

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081997.D
 Acq On : 03 May 2024 17:24
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 01:58:17 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)

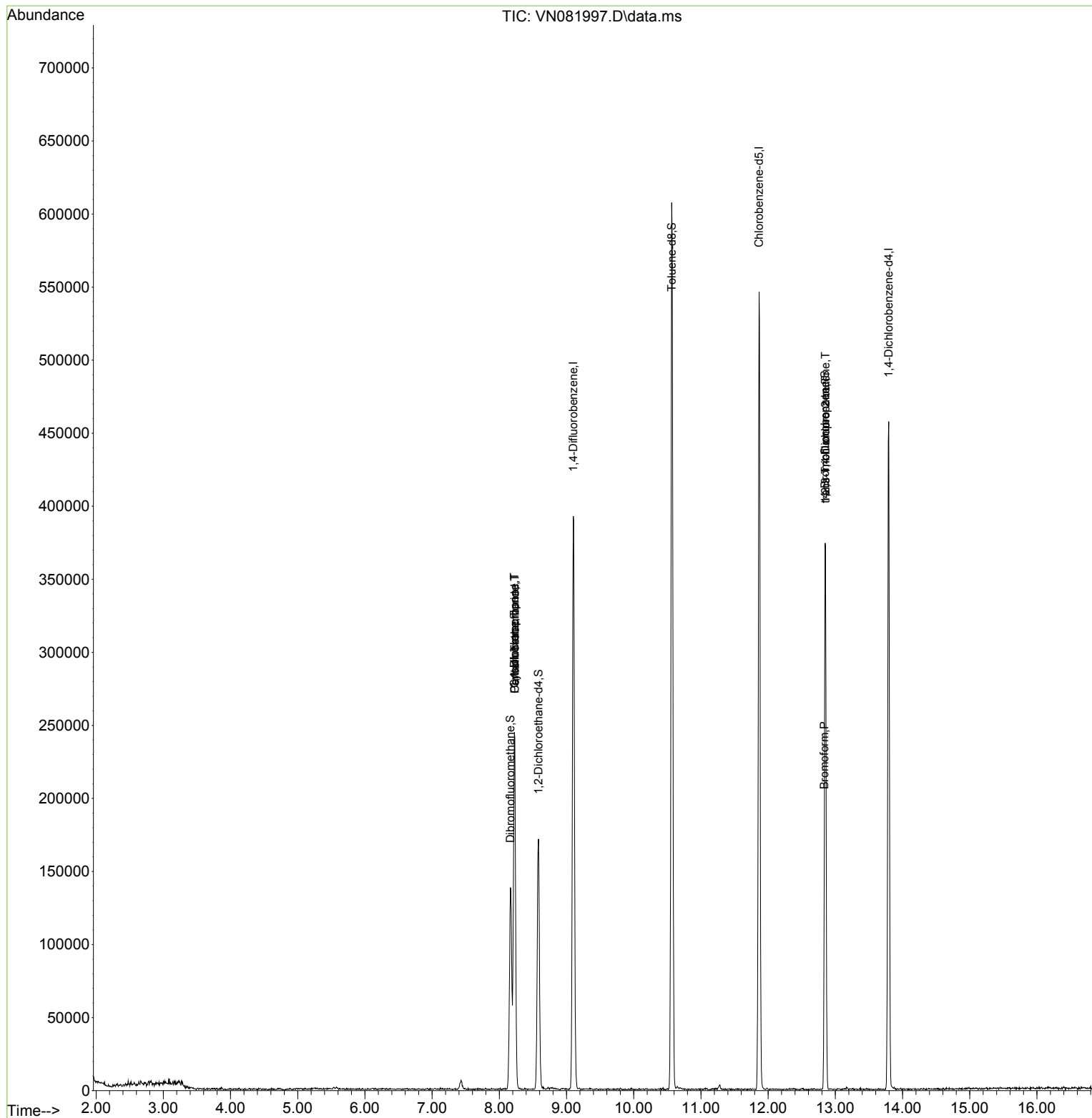
Internal Standards						
1) Pentafluorobenzene	8.230	168	161010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135081	49.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.420%
35) Dibromofluoromethane	8.165	113	101748	50.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	10.565	98	416645	52.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.847	95	134320	42.968	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.940%
Target Compounds						
5) Bromomethane	2.959	94	74	Below Cal	#	3
16) Acetone	4.430	43	426	Below Cal	#	43
31) Cyclohexane	8.224	56	4985	1.218	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	17719	5.409	ug/l #	41
38) Carbon Tetrachloride	8.230	117	19814	6.189	ug/l #	17
71) Bromoform	12.835	173	613	0.373	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	73909	26.218	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	73909	53.723	ug/l #	12

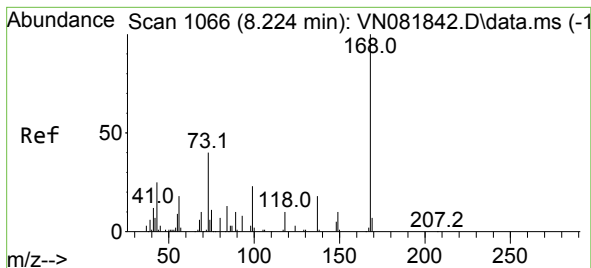
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081997.D

