

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081947.D
 Acq On : 01 May 2024 11:15
 Operator : JC\MD
 Sample : VN0501WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 02 01:30:15 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)

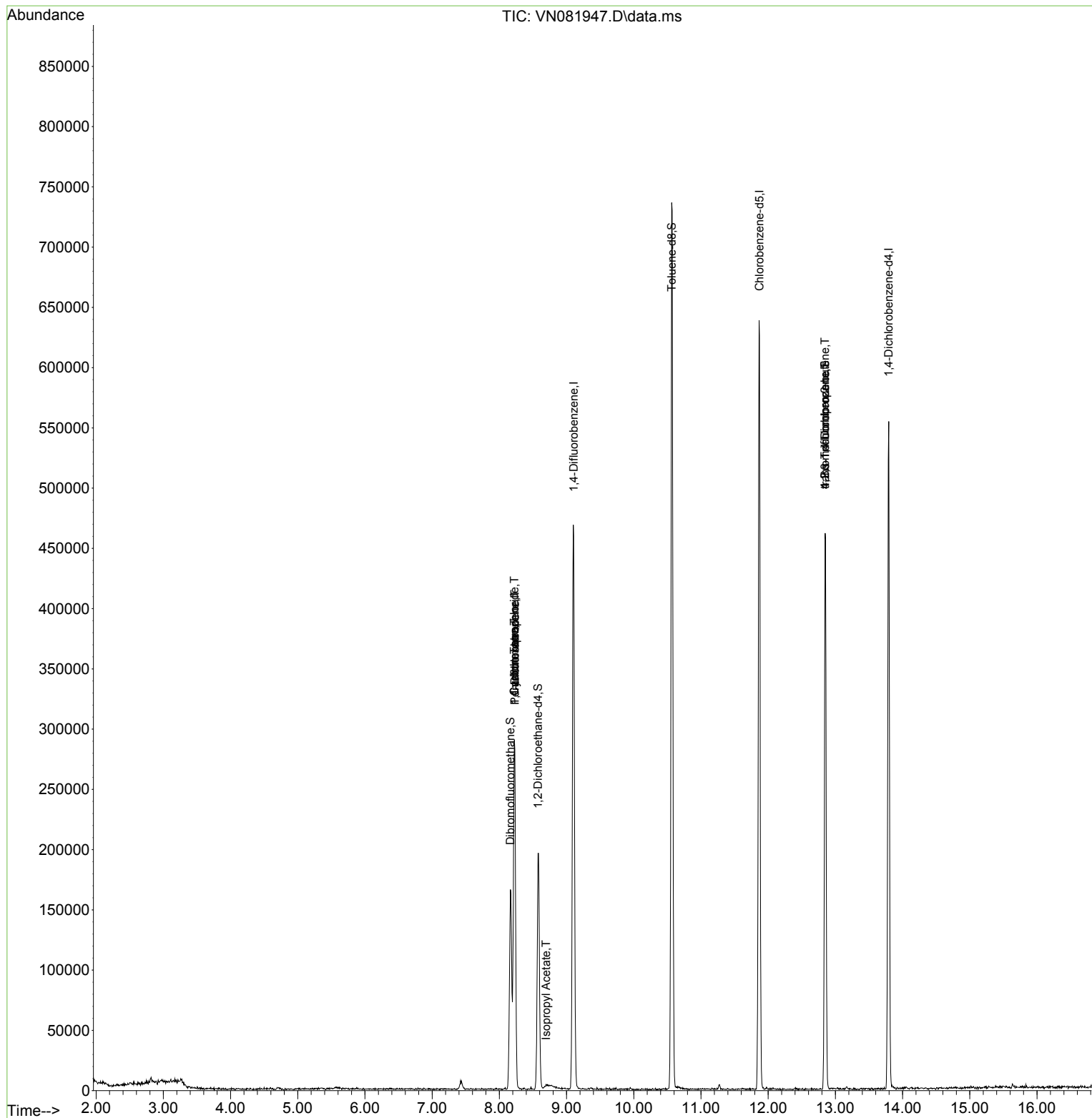
Internal Standards						
1) Pentafluorobenzene	8.230	168	211752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	411362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	363836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157265	44.005	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.000%
35) Dibromofluoromethane	8.165	113	119107	48.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.565	98	501176	51.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.847	95	169713	44.136	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.280%
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	600	Below Cal		95
13) Acrolein	4.189	56	55	Below Cal	#	1
16) Acetone	4.436	43	132	Below Cal	#	43
31) Cyclohexane	8.224	56	6458	1.200	ug/l #	65
36) 1,1-Dichloropropene	8.230	75	20344	5.049	ug/l #	49
38) Carbon Tetrachloride	8.224	117	22923	5.821	ug/l #	16
43) Isopropyl Acetate	8.694	43	2195	0.268	ug/l #	52
76) 1,2,3-Trichloropropane	12.847	75	92884	25.767	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	92884	52.799	ug/l #	13

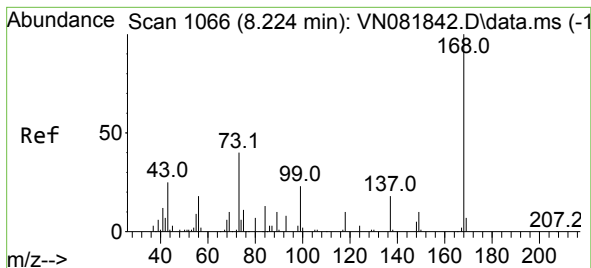
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081947.D

