

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081992.D
 Acq On : 03 May 2024 15:24
 Operator : JC\MD
 Sample : P2377-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 01:56:17 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	8.224	168	159082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108729	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	131698	49.052	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.100%
35) Dibromofluoromethane	8.171	113	98859	49.067	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.140%
50) Toluene-d8	10.565	98	421893	53.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.847	95	138437	44.257	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.520%

Target Compounds

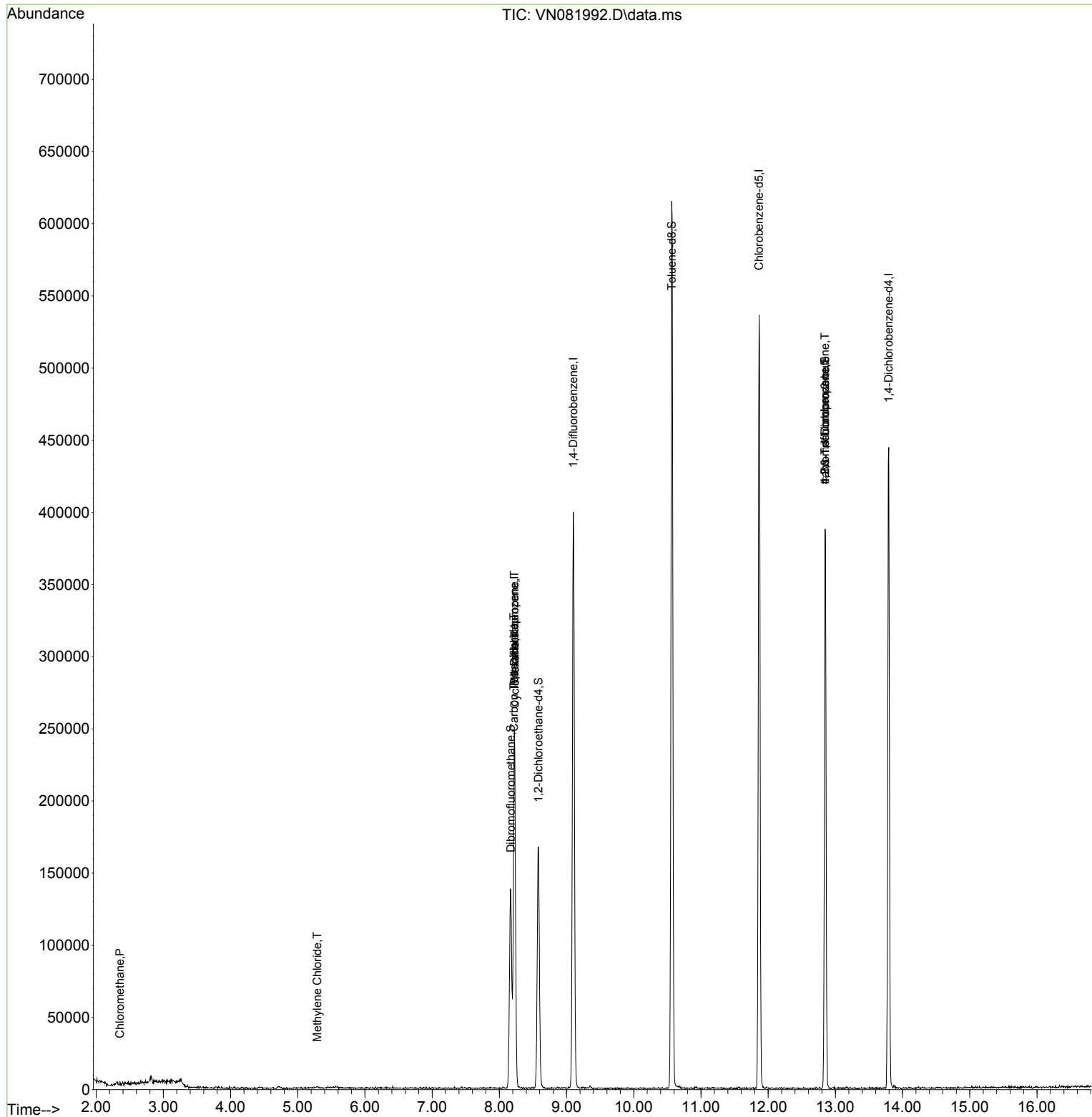
					Qvalue	
3) Chloromethane	2.354	50	780	0.335	ug/l #	43
5) Bromomethane	2.954	94	160	Below Cal	#	3
13) Acrolein	4.153	56	58	Below Cal	#	51
16) Acetone	4.424	43	998	Below Cal	#	43
20) Methylene Chloride	5.289	84	513	0.223	ug/l #	27
31) Cyclohexane	8.230	56	5463	1.351	ug/l #	47
36) 1,1-Dichloropropene	8.224	75	17054	5.203	ug/l #	48
38) Carbon Tetrachloride	8.218	117	18777	5.861	ug/l #	15
76) 1,2,3-Trichloropropane	12.847	75	78140	27.718	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78140	56.798	ug/l #	12

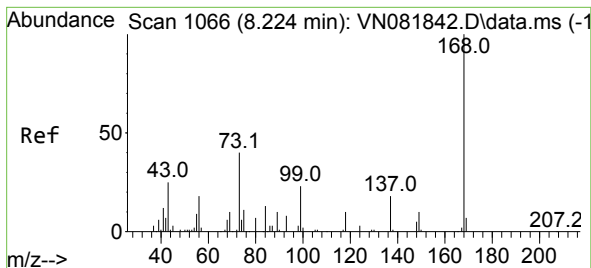
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081992.D

