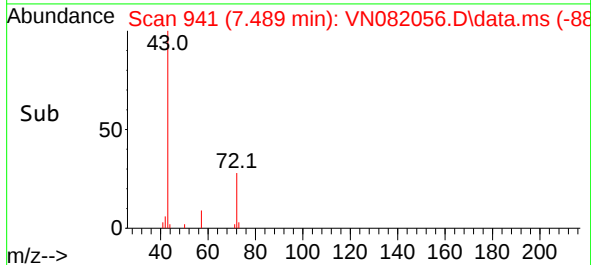
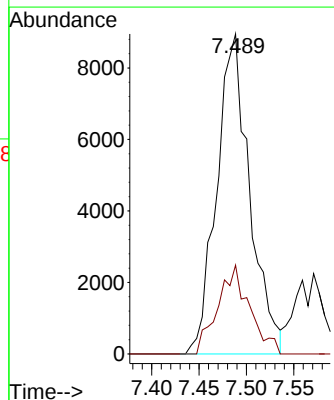
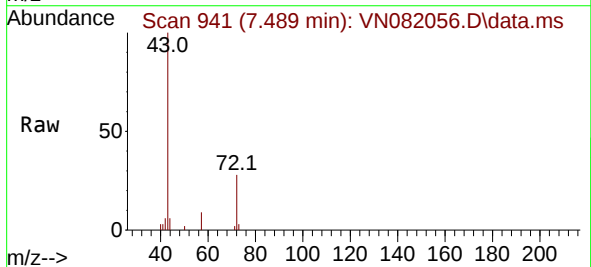
Instrument :
MSVOA_N
ClientSampleId :
WCS-TPA

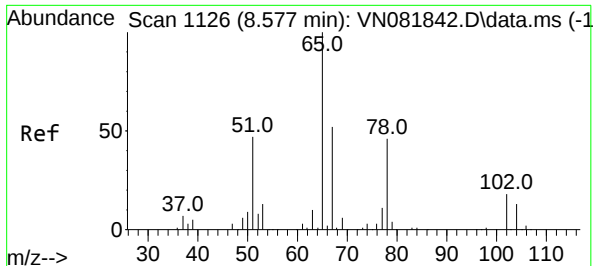
Tgt Ion:	84	Resp:	9466
Ion	Ratio	Lower	Upper
84	100		
49	125.7	84.9	127.3
51	42.5	27.0	40.6#
86	51.6	52.3	78.5#



#25
2-Butanone
Concen: 18.068 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082056.D
Acq: 09 May 2024 17:22

Tgt Ion:	43	Resp:	21674
Ion	Ratio	Lower	Upper
43	100		
72	29.1	25.3	37.9





#33

1,2-Dichloroethane-d4

Concen: 56.303 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082056.D

Acq: 09 May 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :

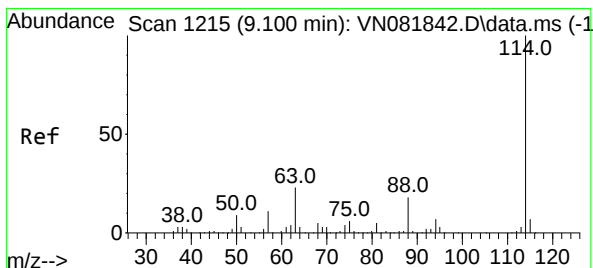
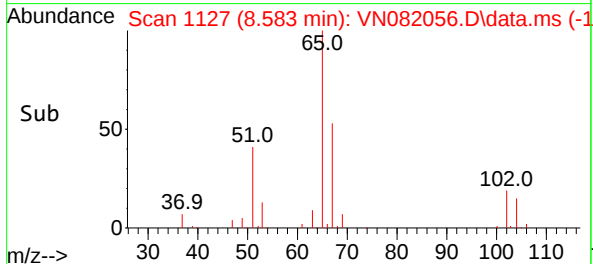
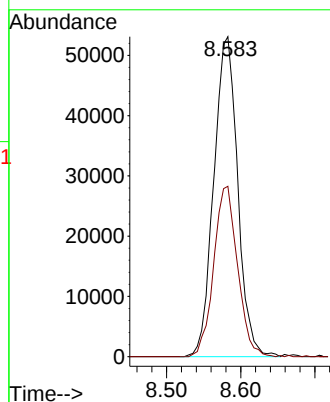
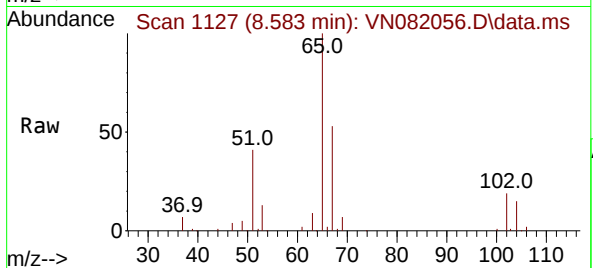
WCS-TPA