Acq: 01 May 2024 11:15

Instrument :

MSVOA_N

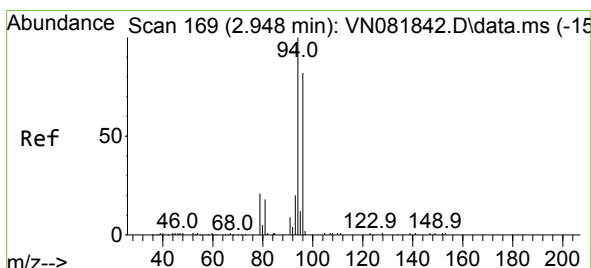
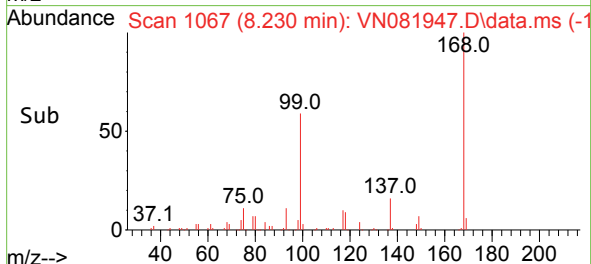
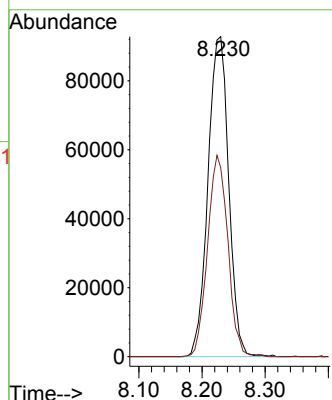
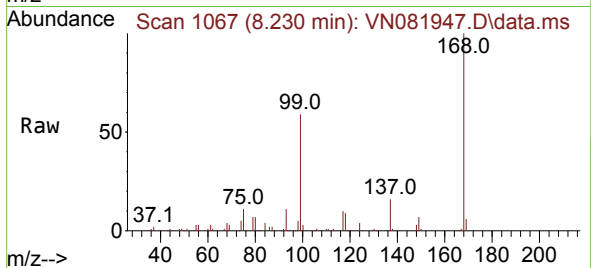
ClientSampleId :

Tgt Ion:168 Resp: 211752

Ion Ratio Lower Upper

168 100

99 59.2 48.2 72.4



#5

Bromomethane

Concen: Below Cal

RT: 2.977 min Scan# 174

Delta R.T. 0.029 min

Lab File: VN081947.D

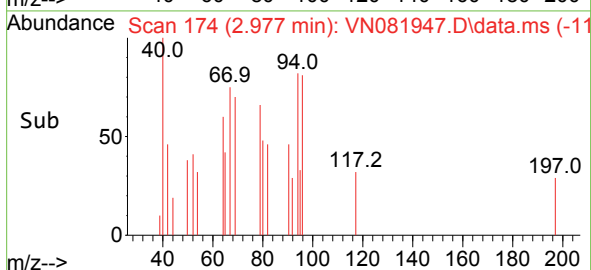
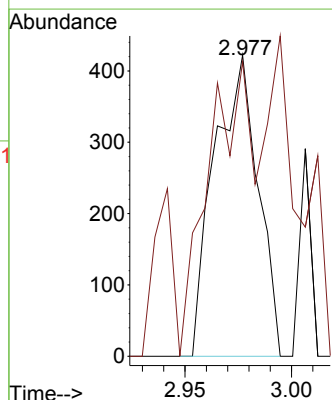
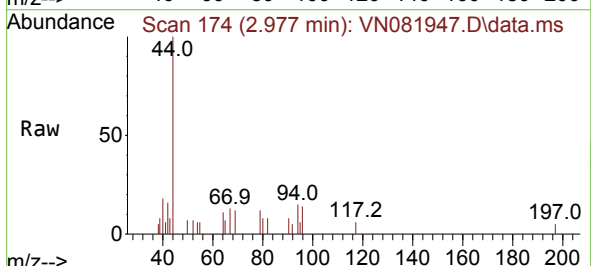
Acq: 01 May 2024 11:15

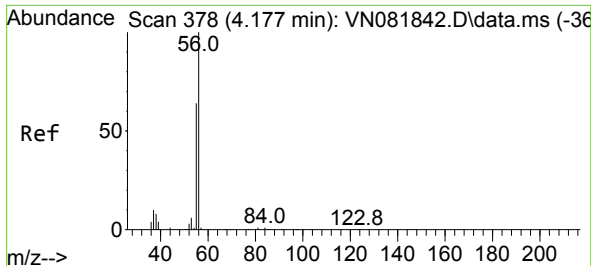
Tgt Ion: 94 Resp: 600

Ion Ratio Lower Upper

94 100

96 97.9 74.8 112.2





#13

Acrolein

Concen: Below Cal

RT: 4.189 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN081947.D

Acq: 01 May 2024 11:15

Instrument :

