

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082047.D
 Acq On : 09 May 2024 13:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 03:50:49 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)

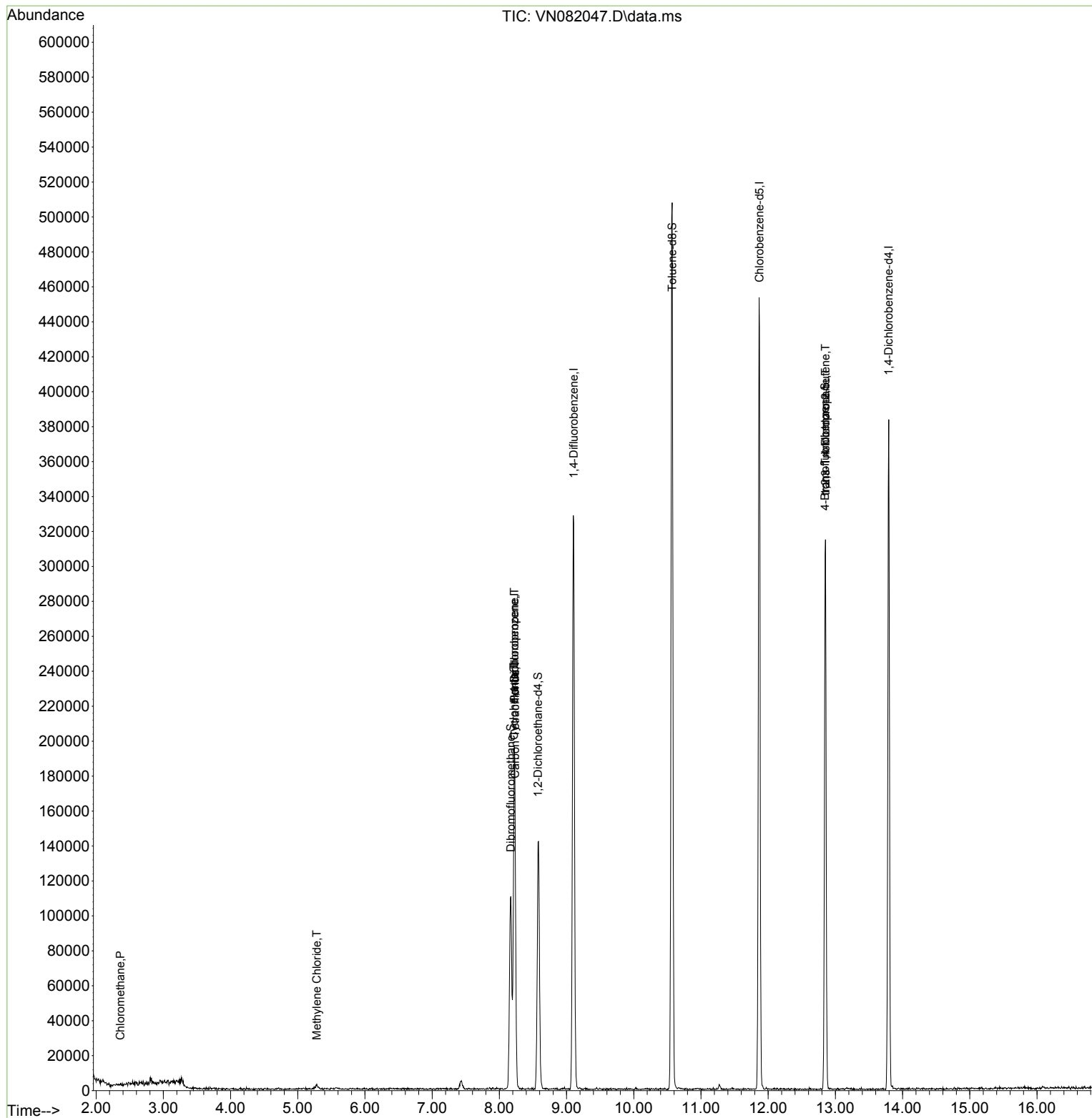
Internal Standards						
1) Pentafluorobenzene	8.224	168	127954	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	265366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	235088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	109887	50.885	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.760%		
35) Dibromofluoromethane	8.171	113	82220	51.460	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.920%		
50) Toluene-d8	10.570	98	345512	55.062	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.120%		
62) 4-Bromofluorobenzene	12.847	95	110591	44.584	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 89.160%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	458	0.244	ug/l	# 66
5) Bromomethane	2.977	94	391	Below Cal	#	3
16) Acetone	4.430	43	184	Below Cal	#	43
20) Methylene Chloride	5.283	84	796	0.430	ug/l	# 47
31) Cyclohexane	8.218	56	4782	1.470	ug/l	# 54
36) 1,1-Dichloropropene	8.224	75	14381	5.533	ug/l	# 52
38) Carbon Tetrachloride	8.235	117	13479	5.306	ug/l	# 17
76) 1,2,3-Trichloropropane	12.853	75	64069	27.542	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	64069	56.437	ug/l	# 12

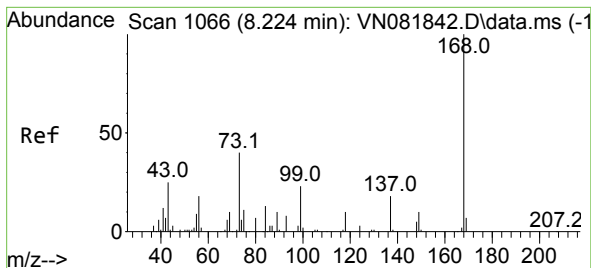
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN082047.D

