

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081990.D
 Acq On : 03 May 2024 14:36
 Operator : JC\MD
 Sample : P2377-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 01:55:35 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)

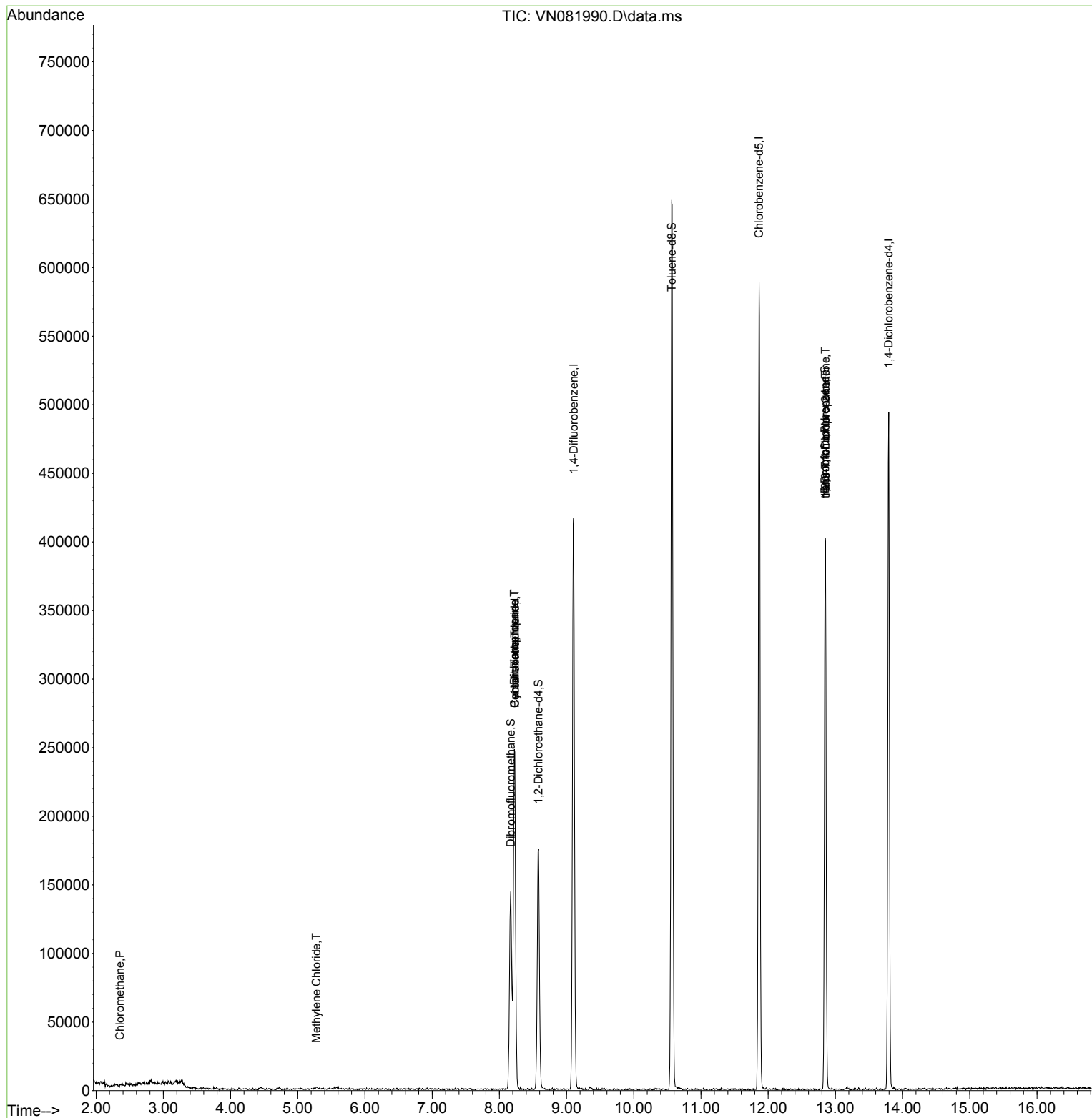
Internal Standards						
1) Pentafluorobenzene	8.229	168	170707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141082	48.968	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.940%
35) Dibromofluoromethane	8.171	113	105666	50.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.820%
50) Toluene-d8	10.565	98	434783	52.818	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.847	95	148346	45.588	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	622	0.249	ug/l #	44
5) Bromomethane	2.936	94	54	Below Cal	#	3
13) Acrolein	4.171	56	140	Below Cal	#	15
16) Acetone	4.430	43	790	Below Cal		98
20) Methylene Chloride	5.277	84	1165	0.472	ug/l #	61
31) Cyclohexane	8.229	56	5425	1.250	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	16476	4.832	ug/l #	49
38) Carbon Tetrachloride	8.229	117	19535	5.862	ug/l #	18
71) Bromoform	12.847	173	740	0.423	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	82949	26.976	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	82949	55.278	ug/l #	12

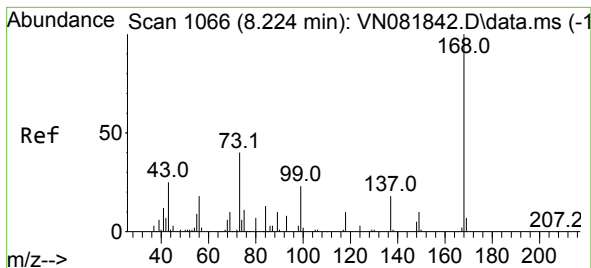
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 06 01:55:35 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN081990.D

Acq: 03 May 2024 14:36

Instrument :