MSVOA_N

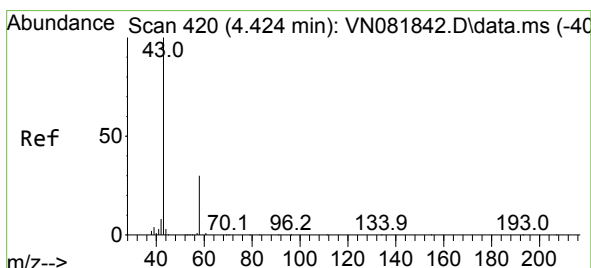
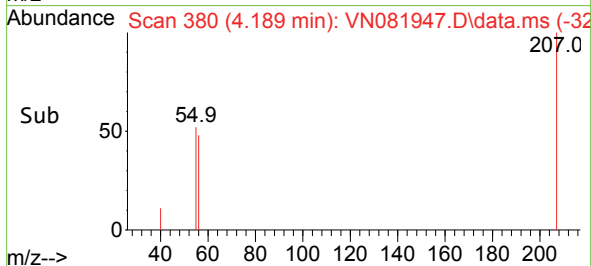
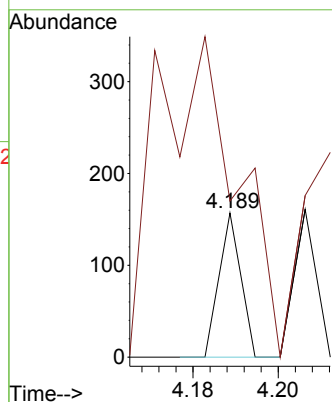
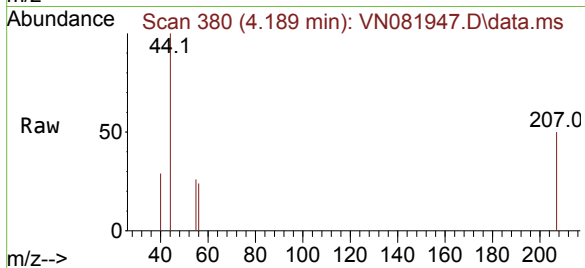
ClientSampleId :

Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 820.0 55.8 83.8#



#16

Acetone

Concen: Below Cal

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN081947.D

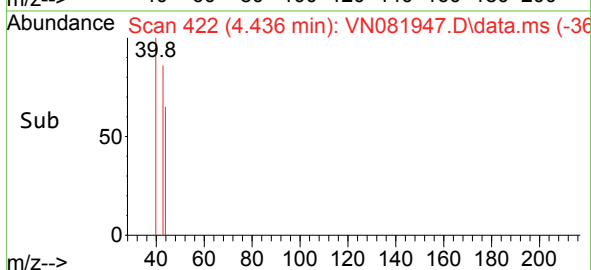
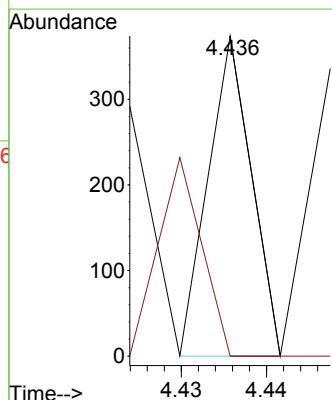
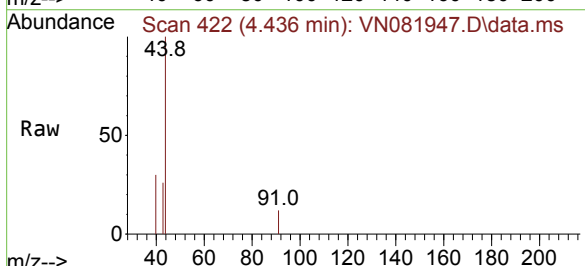
Acq: 01 May 2024 11:15

