

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082046.D
 Acq On : 09 May 2024 13:22
 Operator : JC\MD
 Sample : P2428-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 03:50:31 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)

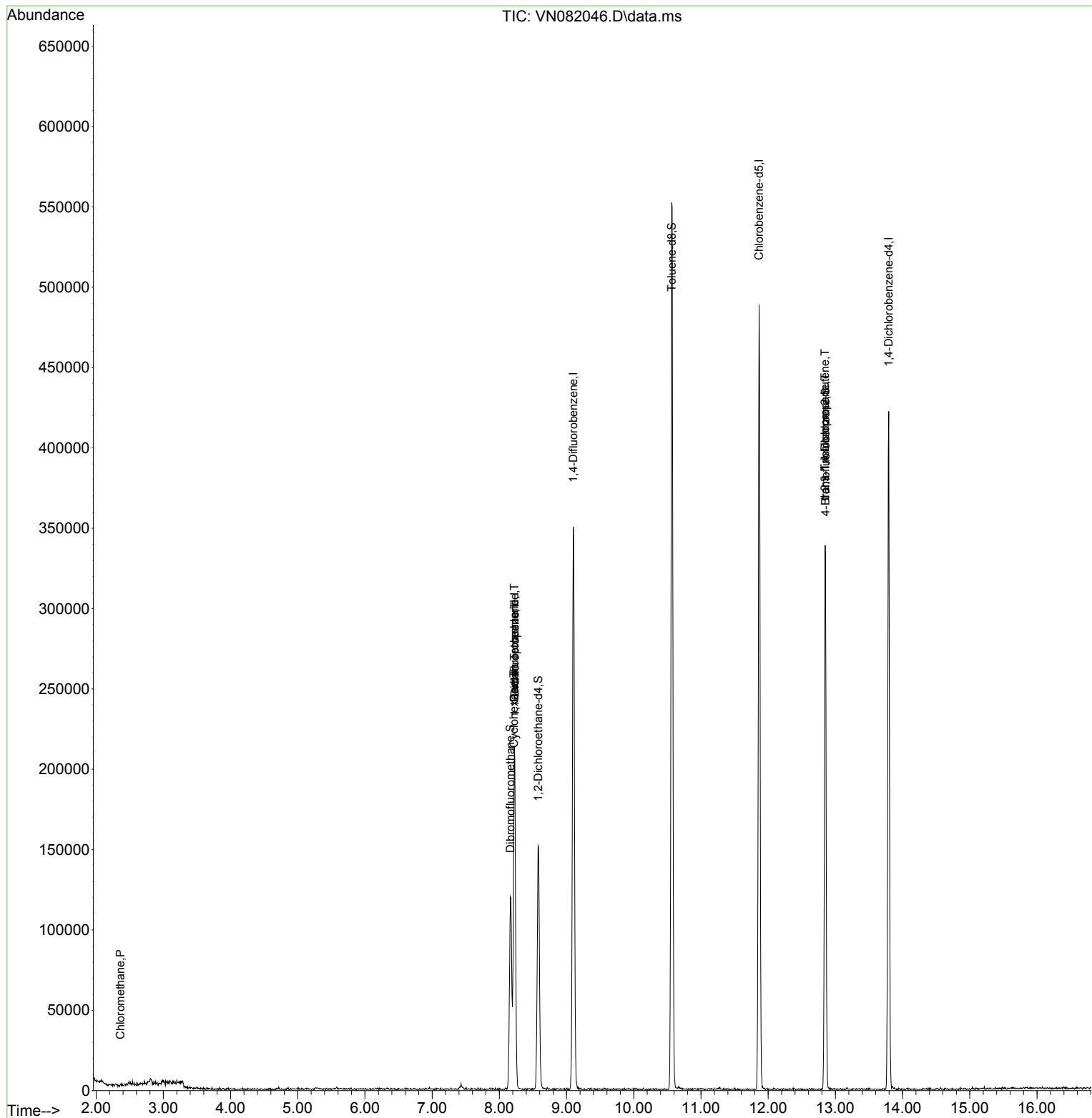
Internal Standards						
1) Pentafluorobenzene	8.224	168	133624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120751	53.543	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.080%	
35) Dibromofluoromethane	8.165	113	87437	50.424	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.840%	
50) Toluene-d8	10.565	98	369415	54.243	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.853	95	115906	43.053	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 86.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	430	0.220	ug/l	92
5) Bromomethane	2.953	94	97	Below Cal	#	3
13) Acrolein	4.183	56	230	Below Cal	#	15
16) Acetone	4.406	43	58	Below Cal	#	43
31) Cyclohexane	8.218	56	4537	1.335	ug/l #	67
36) 1,1-Dichloropropene	8.230	75	15844	5.616	ug/l #	46
38) Carbon Tetrachloride	8.224	117	15007	5.443	ug/l #	17
76) 1,2,3-Trichloropropane	12.847	75	67086	26.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67086	54.659	ug/l #	12

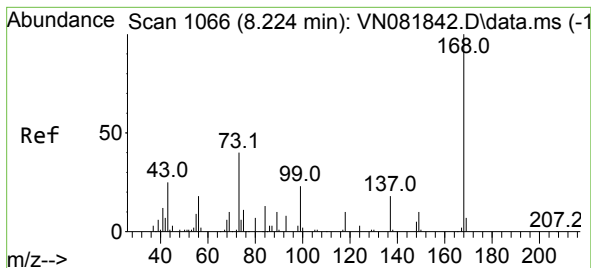
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN082046.D