Acq: 03 May 2024 17:24

Instrument :

MSVOA_N

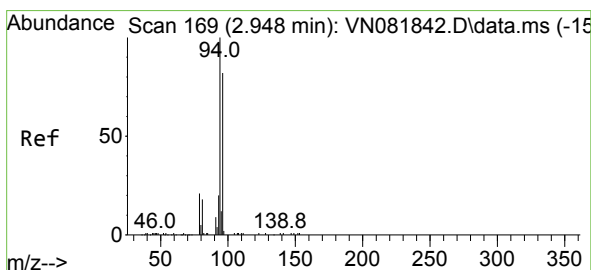
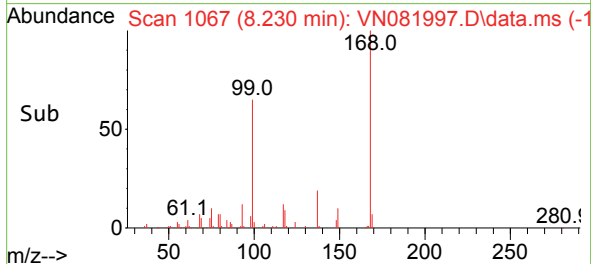
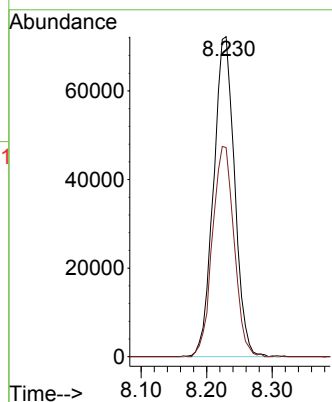
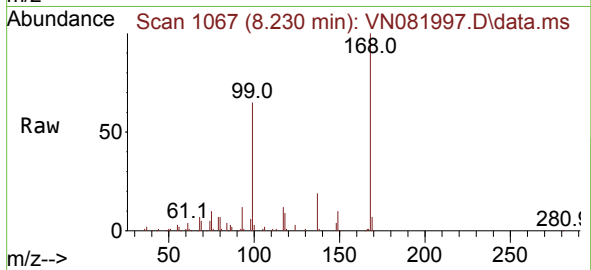
ClientSampleId :

Tgt Ion:168 Resp: 161010

Ion Ratio Lower Upper

168 100

99 65.3 48.2 72.4



#5

Bromomethane

Concen: Below Cal

RT: 2.959 min Scan# 171

Delta R.T. 0.011 min

Lab File: VN081997.D

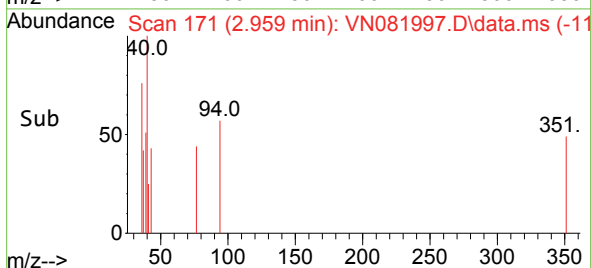
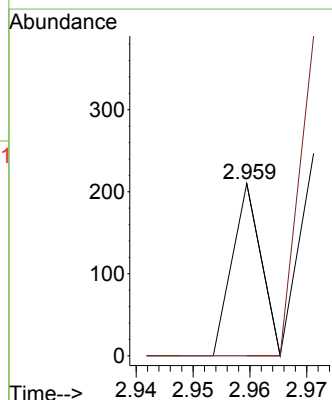
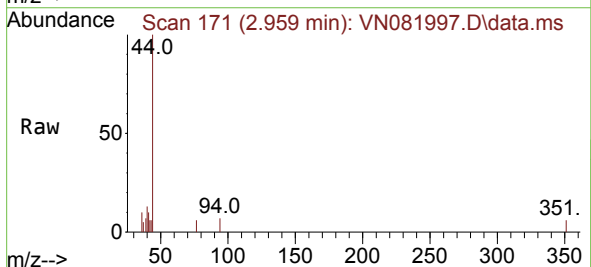
Acq: 03 May 2024 17:24

