

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082128.D
 Acq On : 15 May 2024 13:01
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 16 04:56:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

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

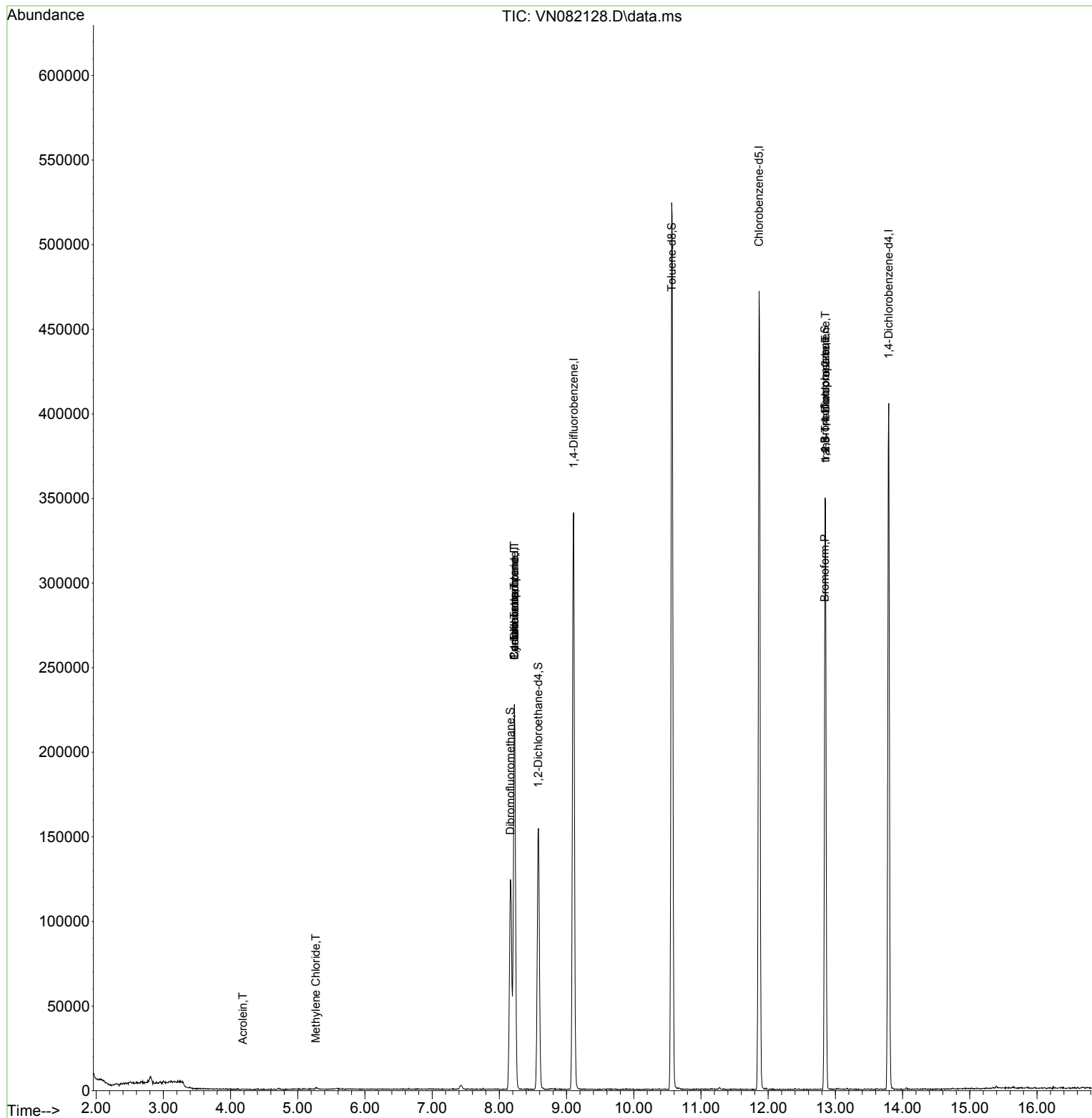
Internal Standards						
1) Pentafluorobenzene	8.224	168	155229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128195	52.301	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.600%			
35) Dibromofluoromethane	8.165	113	89288	53.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.400%			
50) Toluene-d8	10.565	98	341535	53.576	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.160%			
62) 4-Bromofluorobenzene	12.847	95	112912	49.625	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.240%			
Target Compounds						Qvalue
13) Acrolein	4.183	56	74	0.254	ug/l	96
20) Methylene Chloride	5.271	84	446	0.220	ug/l #	85
31) Cyclohexane	8.224	56	4510	1.152	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	14619	5.242	ug/l #	48
38) Carbon Tetrachloride	8.224	117	16751	5.926	ug/l #	16
71) Bromoform	12.841	173	358	0.949	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	66152	31.743	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66152	77.944	ug/l #	12