Acq: 03 May 2024 15:24

Instrument :

MSVOA_N

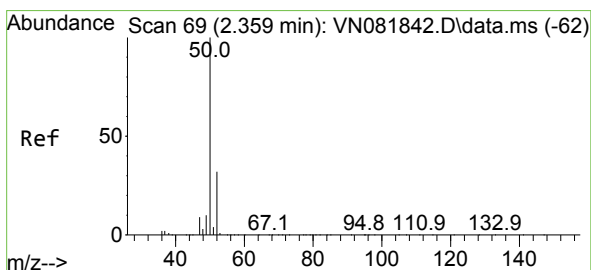
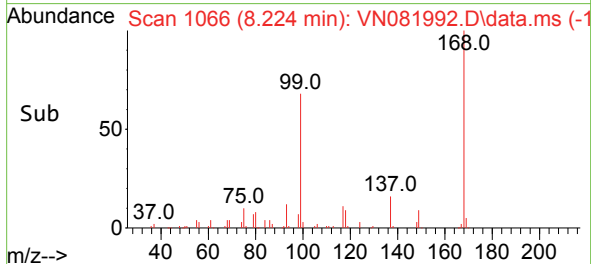
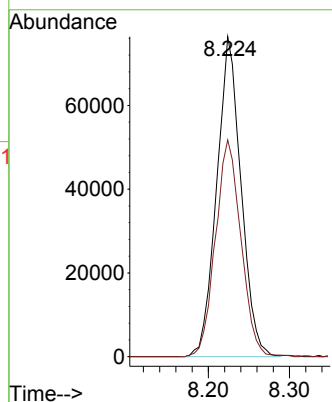
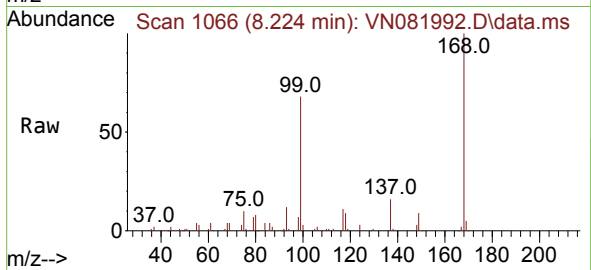
ClientSampleId :

Tgt Ion:168 Resp: 159082

Ion Ratio Lower Upper

168 100

99 67.8 48.2 72.4



#3

Chloromethane

Concen: 0.335 ug/l

RT: 2.354 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN081992.D

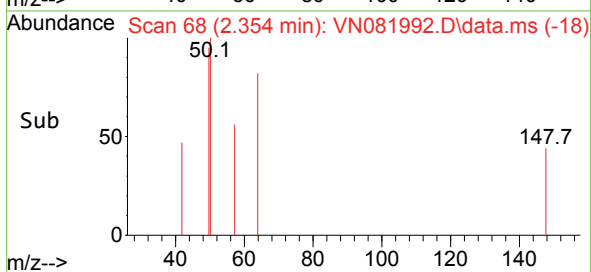
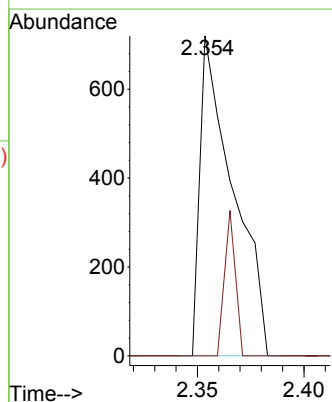
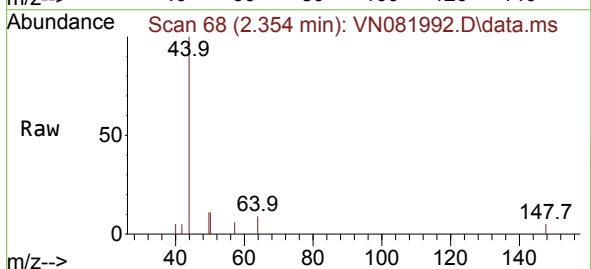
Acq: 03 May 2024 15:24