MSVOA_N

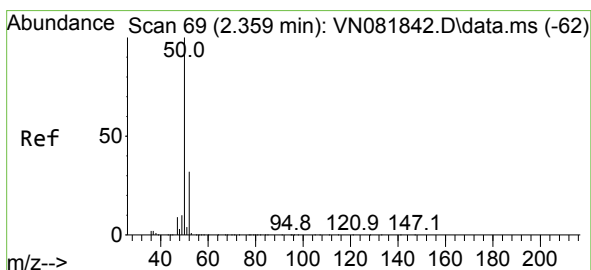
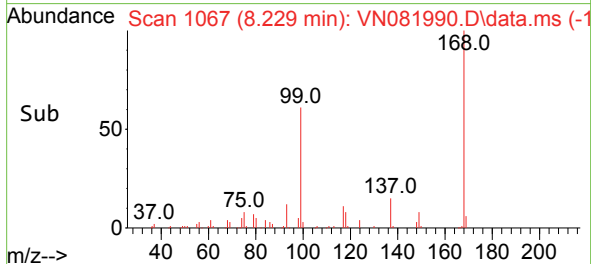
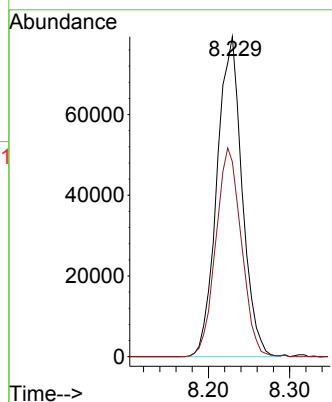
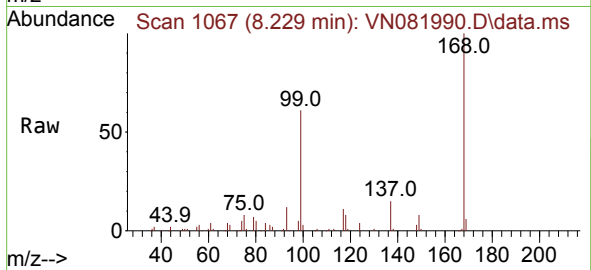
ClientSampleId :

Tgt Ion:168 Resp: 170707

Ion Ratio Lower Upper

168 100

99 60.9 48.2 72.4



#3

Chloromethane

Concen: 0.249 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN081990.D

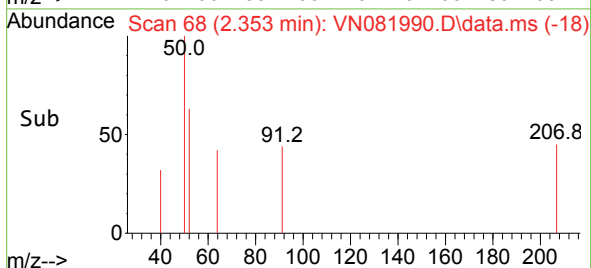
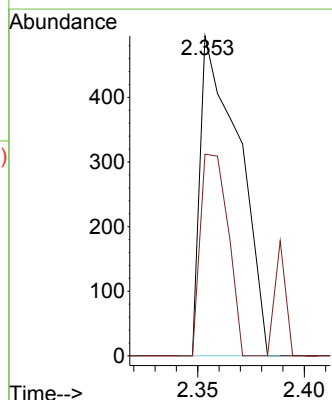
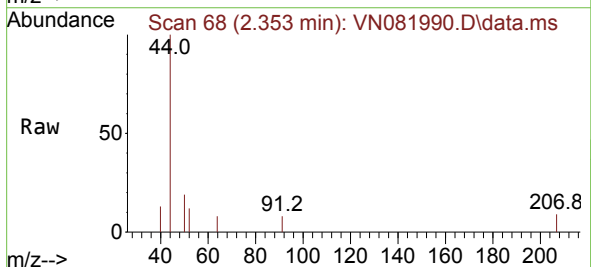
Acq: 03 May 2024 14:36

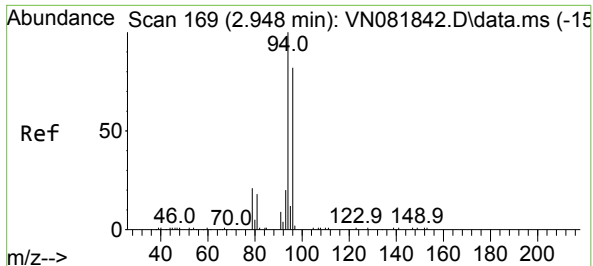
Tgt Ion: 50 Resp: 622

Ion Ratio Lower Upper

50 100

52 63.0 25.5 38.3#

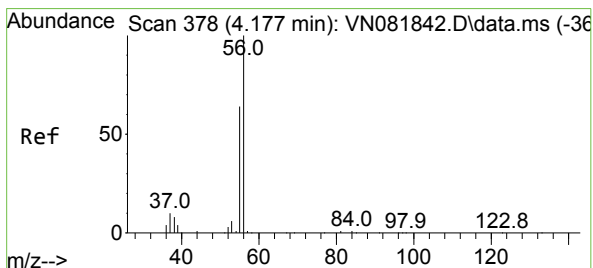
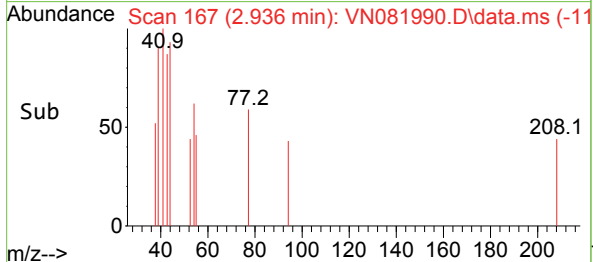
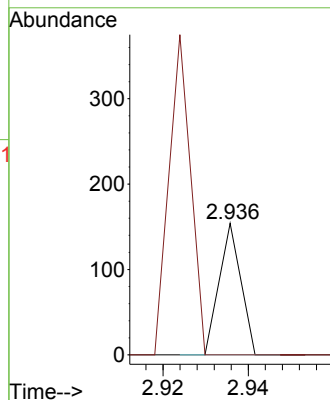
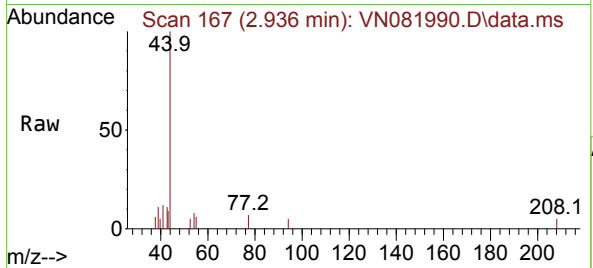