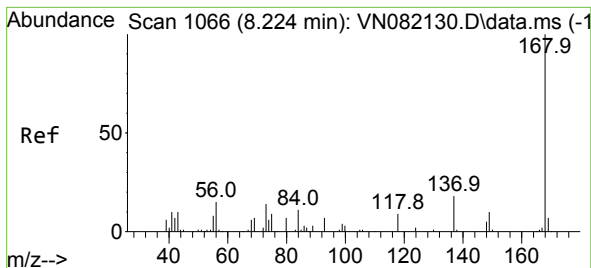
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

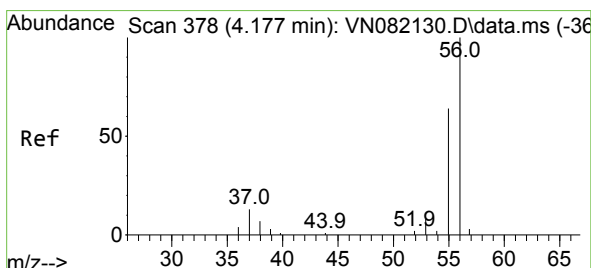
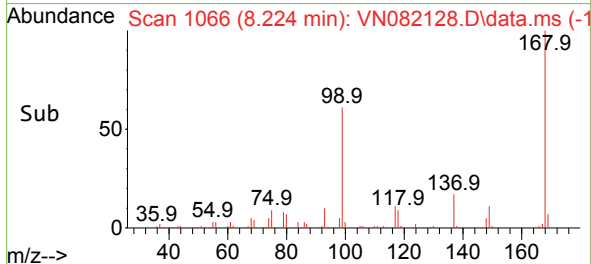
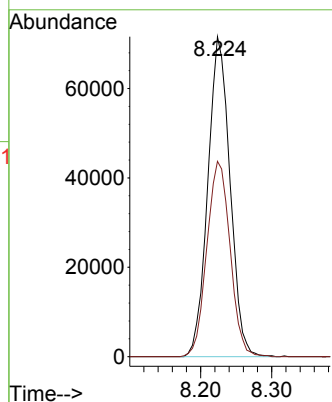
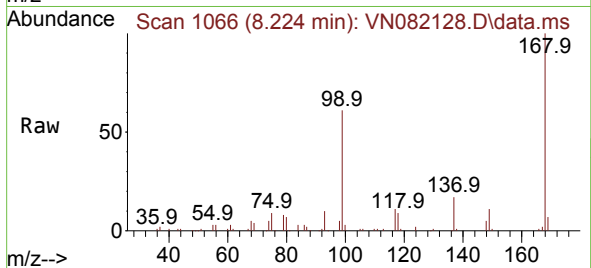
IBLK

Tgt Ion:168 Resp: 155229

Ion Ratio Lower Upper

168 100

99 61.1 48.2 72.4



#13

Acrolein

Concen: 0.254 ug/l

RT: 4.183 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN082128.D

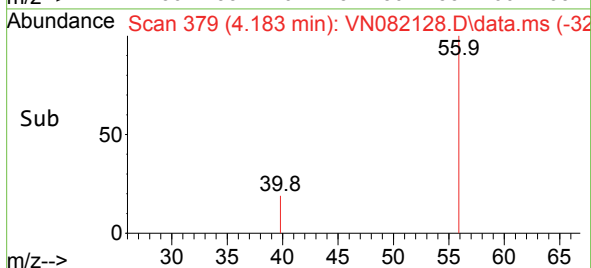
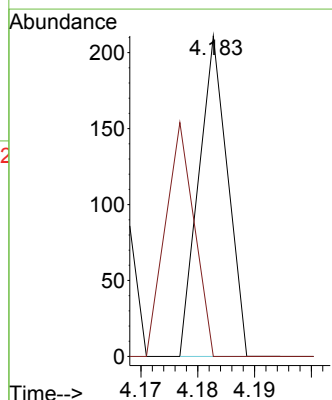
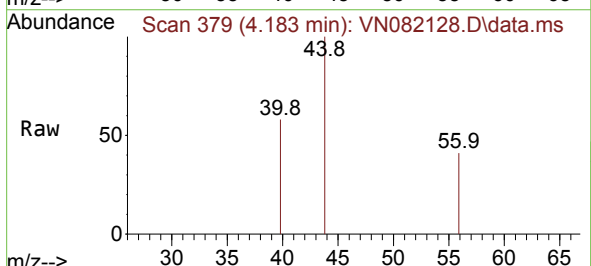
Acq: 15 May 2024 13:01