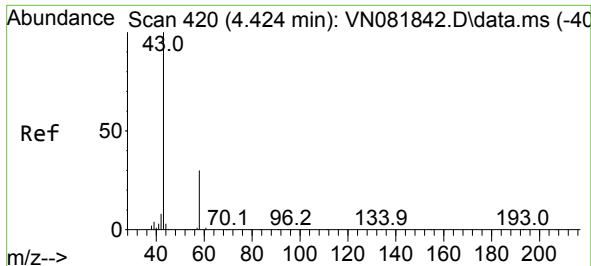
Tgt Ion: 94 Resp: 74

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#

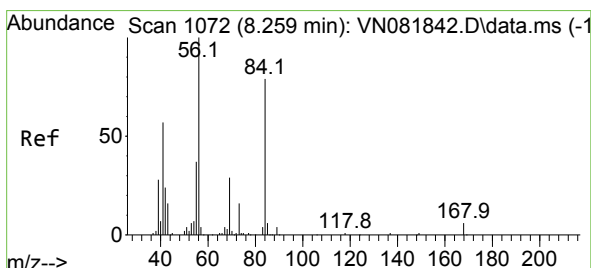
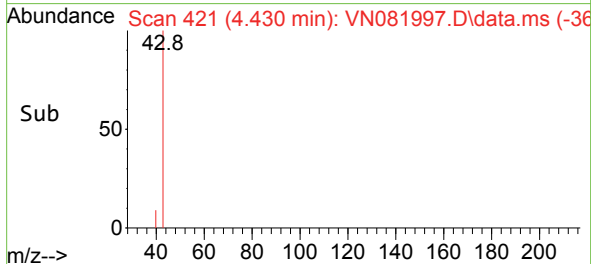
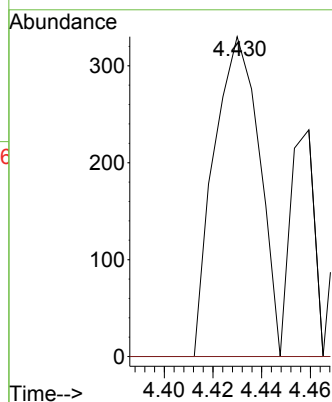
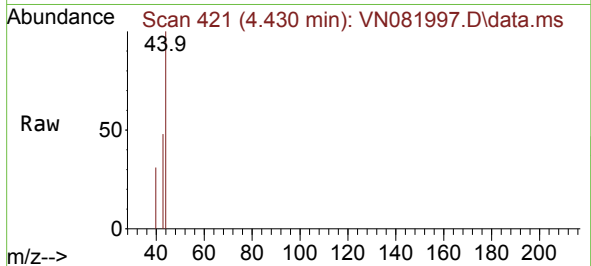




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

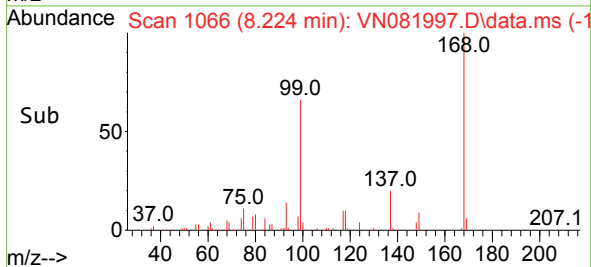
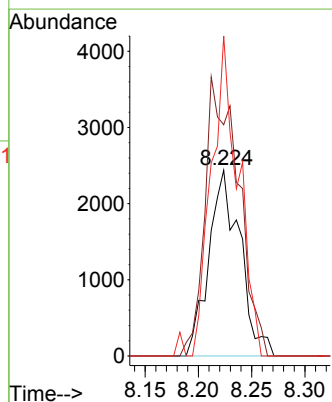
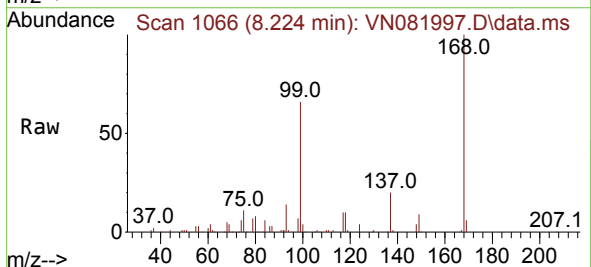
Instrument :
MSVOA_N
ClientSampleId :

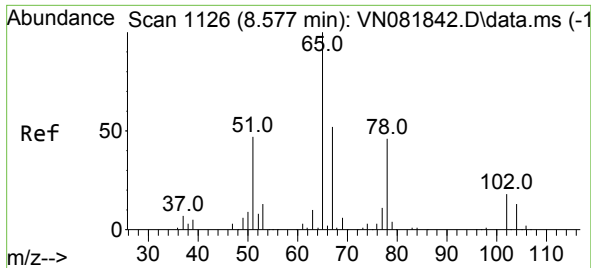
Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#31
Cyclohexane
Concen: 1.218 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

Tgt Ion: 56 Resp: 4985
Ion Ratio Lower Upper
56 100
69 124.5 24.4 36.6#
84 172.3 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 49.709 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081997.D

Acq: 03 May 2024 17:24

Instrument :