Tgt Ion: 65 Resp: 118999

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN082056.D

Acq: 09 May 2024 17:22

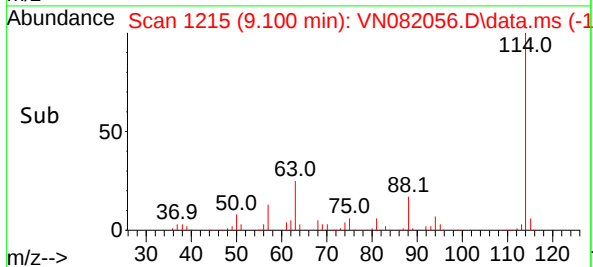
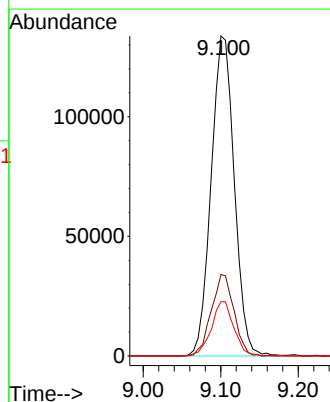
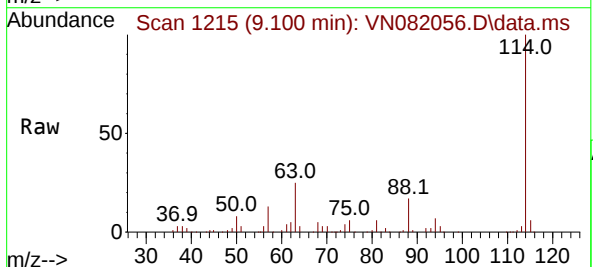
Tgt Ion: 114 Resp: 277370

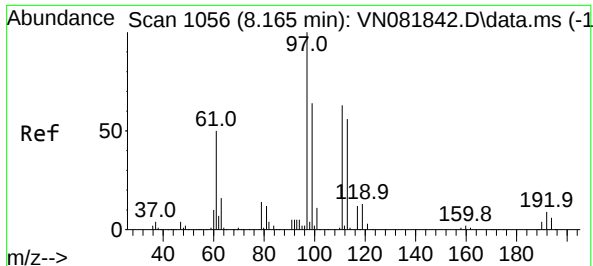
Ion Ratio Lower Upper

114 100

63 25.4 0.0 41.0

88 17.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.742 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN082056.D

Acq: 09 May 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :

WCS-TPA

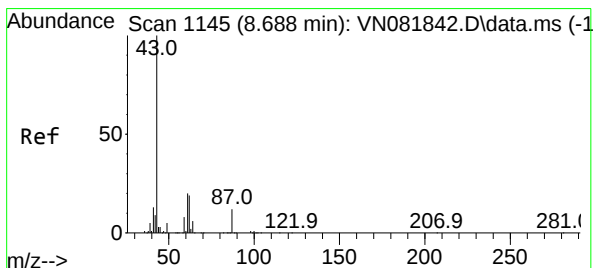
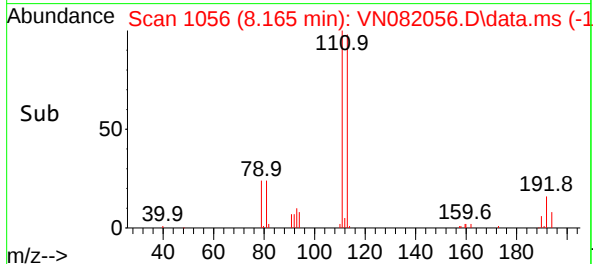
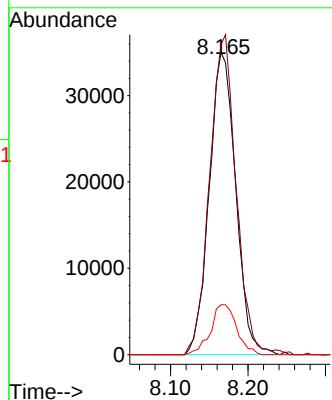
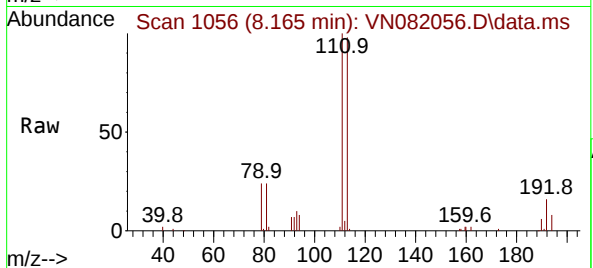
Tgt Ion:113 Resp: 83070

