

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081991.D
 Acq On : 03 May 2024 15:00
 Operator : JC\MD
 Sample : P2377-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 06 01:55:56 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	172712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137096	47.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.060%
35) Dibromofluoromethane	8.171	113	104670	48.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.580%
50) Toluene-d8	10.565	98	435136	51.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.300%
62) 4-Bromofluorobenzene	12.847	95	145625	43.725	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.460%

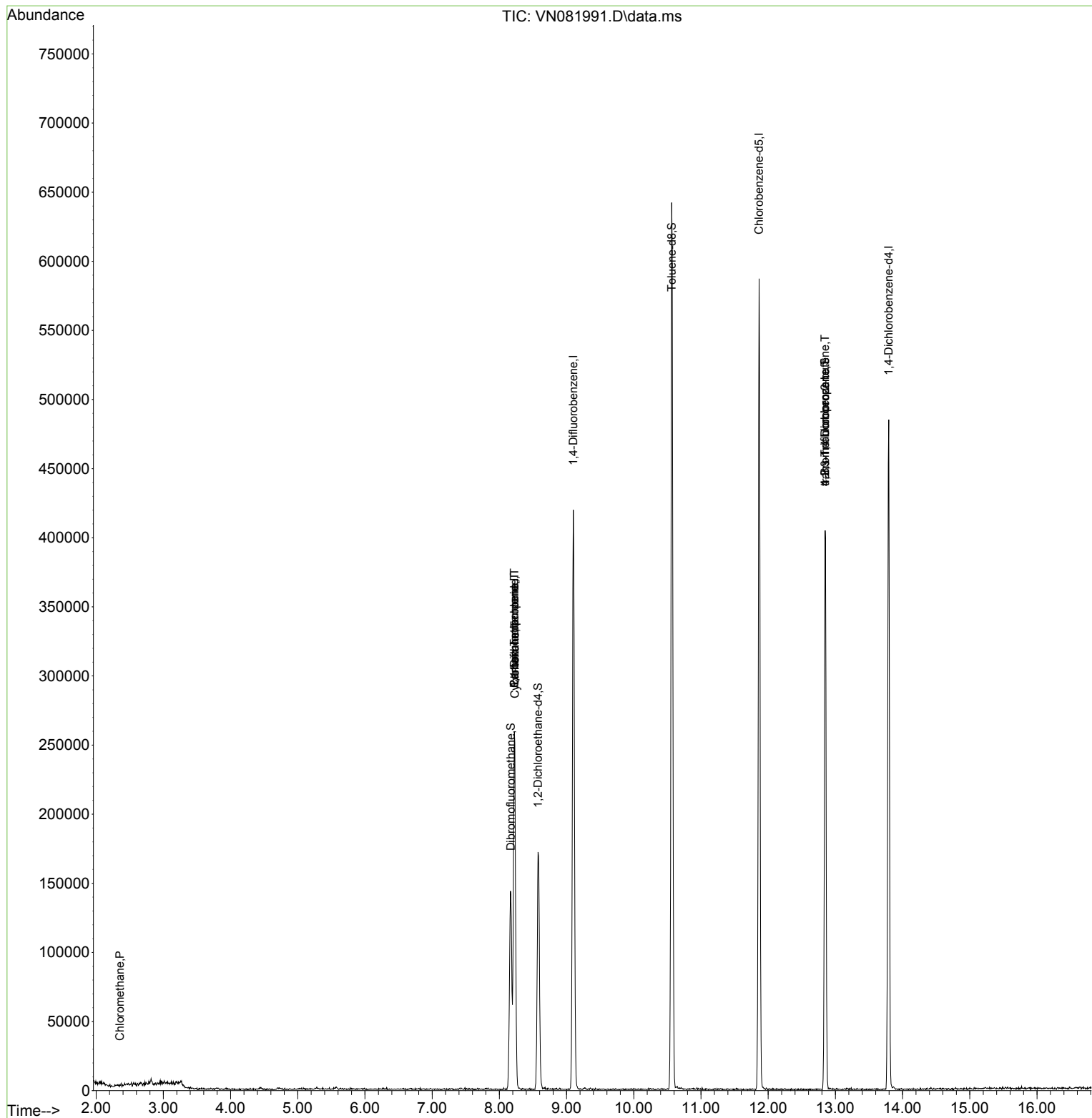
Target Compounds					Qvalue	
3) Chloromethane	2.353	50	724	0.286	ug/l	# 43
5) Bromomethane	2.977	94	311	Below Cal		# 74
13) Acrolein	4.171	56	141	Below Cal		# 63
16) Acetone	4.424	43	1220	Below Cal		# 43
31) Cyclohexane	8.230	56	5275	1.201	ug/l	# 5
36) 1,1-Dichloropropene	8.224	75	17089	4.897	ug/l	# 43
38) Carbon Tetrachloride	8.224	117	19711	5.779	ug/l	# 17
76) 1,2,3-Trichloropropane	12.847	75	81462	26.887	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	81462	55.096	ug/l	# 12

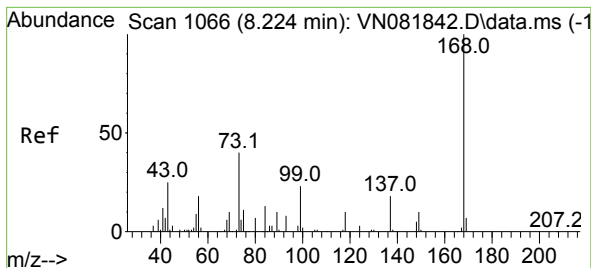
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1066