Acq: 09 May 2024 13:46

Instrument :

MSVOA_N

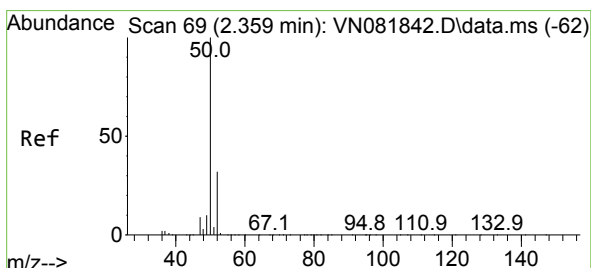
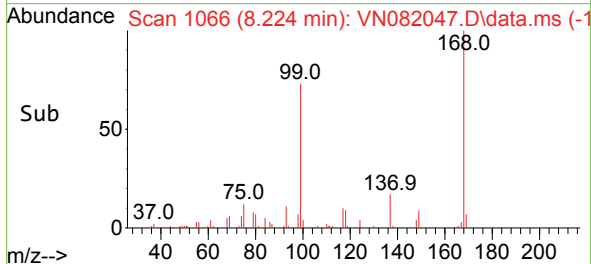
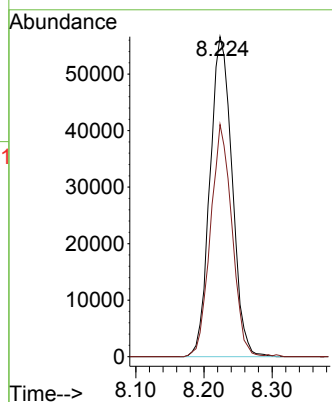
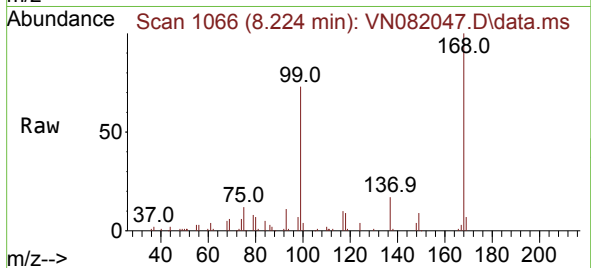
ClientSampleId :

Tgt Ion:168 Resp: 127954

Ion Ratio Lower Upper

168 100

99 72.5 48.2 72.4#



#3

Chloromethane

Concen: 0.244 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082047.D

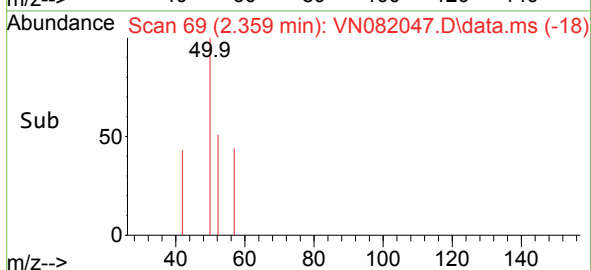
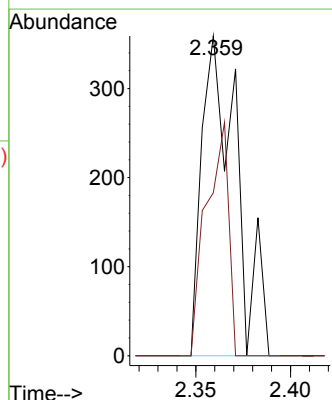
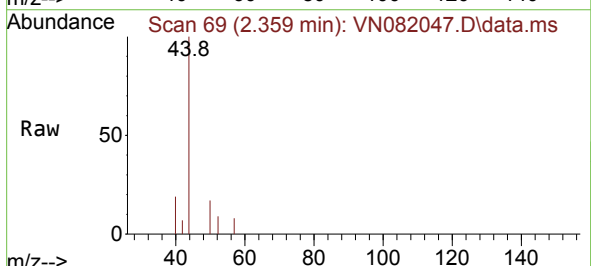
Acq: 09 May 2024 13:46

