

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081988.D
 Acq On : 03 May 2024 13:48
 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 01:54:46 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)

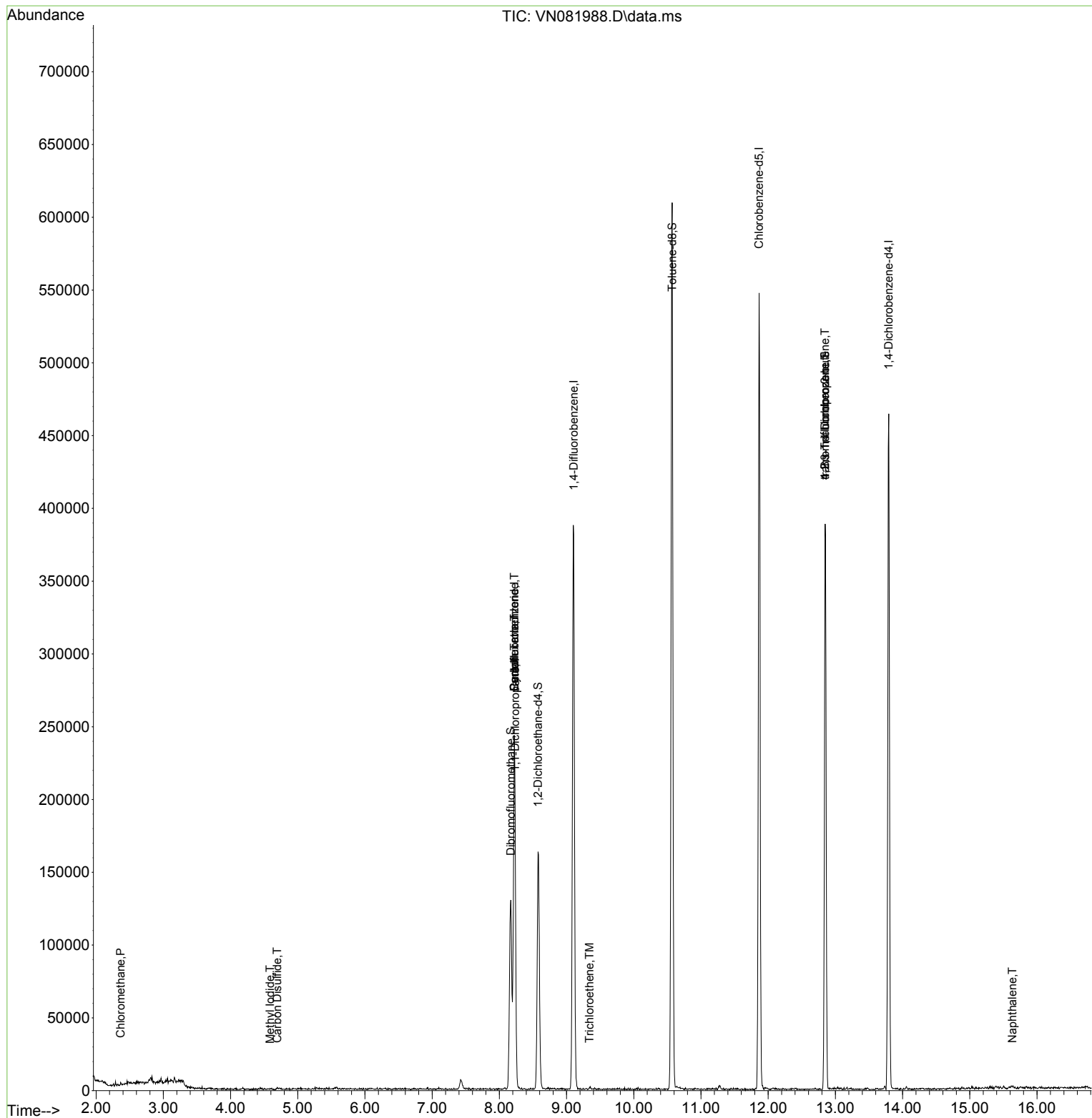
Internal Standards						
1) Pentafluorobenzene	8.224	168	161084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130662	48.061	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.120%
35) Dibromofluoromethane	8.171	113	95361	48.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.980%
50) Toluene-d8	10.571	98	413085	54.037	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.080%
62) 4-Bromofluorobenzene	12.847	95	140701	46.561	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.120%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	545	0.231	ug/l #	43
5) Bromomethane	2.959	94	497	Below Cal	#	3
10) Methyl Iodide	4.589	142	573	0.341	ug/l #	40
13) Acrolein	4.177	56	209	Below Cal	#	71
16) Acetone	4.424	43	367	Below Cal	#	43
17) Carbon Disulfide	4.694	76	2082	0.355	ug/l #	74
31) Cyclohexane	8.224	56	4885	1.193	ug/l #	27
36) 1,1-Dichloropropene	8.235	75	16574	5.234	ug/l #	48
38) Carbon Tetrachloride	8.224	117	17599	5.686	ug/l #	17
44) Trichloroethene	9.341	130	568	0.259	ug/l	88
76) 1,2,3-Trichloropropane	12.847	75	78595	26.817	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78595	54.951	ug/l #	12
95) Naphthalene	15.635	128	2234	0.281	ug/l #	77

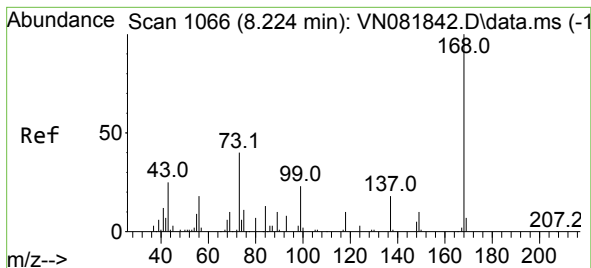
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
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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: VN081988.D

Acq: 03 May 2024 13:48

Instrument :