#5
Bromomethane
Concen: Below Cal
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

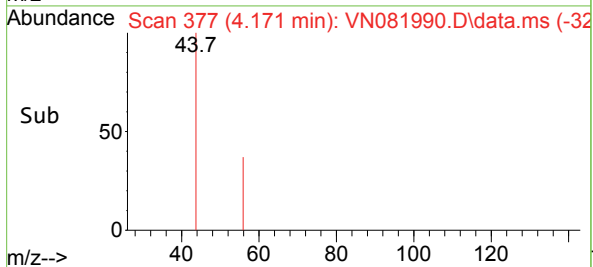
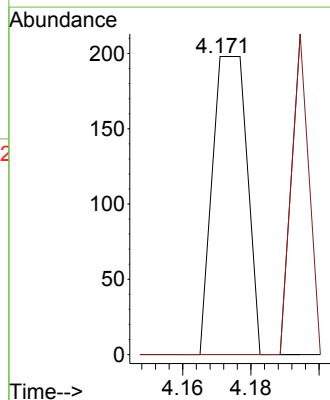
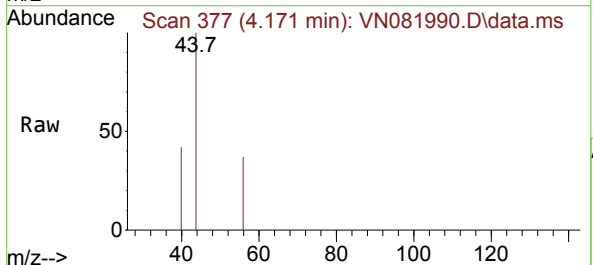
Instrument :
MSVOA_N
ClientSampleId :

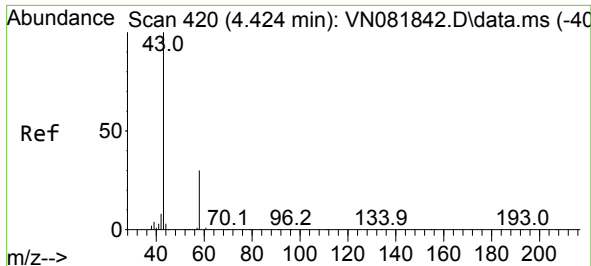
Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

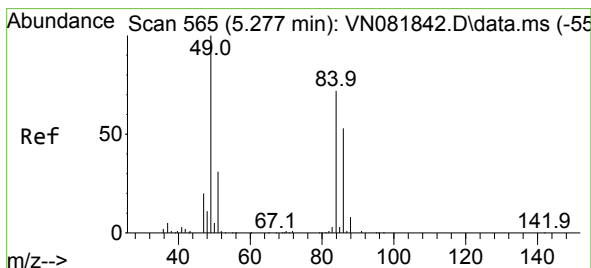
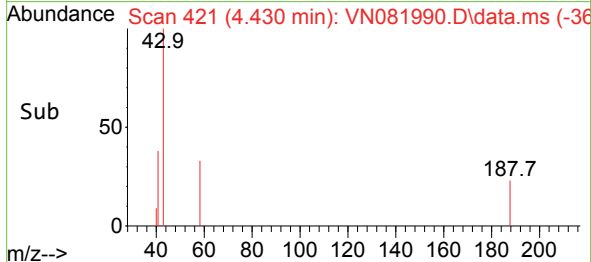
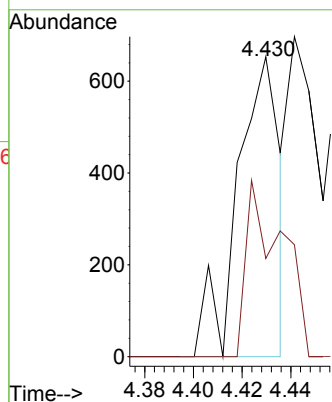
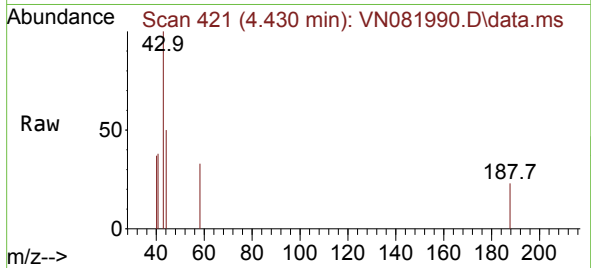




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

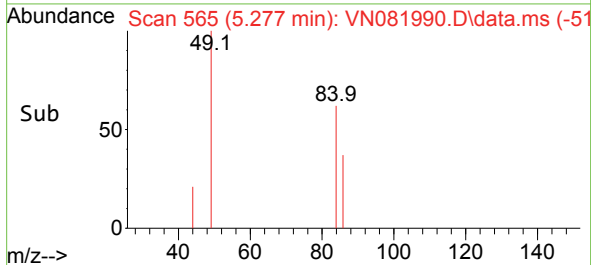
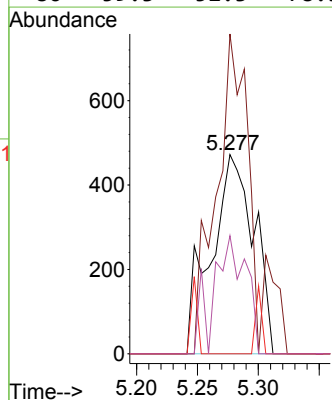
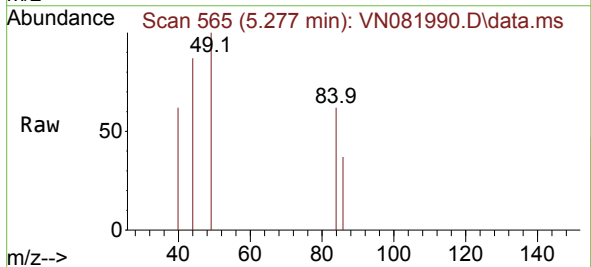
Instrument :
MSVOA_N
ClientSampleId :