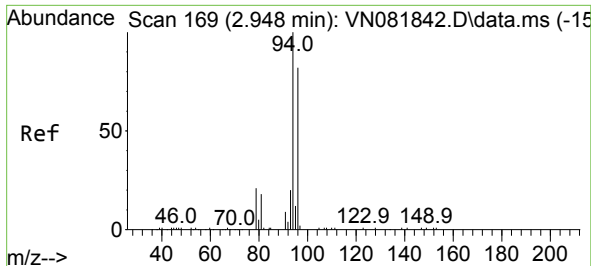
Tgt Ion: 50 Resp: 458

Ion Ratio Lower Upper

50 100

52 51.0 25.5 38.3#

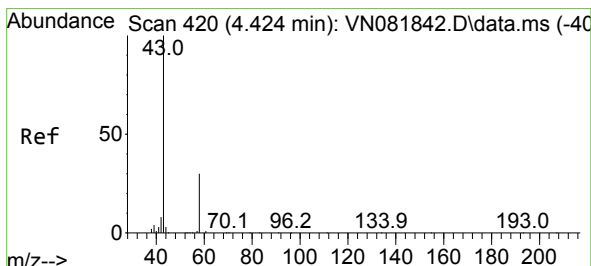
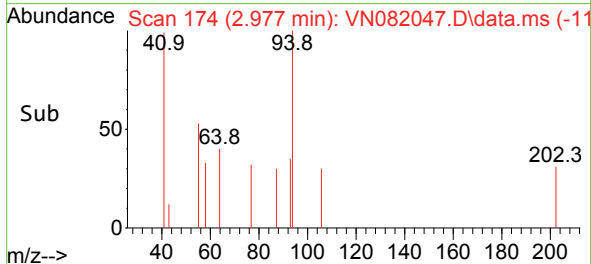
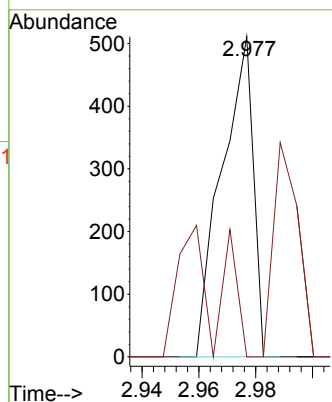
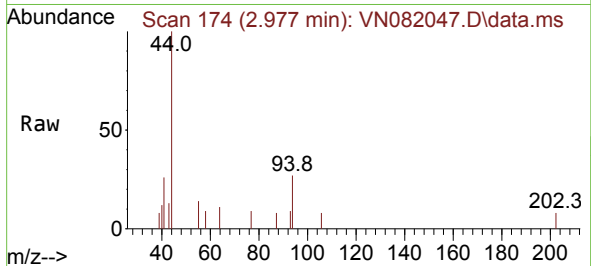




#5
Bromomethane
Concen: Below Cal
RT: 2.977 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

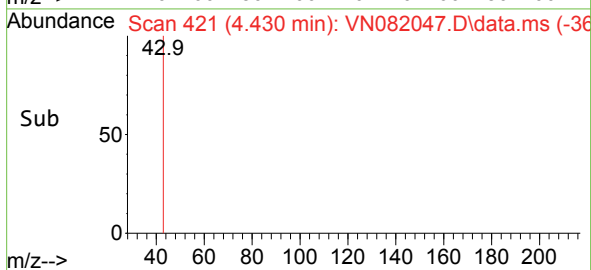
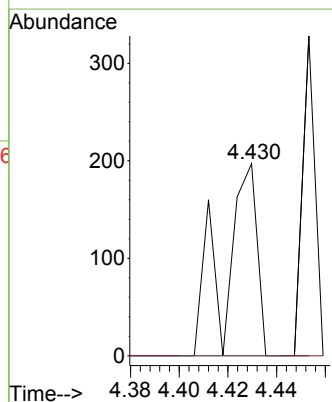
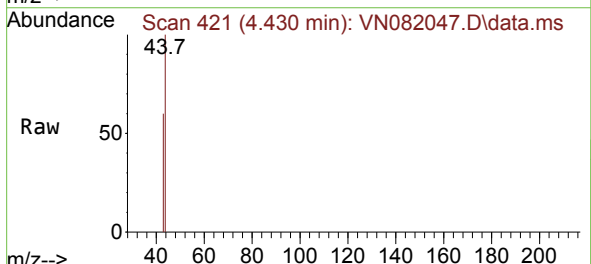
Instrument :
MSVOA_N
ClientSampleId :

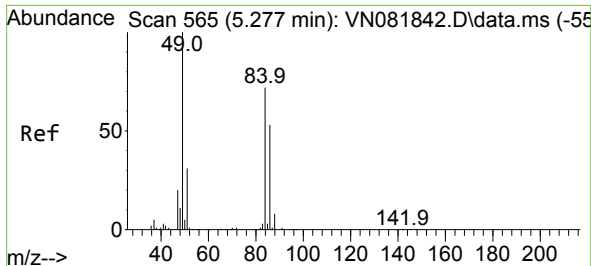
Tgt Ion: 94 Resp: 391
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

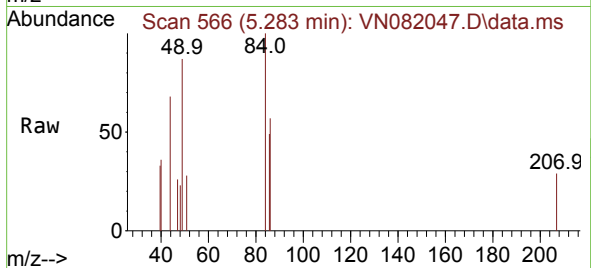
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



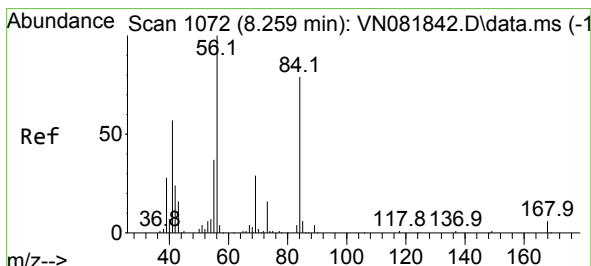
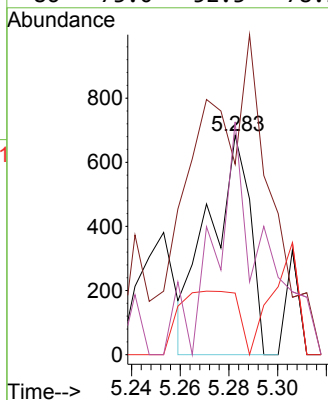
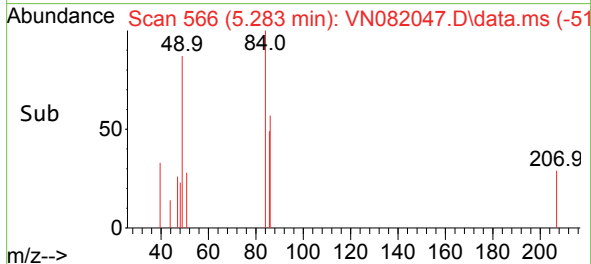