Ion Ratio Lower Upper

113 100

111 105.5 83.4 125.2

192 16.3 14.0 21.0



#43

Isopropyl Acetate

Concen: 44.152 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082056.D

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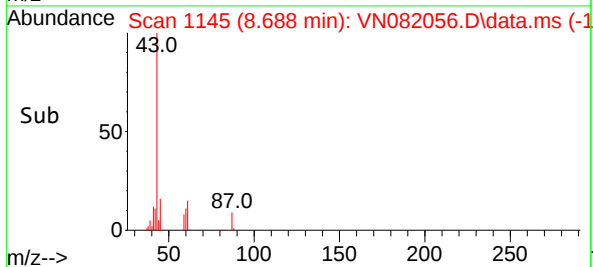
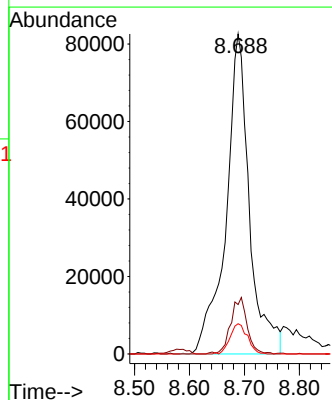
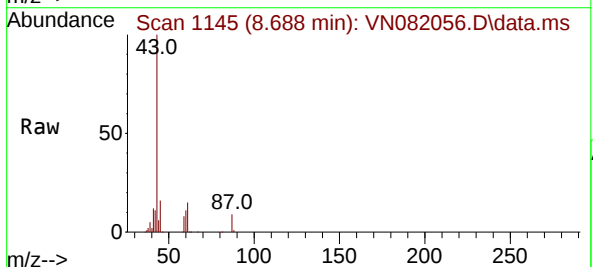
Tgt Ion: 43 Resp: 243869

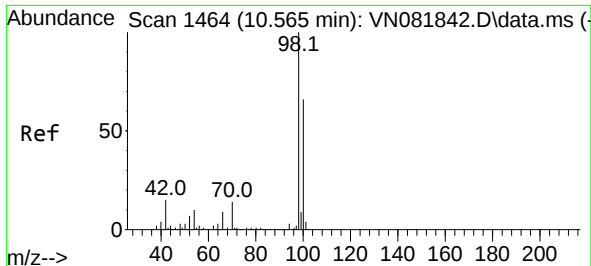
Ion Ratio Lower Upper

43 100

61 12.4 22.8 34.2#

87 7.0 12.0 18.0#

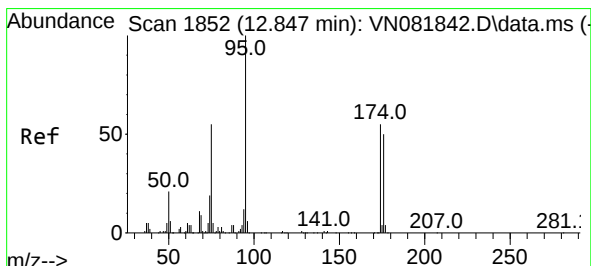
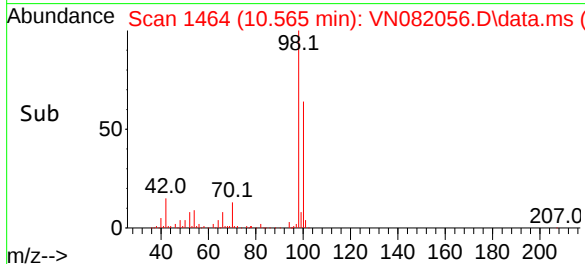
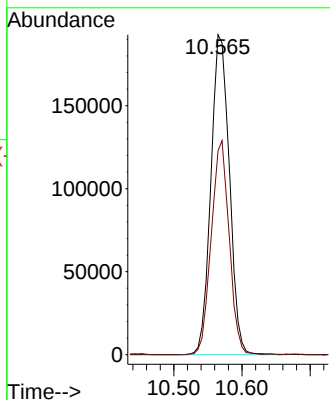
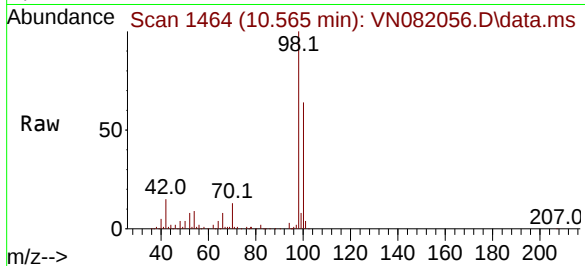




#50
Toluene-d8
Concen: 55.366 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082056.D
Acq: 09 May 2024 17:22