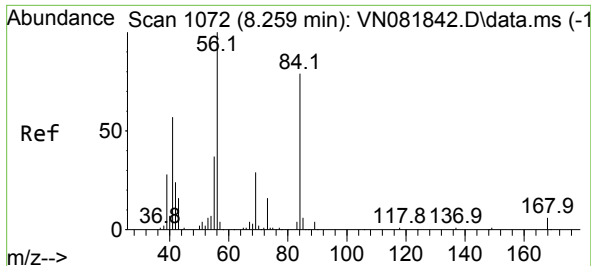
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 32.8 25.2 37.8



#20
Methylene Chloride
Concen: 0.472 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

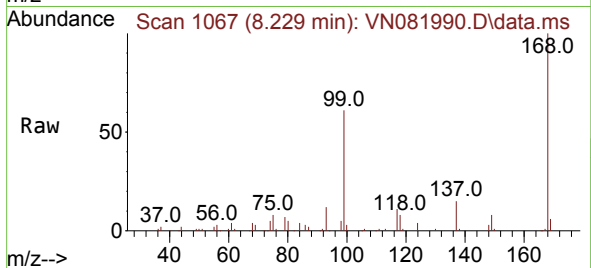
Tgt Ion: 84 Resp: 1165
Ion Ratio Lower Upper
84 100
49 160.6 84.9 127.3#
51 0.0 27.0 40.6#
86 59.3 52.3 78.5



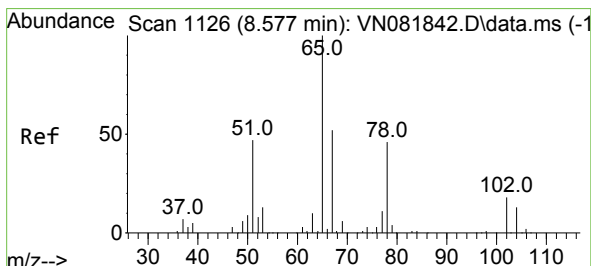
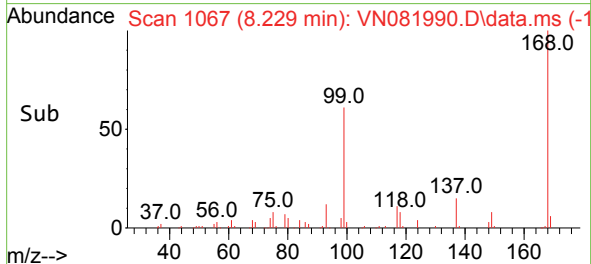
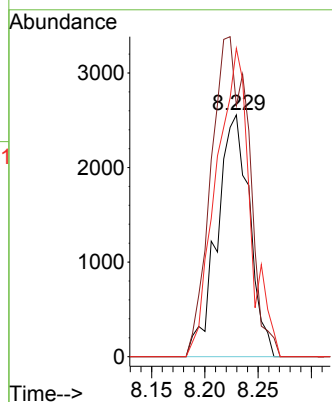


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

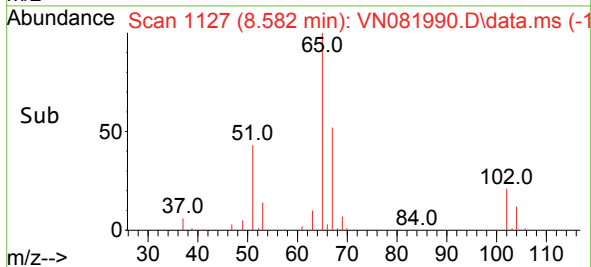
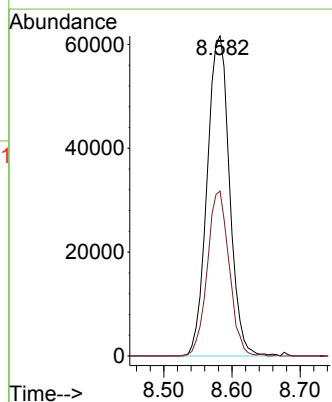
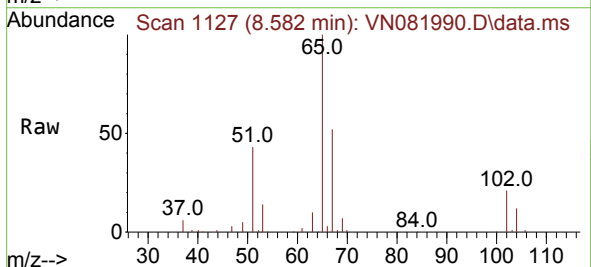


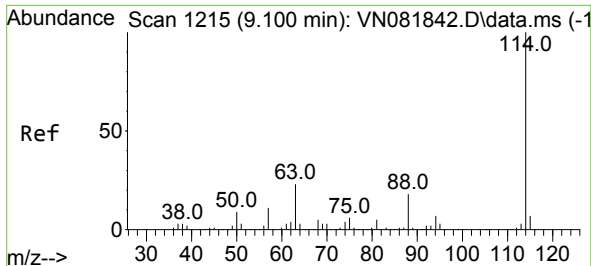
Tgt Ion: 56 Resp: 5425
Ion Ratio Lower Upper
56 100
69 103.8 24.4 36.6#
84 127.5 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 48.968 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