Delta R.T. -0.000 min

Lab File: VN081991.D

Acq: 03 May 2024 15:00

Instrument :

MSVOA_N

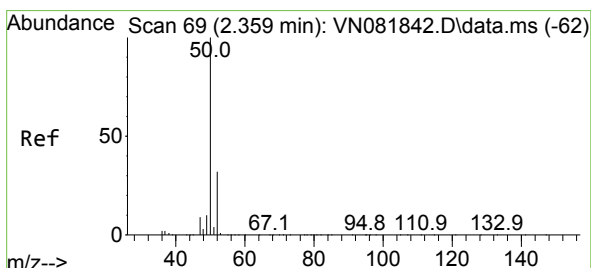
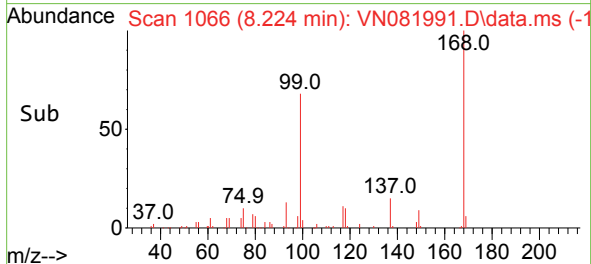
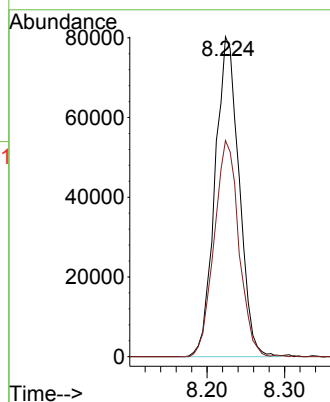
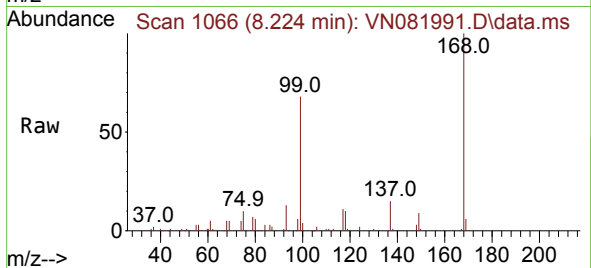
ClientSampleId :

Tgt Ion:168 Resp: 172712

Ion Ratio Lower Upper

168 100

99 67.5 48.2 72.4



#3

Chloromethane

Concen: 0.286 ug/l

RT: 2.353 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN081991.D

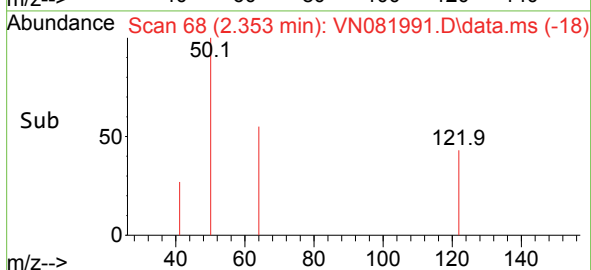
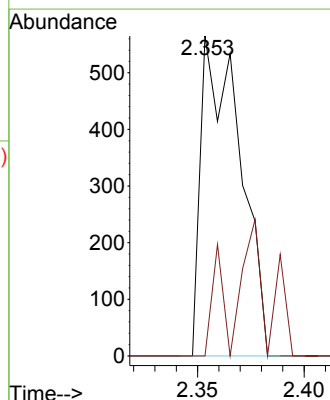
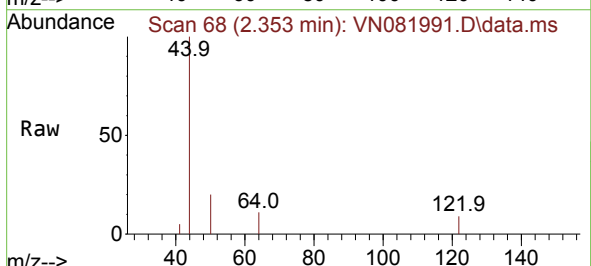
Acq: 03 May 2024 15:00