#20
Methylene Chloride
Concen: 0.430 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

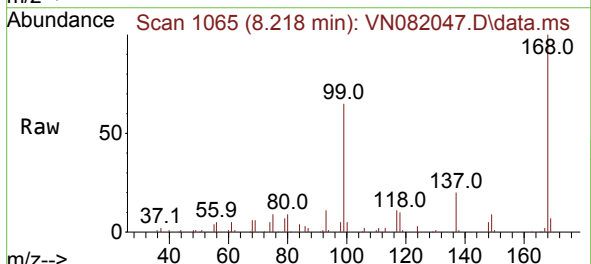
Instrument :
MSVOA_N
ClientSampleId :



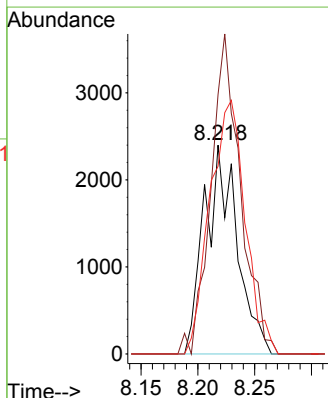
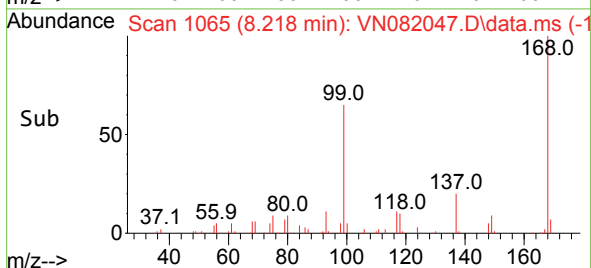
Tgt Ion: 84 Resp: 796
Ion Ratio Lower Upper
84 100
49 22.5 84.9 127.3#
51 6.0 27.0 40.6#
86 73.0 52.3 78.5

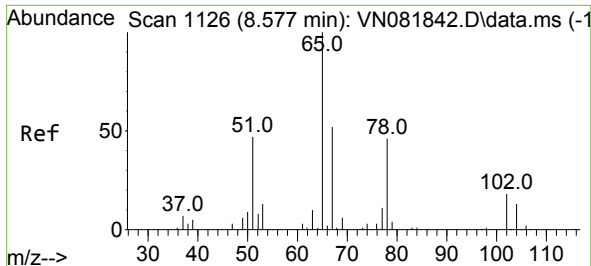


#31
Cyclohexane
Concen: 1.470 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46



Tgt Ion: 56 Resp: 4782
Ion Ratio Lower Upper
56 100
69 124.2 24.4 36.6#
84 89.9 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 50.885 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082047.D

Acq: 09 May 2024 13:46

Instrument :

MSVOA_N

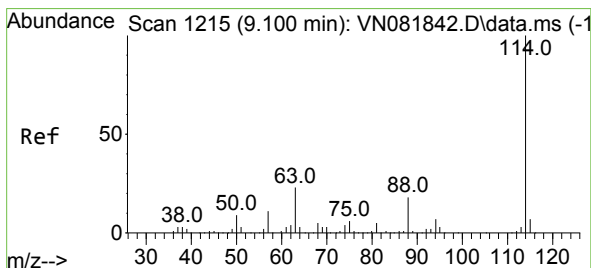
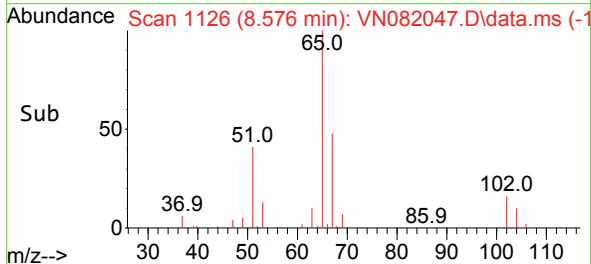
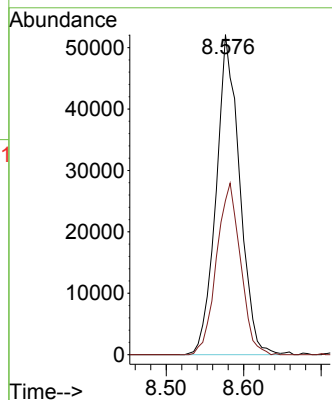
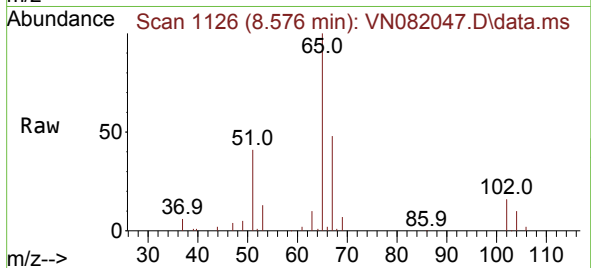
ClientSampleId :