Tgt Ion: 65 Resp: 141082
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081990.D

Acq: 03 May 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

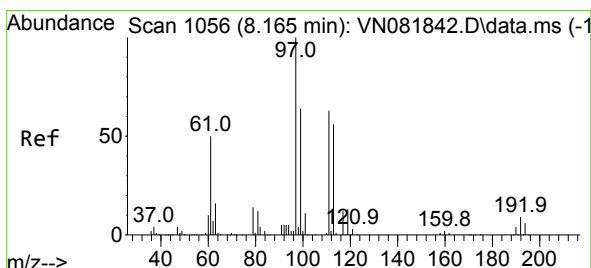
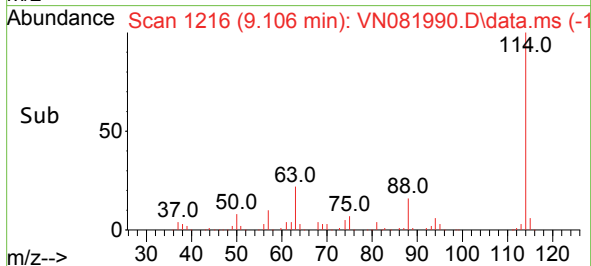
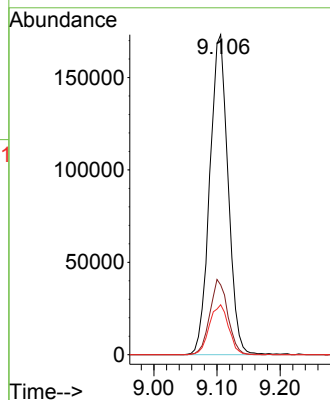
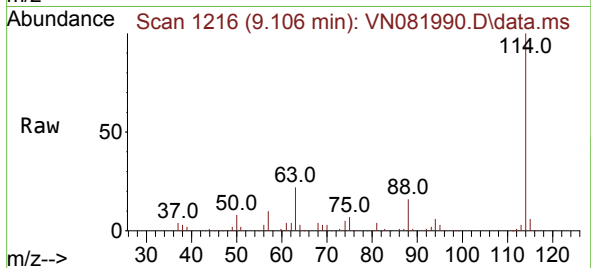
Tgt Ion:114 Resp: 348118

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.414 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081990.D

Acq: 03 May 2024 14:36

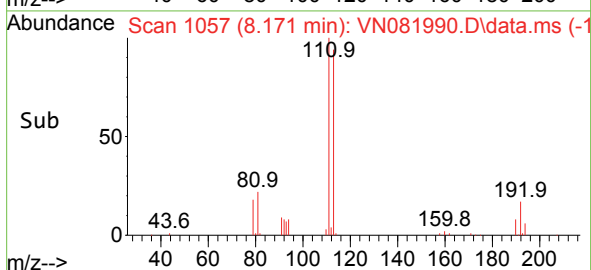
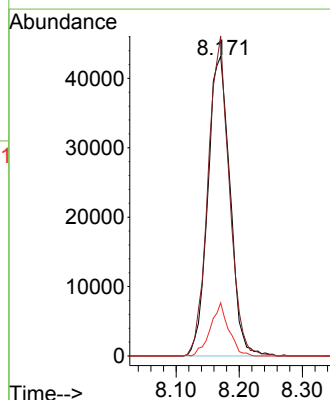
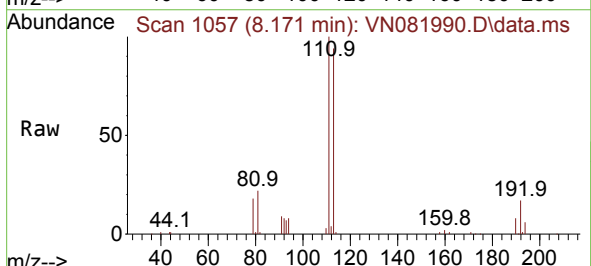
Tgt Ion:113 Resp: 105666

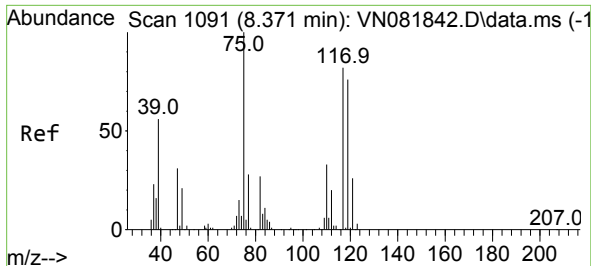
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

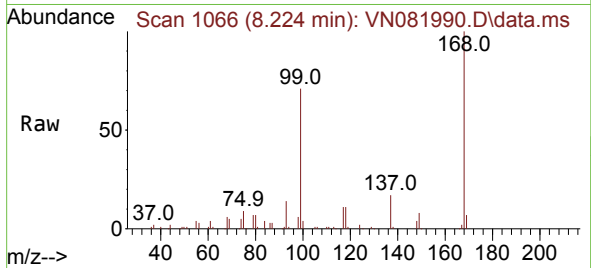
192 14.6 14.0 21.0



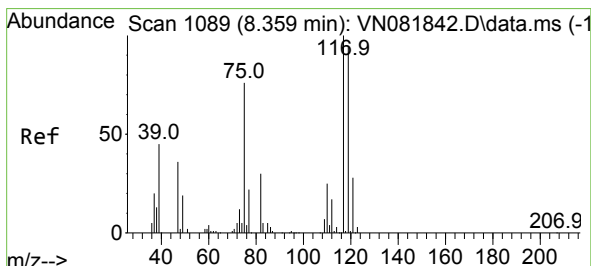
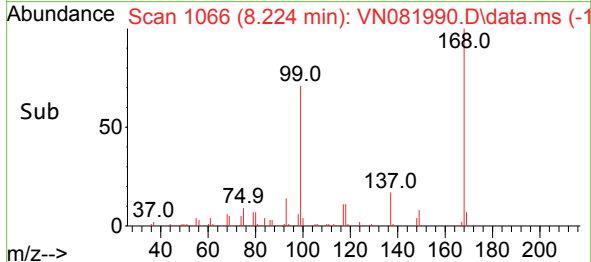
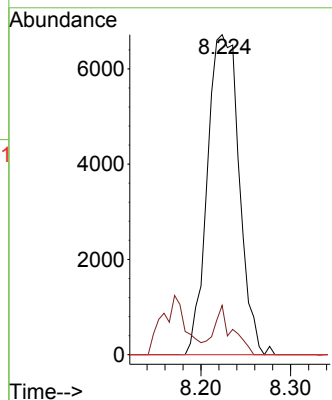