MSVOA_N

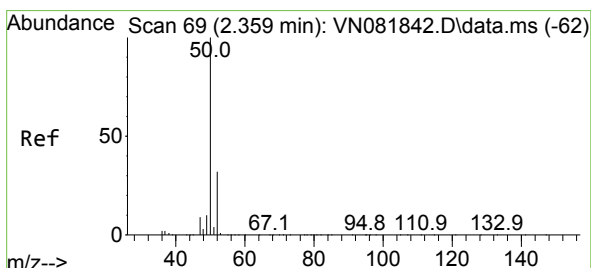
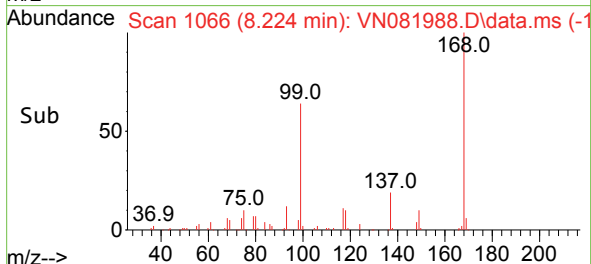
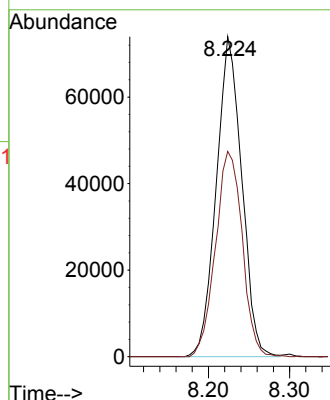
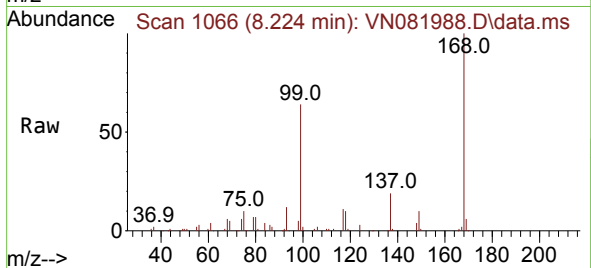
ClientSampleId :

Tgt Ion:168 Resp: 161084

Ion Ratio Lower Upper

168 100

99 64.2 48.2 72.4



#3

Chloromethane

Concen: 0.231 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN081988.D

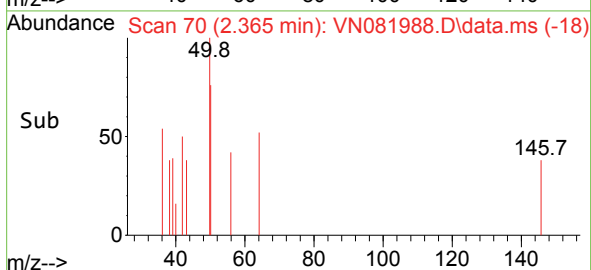
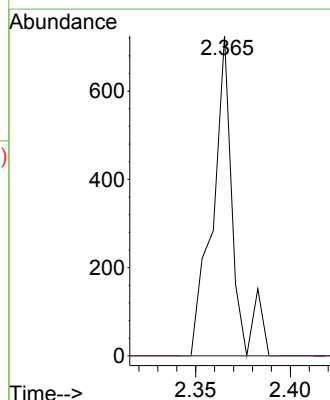
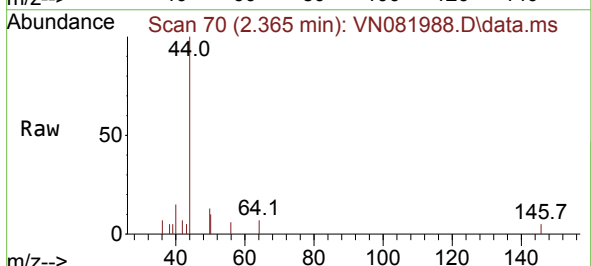
Acq: 03 May 2024 13:48

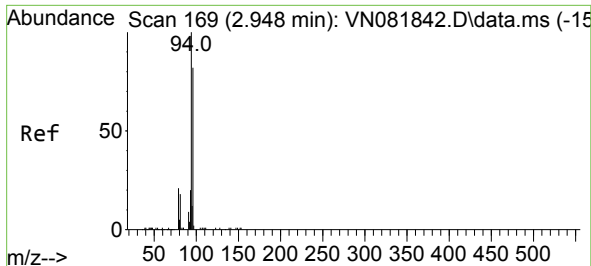
Tgt Ion: 50 Resp: 545

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

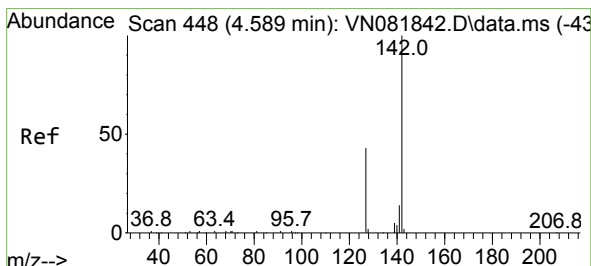
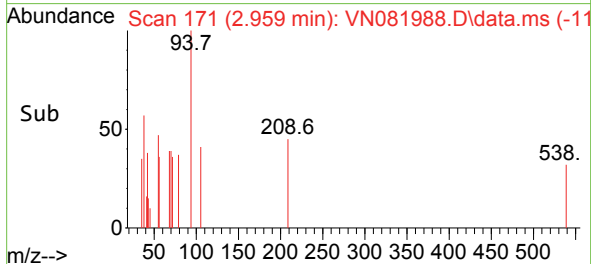
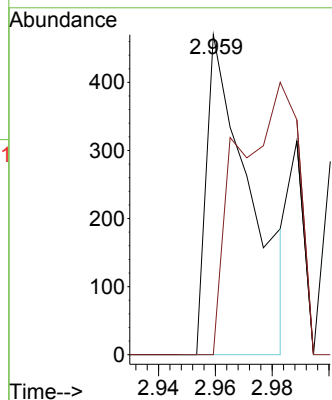
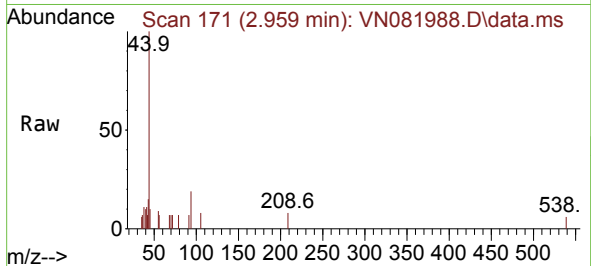




