

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083227.D
 Acq On : 12 Aug 2024 10:46
 Operator : JC\MD
 Sample : VN0812WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 13 04:12:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

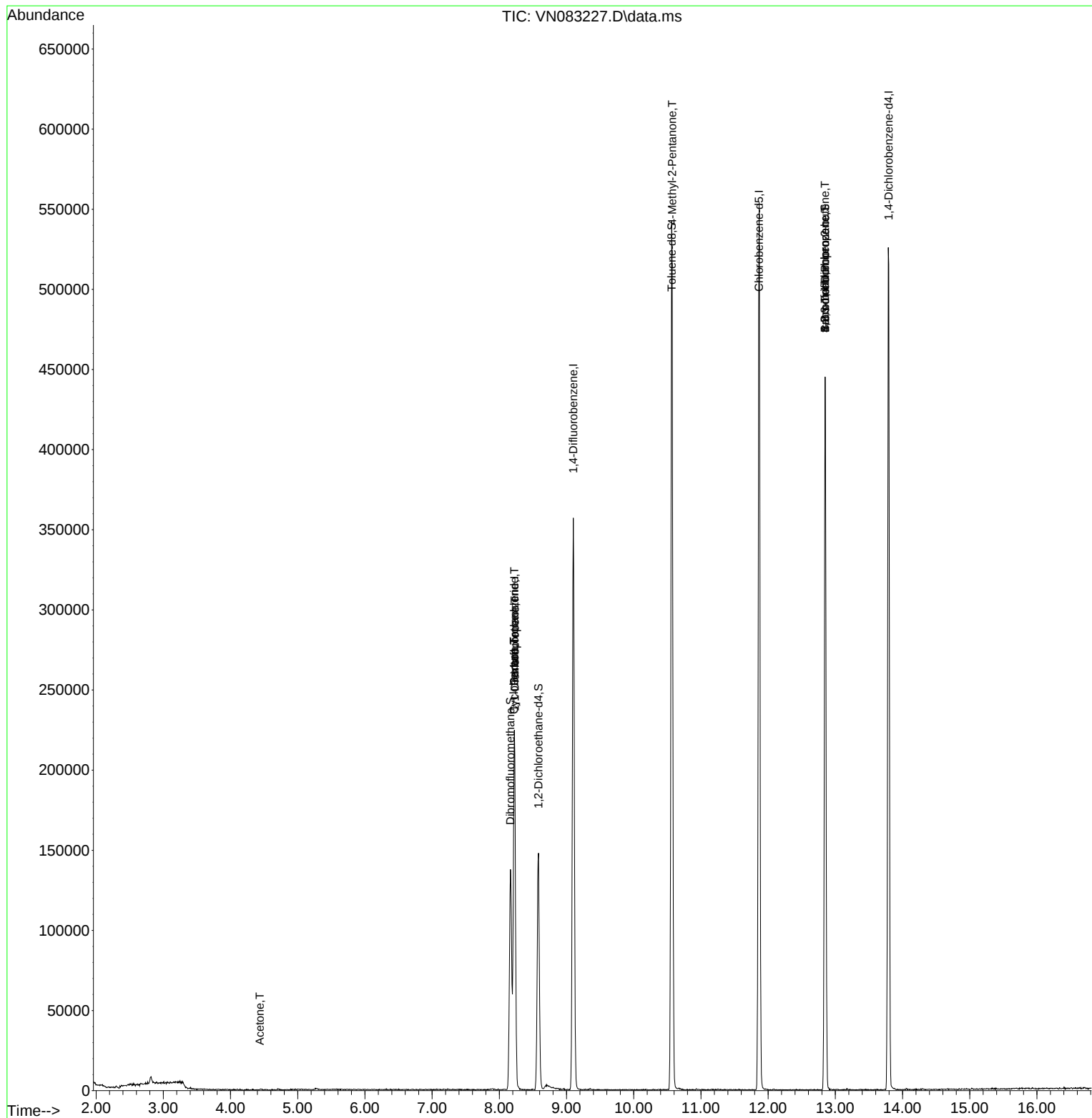
Internal Standards						
1) Pentafluorobenzene	8.224	168	155185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124957	56.570	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.140%	
35) Dibromofluoromethane	8.165	113	99644	53.571	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.140%	
50) Toluene-d8	10.565	98	373919	53.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.780%	
62) 4-Bromofluorobenzene	12.847	95	159944	59.130	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 118.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	572	0.662	ug/l #	48
31) Cyclohexane	8.218	56	3899	1.191	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	13821	4.912	ug/l #	52
38) Carbon Tetrachloride	8.224	117	17315	5.464	ug/l #	16
43) Isopropyl Acetate	8.700	43	3187	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1934	0.649	ug/l #	1
71) Bromoform	12.847	173	787	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	86484	28.721	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86484	62.476	ug/l #	6