MSVOA_N

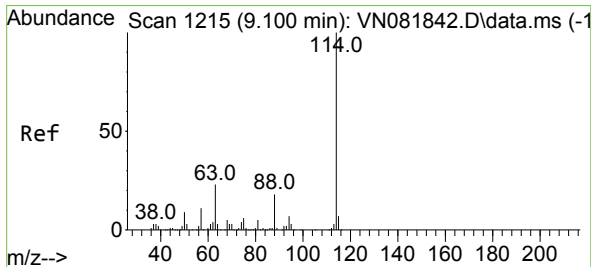
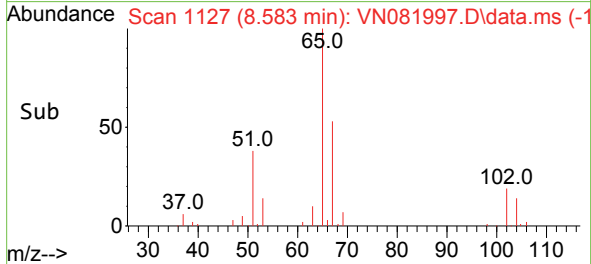
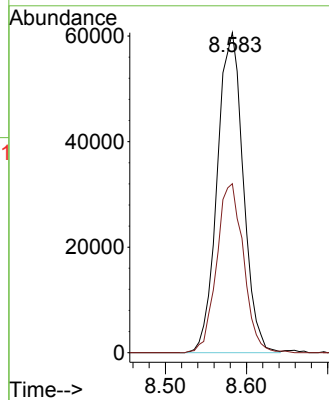
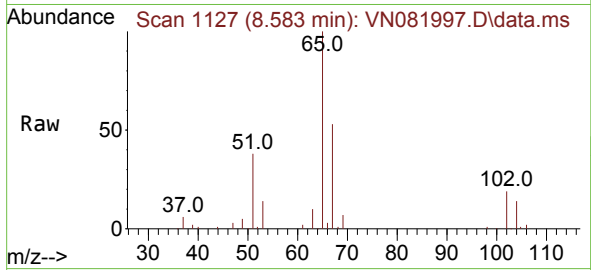
ClientSampleId :

Tgt Ion: 65 Resp: 135081

Ion Ratio Lower Upper

65 100

67 54.6 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: VN081997.D

Acq: 03 May 2024 17:24

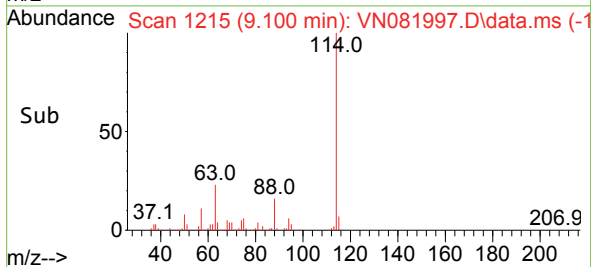
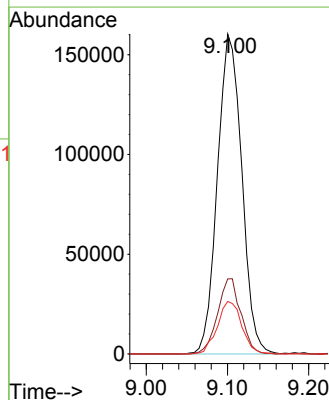
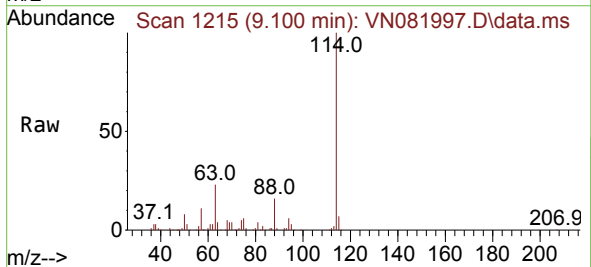
Tgt Ion: 114 Resp: 334420

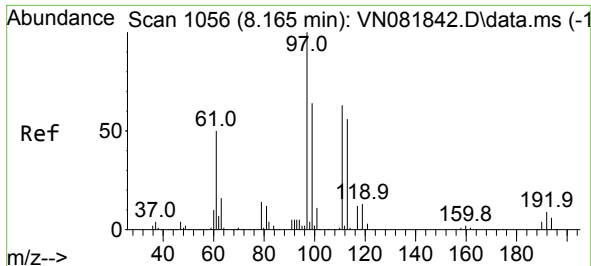
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.533 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081997.D