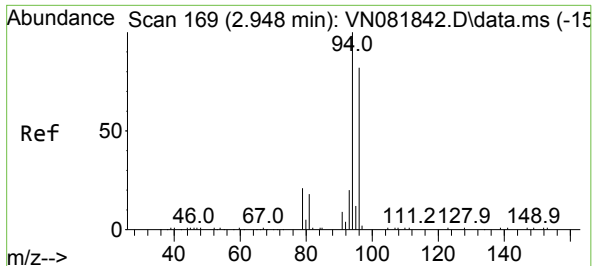
Tgt Ion: 50 Resp: 780

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

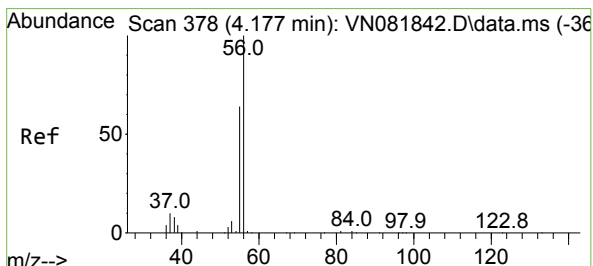
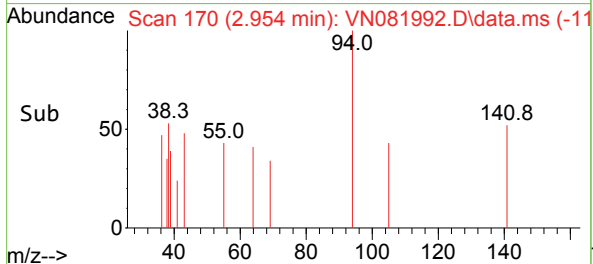
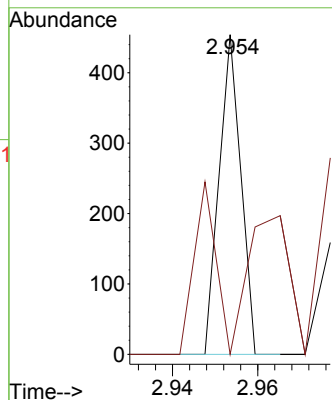
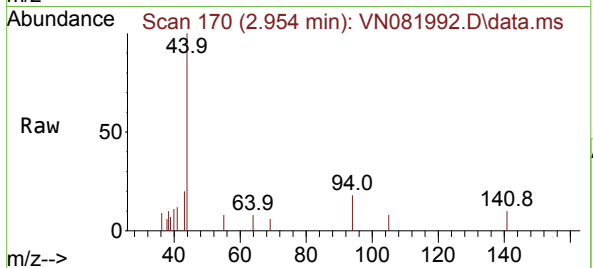




#5
Bromomethane
Concen: Below Cal
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

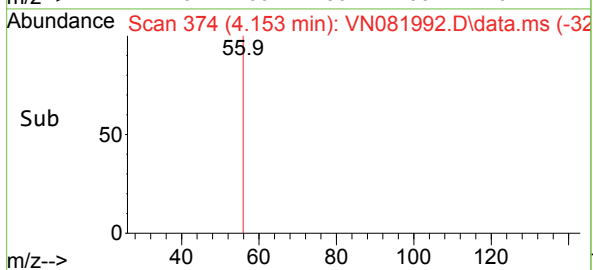
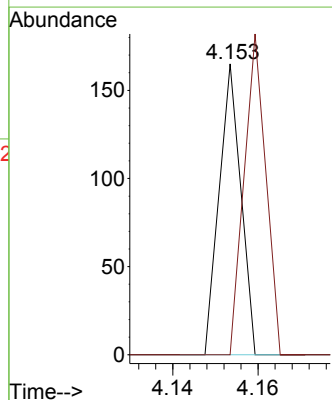
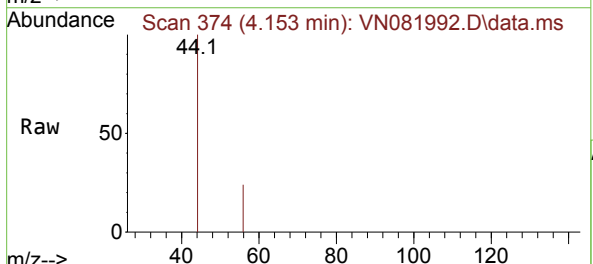
Instrument :
MSVOA_N
ClientSampleId :

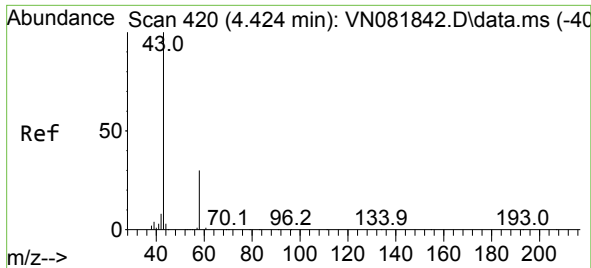
Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.153 min Scan# 374
Delta R.T. -0.024 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 110.3 55.8 83.8#

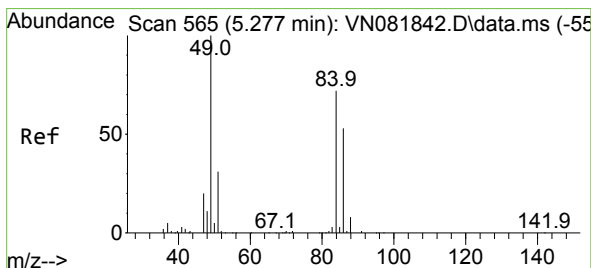
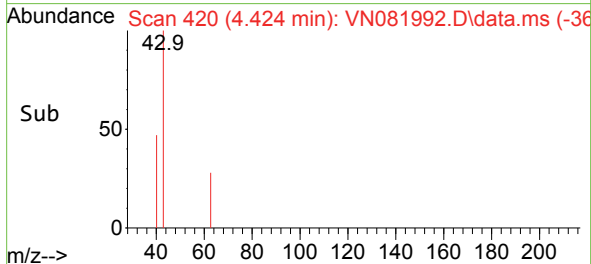
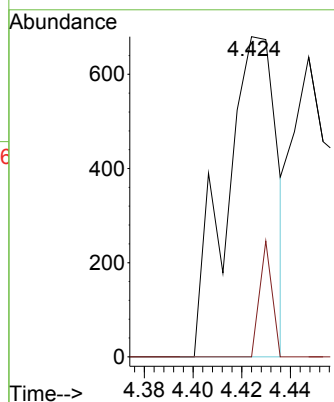
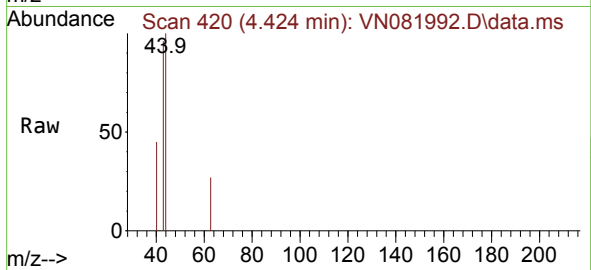