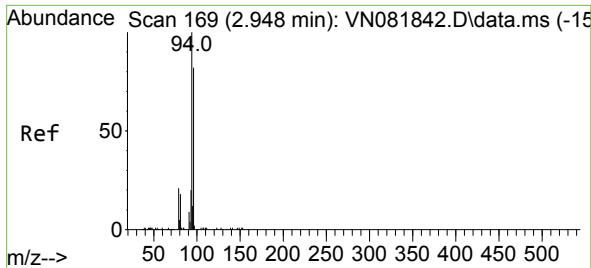
Tgt Ion: 50 Resp: 724

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

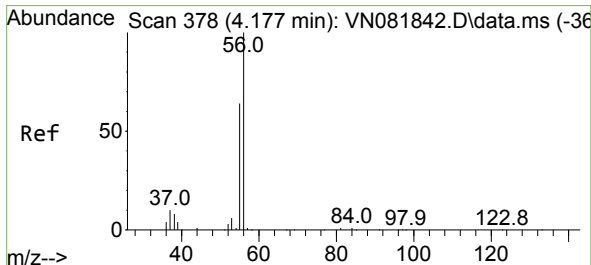
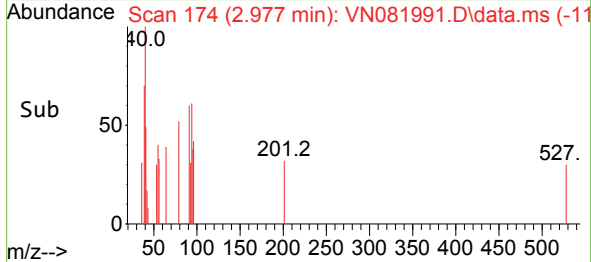
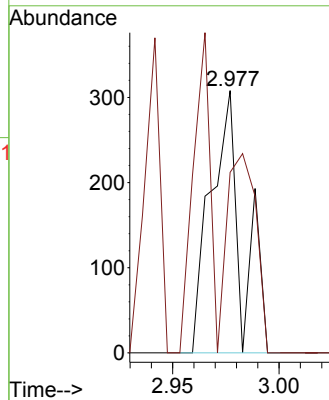
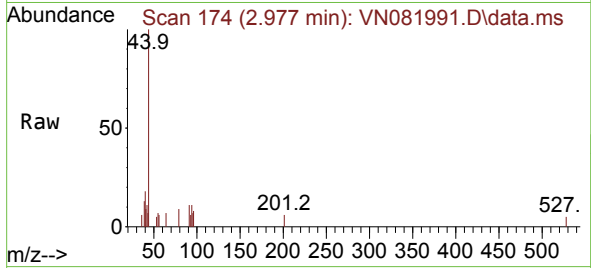




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN081991.D
Acq: 03 May 2024 15:00

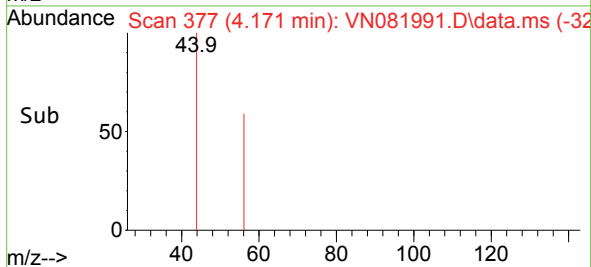
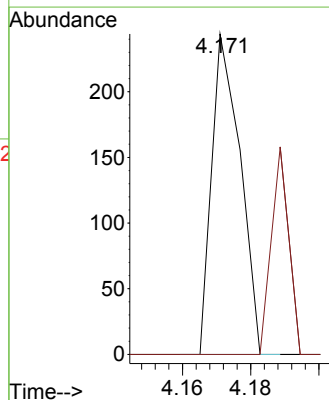
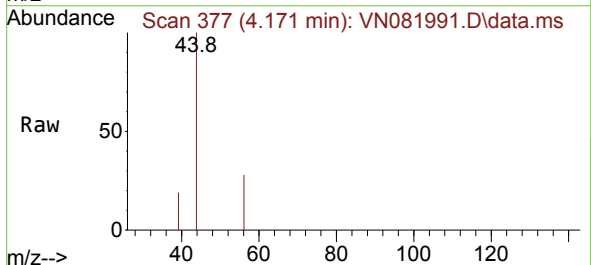
Instrument :
MSVOA_N
ClientSampleId :

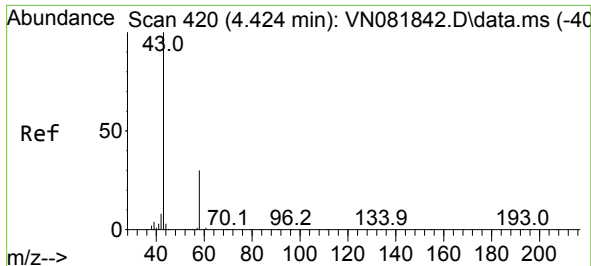
Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 68.8 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN081991.D
Acq: 03 May 2024 15:00

Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 39.7 55.8 83.8#

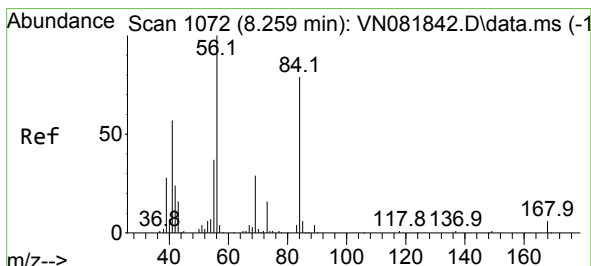
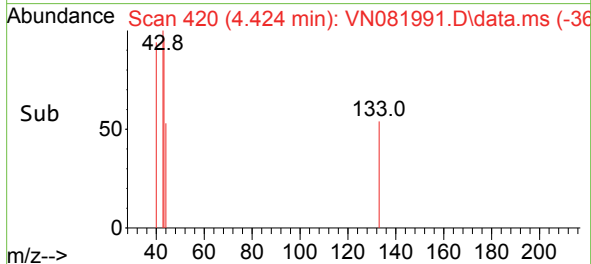
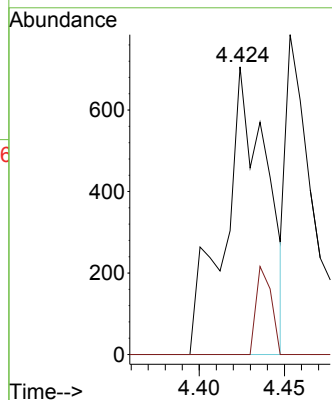
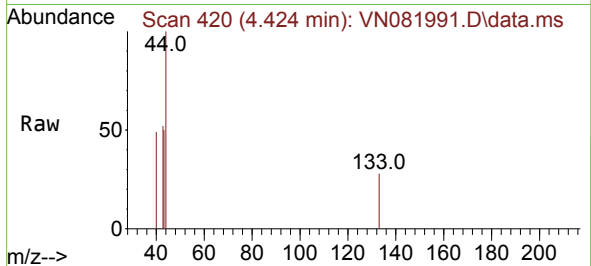