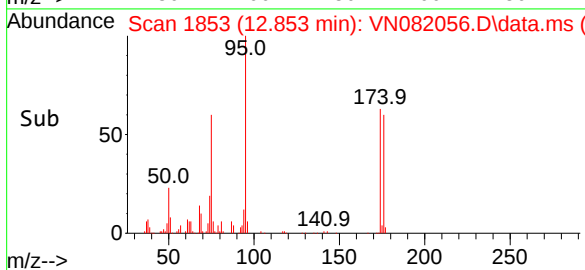
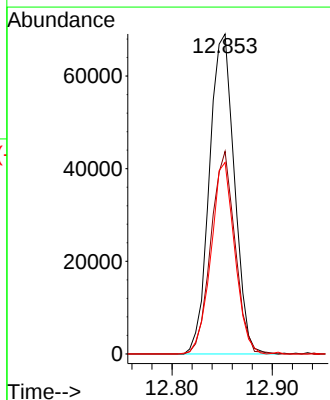
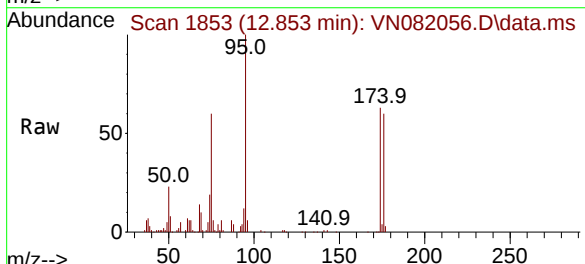
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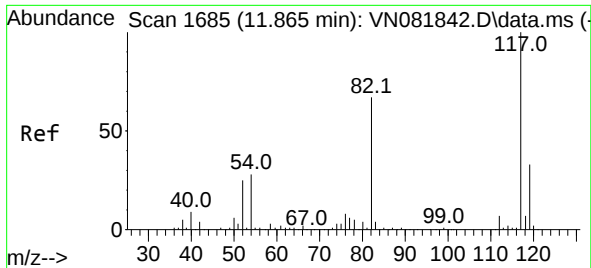
Tgt Ion: 98 Resp: 363135
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.096 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082056.D
Acq: 09 May 2024 17:22

Tgt Ion: 95 Resp: 119515
Ion Ratio Lower Upper
95 100
174 61.1 0.0 160.6
176 57.1 0.0 152.8

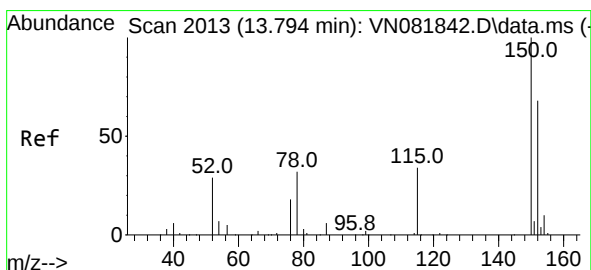
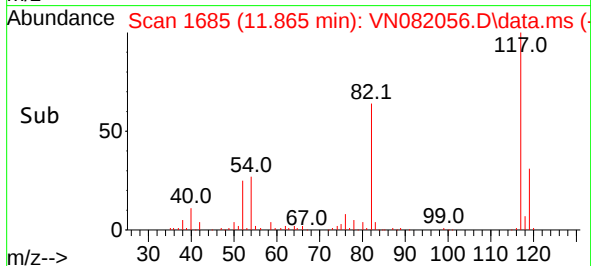
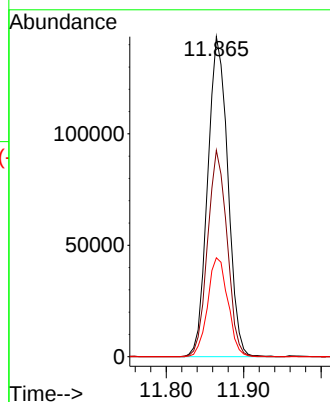
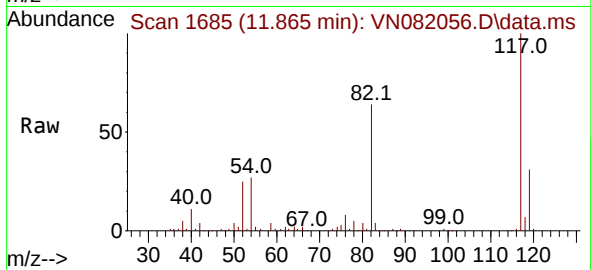




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082056.D
Acq: 09 May 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :
WCS-TPA

Tgt Ion:117 Resp: 259042
Ion Ratio Lower Upper
117 100
82 64.5 44.6 66.8
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082056.D
Acq: 09 May 2024 17:22

Tgt Ion:152 Resp: 93960
Ion Ratio Lower Upper
152 100
115 66.7 30.4 91.3
150 158.2 0.0 353.2