Acq: 09 May 2024 13:22

Instrument :

MSVOA_N

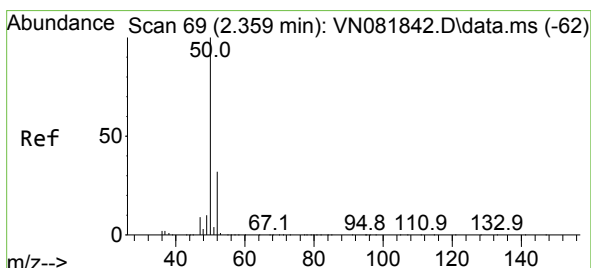
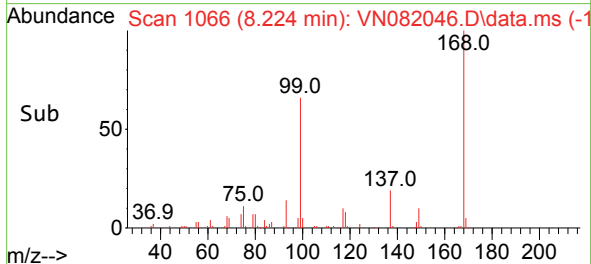
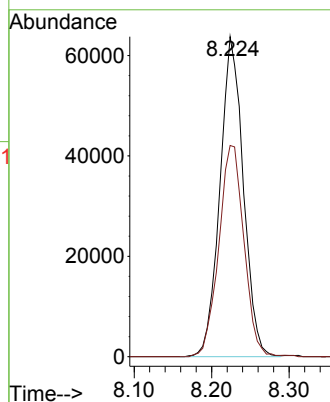
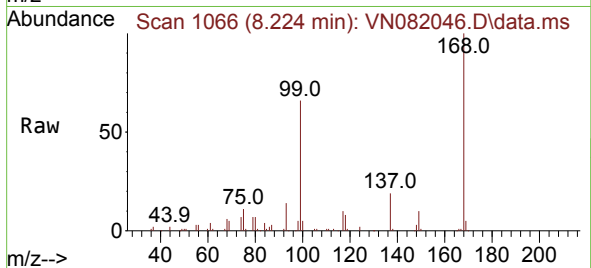
ClientSampleId :

Tgt Ion:168 Resp: 133624

Ion Ratio Lower Upper

168 100

99 66.0 48.2 72.4



#3

Chloromethane

Concen: 0.220 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082046.D

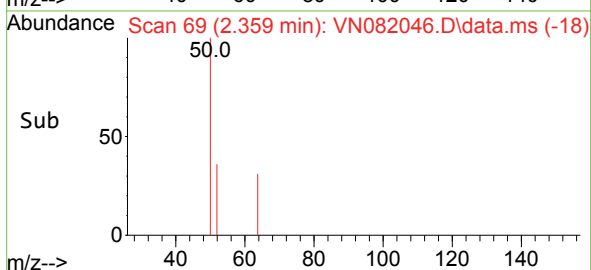
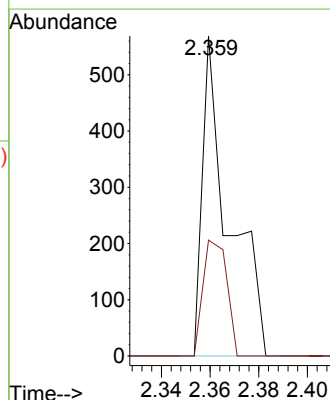
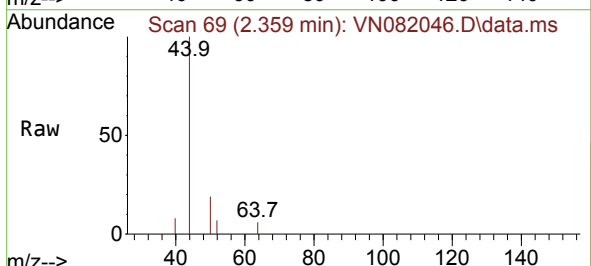
Acq: 09 May 2024 13:22