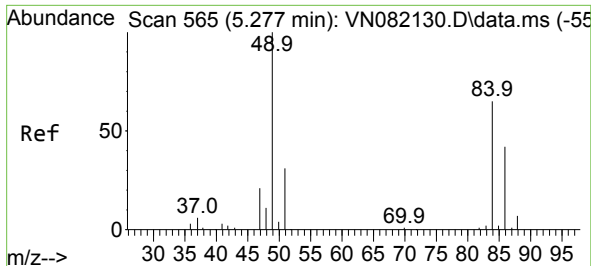
Tgt Ion: 56 Resp: 74

Ion Ratio Lower Upper

56 100

55 73.0 55.8 83.8

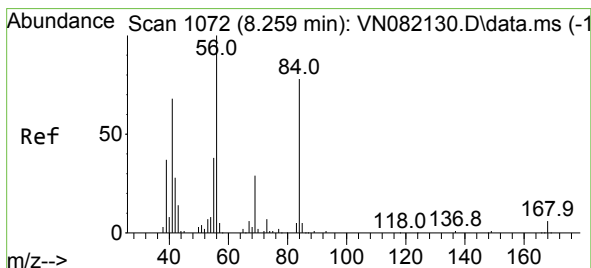
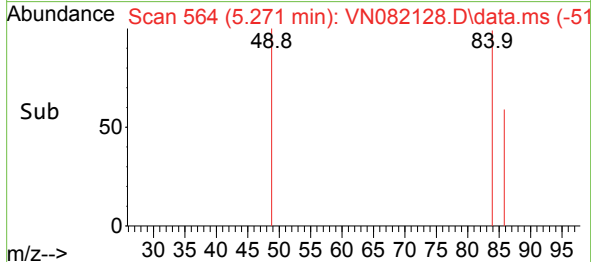
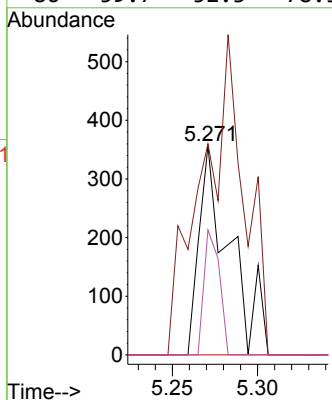
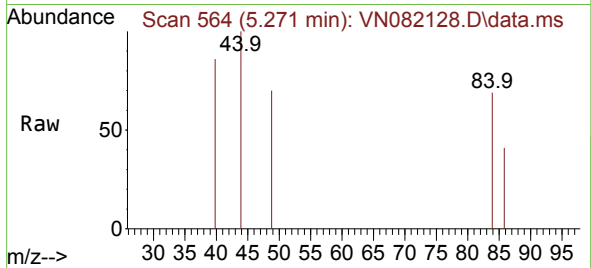




#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082128.D
Acq: 15 May 2024 13:01

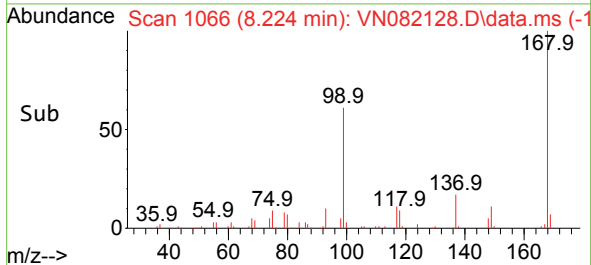
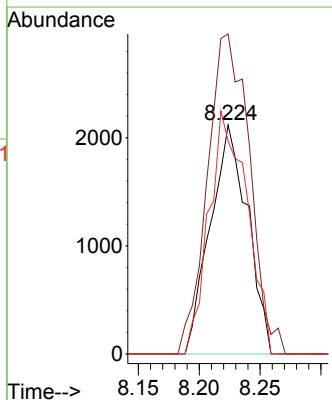
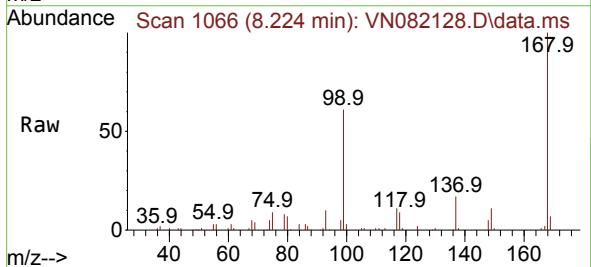
Instrument :
MSVOA_N
ClientSampleId :
IBLK

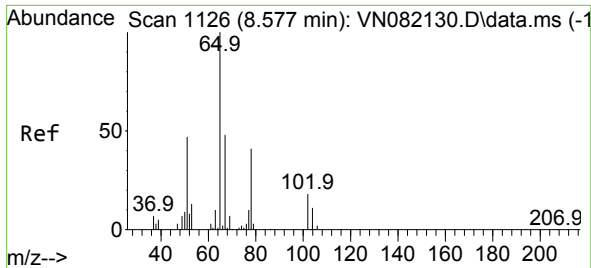
Tgt Ion:	84	Resp:	446
Ion	Ratio	Lower	Upper
84	100		
49	100.8	84.9	127.3
51	0.0	27.0	40.6#
86	59.7	52.3	78.5



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082128.D
Acq: 15 May 2024 13:01

Tgt Ion:	56	Resp:	4510
Ion	Ratio	Lower	Upper
56	100		
69	139.8	24.4	36.6#
84	93.0	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 52.301 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

Instrument :

MSVOA_N

ClientSampleId :