Tgt Ion: 65 Resp: 109887

Ion Ratio Lower Upper

65 100

67 54.6 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: VN082047.D

Acq: 09 May 2024 13:46

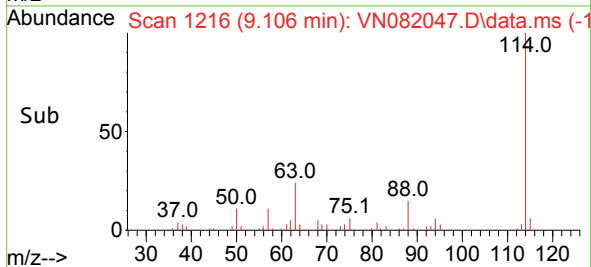
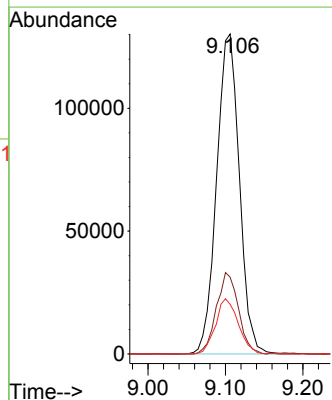
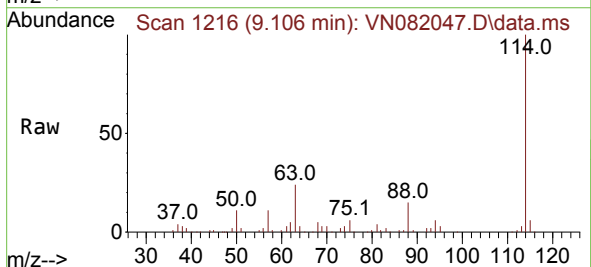
Tgt Ion: 114 Resp: 265366

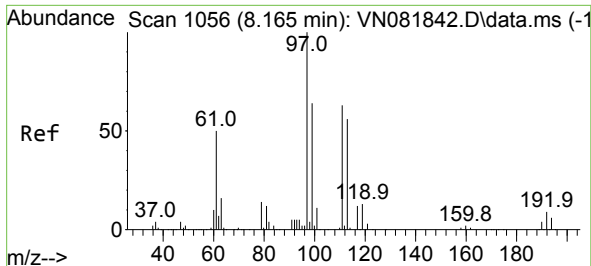
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.460 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

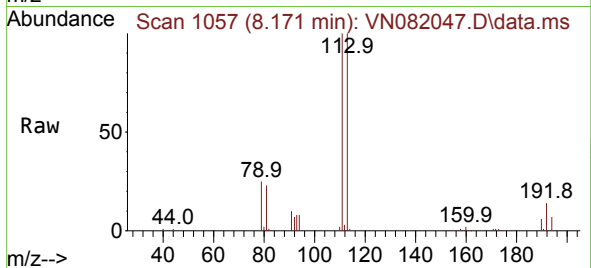
Lab File: VN082047.D

Acq: 09 May 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :



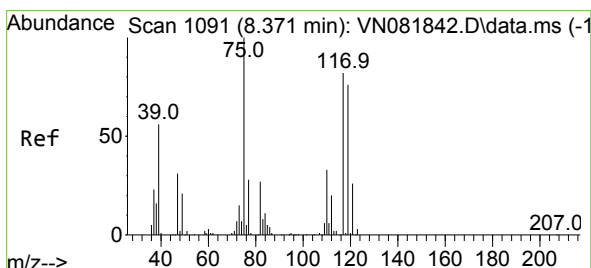
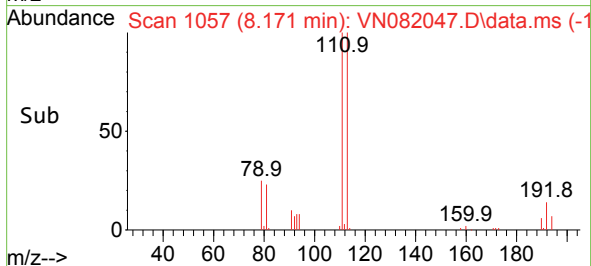
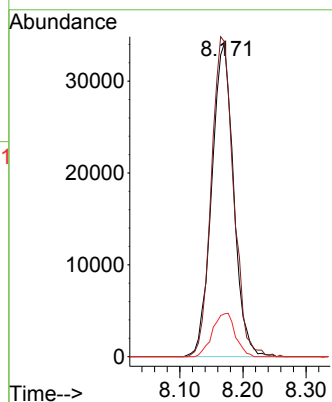
Tgt Ion:113 Resp: 82220