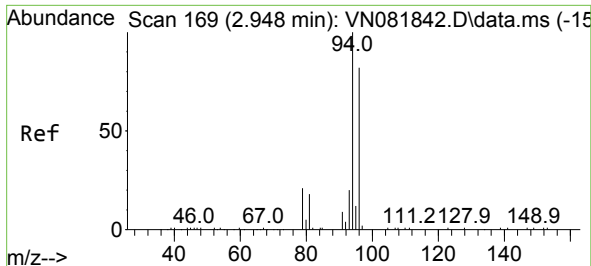
Tgt Ion: 50 Resp: 430

Ion Ratio Lower Upper

50 100

52 36.2 25.5 38.3

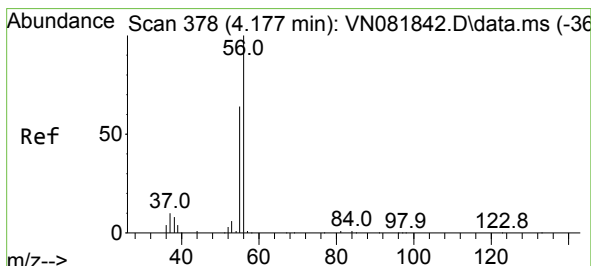
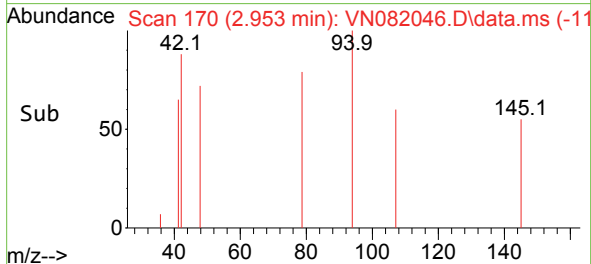
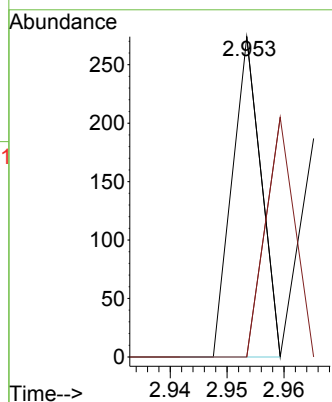
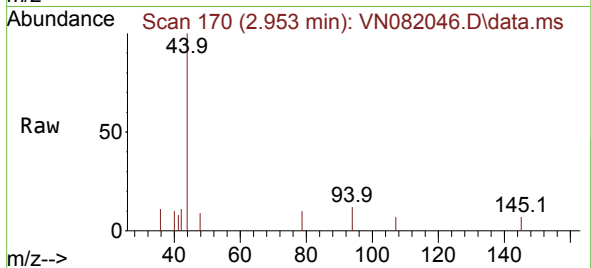




#5
Bromomethane
Concen: Below Cal
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

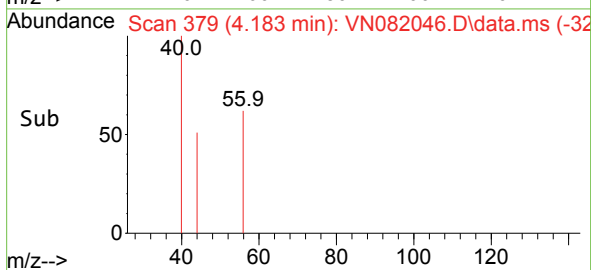
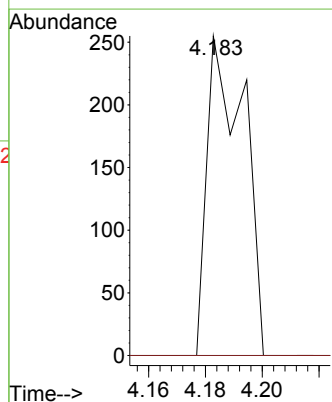
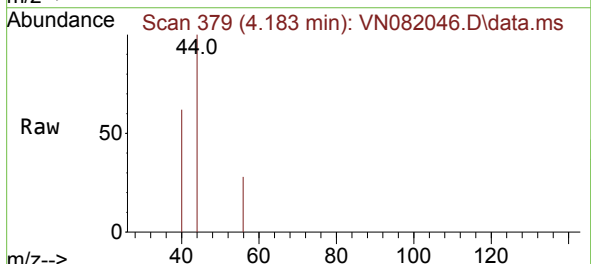
Instrument :
MSVOA_N
ClientSampleId :

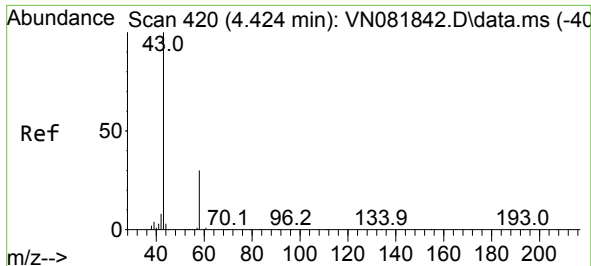
Tgt Ion: 94 Resp: 97
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

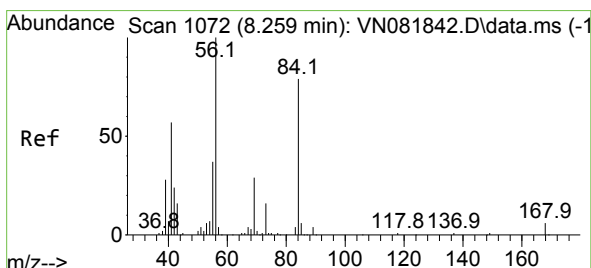
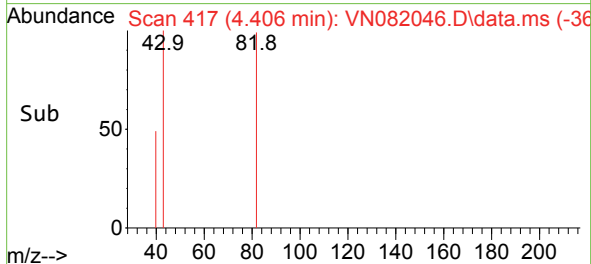
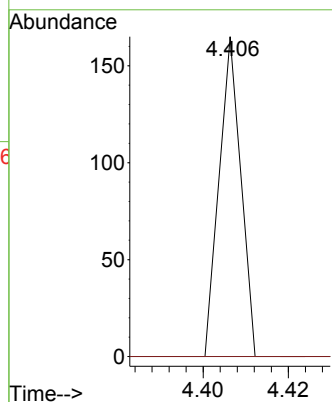
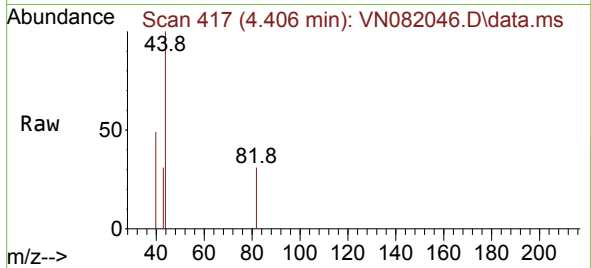