#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

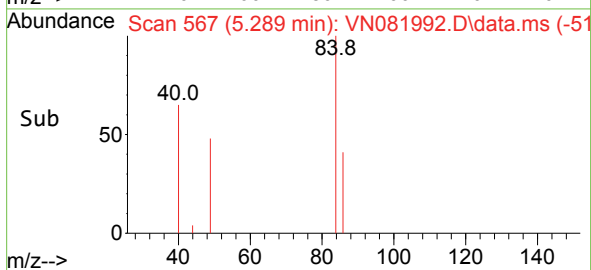
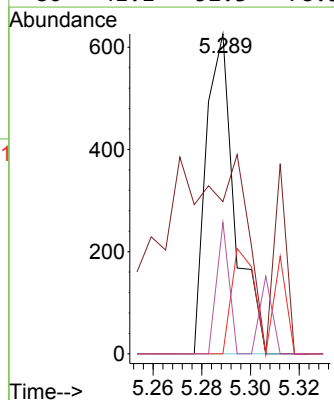
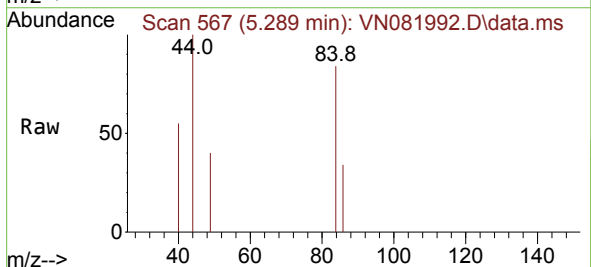
Instrument :
MSVOA_N
ClientSampleId :

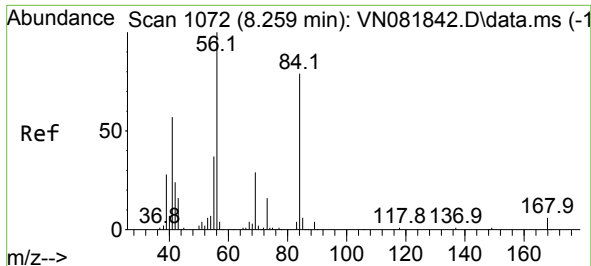
Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

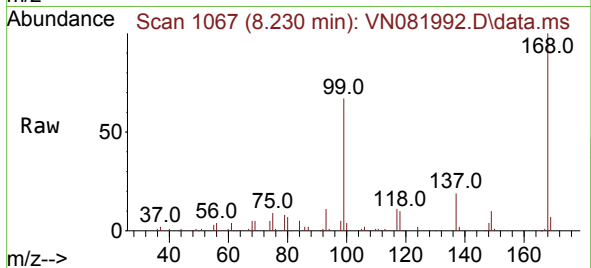
Tgt Ion: 84 Resp: 513
Ion Ratio Lower Upper
84 100
49 0.0 84.9 127.3#
51 0.0 27.0 40.6#
86 41.1 52.3 78.5#



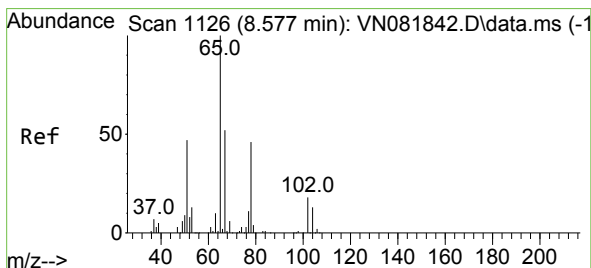
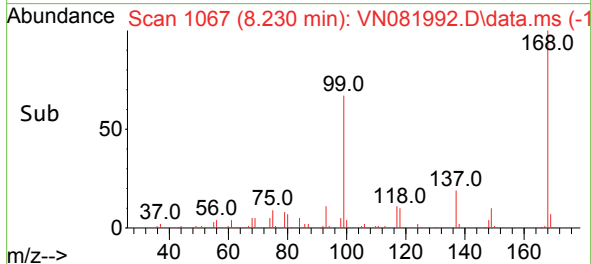
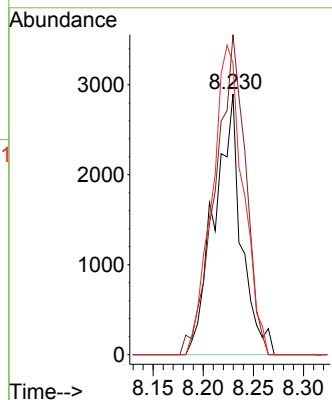


#31
Cyclohexane
Concen: 1.351 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

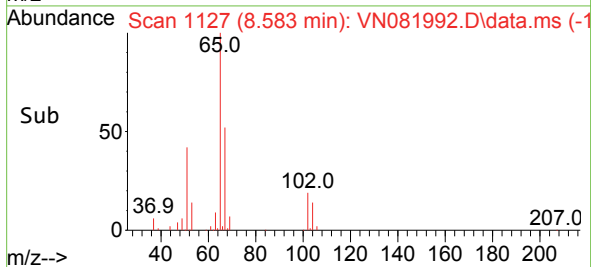
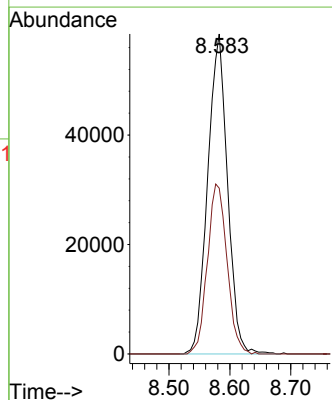
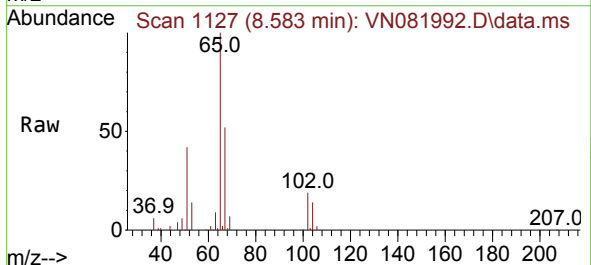