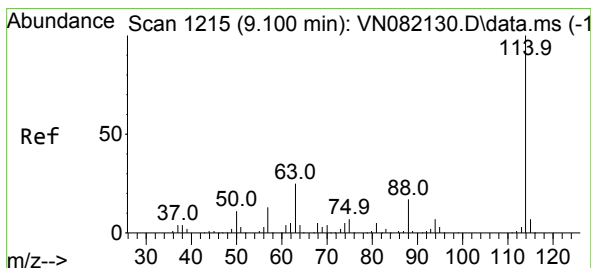
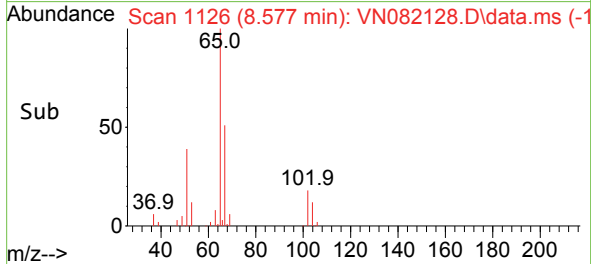
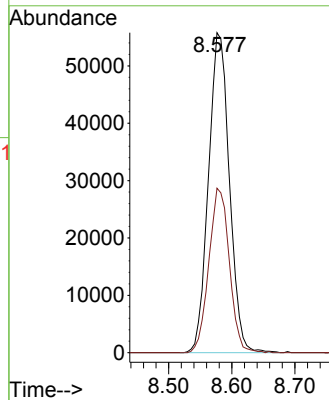
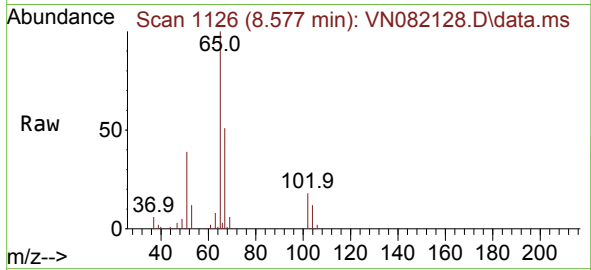
IBLK

Tgt Ion: 65 Resp: 128195

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

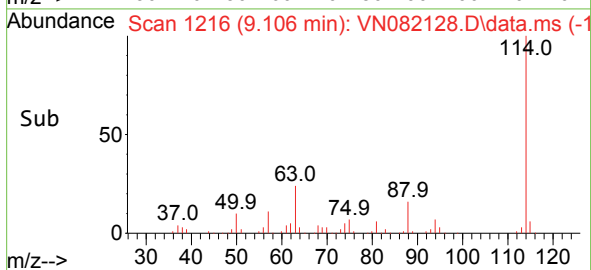
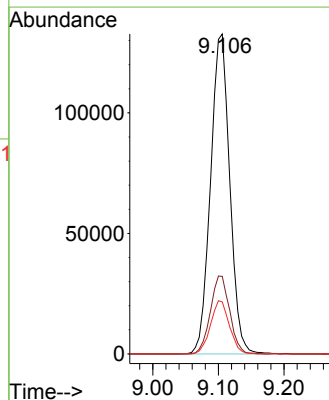
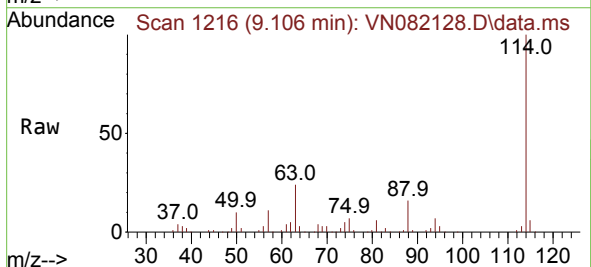
Tgt Ion: 114 Resp: 270296

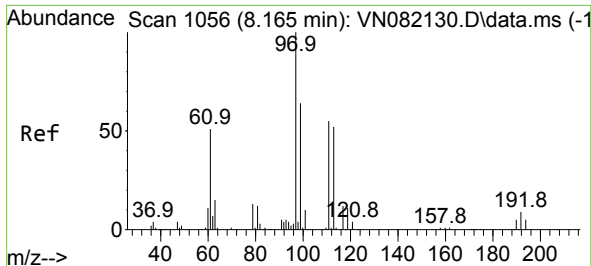
Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 16.2 0.0 31.4