#36
 1,1-Dichloropropene
 Concen: 4.832 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081990.D
 Acq: 03 May 2024 14:36

Instrument :
 MSVOA_N
 ClientSampleId :

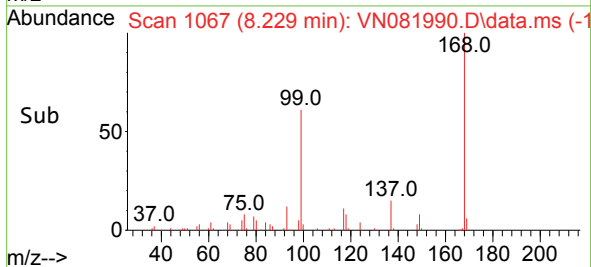
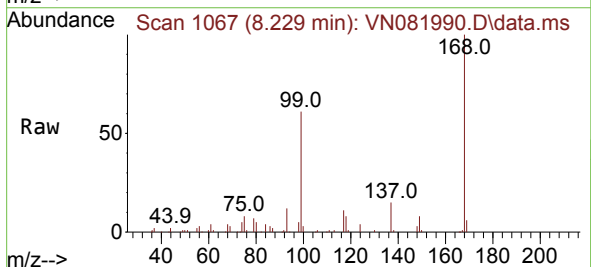
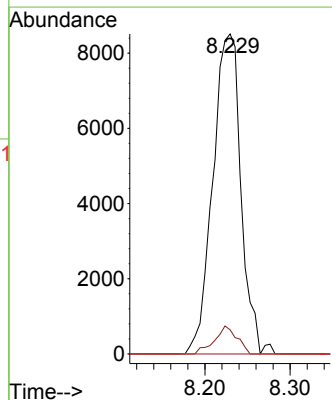


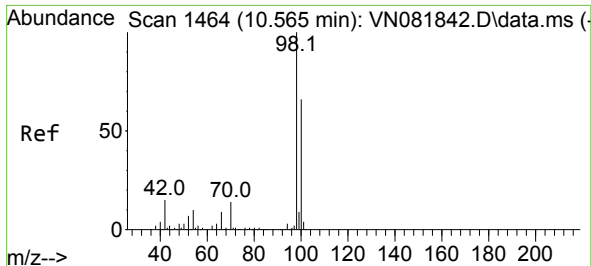
Tgt Ion: 75 Resp: 16476
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.862 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.129 min
 Lab File: VN081990.D
 Acq: 03 May 2024 14:36

Tgt Ion: 117 Resp: 19535
 Ion Ratio Lower Upper
 117 100
 119 7.6 76.5 114.7#
 121 0.0 23.9 35.9#

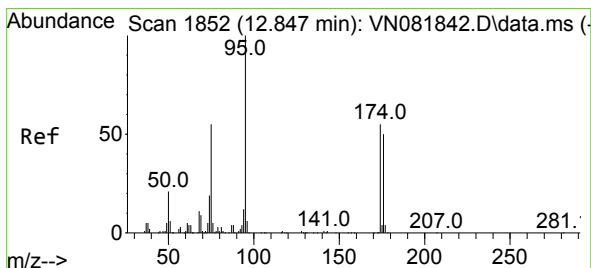
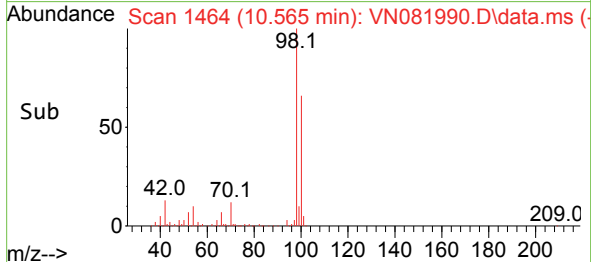
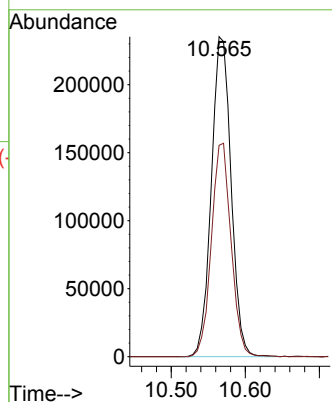
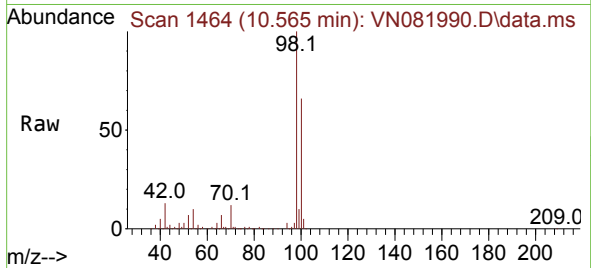




#50
Toluene-d8
Concen: 52.818 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