#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081991.D
Acq: 03 May 2024 15:00

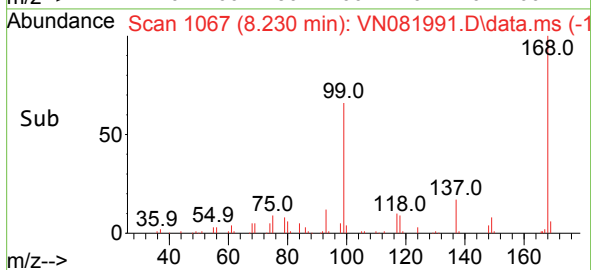
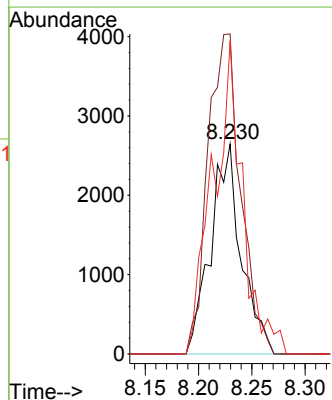
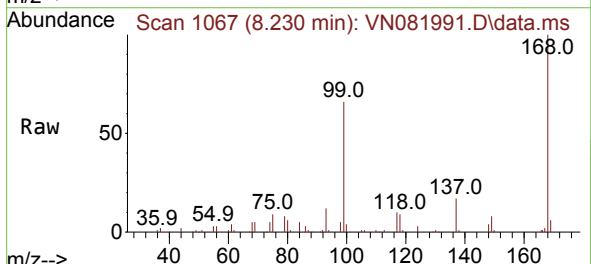
Instrument :
MSVOA_N
ClientSampleId :

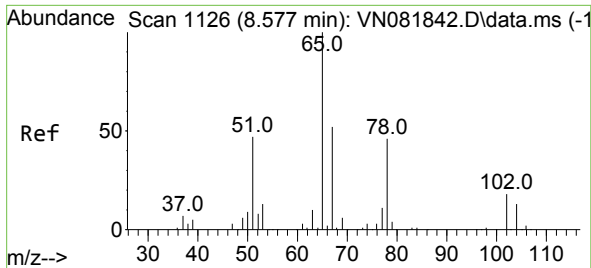
Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081991.D
Acq: 03 May 2024 15:00

Tgt Ion: 56 Resp: 5275
Ion Ratio Lower Upper
56 100
69 152.5 24.4 36.6#
84 149.2 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 47.032 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081991.D

Acq: 03 May 2024 15:00

Instrument :

MSVOA_N

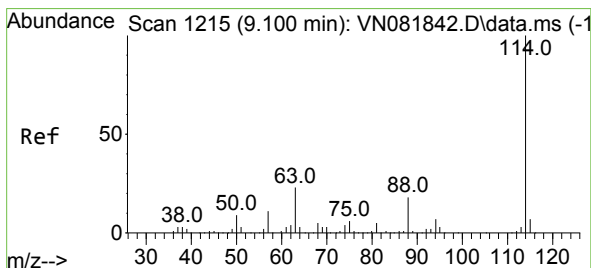
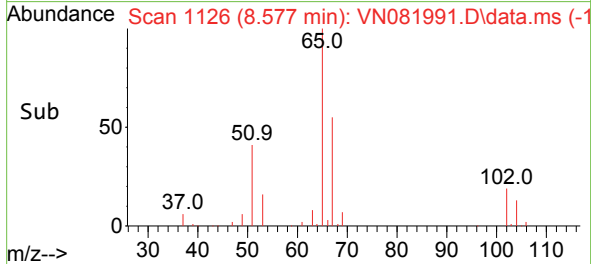
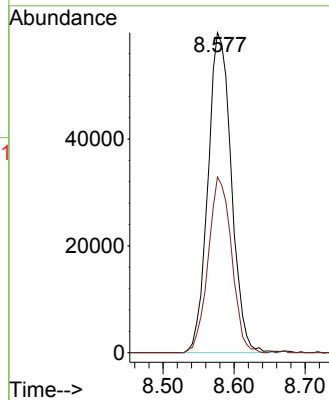
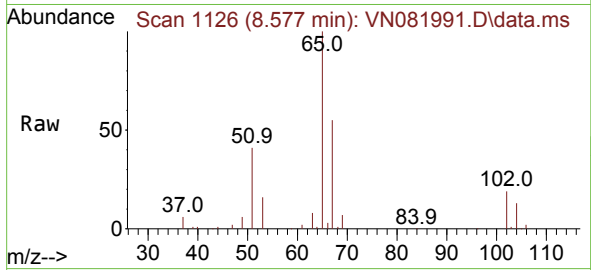
ClientSampleId :