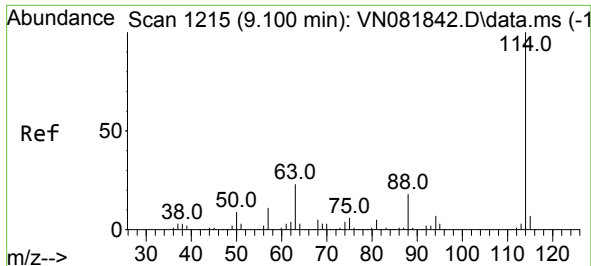
Tgt Ion: 56 Resp: 5463
Ion Ratio Lower Upper
56 100
69 122.7 24.4 36.6#
84 111.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 49.052 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Tgt Ion: 65 Resp: 131698
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081992.D

Acq: 03 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :

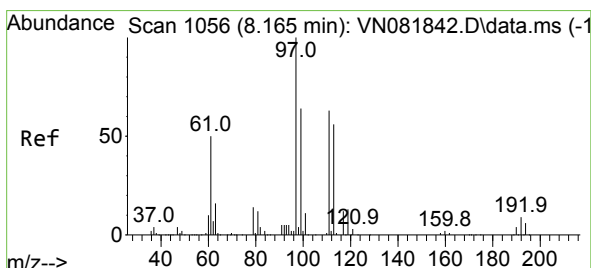
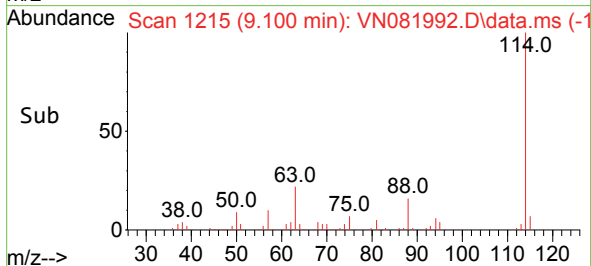
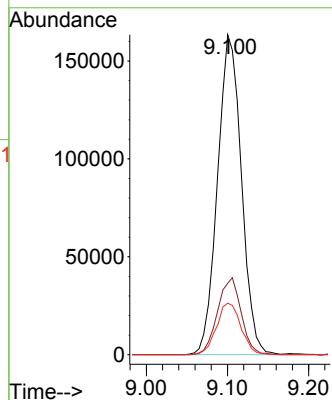
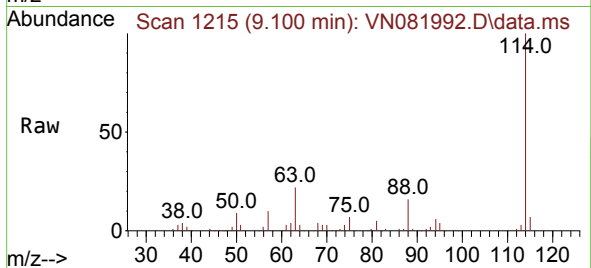
Tgt Ion:114 Resp: 334634

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.067 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081992.D

Acq: 03 May 2024 15:24

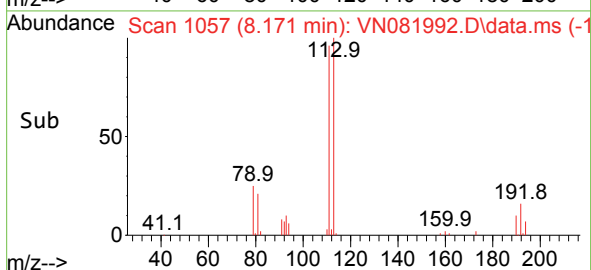
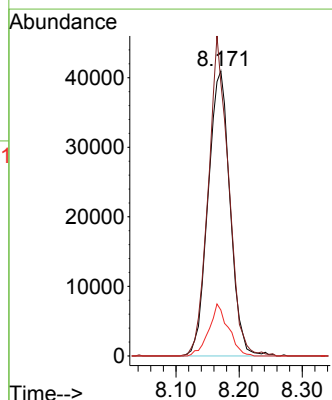
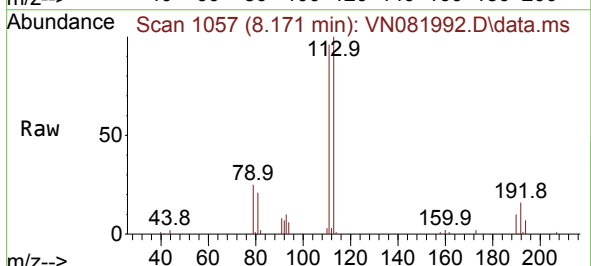
Tgt Ion:113 Resp: 98859