#16
Acetone
Concen: Below Cal
RT: 4.406 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

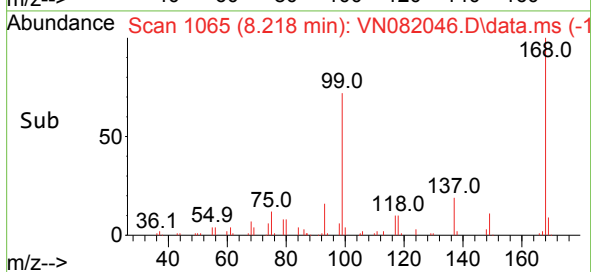
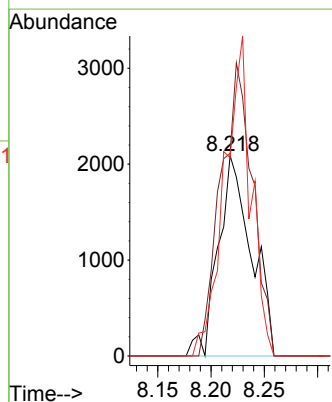
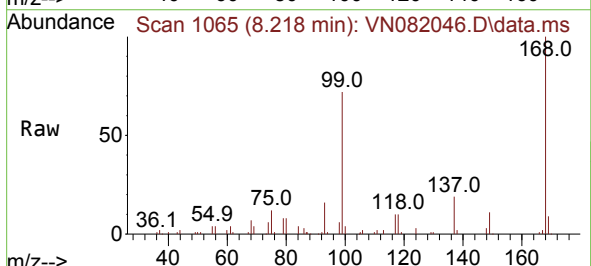
Instrument :
MSVOA_N
ClientSampleId :

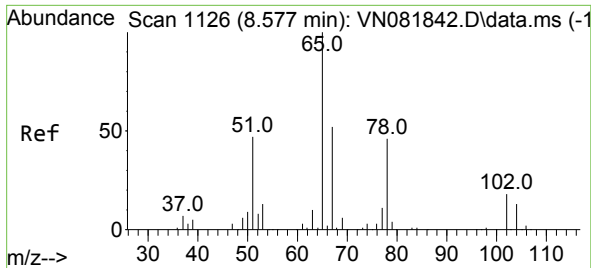
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#31
Cyclohexane
Concen: 1.335 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

Tgt Ion: 56 Resp: 4537
Ion Ratio Lower Upper
56 100
69 101.2 24.4 36.6#
84 98.9 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 53.543 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082046.D

Acq: 09 May 2024 13:22

Instrument :

MSVOA_N

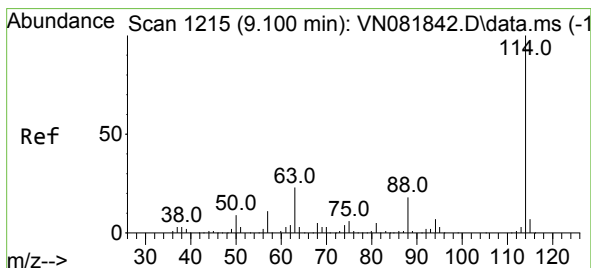
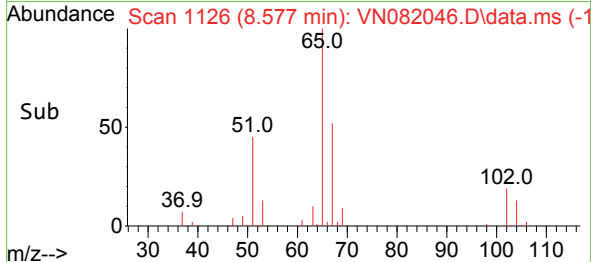
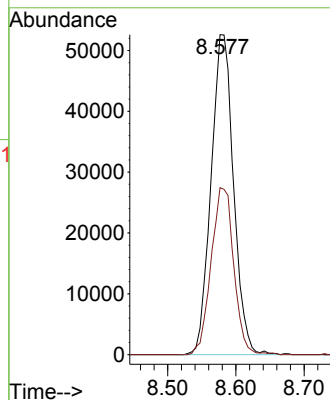
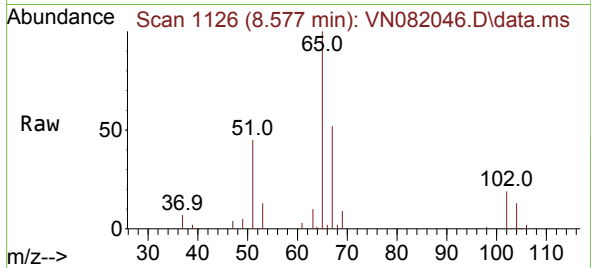
ClientSampleId :