Acq: 03 May 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

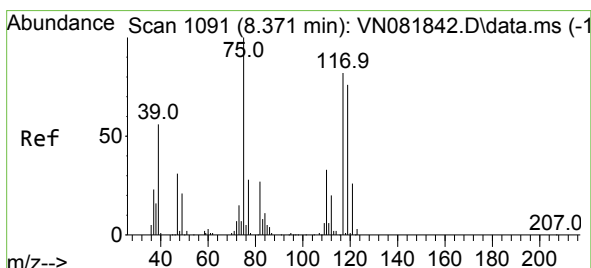
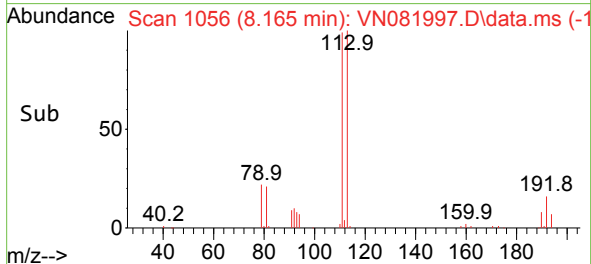
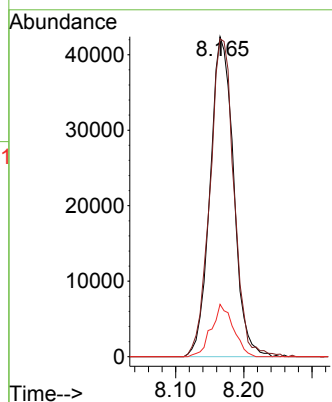
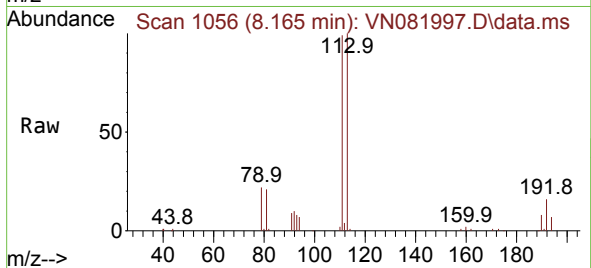
Tgt Ion:113 Resp: 101748

Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.2

192 15.4 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.409 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081997.D

Acq: 03 May 2024 17:24

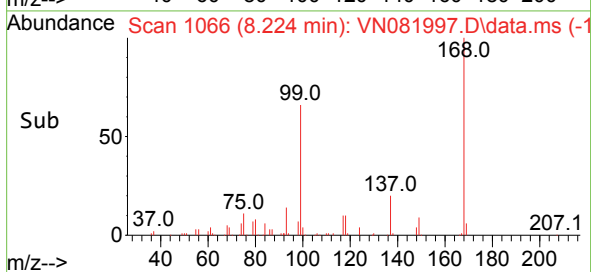
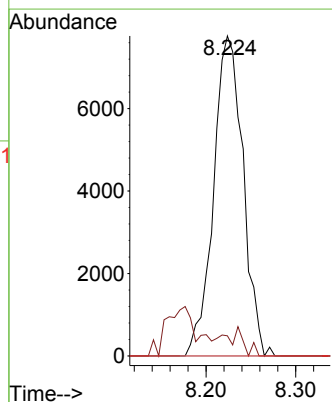
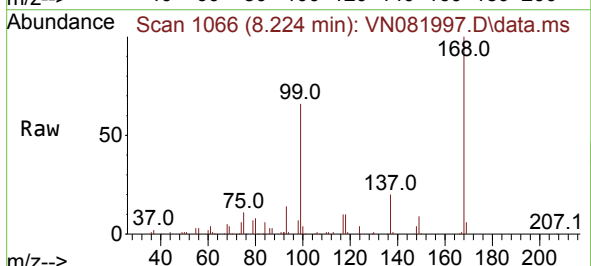
Tgt Ion: 75 Resp: 17719

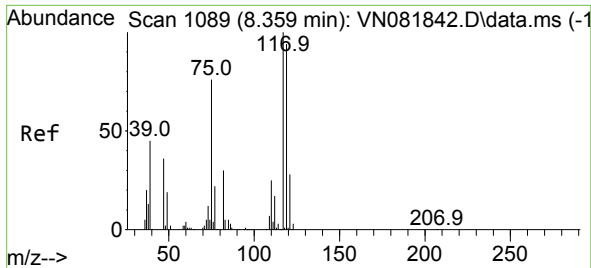
Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.5#