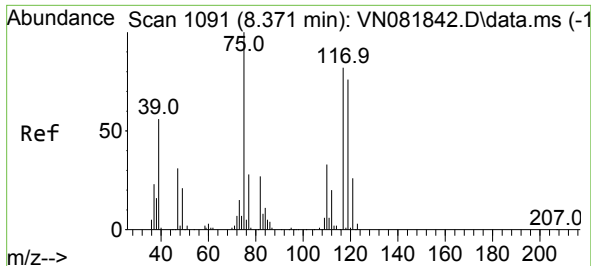
Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

192 16.2 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.203 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

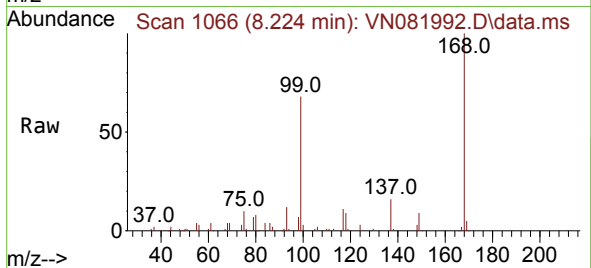
Lab File: VN081992.D

Acq: 03 May 2024 15:24

Instrument :

MSVOA_N

ClientSampleId :



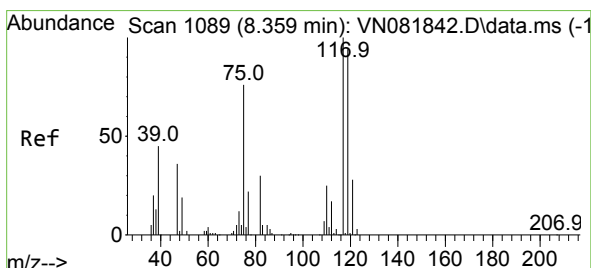
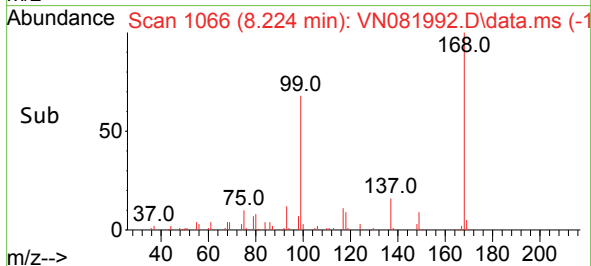
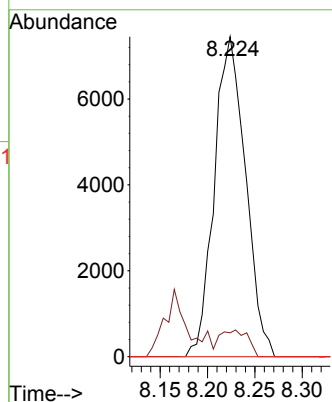
Tgt Ion: 75 Resp: 17054

Ion Ratio Lower Upper

75 100

110 7.4 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.861 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN081992.D

Acq: 03 May 2024 15:24

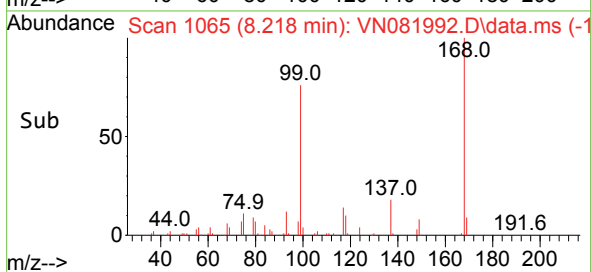
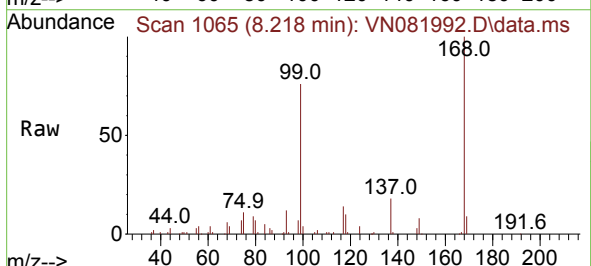
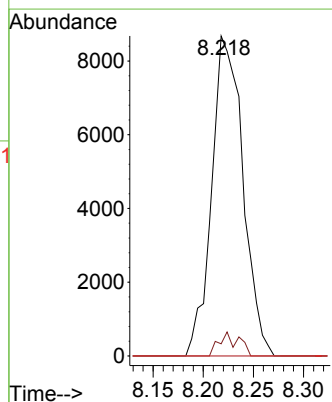
Tgt Ion: 117 Resp: 18777