#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

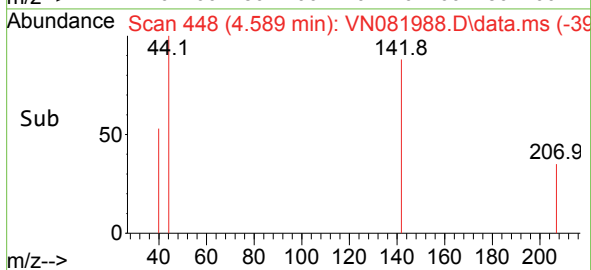
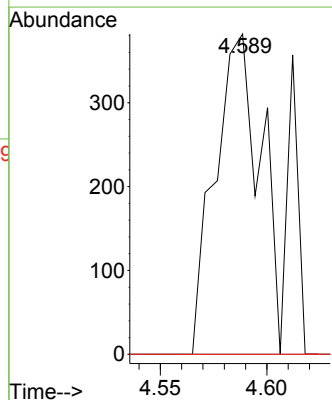
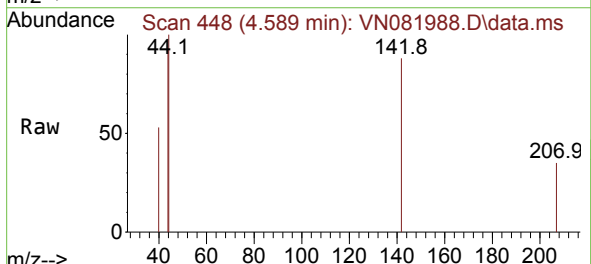
Instrument :
MSVOA_N
ClientSampleId :

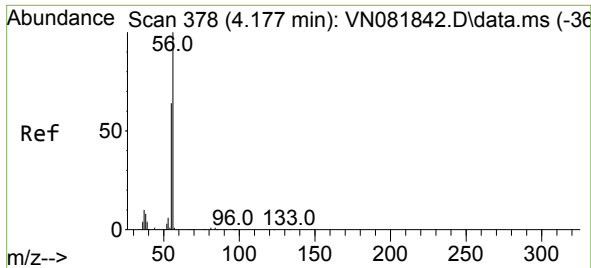
Tgt Ion: 94 Resp: 497
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#10
Methyl Iodide
Concen: 0.341 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

Tgt Ion: 142 Resp: 573
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.6#
141 0.0 11.4 17.2#

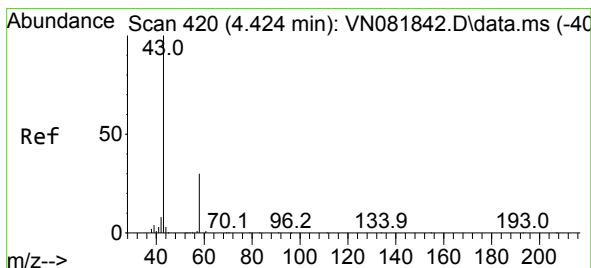
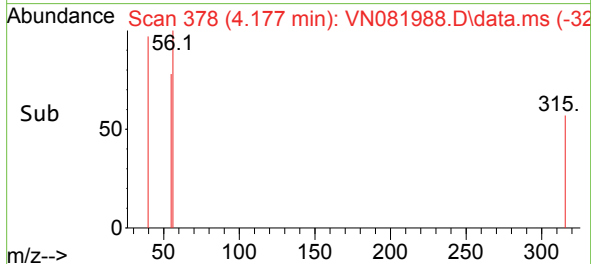
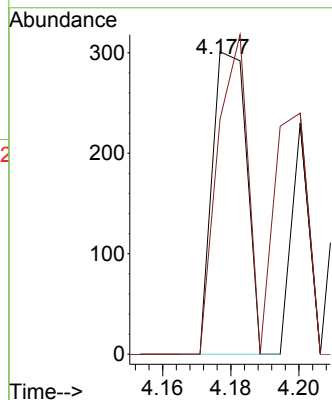
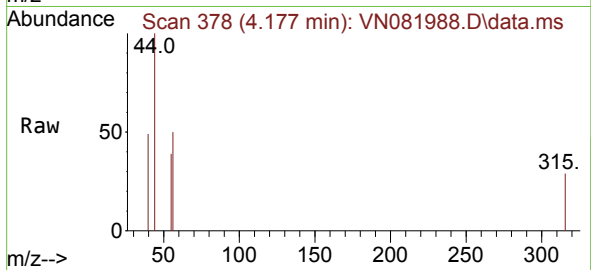




#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

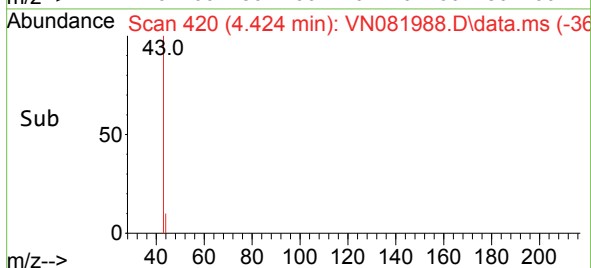
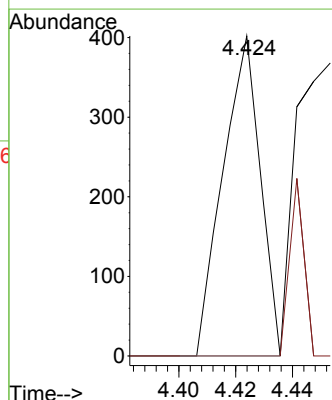
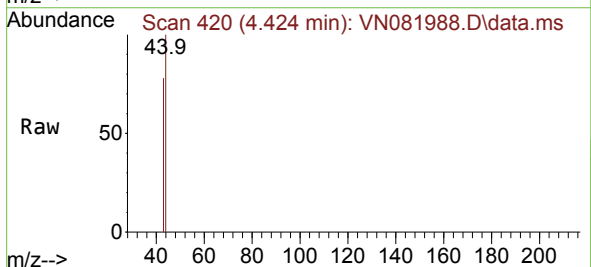
Instrument :
MSVOA_N
ClientSampleId :

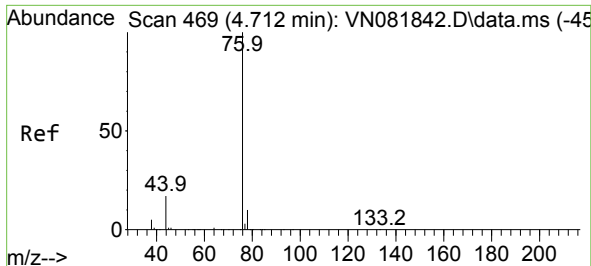
Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 93.3 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