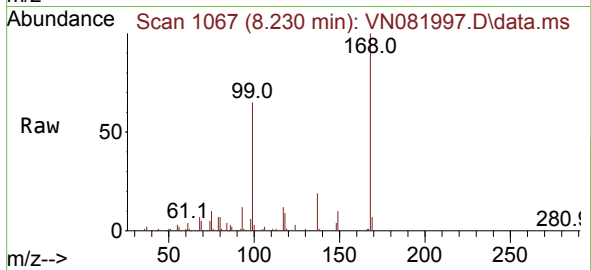
77 0.0 25.0 37.4#



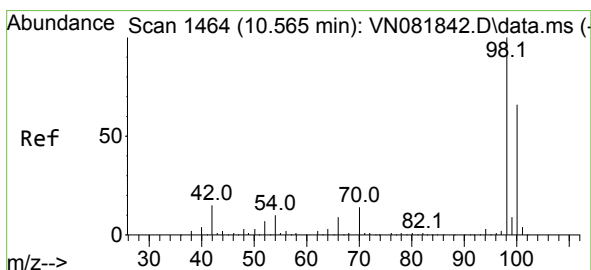
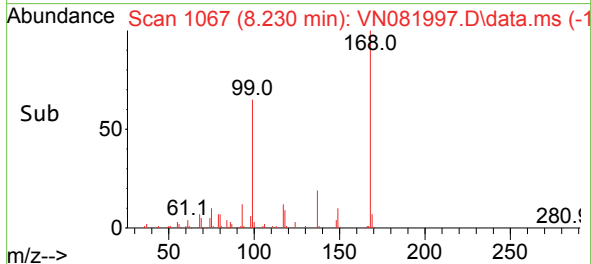
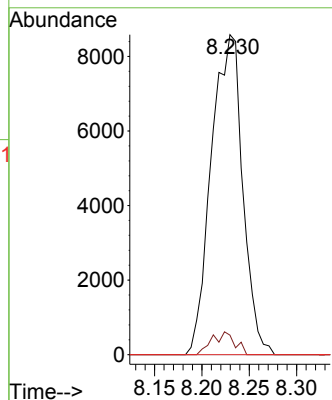


#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 8.230 min Scan# 1089
Delta R.T. -0.129 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

Instrument :
MSVOA_N
ClientSampleId :

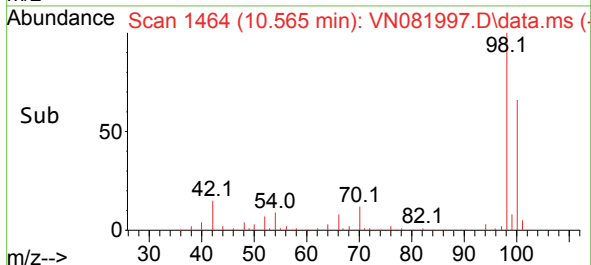
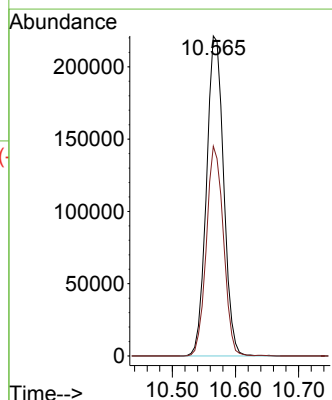
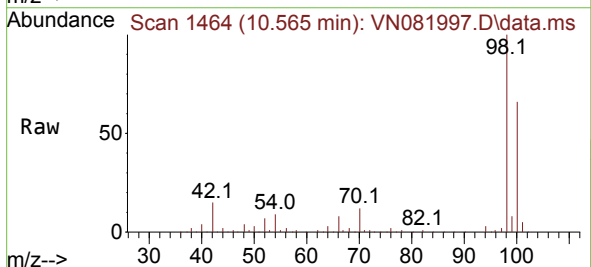


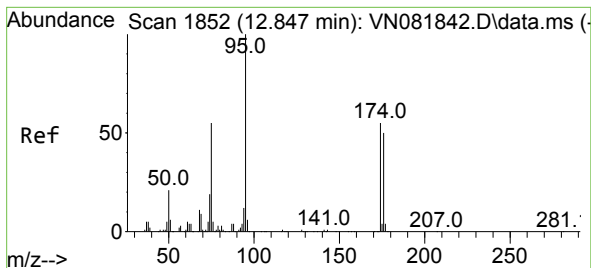
Tgt Ion:117 Resp: 19814
Ion Ratio Lower Upper
117 100
119 6.1 76.5 114.7#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 52.687 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

Tgt Ion: 98 Resp: 416645
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

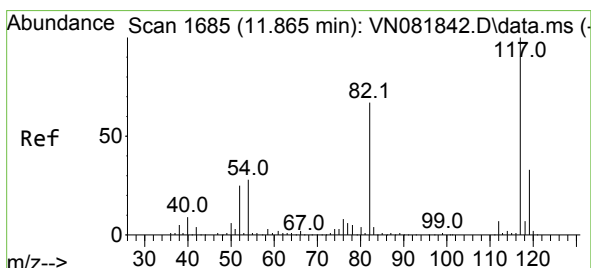
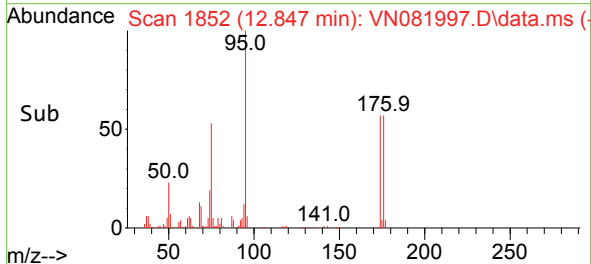
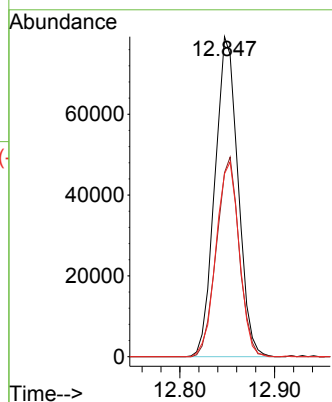
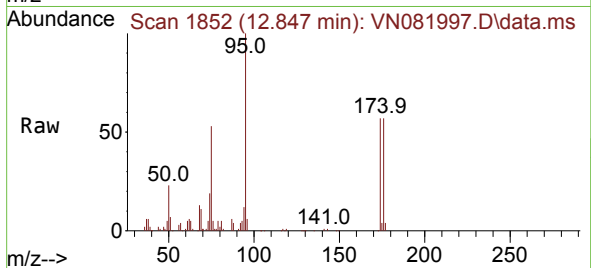