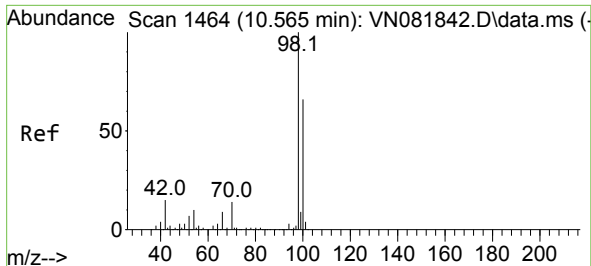
Ion Ratio Lower Upper

117 100

119 3.8 76.5 114.7#

121 0.0 23.9 35.9#

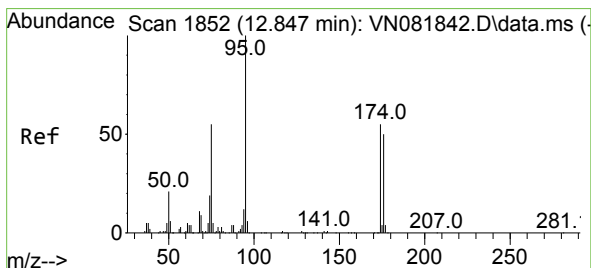
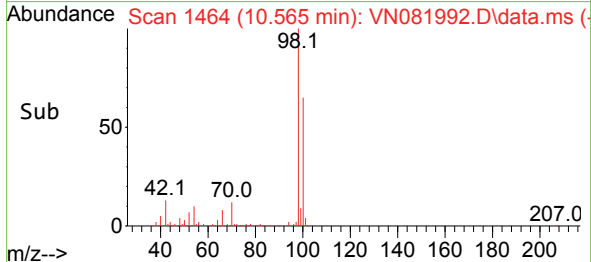
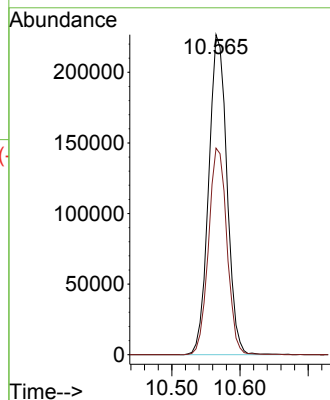
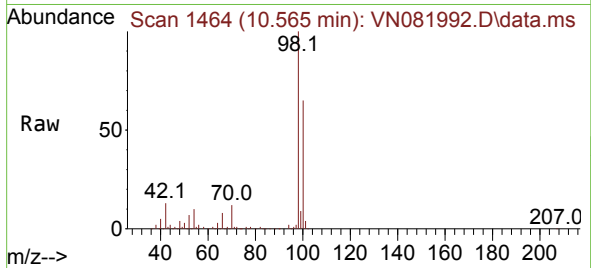




#50
Toluene-d8
Concen: 53.317 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

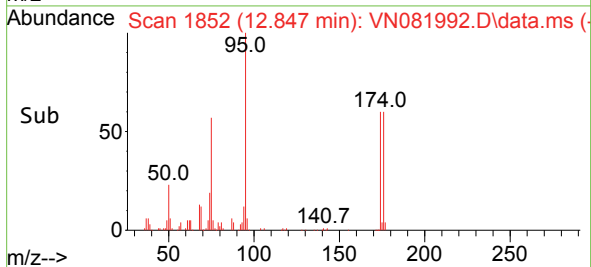
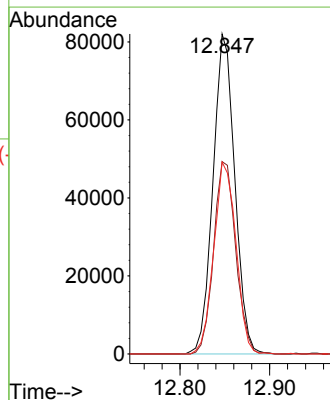
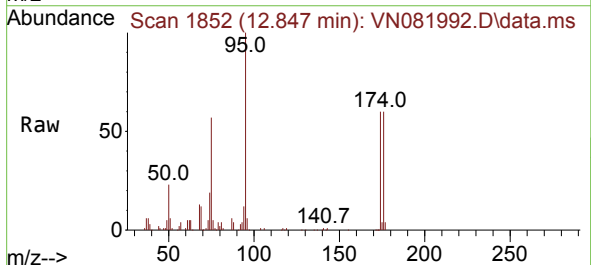
Instrument :
MSVOA_N
ClientSampleId :

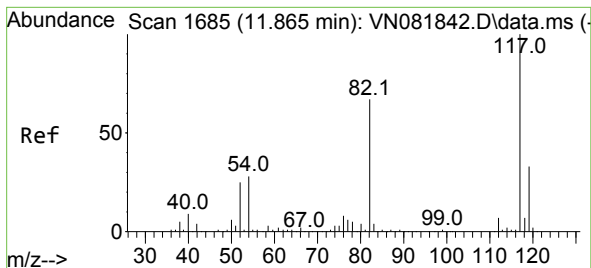
Tgt Ion: 98 Resp: 421893
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.257 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

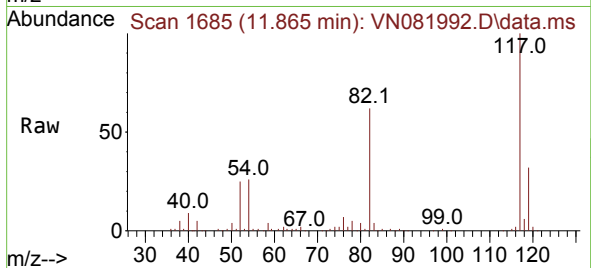
Tgt Ion: 95 Resp: 138437
Ion Ratio Lower Upper
95 100
174 61.1 0.0 160.6
176 61.0 0.0 152.8



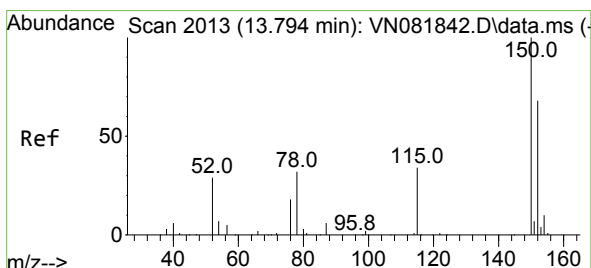
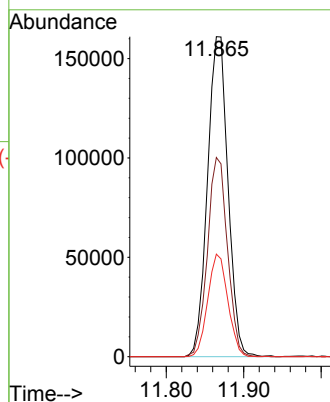
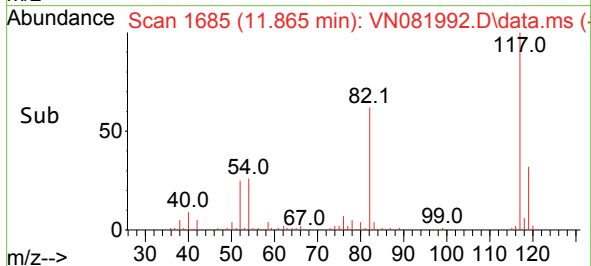