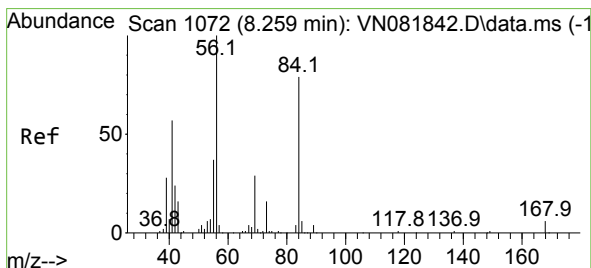
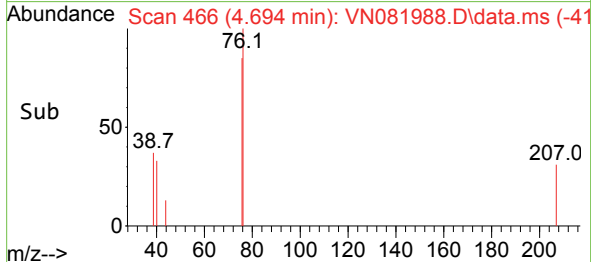
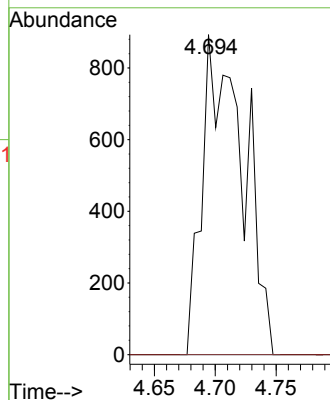
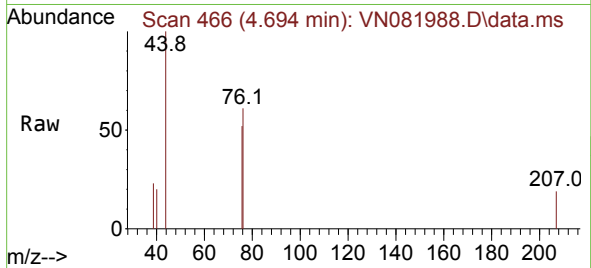




#17
Carbon Disulfide
Concen: 0.355 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

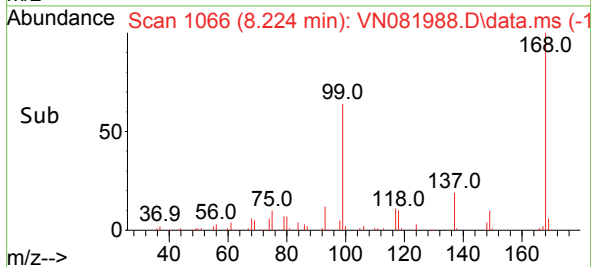
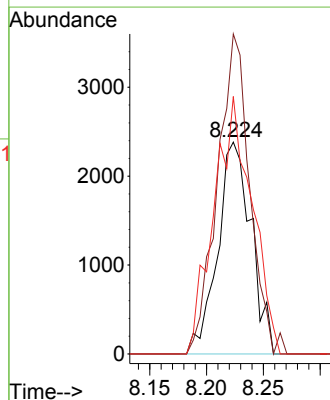
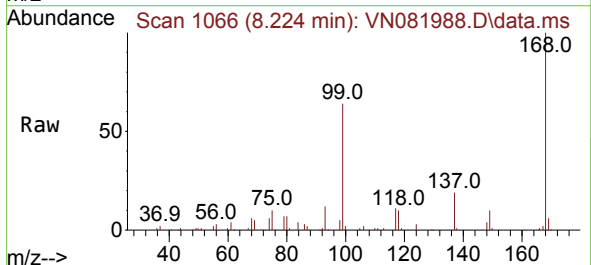
Instrument :
MSVOA_N
ClientSampleId :

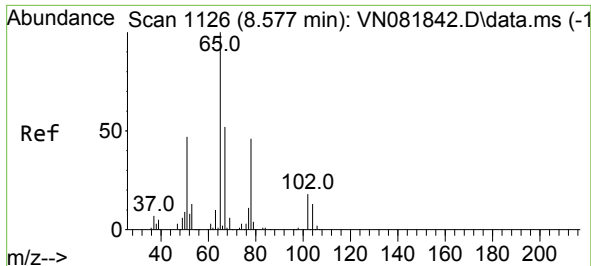
Tgt Ion: 76 Resp: 2082
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

Tgt Ion: 56 Resp: 4885
Ion Ratio Lower Upper
56 100
69 151.0 24.4 36.6#
84 121.5 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 48.061 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081988.D

Acq: 03 May 2024 13:48

Instrument :

MSVOA_N

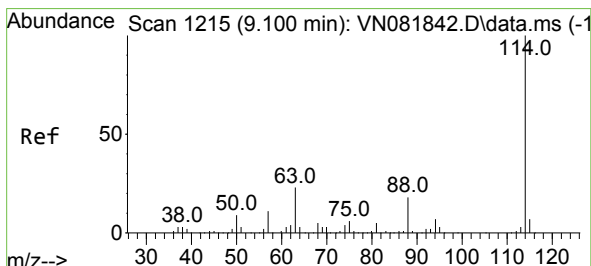
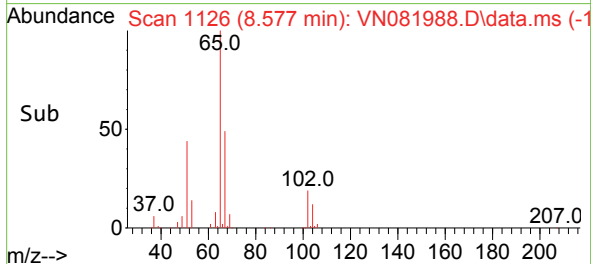
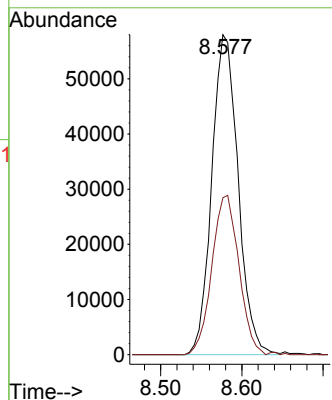
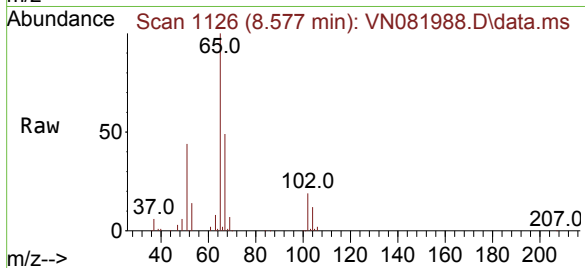
ClientSampleId :