Tgt Ion: 65 Resp: 137096

Ion Ratio Lower Upper

65 100

67 54.7 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: VN081991.D

Acq: 03 May 2024 15:00

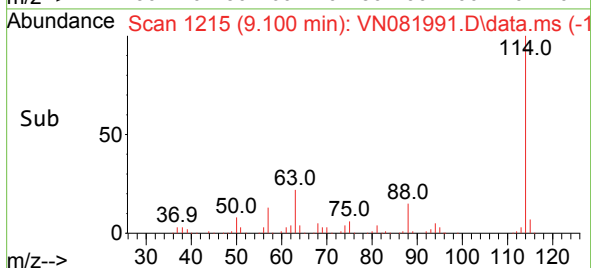
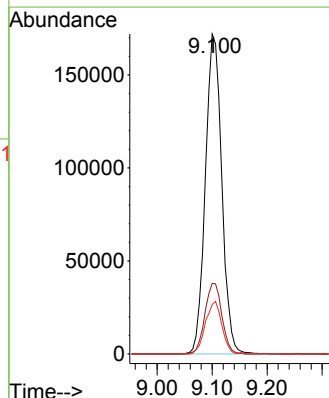
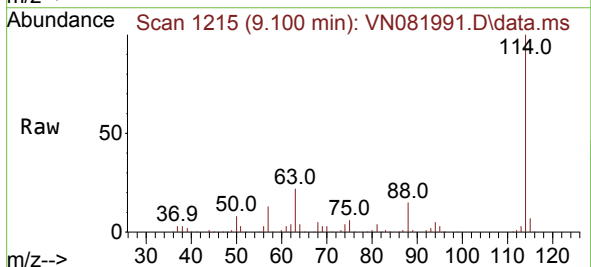
Tgt Ion: 114 Resp: 356289

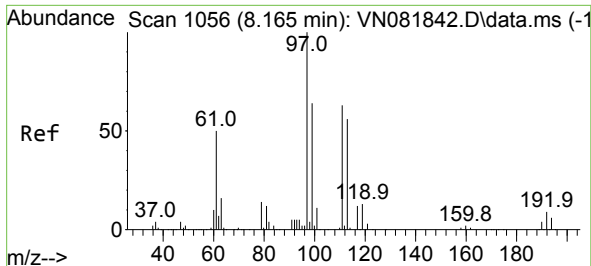
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.0

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.793 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

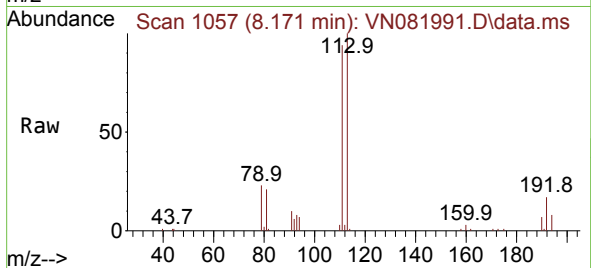
Lab File: VN081991.D

Acq: 03 May 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :



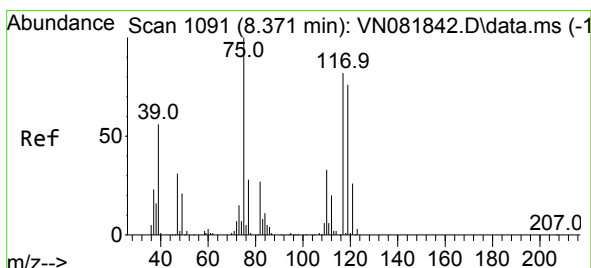
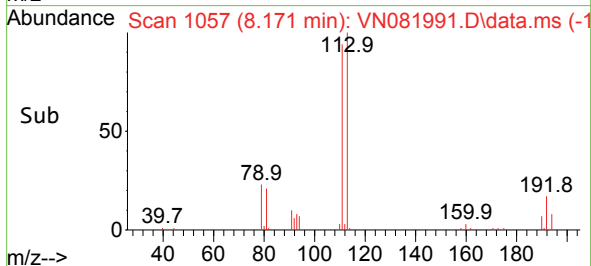
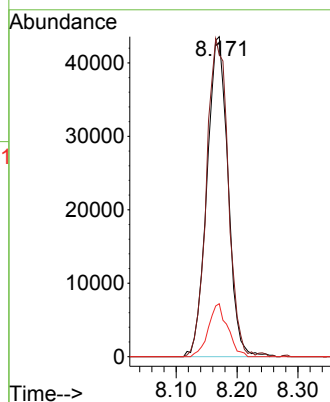
Tgt Ion:113 Resp: 104670