Tgt Ion: 65 Resp: 120751

Ion Ratio Lower Upper

65 100

67 52.6 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: VN082046.D

Acq: 09 May 2024 13:22

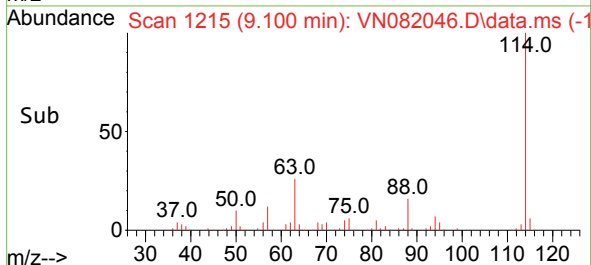
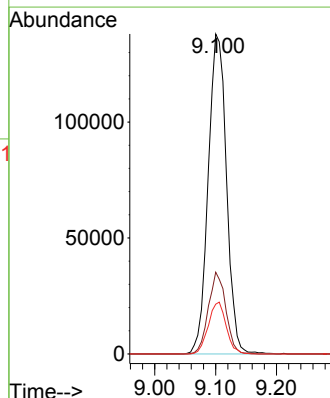
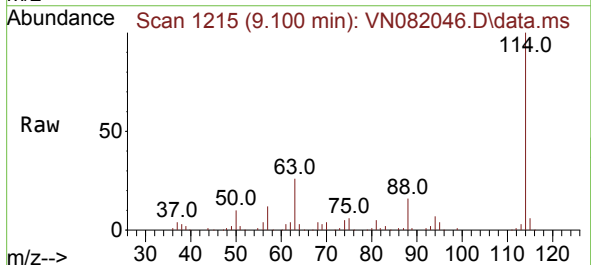
Tgt Ion: 114 Resp: 288005

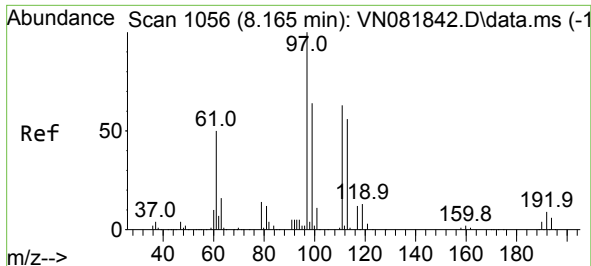
Ion Ratio Lower Upper

114 100

63 25.6 0.0 41.0

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.424 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

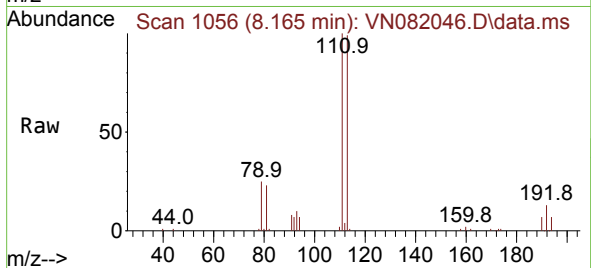
Lab File: VN082046.D

Acq: 09 May 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :



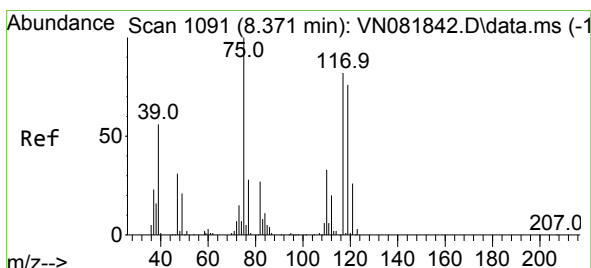
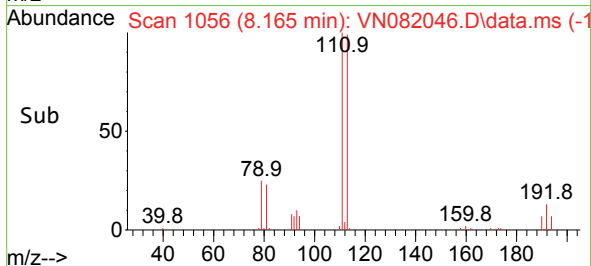
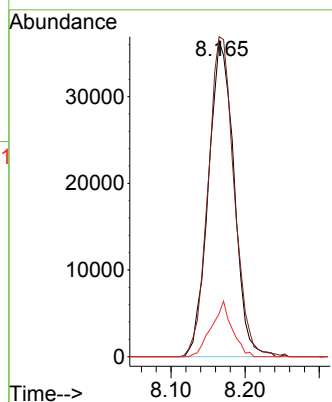
Tgt Ion:113 Resp: 87437

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 14.2 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.616 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082046.D