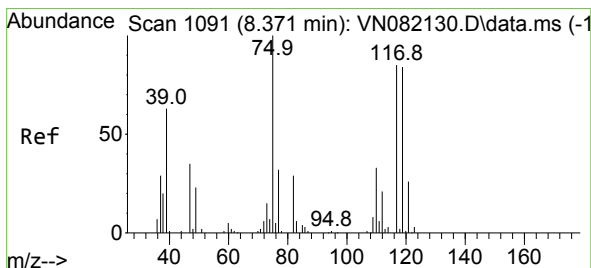
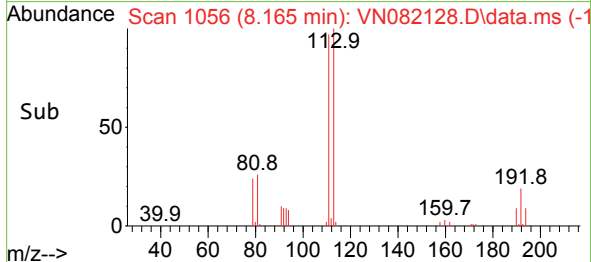
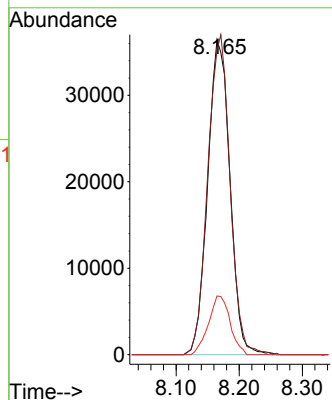
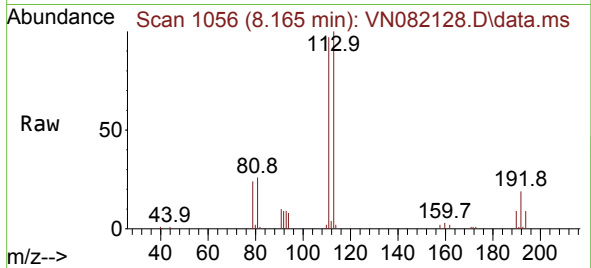




#35
Dibromofluoromethane
Concen: 53.699 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082128.D
Acq: 15 May 2024 13:01

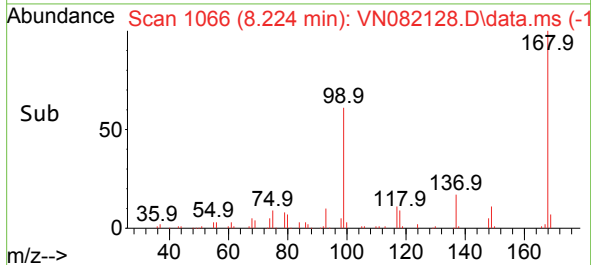
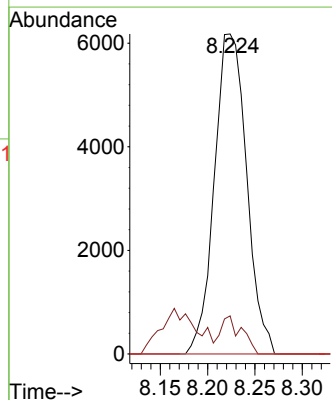
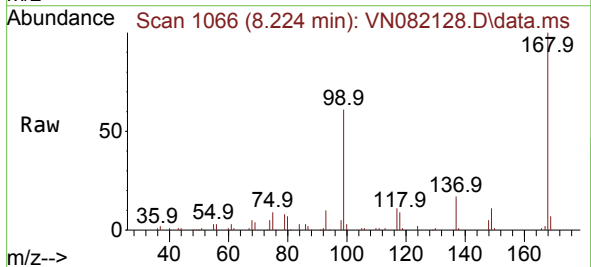
Instrument :
MSVOA_N
ClientSampleId :
IBLK

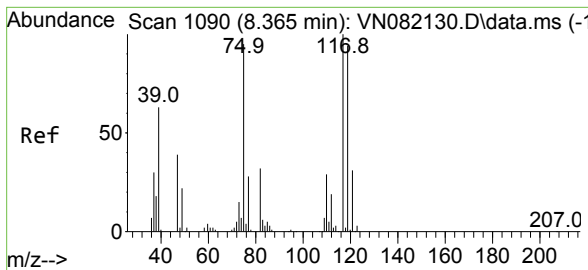
Tgt Ion:113 Resp: 89288
Ion Ratio Lower Upper
113 100
111 101.4 83.4 125.2
192 18.0 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.242 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082128.D
Acq: 15 May 2024 13:01

Tgt Ion: 75 Resp: 14619
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.5#
77 0.0 25.0 37.4#

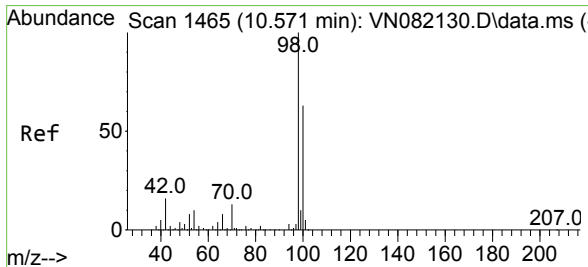
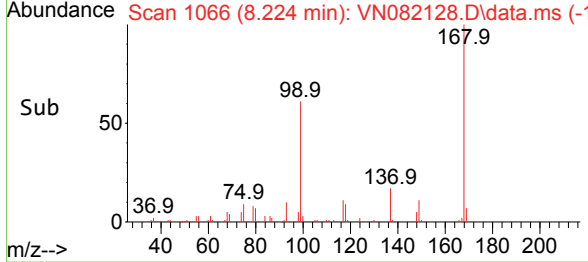
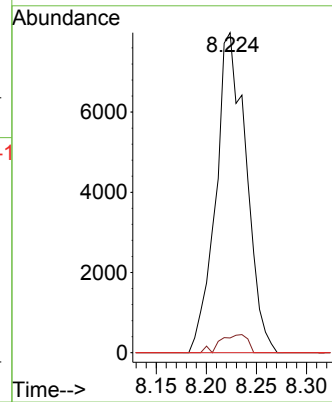
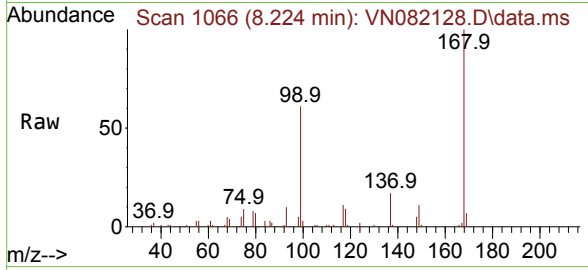