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

192 15.2 14.0 21.0



#36

1,1-Dichloropropene

Concen: 4.897 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081991.D

Acq: 03 May 2024 15:00

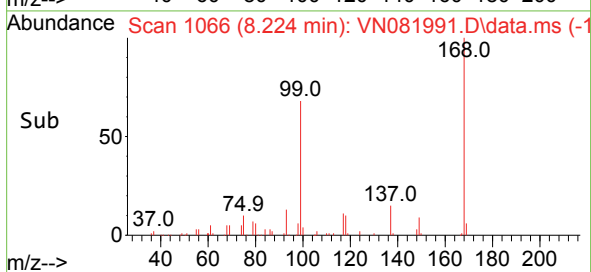
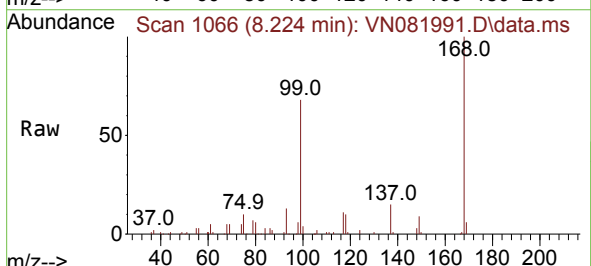
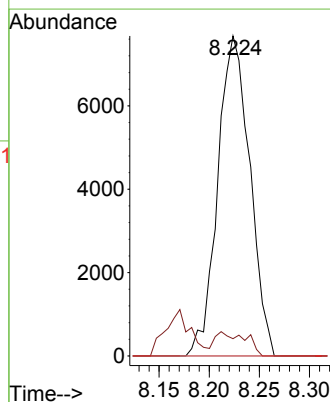
Tgt Ion: 75 Resp: 17089

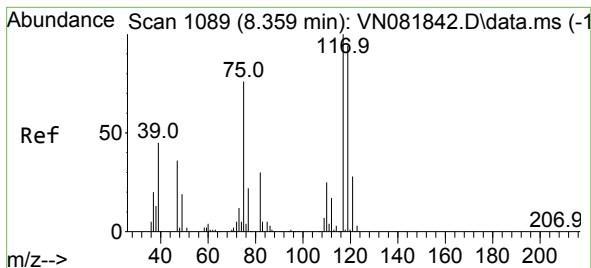
Ion Ratio Lower Upper

75 100

110 2.5 17.8 53.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.779 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

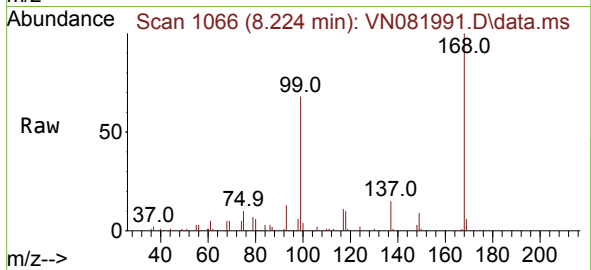
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Acq: 03 May 2024 15:00

Instrument :

MSVOA_N

ClientSampleId :



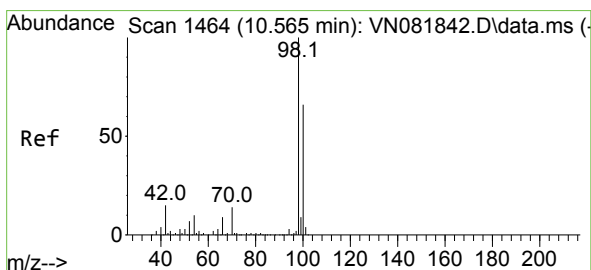
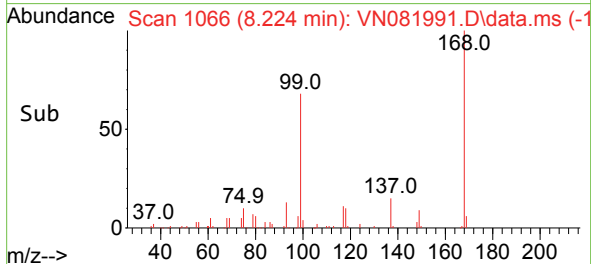
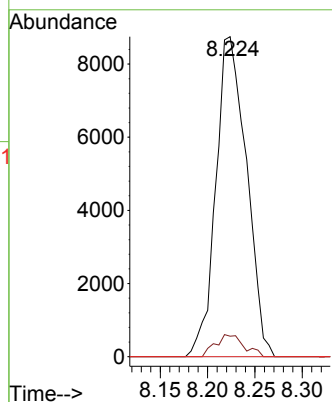
Tgt Ion:117 Resp: 19711

Ion Ratio Lower Upper

117 100

119 6.4 76.5 114.7#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 51.648 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081991.D

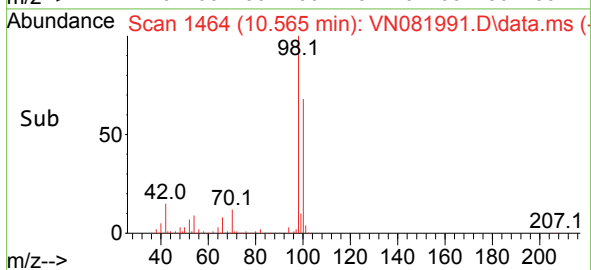
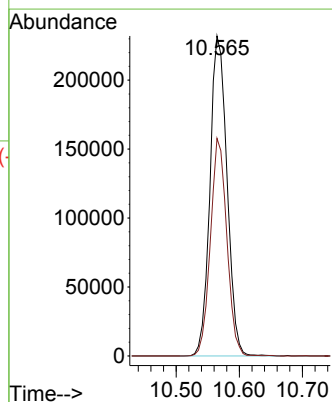
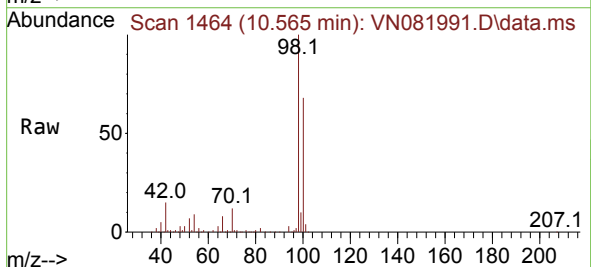
Acq: 03 May 2024 15:00