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 14.4 14.0 21.0



#36

1,1-Dichloropropene

Concen: 5.533 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082047.D

Acq: 09 May 2024 13:46

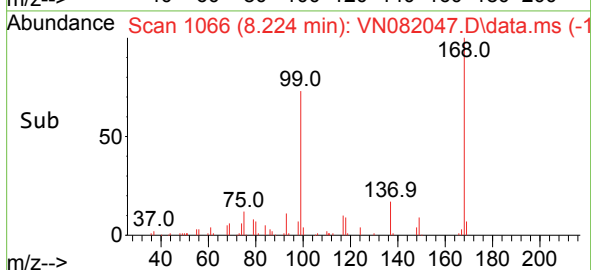
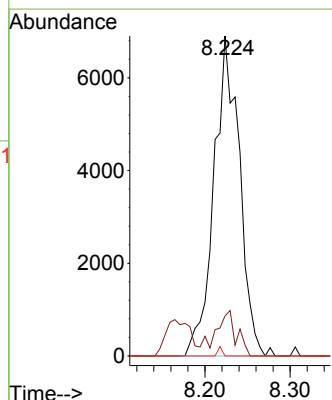
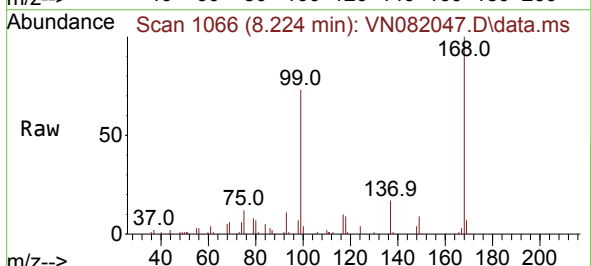
Tgt Ion: 75 Resp: 14381

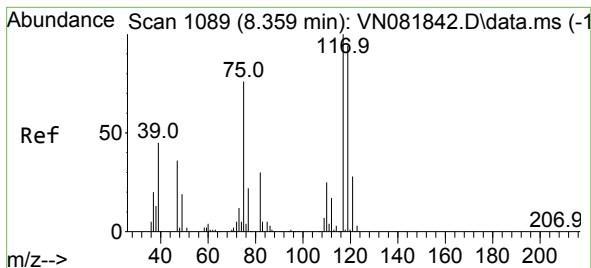
Ion Ratio Lower Upper

75 100

110 11.4 17.8 53.5#

77 0.5 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.306 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.124 min

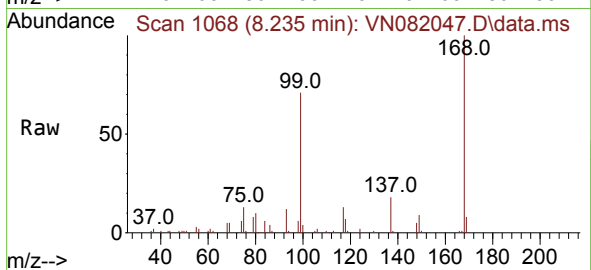
Lab File: VN082047.D

Acq: 09 May 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :



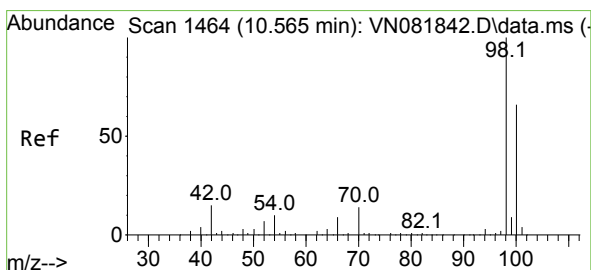
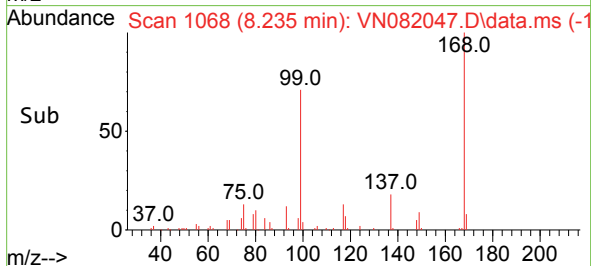
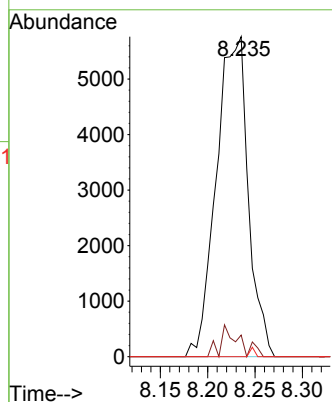
Tgt Ion:117 Resp: 13479

Ion Ratio Lower Upper

117 100

119 6.7 76.5 114.7#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 55.062 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN082047.D

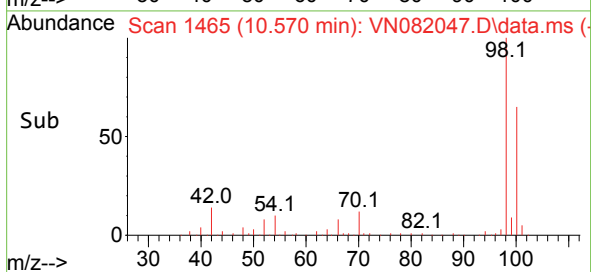
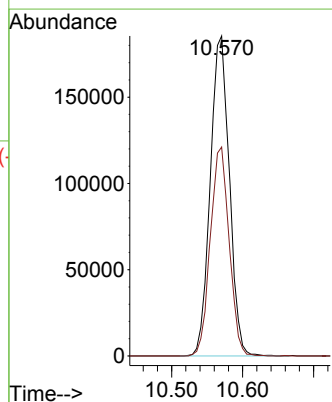
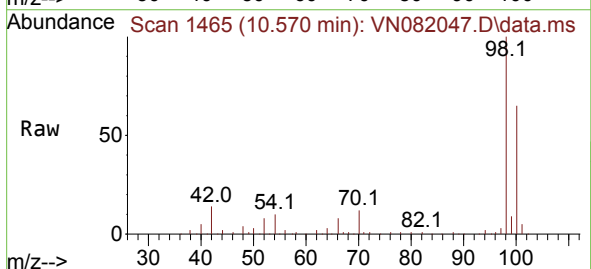
Acq: 09 May 2024 13:46