Tgt Ion: 65 Resp: 130662

Ion Ratio Lower Upper

65 100

67 51.3 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: VN081988.D

Acq: 03 May 2024 13:48

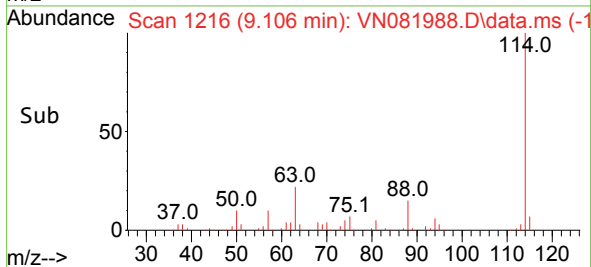
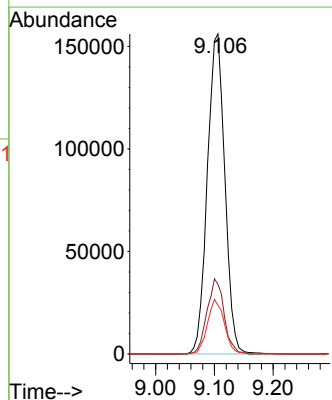
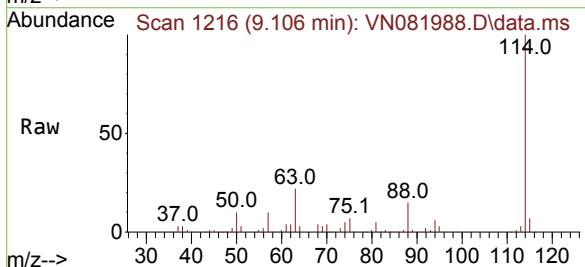
Tgt Ion: 114 Resp: 323280

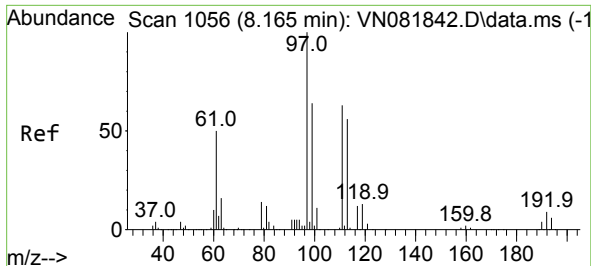
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.0

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.993 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

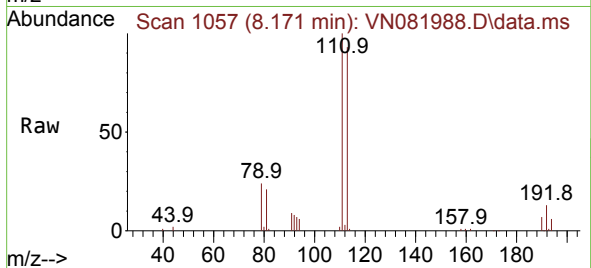
Lab File: VN081988.D

Acq: 03 May 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :



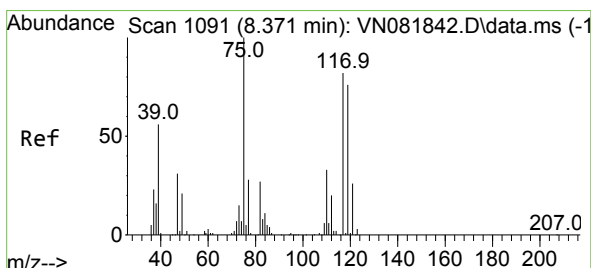
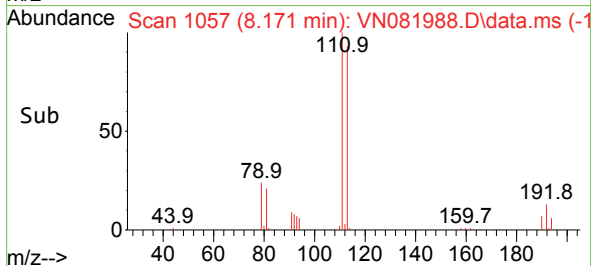
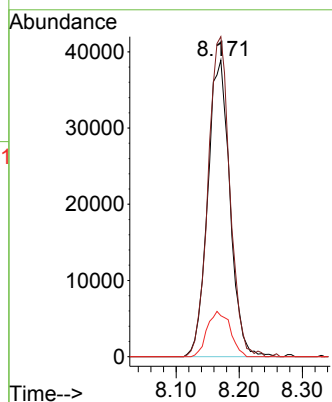
Tgt Ion:113 Resp: 95361

Ion Ratio Lower Upper

113 100

111 105.7 83.4 125.2

192 15.8 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.234 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN081988.D

Acq: 03 May 2024 13:48

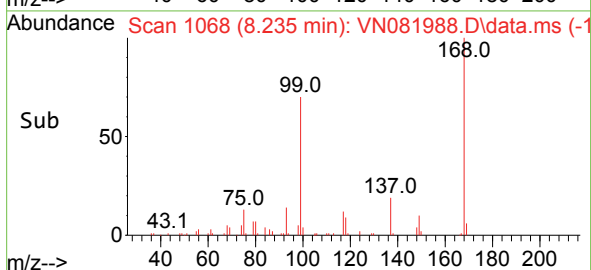
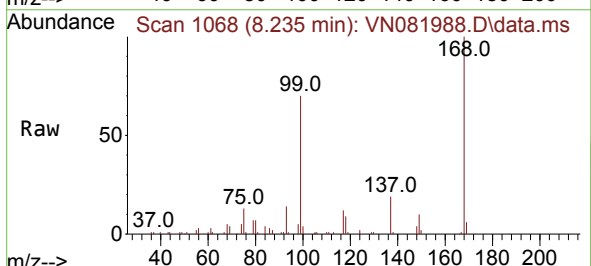
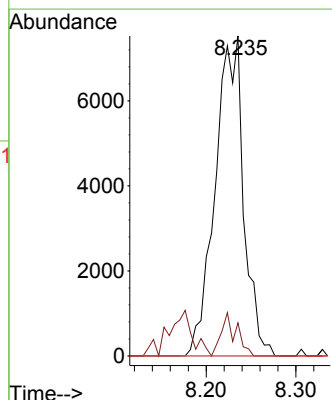
Tgt Ion: 75 Resp: 16574