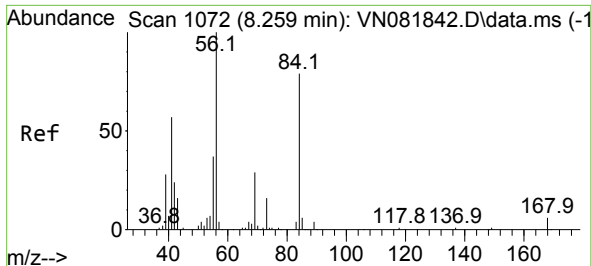
Tgt Ion: 43 Resp: 132

Ion Ratio Lower Upper

43 100

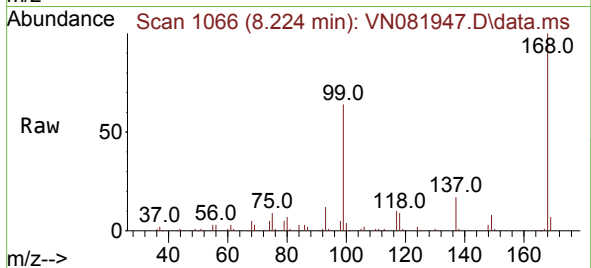
58 0.0 25.2 37.8#



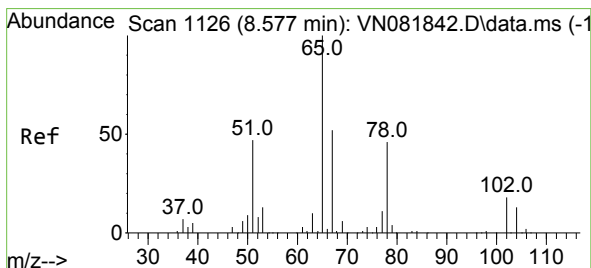
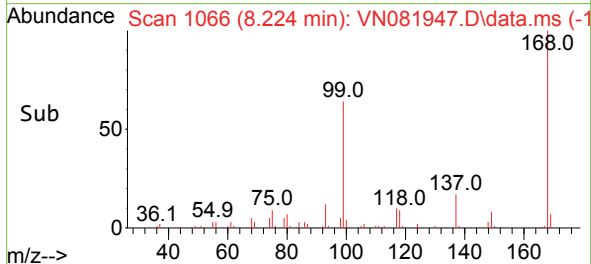
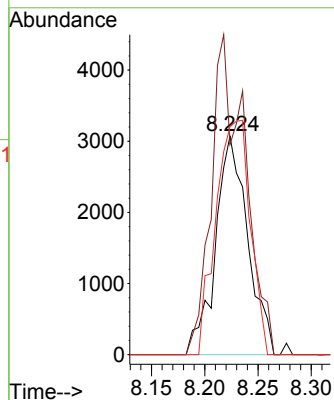


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

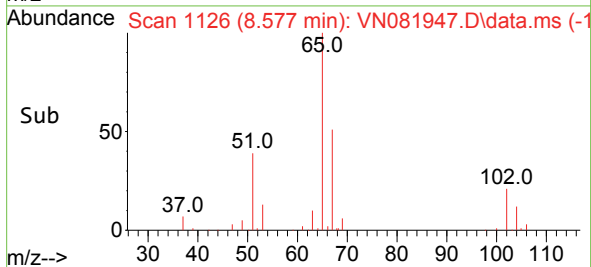
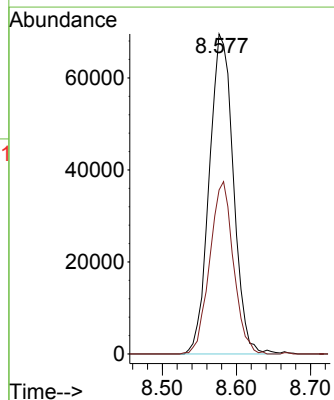
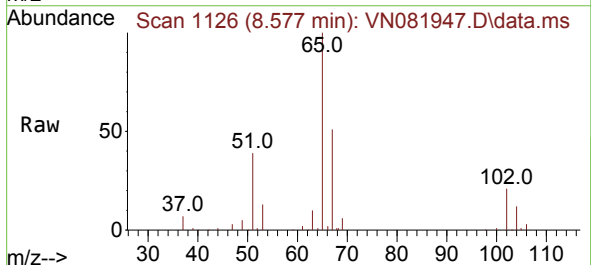


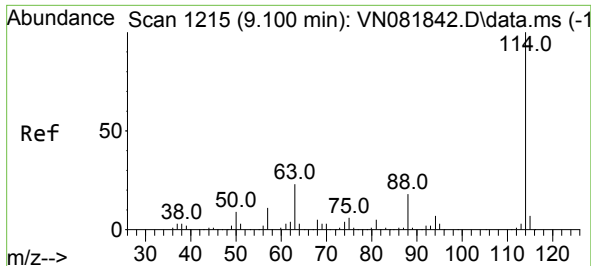
Tgt Ion: 56 Resp: 6458
Ion Ratio Lower Upper
56 100
69 96.2 24.4 36.6#
84 104.3 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 44.005 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

Tgt Ion: 65 Resp: 157265
Ion Ratio Lower Upper
65 100
67 53.0 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: VN081947.D

Acq: 01 May 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

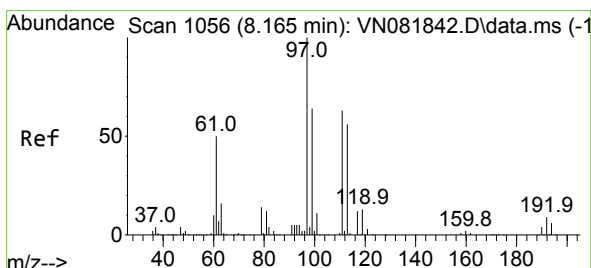
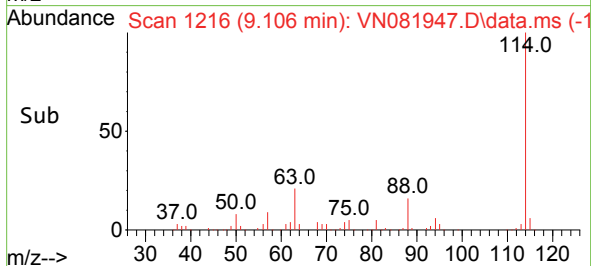
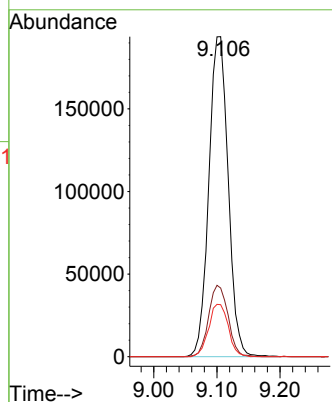
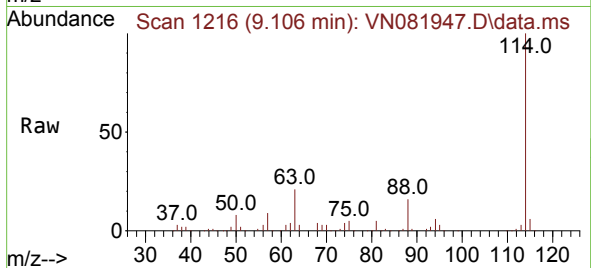
Tgt Ion:114 Resp: 411362