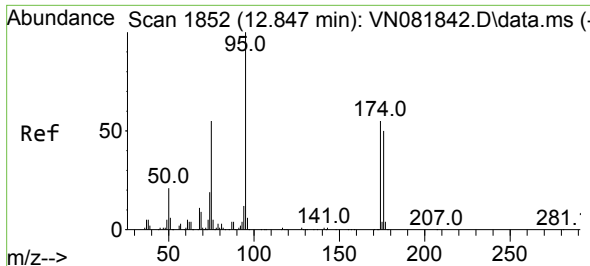
Tgt Ion: 98 Resp: 435136

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6

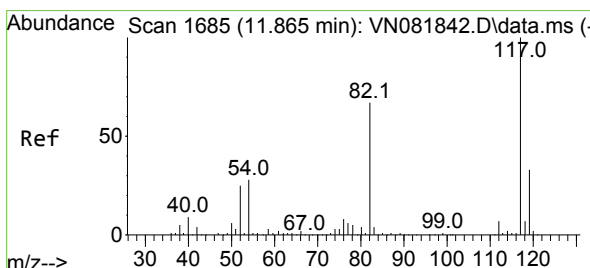
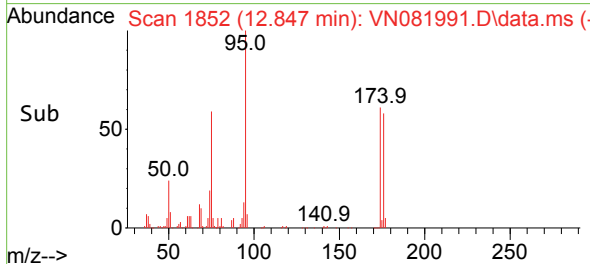
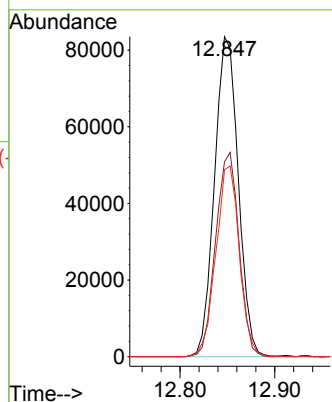
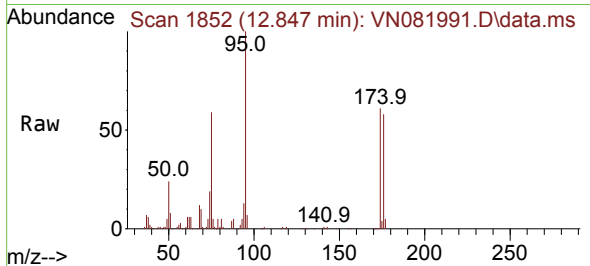




#62
4-Bromofluorobenzene
Concen: 43.725 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081991.D
Acq: 03 May 2024 15:00

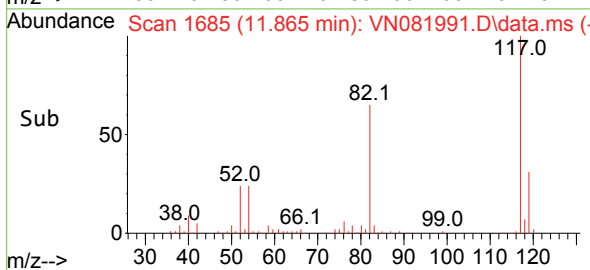
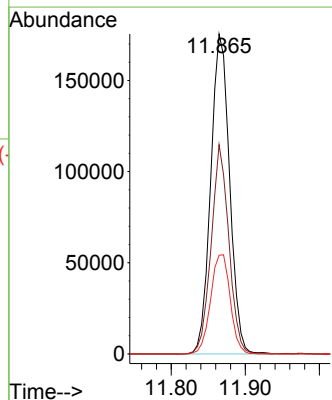
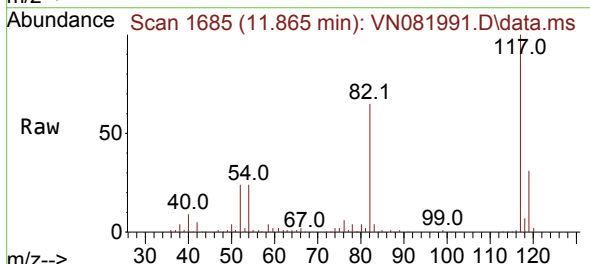
Instrument :
MSVOA_N
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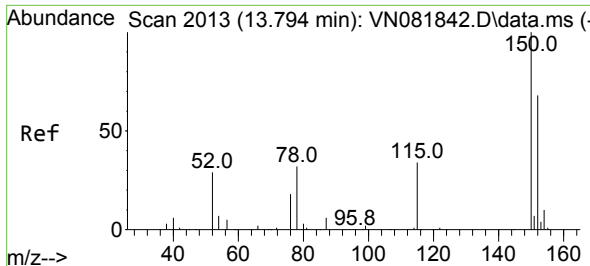
Tgt Ion: 95 Resp: 145625
Ion Ratio Lower Upper
95 100
174 62.6 0.0 160.6
176 58.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081991.D
Acq: 03 May 2024 15:00