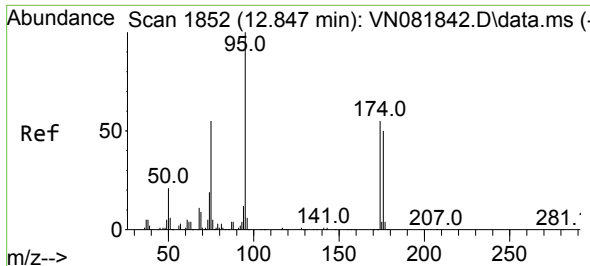
Tgt Ion: 98 Resp: 345512

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.6

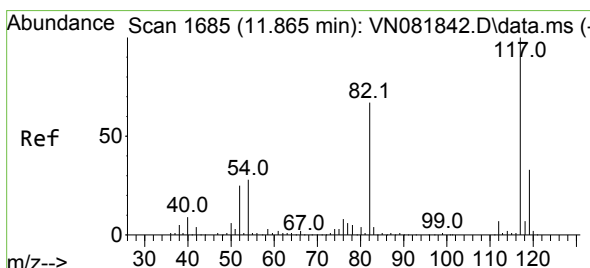
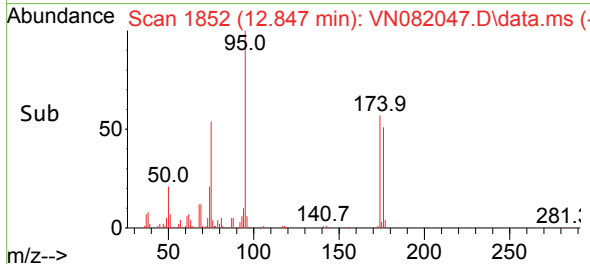
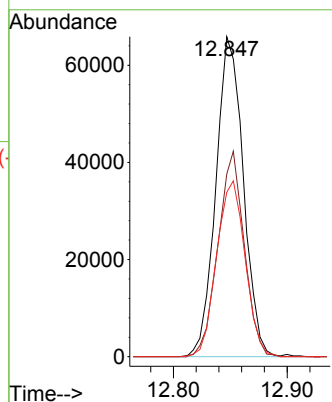
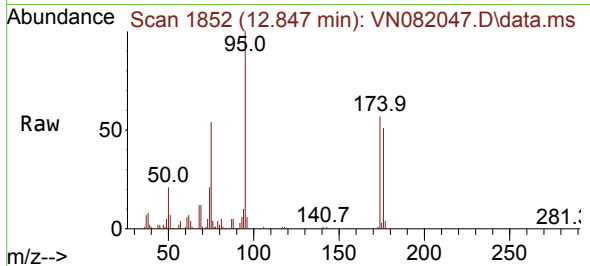




#62
4-Bromofluorobenzene
Concen: 44.584 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

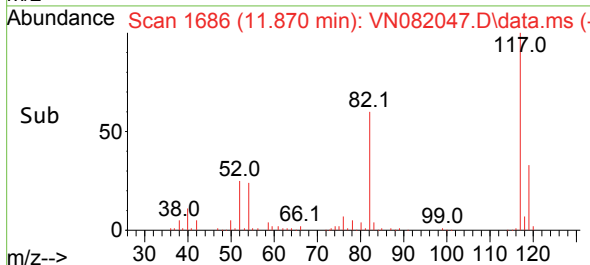
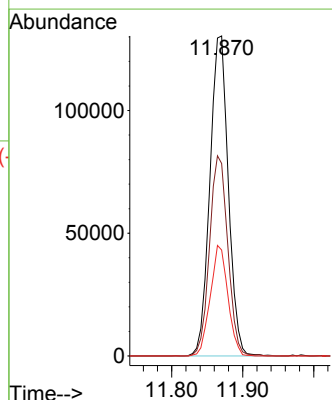
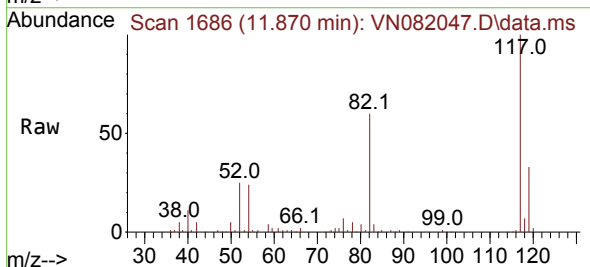
Instrument :
MSVOA_N
ClientSampleId :

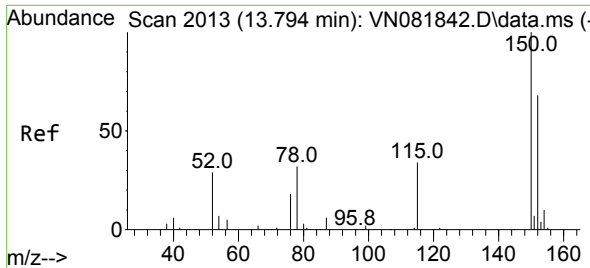
Tgt Ion: 95 Resp: 110591
Ion Ratio Lower Upper
95 100
174 61.3 0.0 160.6
176 57.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