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.0

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.090 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081947.D

Acq: 01 May 2024 11:15

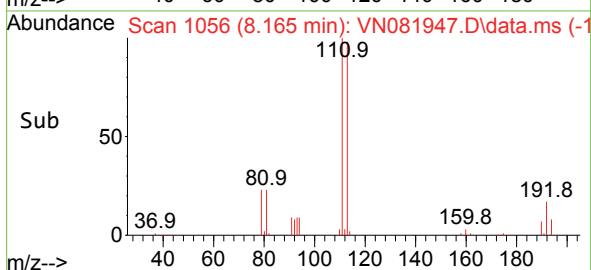
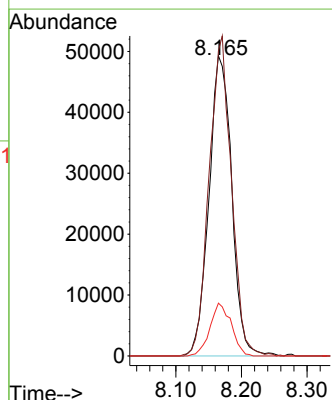
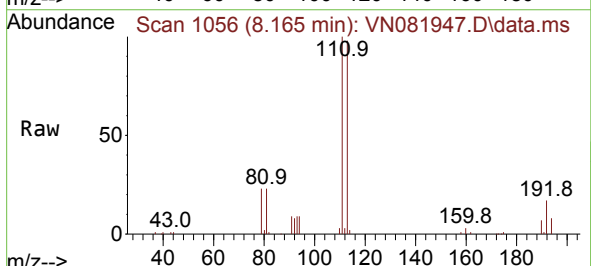
Tgt Ion:113 Resp: 119107

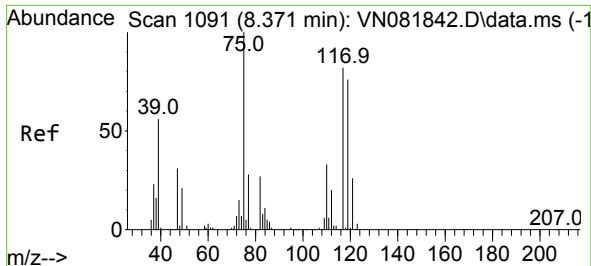
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

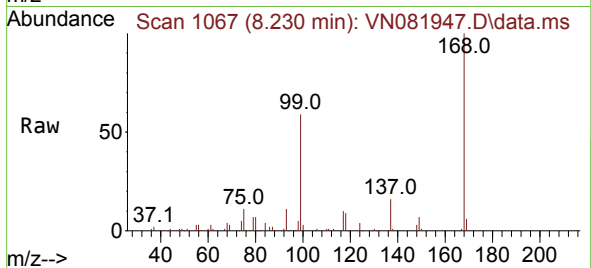
192 16.4 14.0 21.0



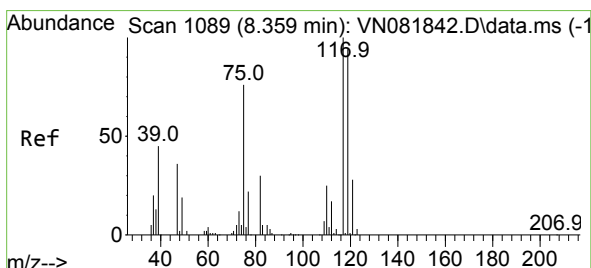
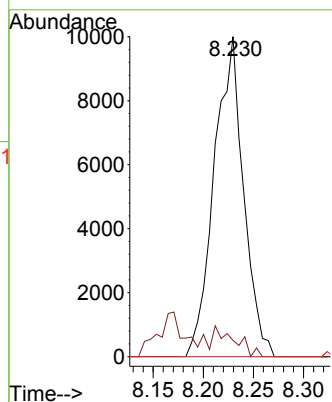
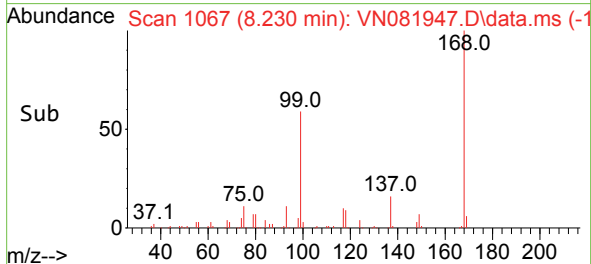


#36
1,1-Dichloropropene
Concen: 5.049 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

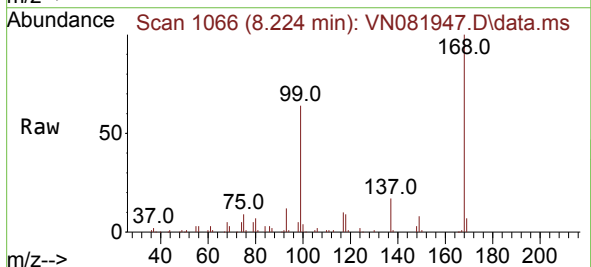
Instrument :
MSVOA_N
ClientSampleId :