Acq: 09 May 2024 13:22

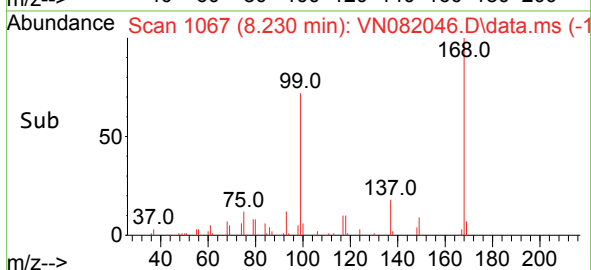
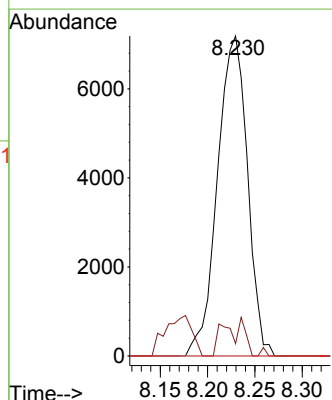
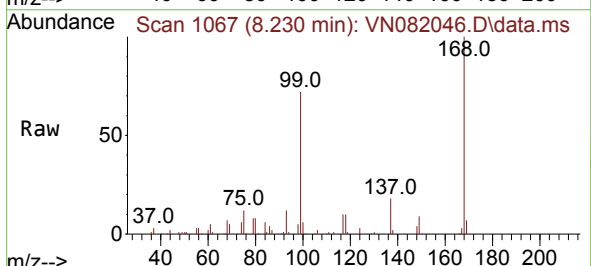
Tgt Ion: 75 Resp: 15844

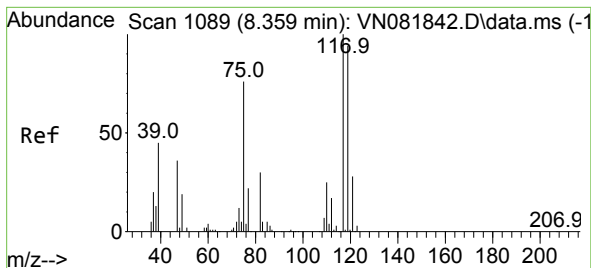
Ion Ratio Lower Upper

75 100

110 5.0 17.8 53.5#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.443 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

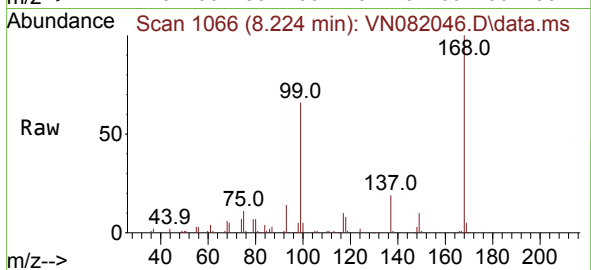
Lab File: VN082046.D

Acq: 09 May 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :



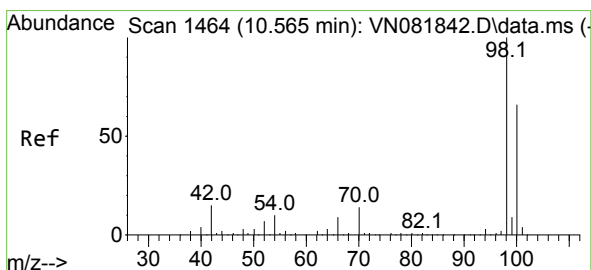
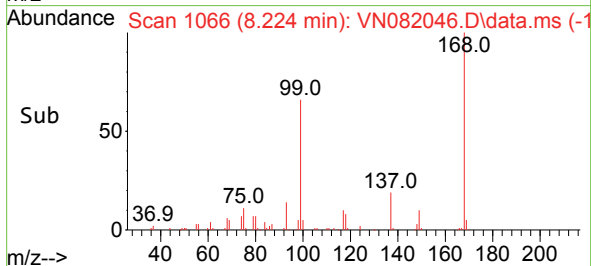
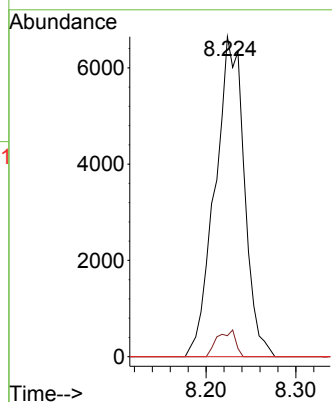
Tgt Ion:117 Resp: 15007

Ion Ratio Lower Upper

117 100

119 6.5 76.5 114.7#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 54.243 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN082046.D

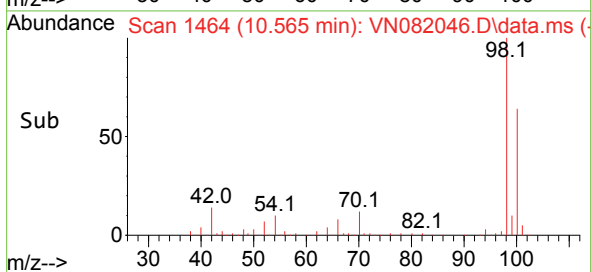
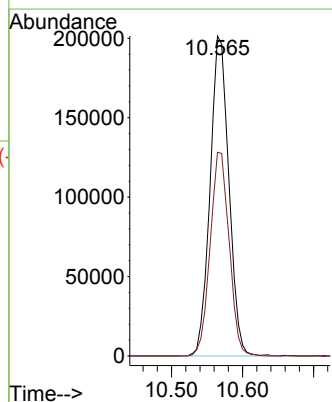
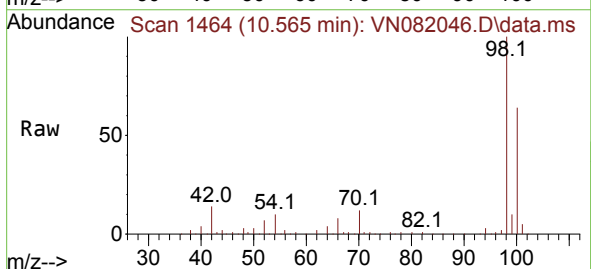
Acq: 09 May 2024 13:22