#38
Carbon Tetrachloride
Concen: 5.926 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082128.D
Acq: 15 May 2024 13:01

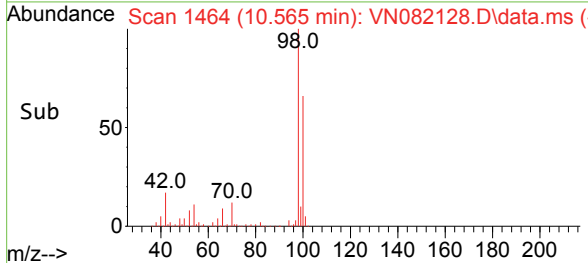
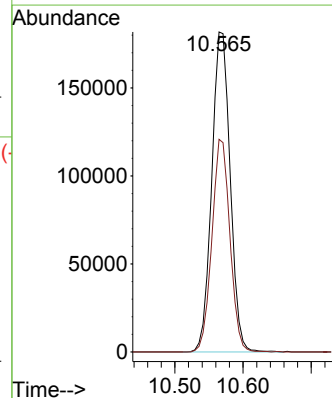
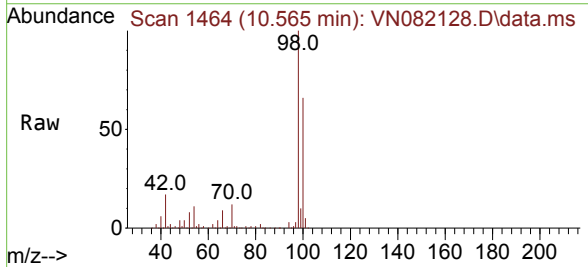
Instrument :
MSVOA_N
ClientSampleId :
IBLK

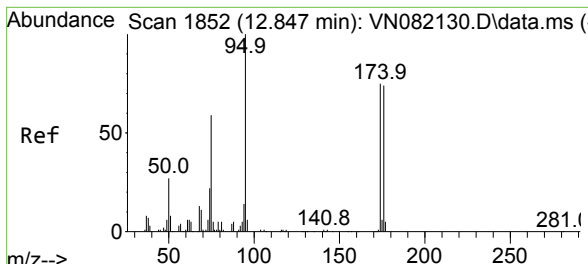
Tgt Ion:117 Resp: 16751
Ion Ratio Lower Upper
117 100
119 4.6 76.5 114.7#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 53.576 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082128.D
Acq: 15 May 2024 13:01

Tgt Ion: 98 Resp: 341535
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

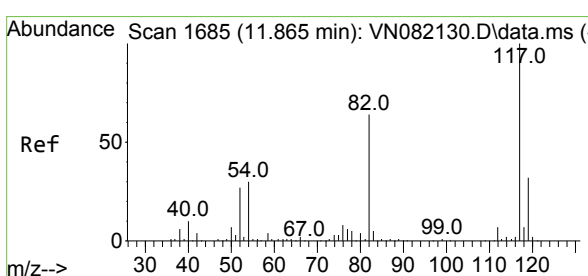
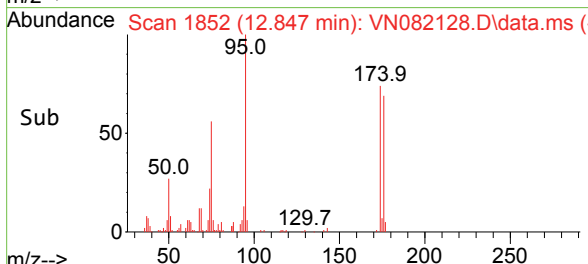
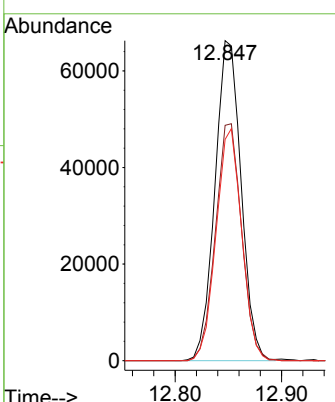
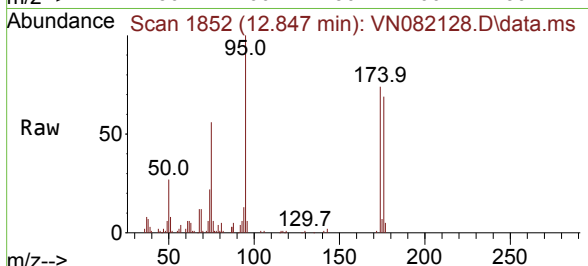