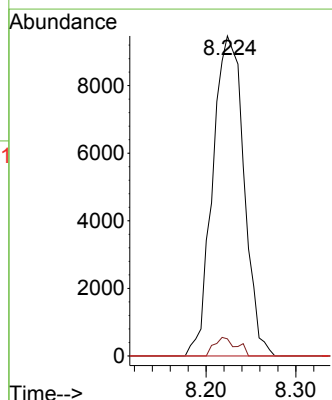
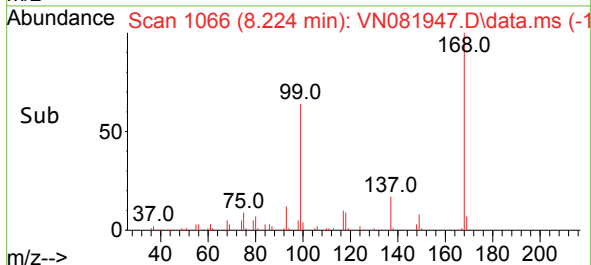
Tgt Ion: 75 Resp: 20344
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 25.0 37.4#

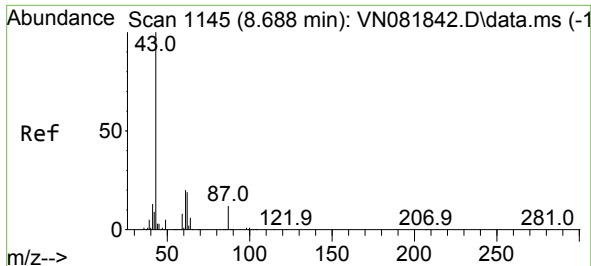


#38
Carbon Tetrachloride
Concen: 5.821 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15



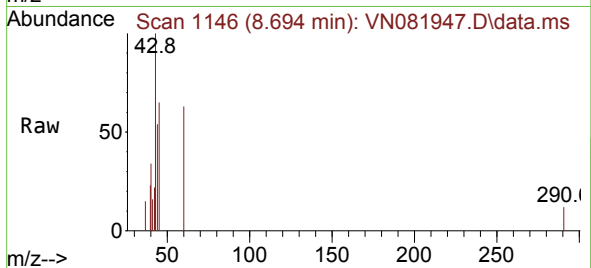
Tgt Ion: 117 Resp: 22923
Ion Ratio Lower Upper
117 100
119 5.4 76.5 114.7#
121 0.0 23.9 35.9#



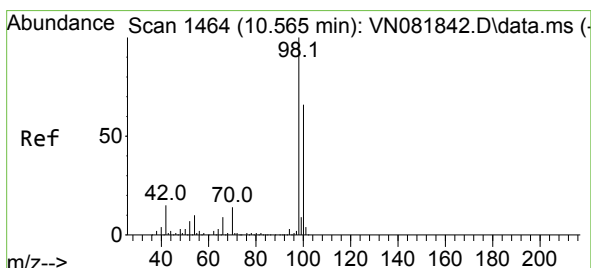
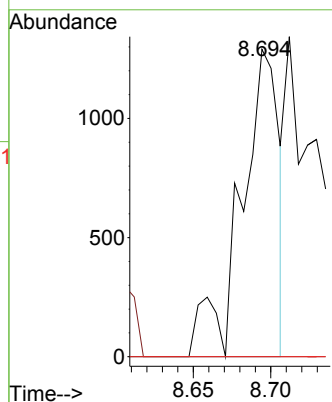
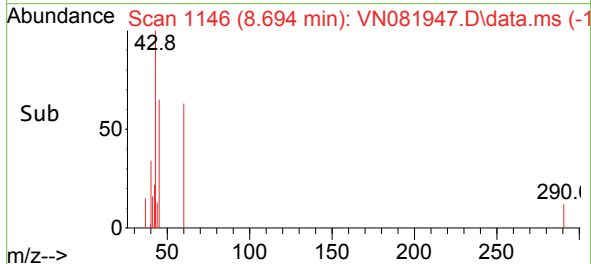


#43
Isopropyl Acetate
Concen: 0.268 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :

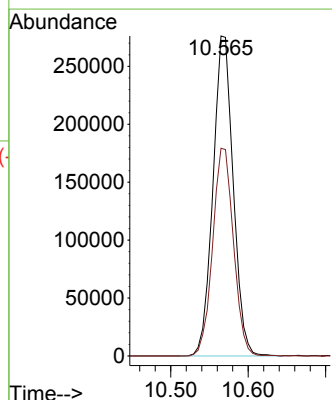
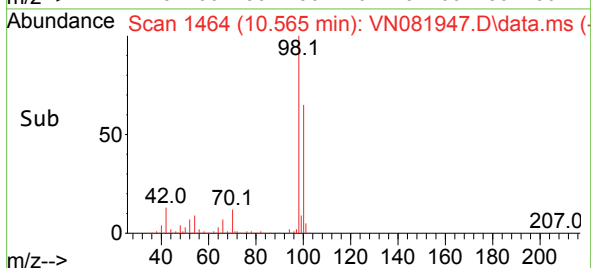
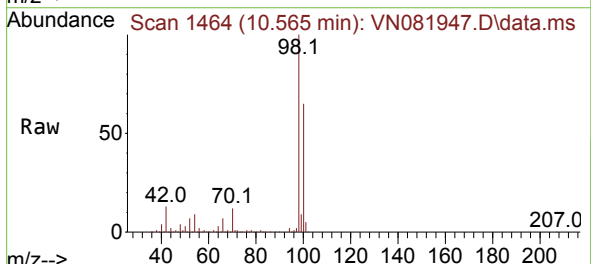