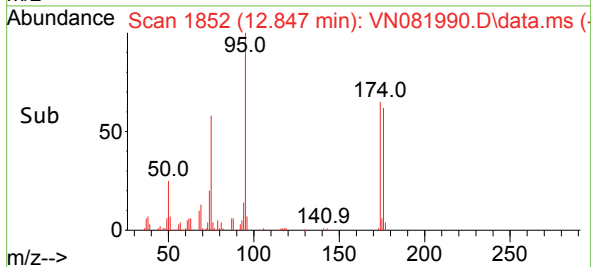
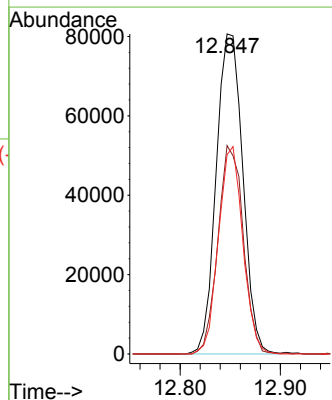
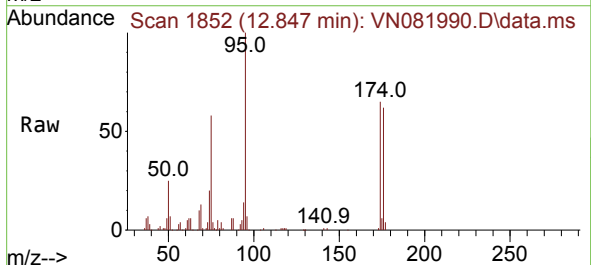
Instrument :
MSVOA_N
ClientSampleId :

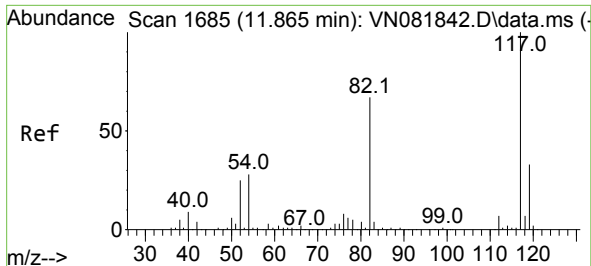
Tgt Ion: 98 Resp: 434783
Ion Ratio Lower Upper
98 100
100 66.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.588 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

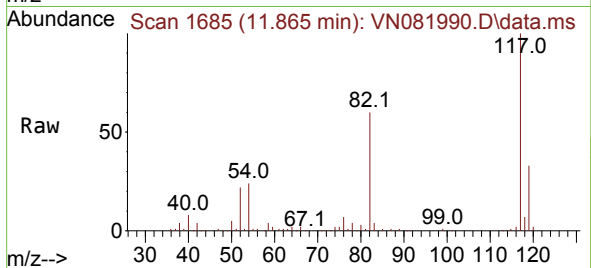
Tgt Ion: 95 Resp: 148346
Ion Ratio Lower Upper
95 100
174 62.1 0.0 160.6
176 59.4 0.0 152.8



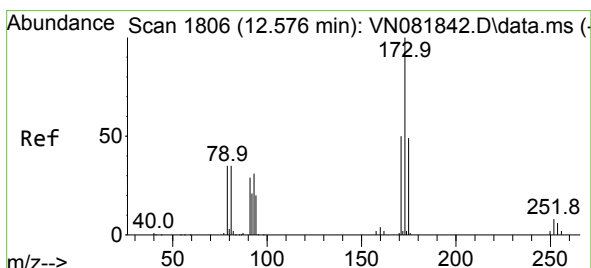
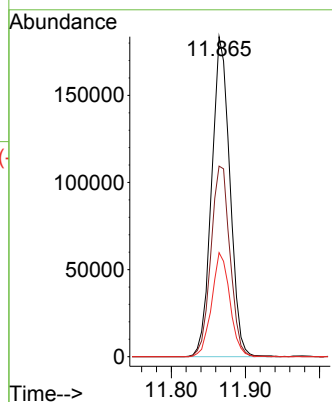
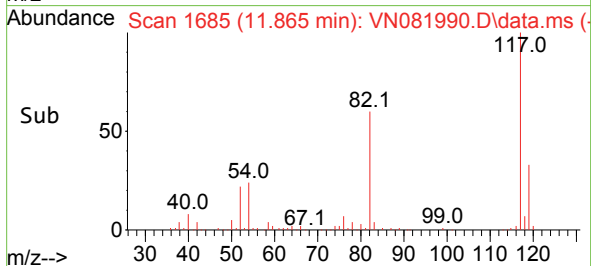


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

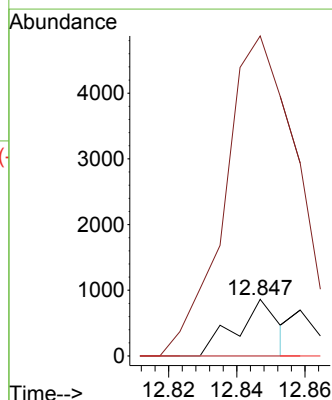
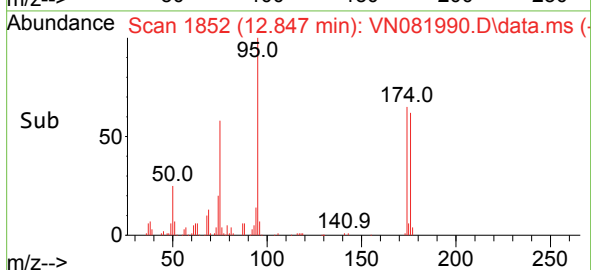
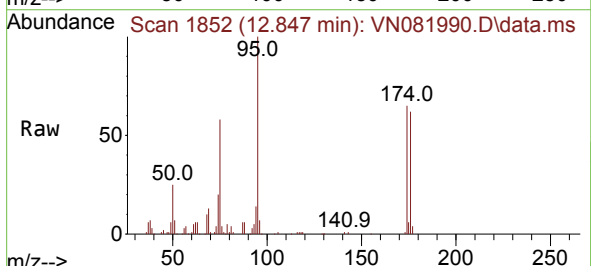