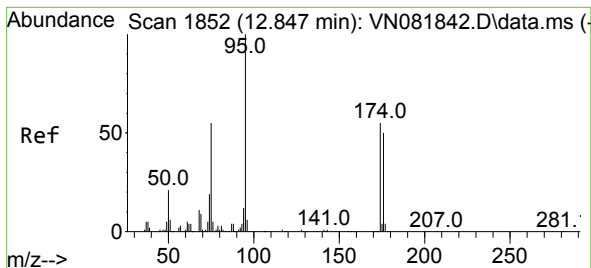
Tgt Ion: 98 Resp: 369415

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.6

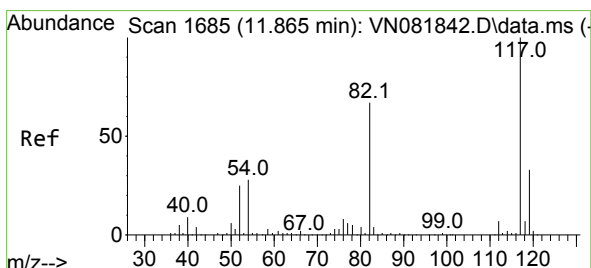
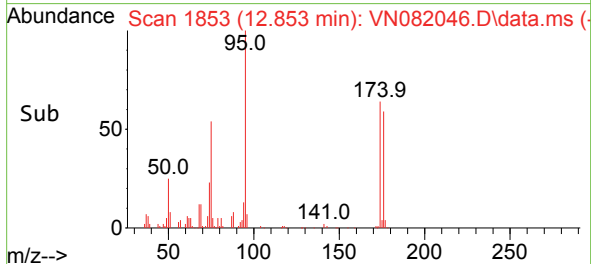
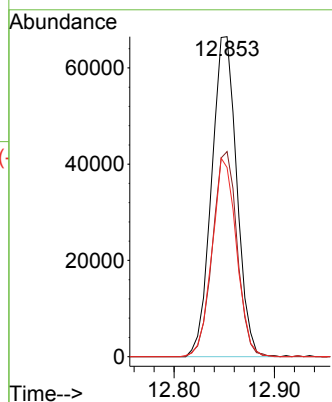
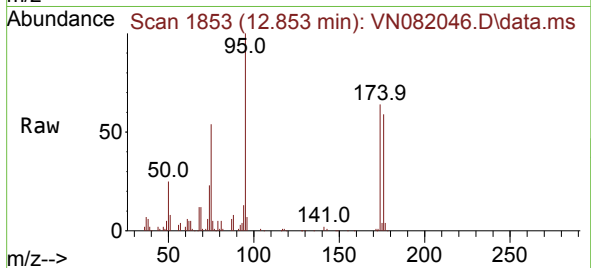




#62
4-Bromofluorobenzene
Concen: 43.053 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

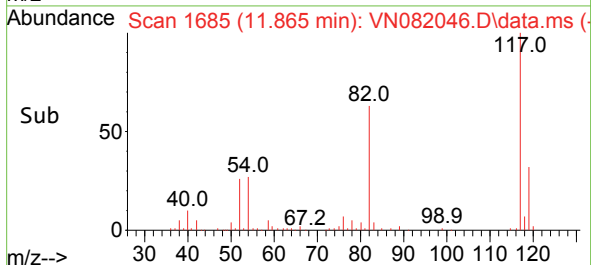
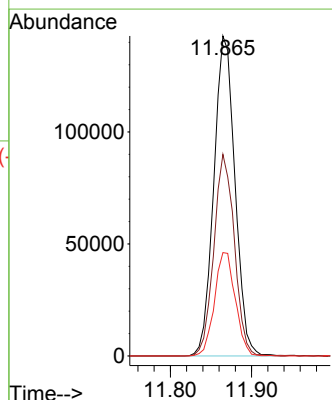
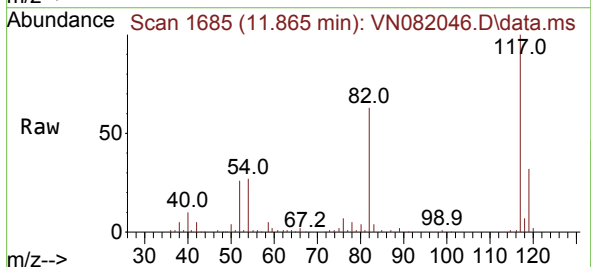
Instrument :
MSVOA_N
ClientSampleId :

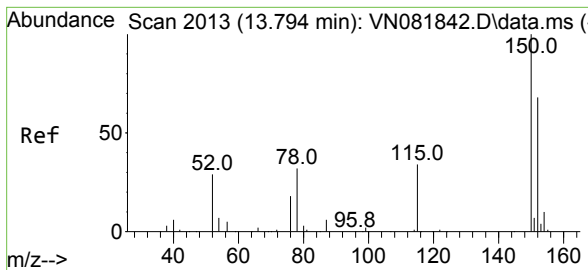
Tgt Ion: 95 Resp: 115906
Ion Ratio Lower Upper
95 100
174 62.7 0.0 160.6
176 60.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