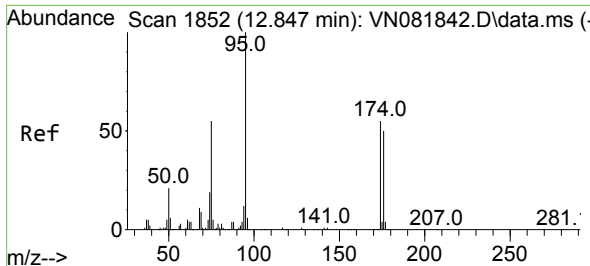
Tgt Ion: 43 Resp: 2195
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.523 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

Tgt Ion: 98 Resp: 501176
Ion Ratio Lower Upper
98 100
100 66.7 51.8 77.6

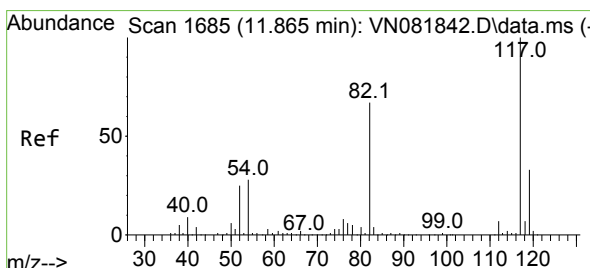
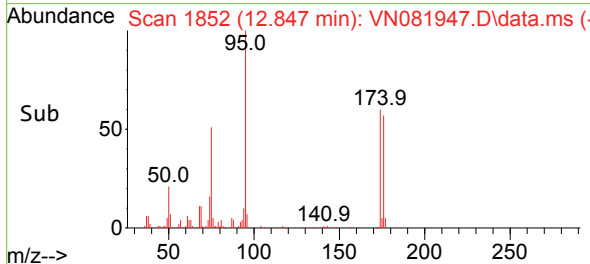
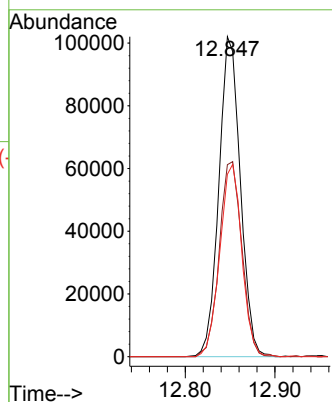
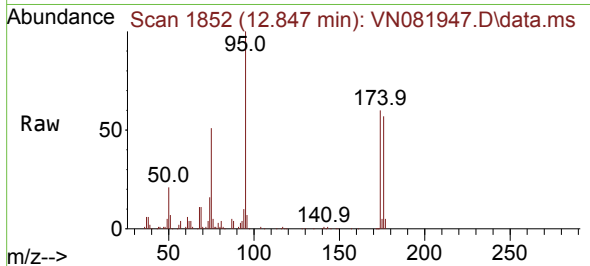




#62
4-Bromofluorobenzene
Concen: 44.136 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

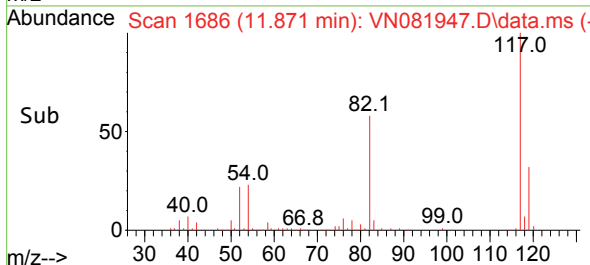
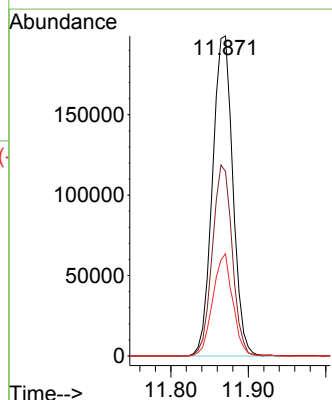
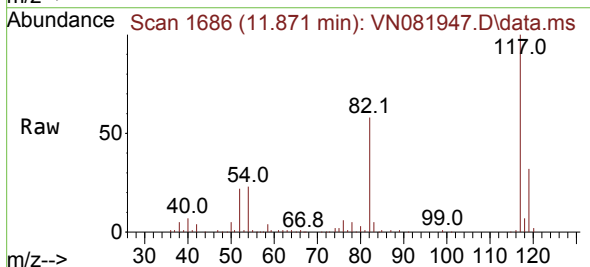
Instrument :
MSVOA_N
ClientSampleId :

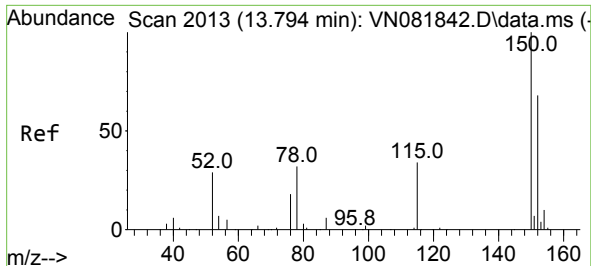
Tgt Ion: 95 Resp: 169713
Ion Ratio Lower Upper
95 100
174 63.9 0.0 160.6
176 61.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081947.D
Acq: 01 May 2024 11:15