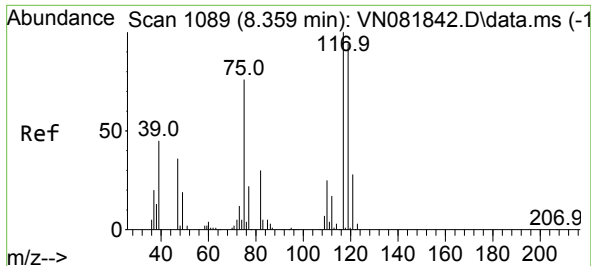
Ion Ratio Lower Upper

75 100

110 7.2 17.8 53.5#

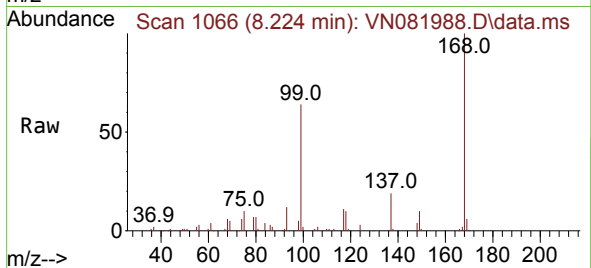
77 0.0 25.0 37.4#



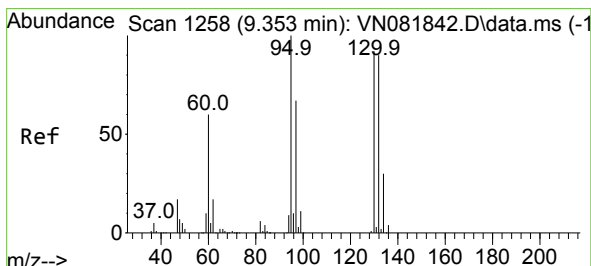
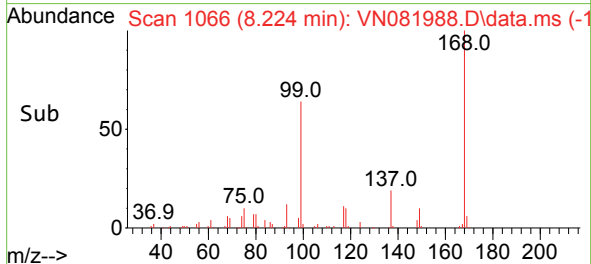
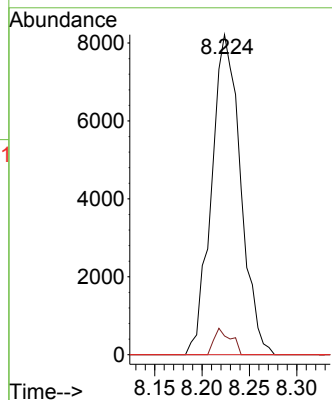


#38
Carbon Tetrachloride
Concen: 5.686 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :

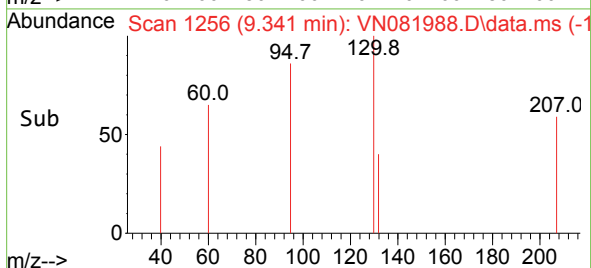
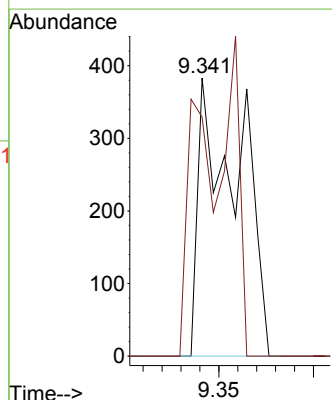
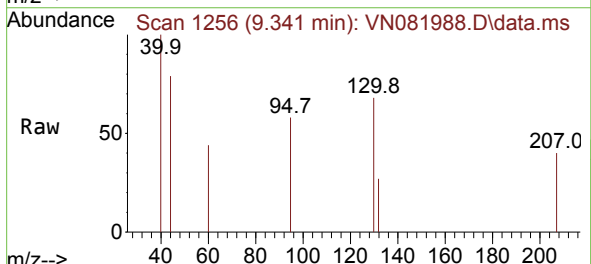


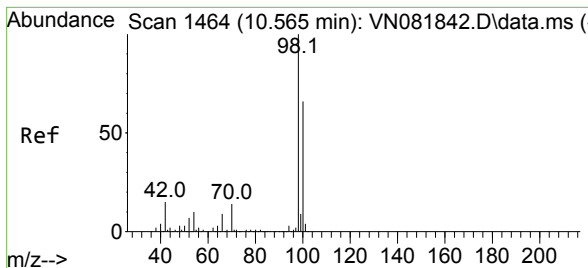
Tgt Ion:117 Resp: 17599
Ion Ratio Lower Upper
117 100
119 5.9 76.5 114.7#
121 0.0 23.9 35.9#



#44
Trichloroethene
Concen: 0.259 ug/l
RT: 9.341 min Scan# 1256
Delta R.T. -0.012 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

Tgt Ion:130 Resp: 568
Ion Ratio Lower Upper
130 100
95 85.9 0.0 195.4





#50

Toluene-d8

Concen: 54.037 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081988.D

Acq: 03 May 2024 13:48

Instrument :