#62
 4-Bromofluorobenzene
 Concen: 49.625 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN082128.D
 Acq: 15 May 2024 13:01

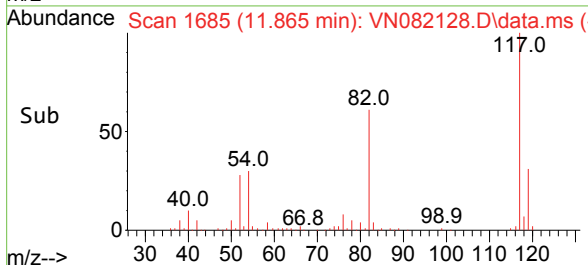
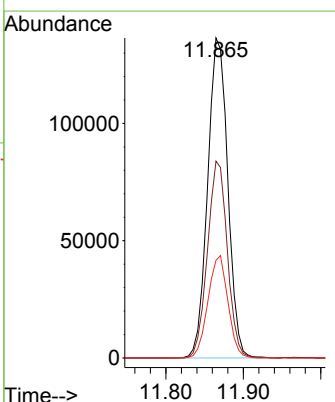
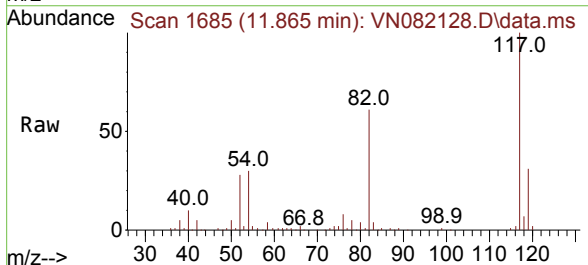
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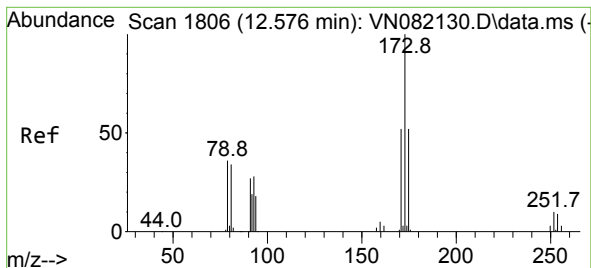
Tgt Ion:	95	Resp:	112912
Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	160.6
176	71.0	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082128.D
 Acq: 15 May 2024 13:01

Tgt Ion:	117	Resp:	246073
Ion	Ratio	Lower	Upper
117	100		
82	61.5	44.6	66.8
119	30.5	25.9	38.9





#71

Bromoform

Concen: 0.949 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

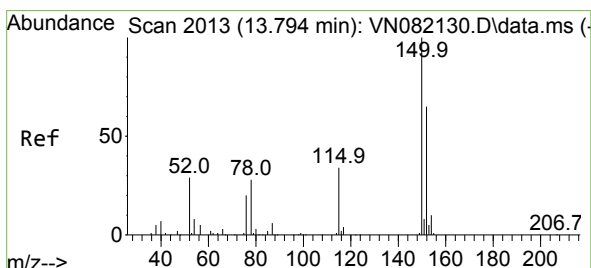
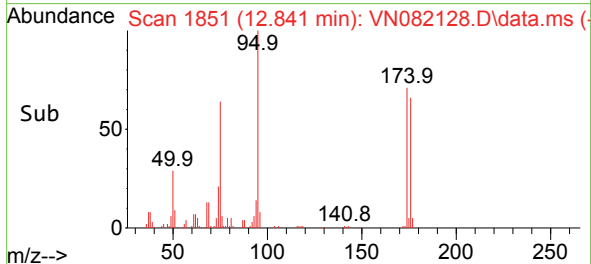
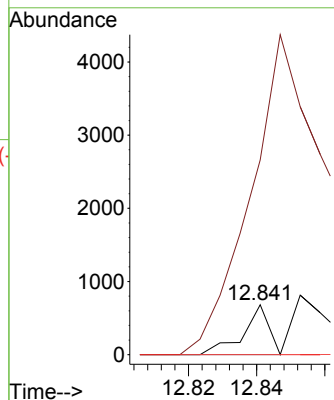
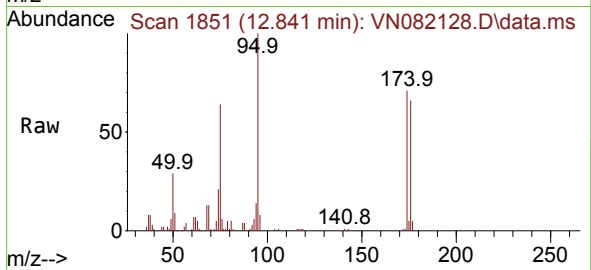
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:173	Resp:	358
Ion Ratio	Lower	Upper
173	100	
175	1292.2	24.6 74.0#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