Tgt Ion: 117 Resp: 258717
Ion Ratio Lower Upper
117 100
82 63.0 44.6 66.8
119 32.3 25.9 38.9

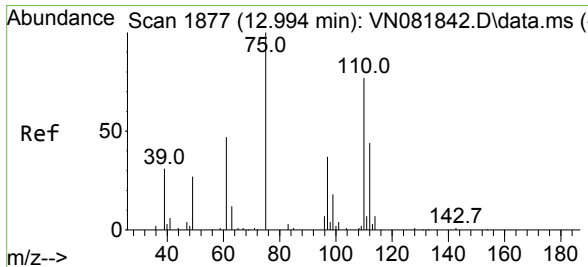
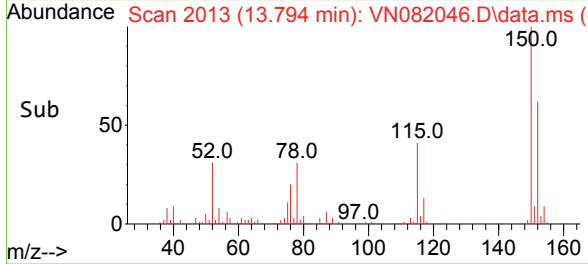
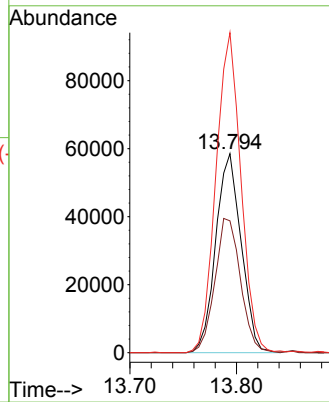
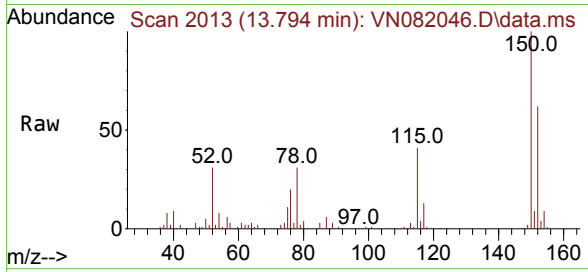




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082046.D
 Acq: 09 May 2024 13:22

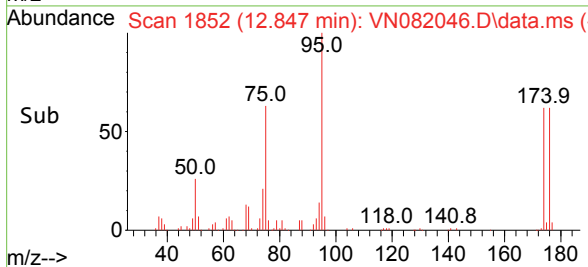
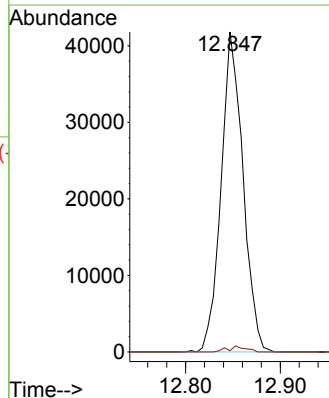
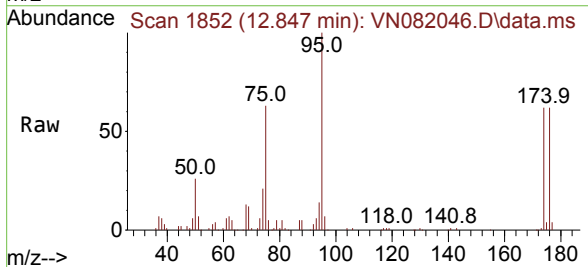
Instrument :
 MSVOA_N
 ClientSampleId :

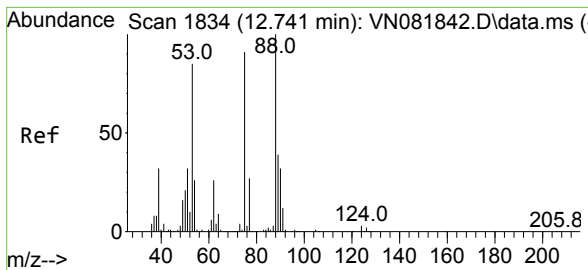
Tgt Ion:152 Resp: 97000
 Ion Ratio Lower Upper
 152 100
 115 68.0 30.4 91.3
 150 158.1 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 26.674 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082046.D
 Acq: 09 May 2024 13:22

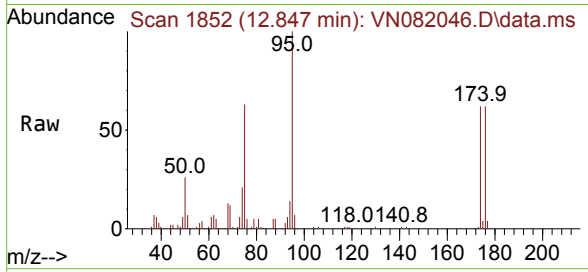
Tgt Ion: 75 Resp: 67086
 Ion Ratio Lower Upper
 75 100
 77 1.5 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.659 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082046.D
Acq: 09 May 2024 13:22

Instrument :
MSVOA_N
ClientSampleId :



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