MSVOA_N

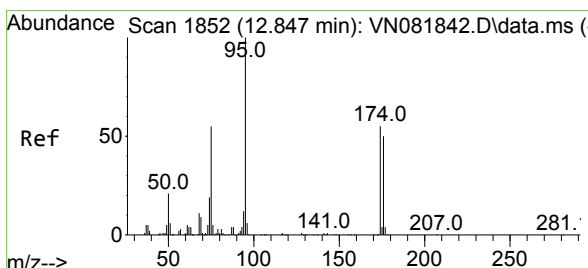
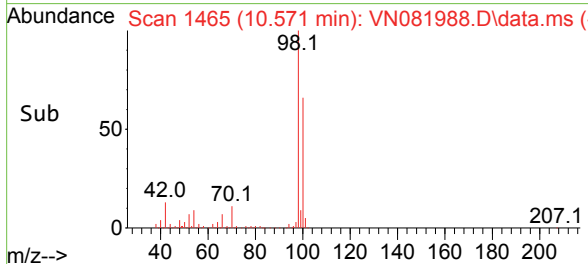
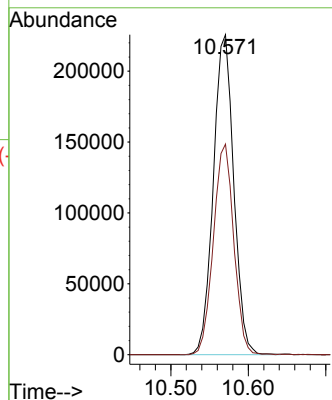
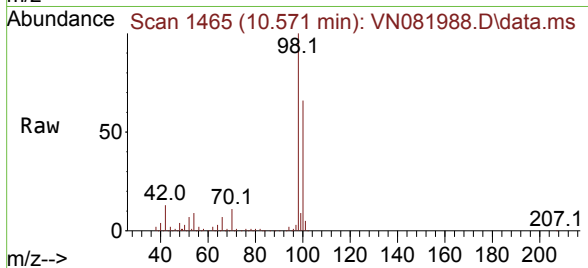
ClientSampleId :

Tgt Ion: 98 Resp: 413085

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.561 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN081988.D

Acq: 03 May 2024 13:48

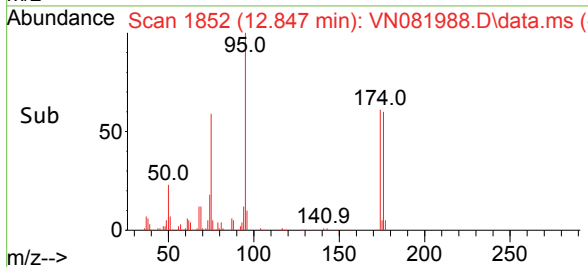
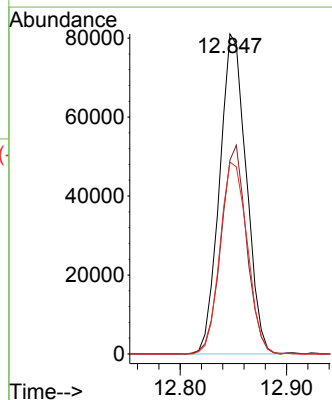
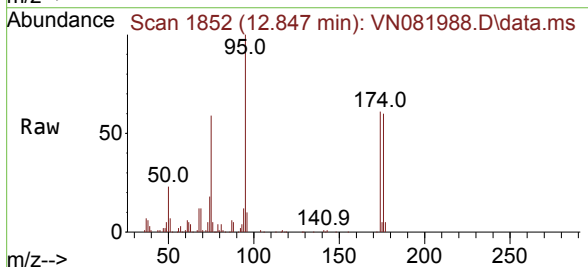
Tgt Ion: 95 Resp: 140701

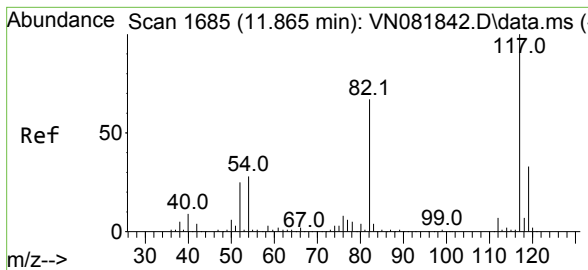
Ion Ratio Lower Upper

95 100

174 62.4 0.0 160.6

176 61.5 0.0 152.8

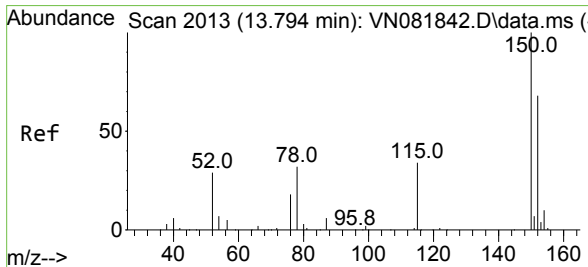
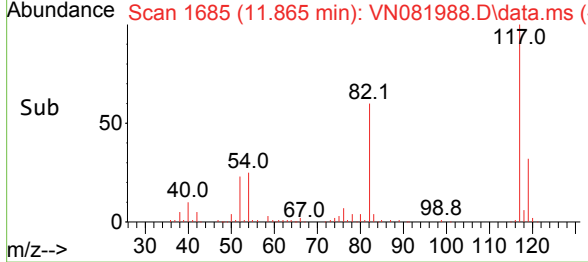
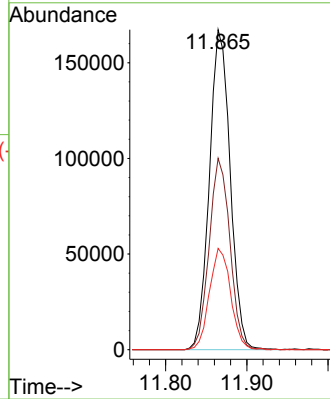
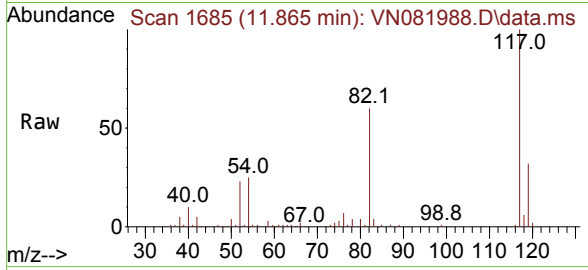




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

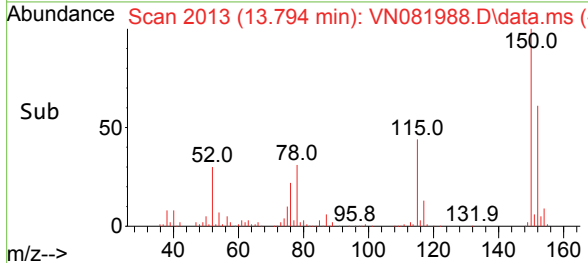
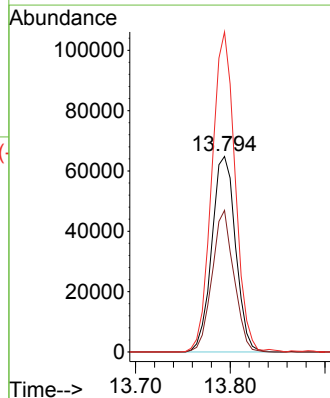
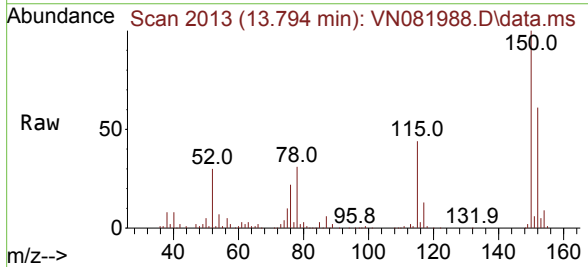
Instrument :
MSVOA_N
ClientSampleId :