#62
4-Bromofluorobenzene
Concen: 42.968 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

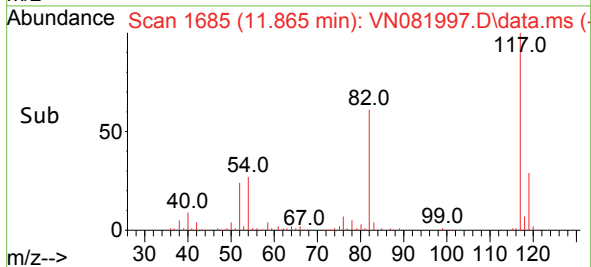
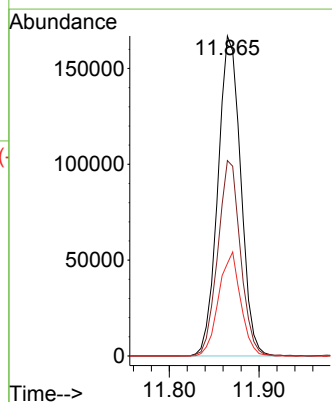
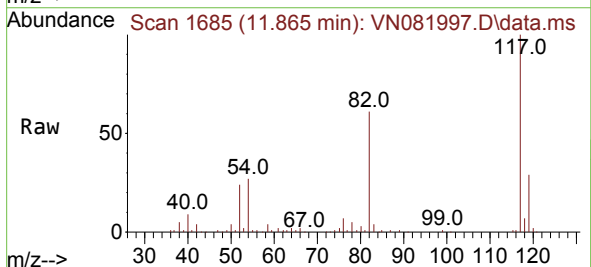
Instrument :
MSVOA_N
ClientSampleId :

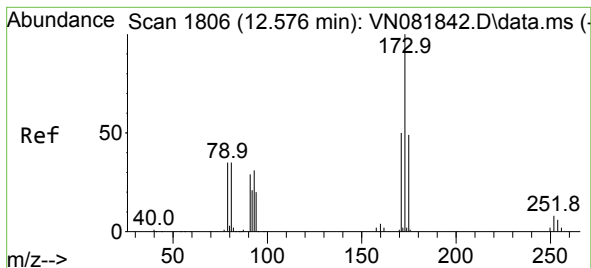
Tgt Ion: 95 Resp: 134320
Ion Ratio Lower Upper
95 100
174 61.2 0.0 160.6
176 60.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

Tgt Ion: 117 Resp: 294933
Ion Ratio Lower Upper
117 100
82 61.0 44.6 66.8
119 28.9 25.9 38.9





#71

Bromoform

Concen: 0.373 ug/l

RT: 12.835 min Scan# 1806

Delta R.T. 0.259 min

Lab File: VN081997.D

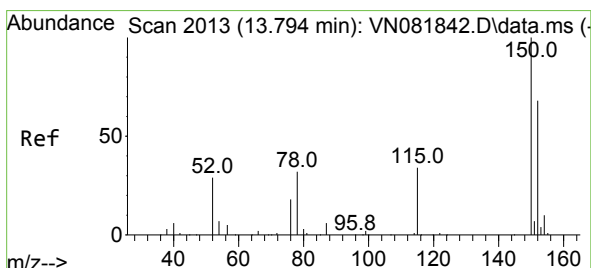
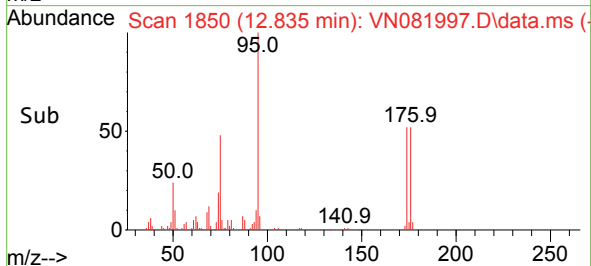
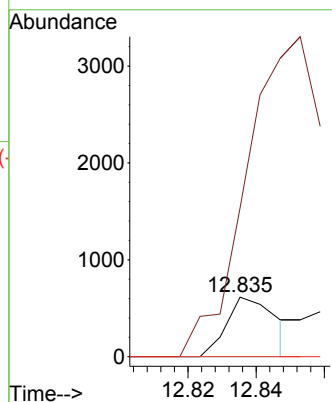
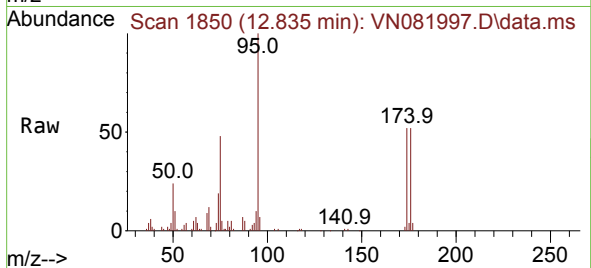
Acq: 03 May 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	613
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.6
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