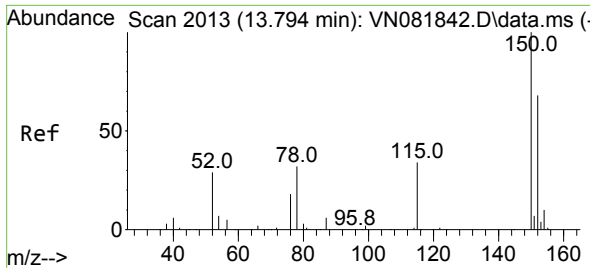
Tgt Ion:117 Resp: 313599
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 32.5 25.9 38.9



#71
Bromoform
Concen: 0.423 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

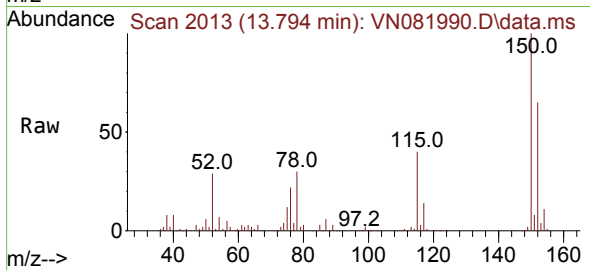
Tgt Ion:173 Resp: 740
Ion Ratio Lower Upper
173 100
175 777.0 24.6 74.0#
254 0.0 0.0 0.0



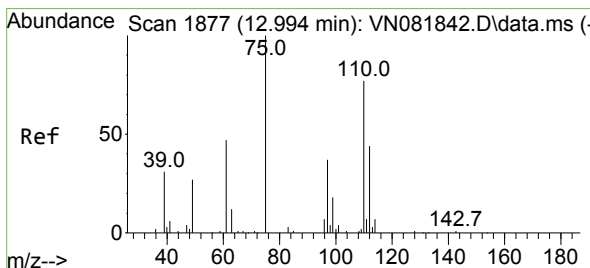
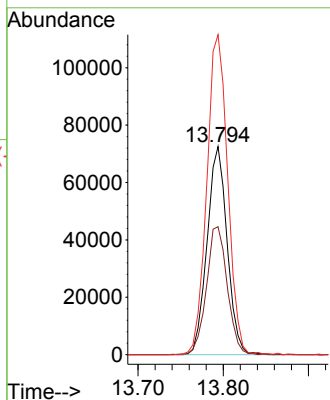
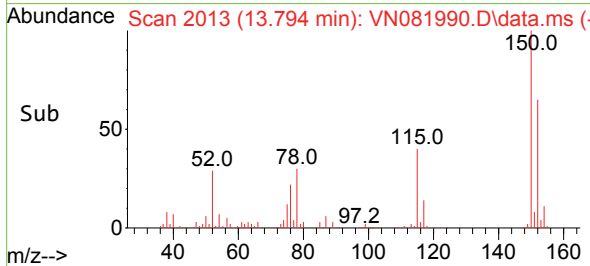


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :

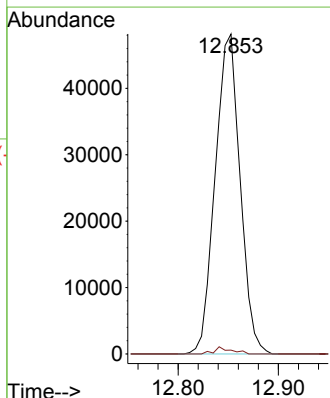
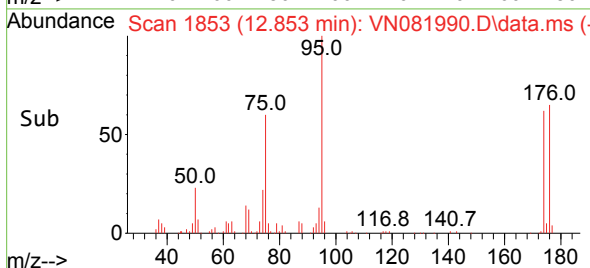
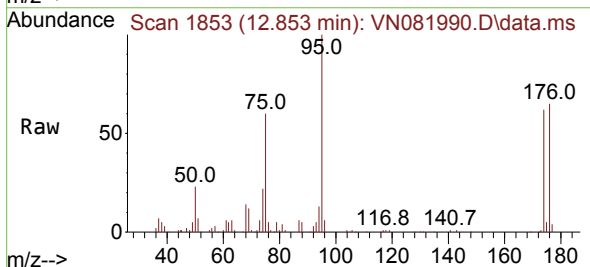


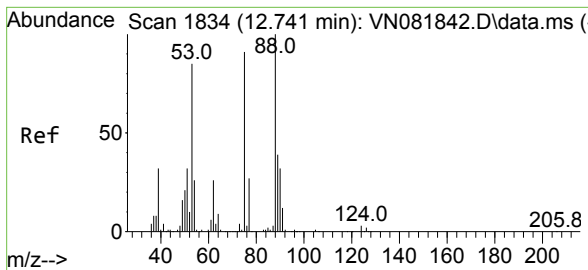
Tgt Ion:152 Resp: 118595
Ion Ratio Lower Upper
152 100
115 64.0 30.4 91.3
150 160.3 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 26.976 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081990.D
Acq: 03 May 2024 14:36

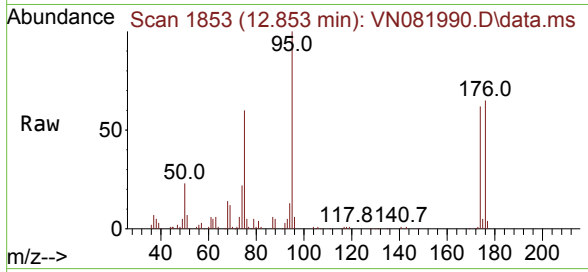
Tgt Ion: 75 Resp: 82949
Ion Ratio Lower Upper
75 100
77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.278 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081990.D
 Acq: 03 May 2024 14:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 82949
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