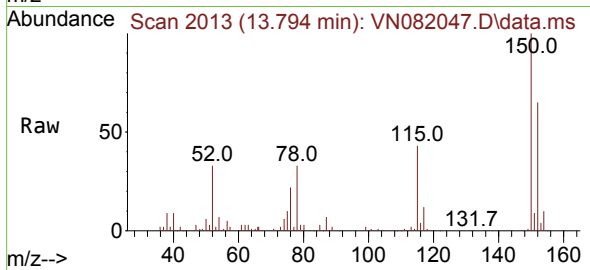
Tgt Ion: 117 Resp: 235088
Ion Ratio Lower Upper
117 100
82 60.1 44.6 66.8
119 33.1 25.9 38.9



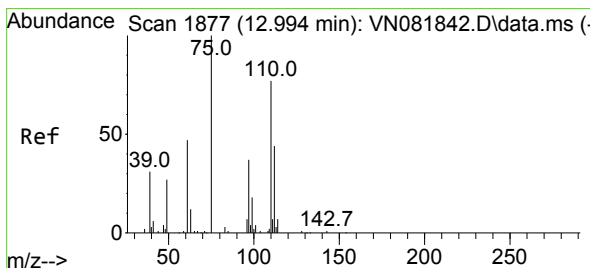
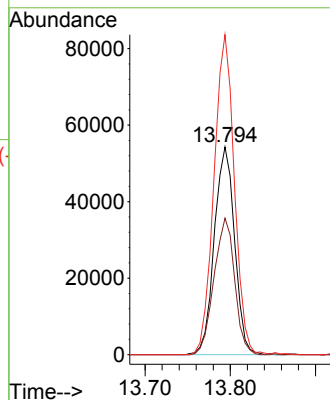
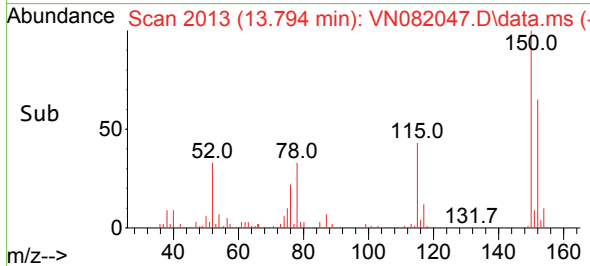


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082047.D
 Acq: 09 May 2024 13:46

Instrument :
 MSVOA_N
 ClientSampleId :

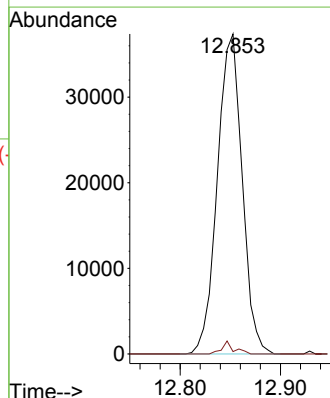
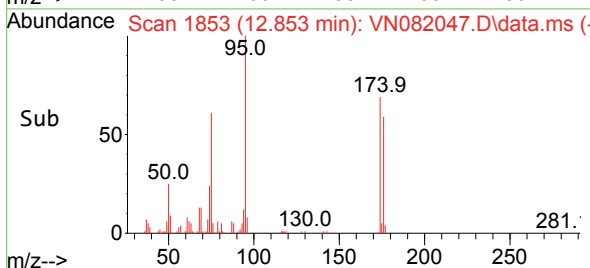
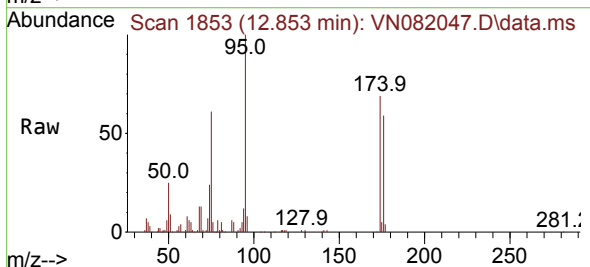


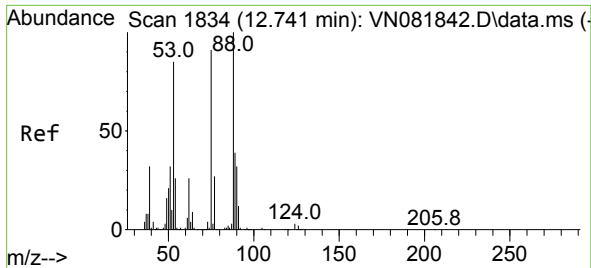
Tgt Ion:152 Resp: 89720
 Ion Ratio Lower Upper
 152 100
 115 66.8 30.4 91.3
 150 154.6 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 27.542 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082047.D
 Acq: 09 May 2024 13:46

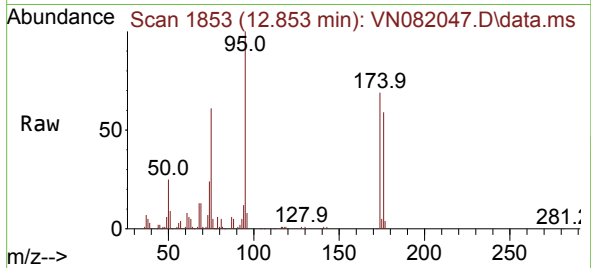
Tgt Ion: 75 Resp: 64069
 Ion Ratio Lower Upper
 75 100
 77 1.9 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.437 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082047.D
 Acq: 09 May 2024 13:46

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#