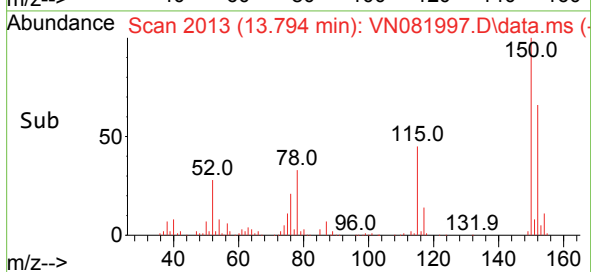
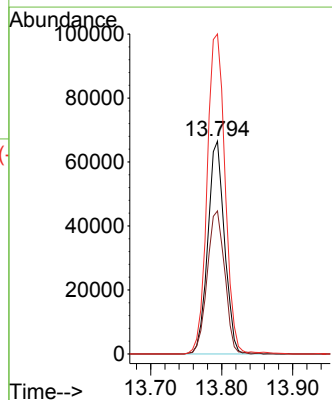
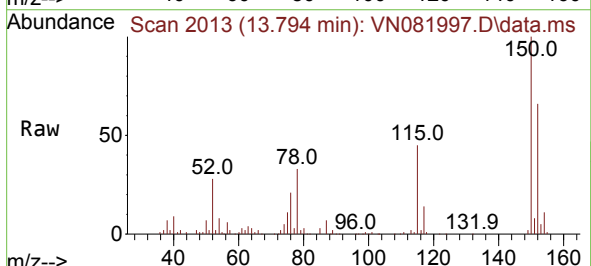
RT: 13.794 min Scan# 2013

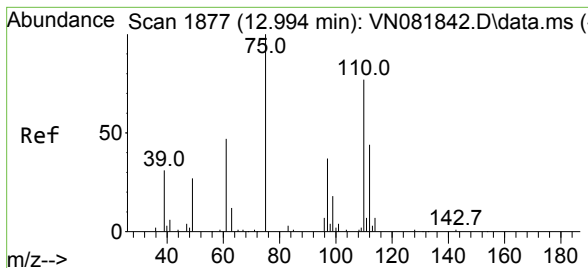
Delta R.T. 0.000 min

Lab File: VN081997.D

Acq: 03 May 2024 17:24

Tgt Ion:152	Resp:	108727
Ion Ratio	Lower	Upper
152	100	
115	70.5	30.4
150	161.7	0.0

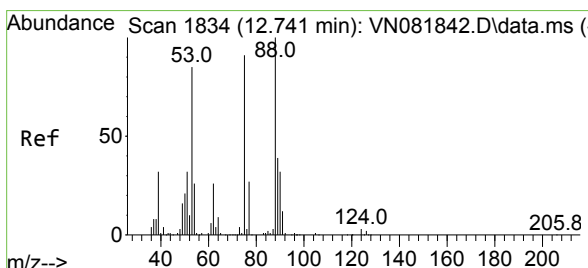
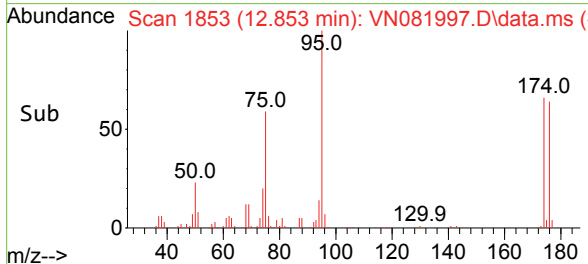
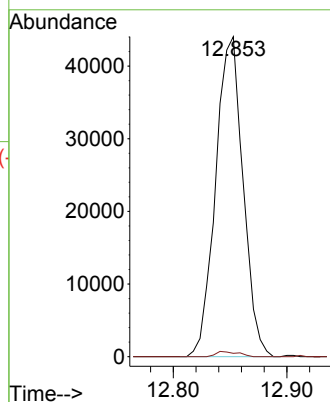
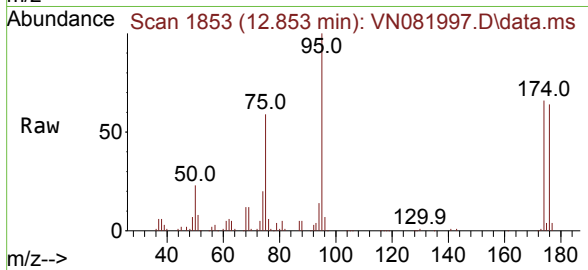




#76
1,2,3-Trichloropropane
Concen: 26.218 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 73909
Ion Ratio Lower Upper
75 100
77 1.3 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.723 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

Tgt Ion: 75 Resp: 73909
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