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

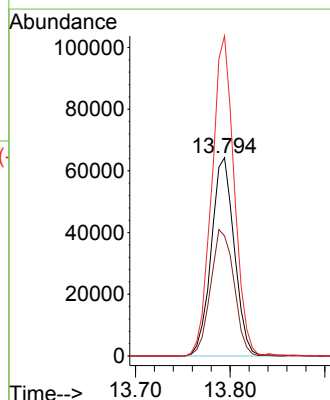
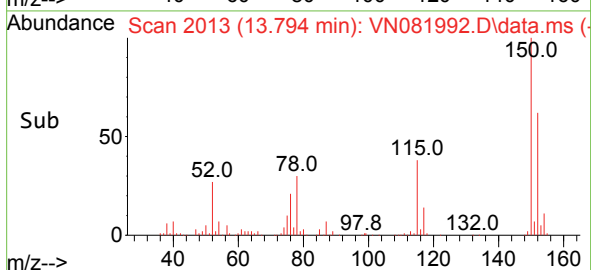
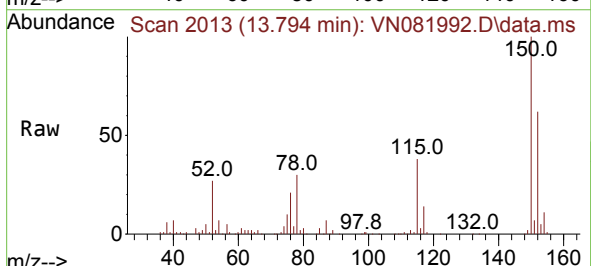


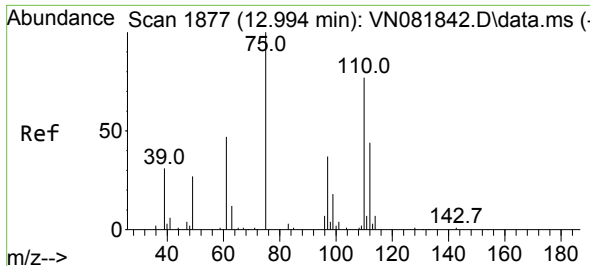
Tgt Ion:117 Resp: 295597
Ion Ratio Lower Upper
117 100
82 62.3 44.6 66.8
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Tgt Ion:152 Resp: 108729
Ion Ratio Lower Upper
152 100
115 64.8 30.4 91.3
150 156.7 0.0 353.2

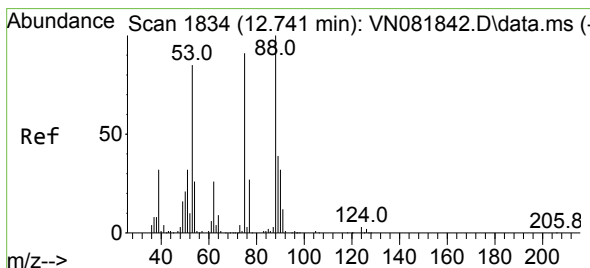
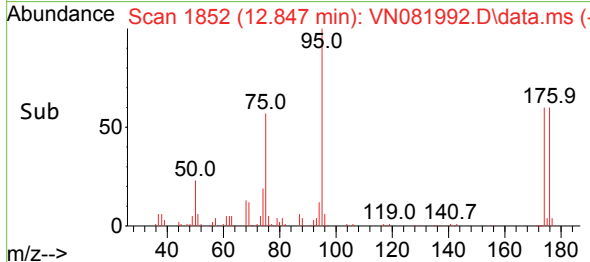
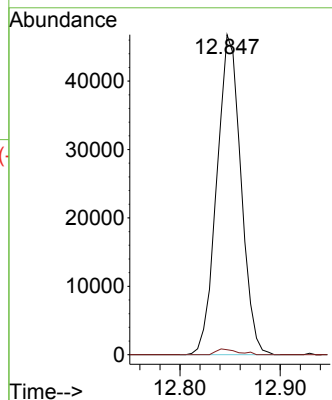
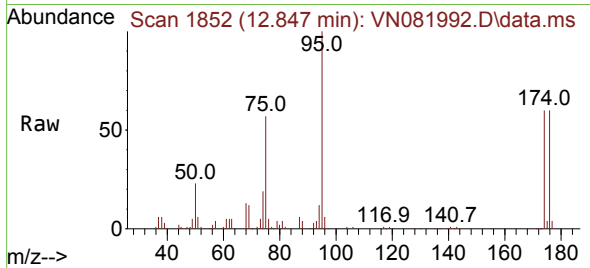




#76
1,2,3-Trichloropropane
Concen: 27.718 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 78140
Ion Ratio Lower Upper
75 100
77 1.6 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.798 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081992.D
Acq: 03 May 2024 15:24

Tgt Ion: 75 Resp: 78140
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