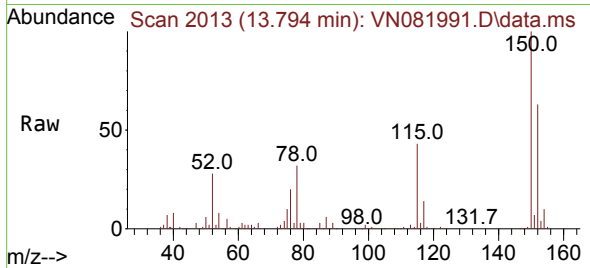
Tgt Ion: 117 Resp: 310044
Ion Ratio Lower Upper
117 100
82 65.4 44.6 66.8
119 30.9 25.9 38.9



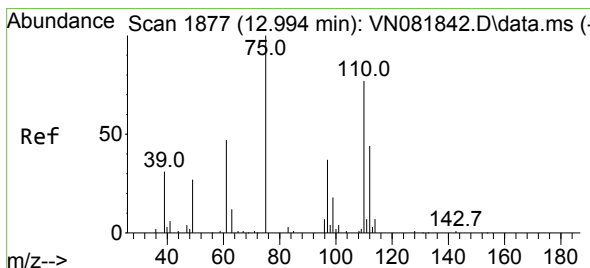
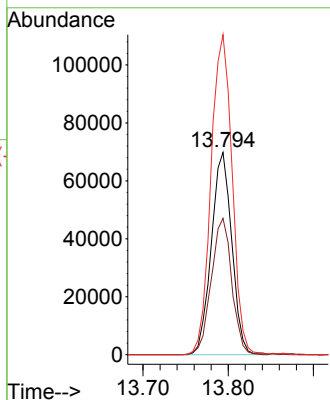
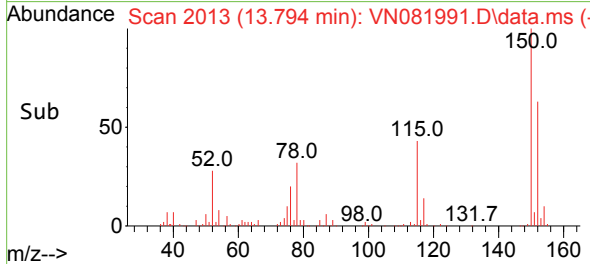


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081991.D
 Acq: 03 May 2024 15:00

Instrument :
 MSVOA_N
 ClientSampleId :

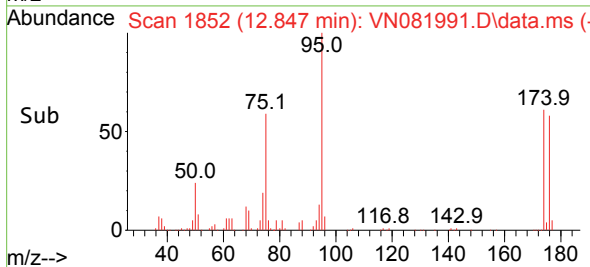
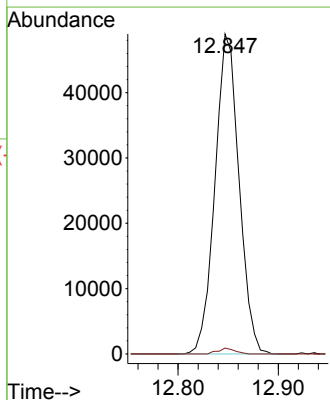
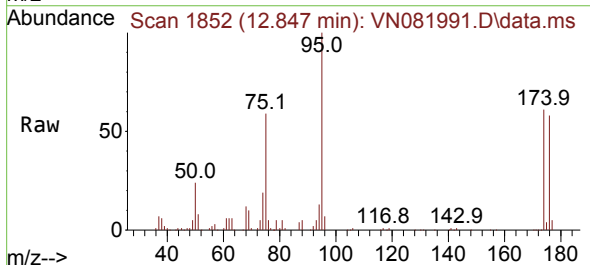


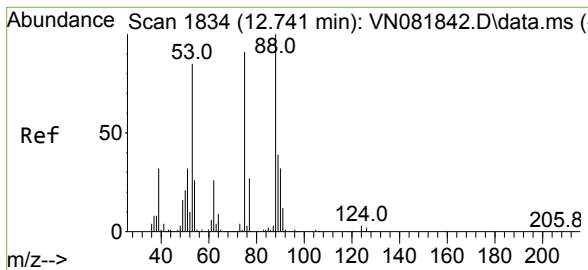
Tgt Ion:152 Resp: 116853
 Ion Ratio Lower Upper
 152 100
 115 67.3 30.4 91.3
 150 162.4 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 26.887 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081991.D
 Acq: 03 May 2024 15:00

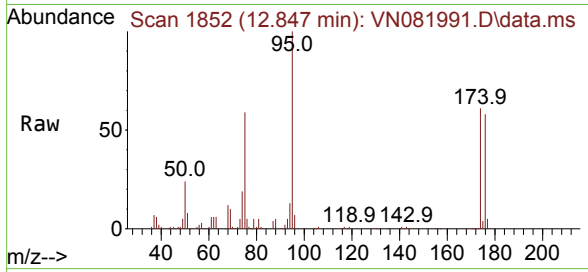
Tgt Ion: 75 Resp: 81462
 Ion Ratio Lower Upper
 75 100
 77 1.3 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.096 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081991.D
 Acq: 03 May 2024 15:00

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 81462
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