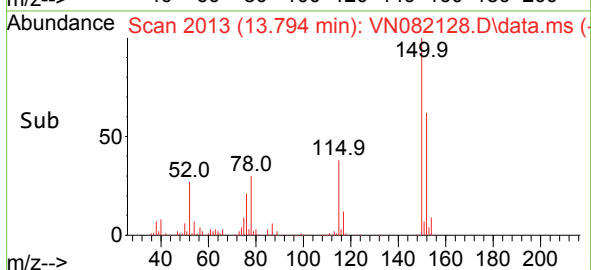
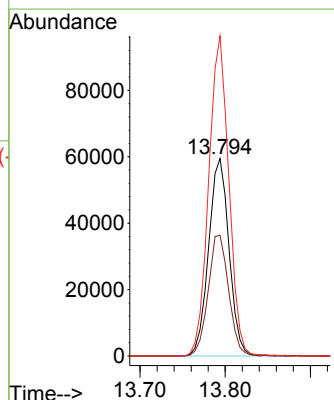
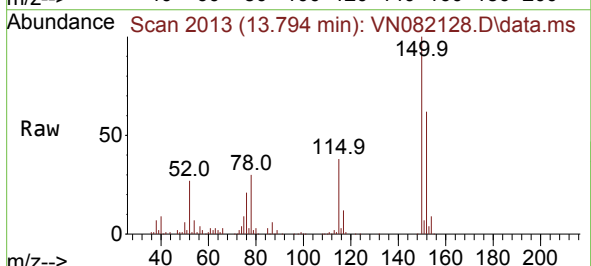
RT: 13.794 min Scan# 2013

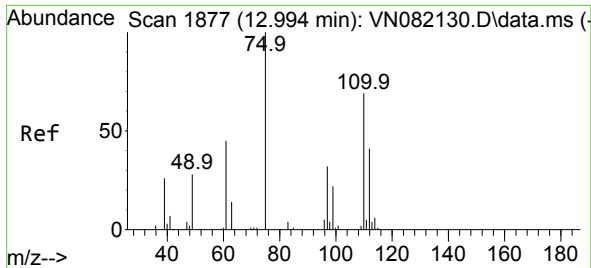
Delta R.T. -0.000 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

Tgt Ion:152	Resp:	99154
Ion Ratio	Lower	Upper
152	100	
115	61.3	30.4 91.3
150	159.5	0.0 353.2

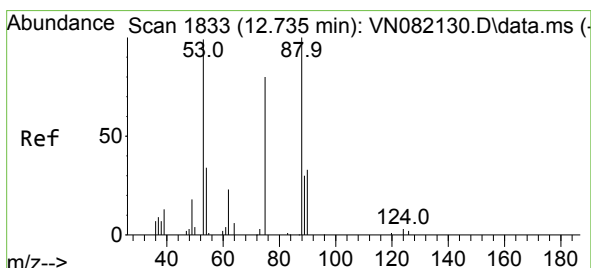
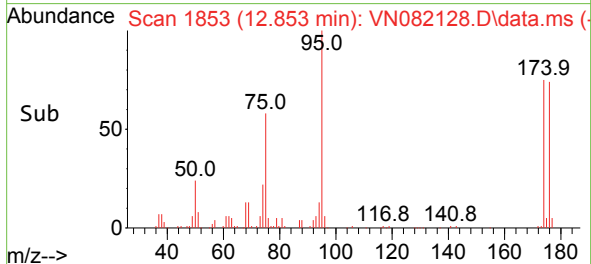
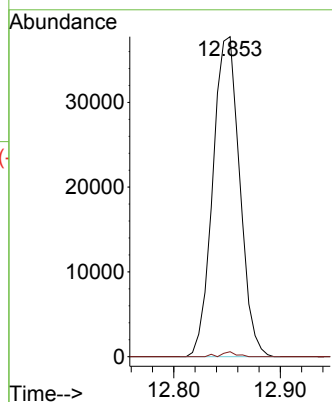
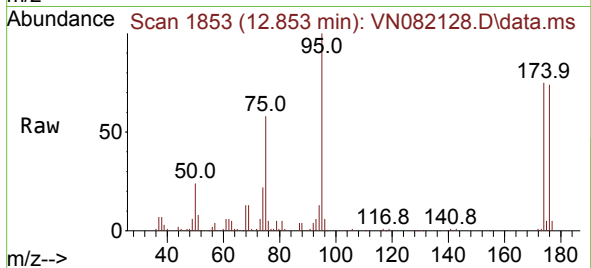




#76
1,2,3-Trichloropropane
Concen: 31.743 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082128.D
Acq: 15 May 2024 13:01

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 66152
Ion Ratio Lower Upper
75 100
77 0.9 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.944 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082128.D
Acq: 15 May 2024 13:01

Tgt Ion: 75 Resp: 66152
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