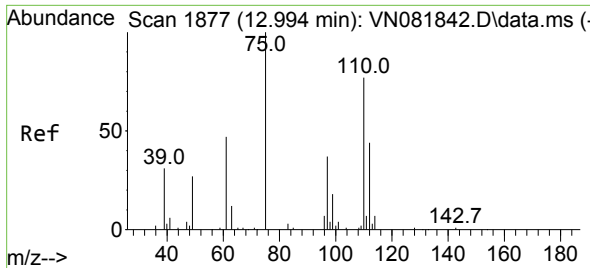
Tgt Ion:117 Resp: 297748
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

Tgt Ion:152 Resp: 113038
Ion Ratio Lower Upper
152 100
115 66.6 30.4 91.3
150 160.3 0.0 353.2

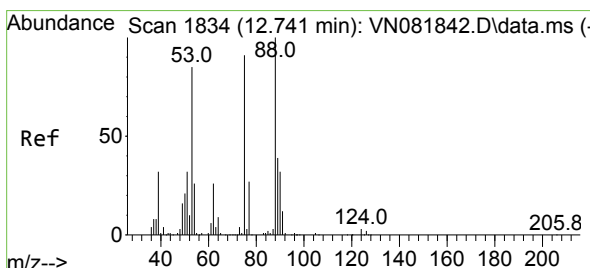
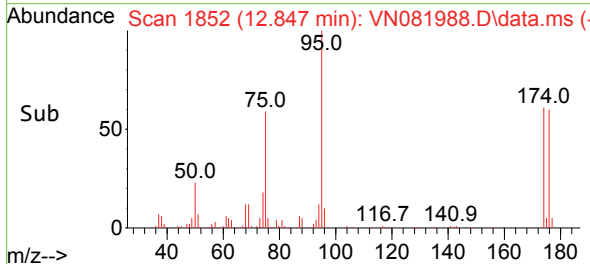
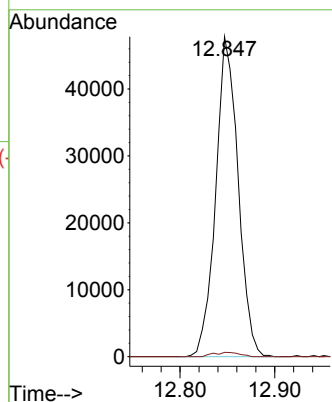
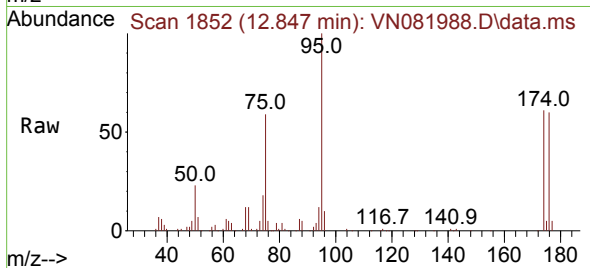




#76
1,2,3-Trichloropropane
Concen: 26.817 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

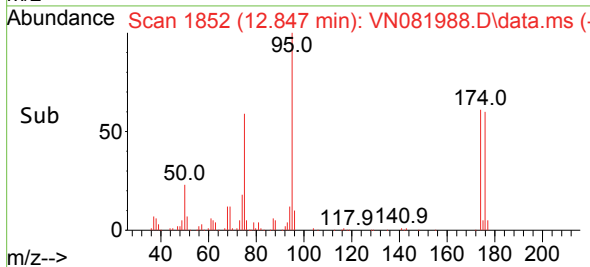
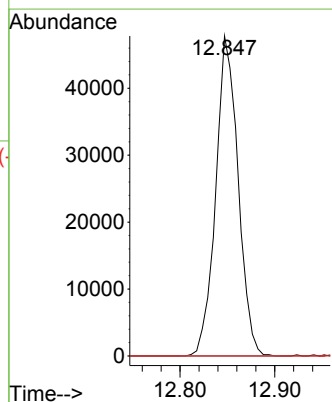
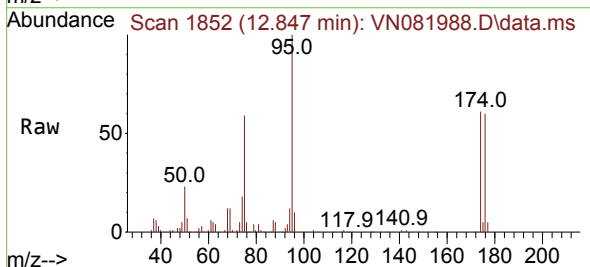
Instrument :
MSVOA_N
ClientSampleId :

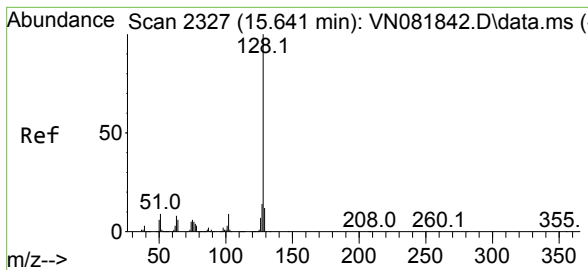
Tgt Ion: 75 Resp: 78595
Ion Ratio Lower Upper
75 100
77 1.6 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

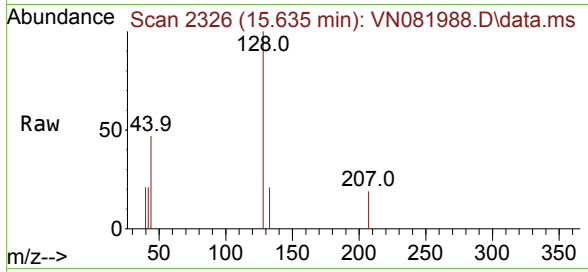
Tgt Ion: 75 Resp: 78595
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#





#95
Naphthalene
Concen: 0.281 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	2234
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.1	15.1#
129	6.3	8.9	13.3#