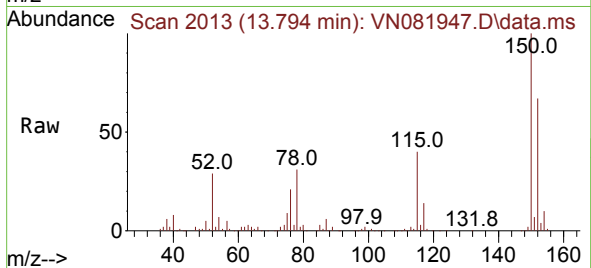
Tgt Ion: 117 Resp: 363836
Ion Ratio Lower Upper
117 100
82 57.7 44.6 66.8
119 31.9 25.9 38.9



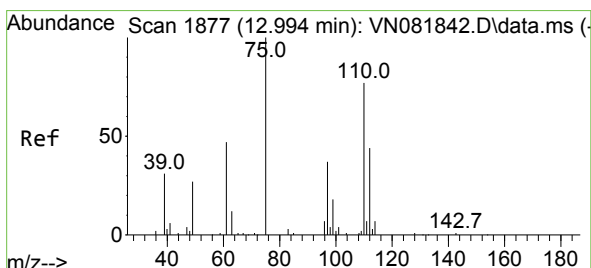
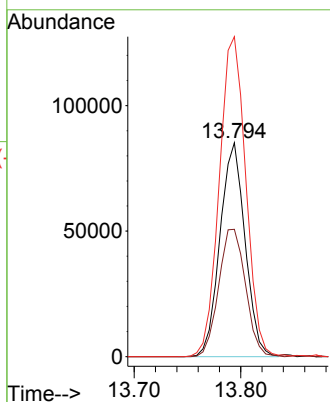
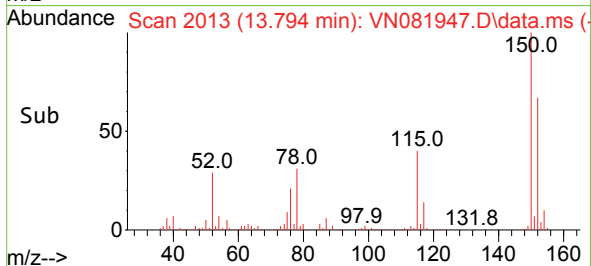


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081947.D
 Acq: 01 May 2024 11:15

Instrument :
 MSVOA_N
 ClientSampleId :

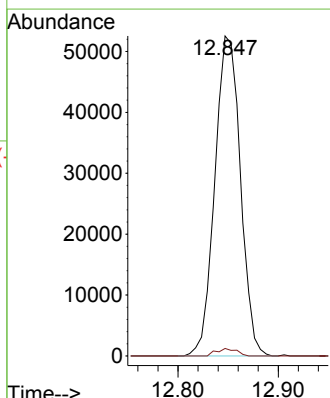
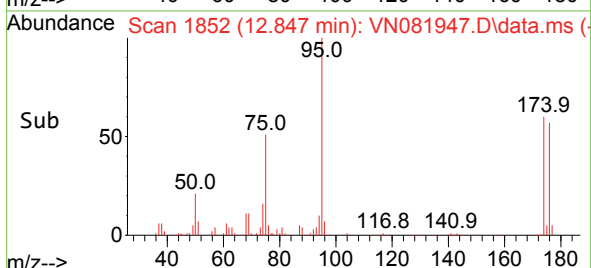
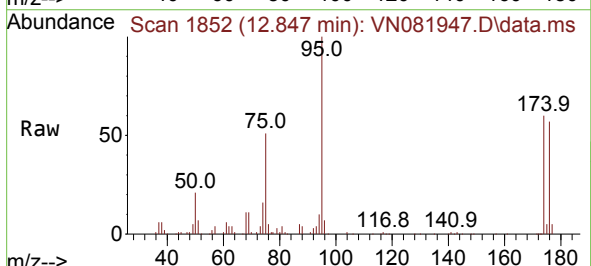


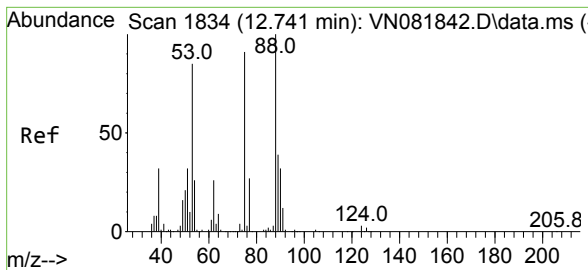
Tgt Ion:152 Resp: 139033
 Ion Ratio Lower Upper
 152 100
 115 63.7 30.4 91.3
 150 158.3 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 25.767 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081947.D
 Acq: 01 May 2024 11:15

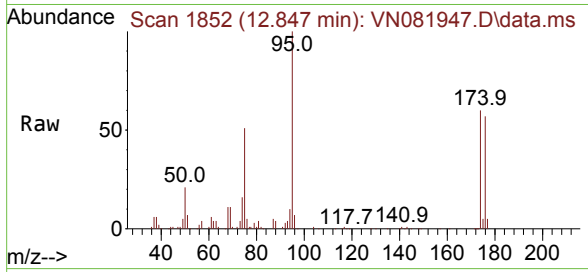
Tgt Ion: 75 Resp: 92884
 Ion Ratio Lower Upper
 75 100
 77 1.8 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.799 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081947.D
 Acq: 01 May 2024 11:15

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.2	39.1	58.7#