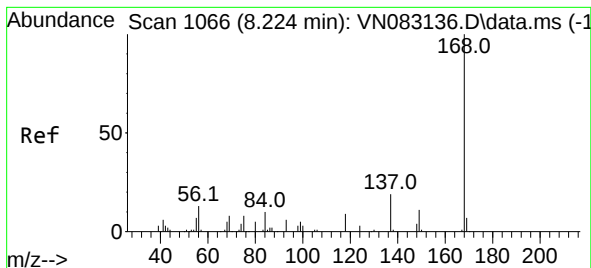
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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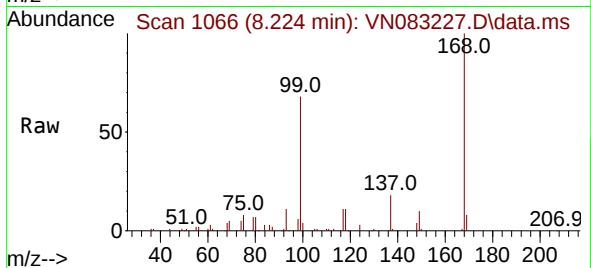
Quant Time: Aug 13 04:12:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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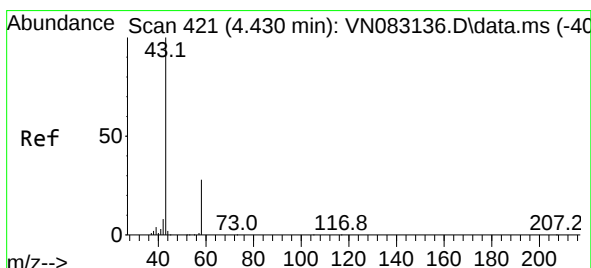
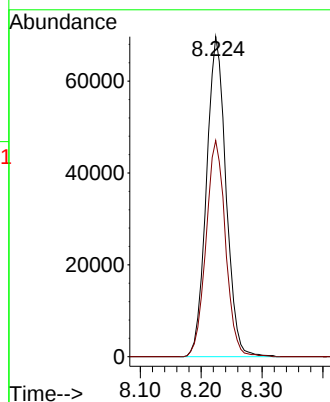
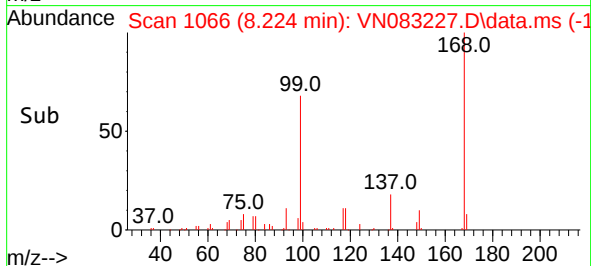


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :

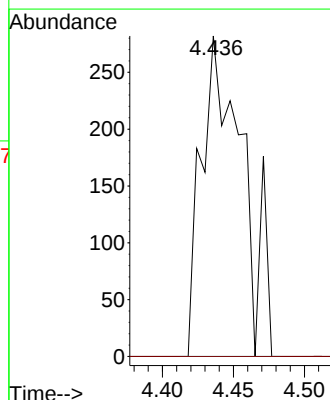
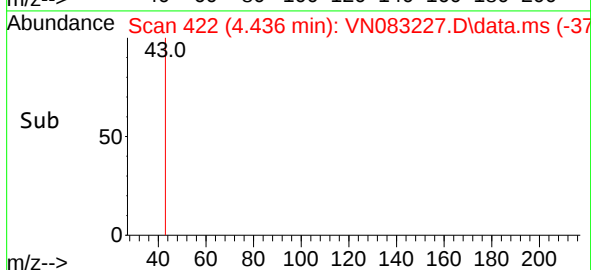
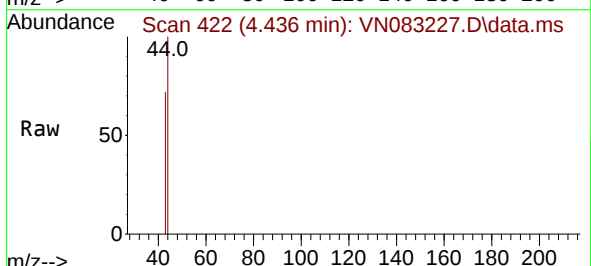


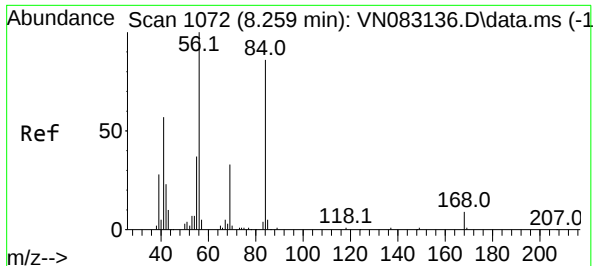
Tgt Ion:168 Resp: 155185
Ion Ratio Lower Upper
168 100
99 67.6 48.2 72.4



#16
Acetone
Concen: 0.662 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

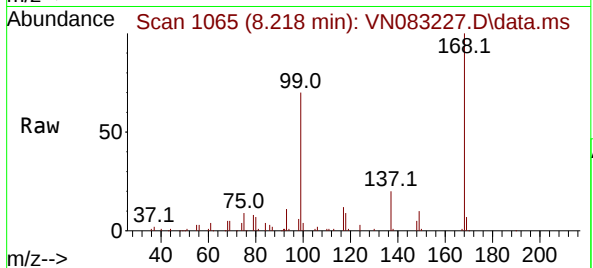
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



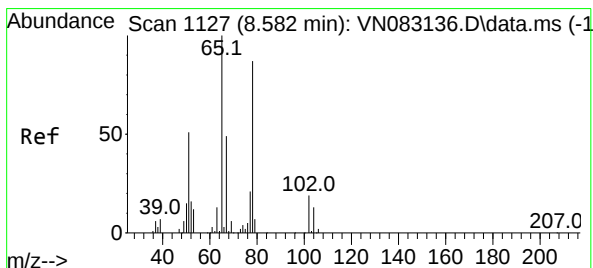
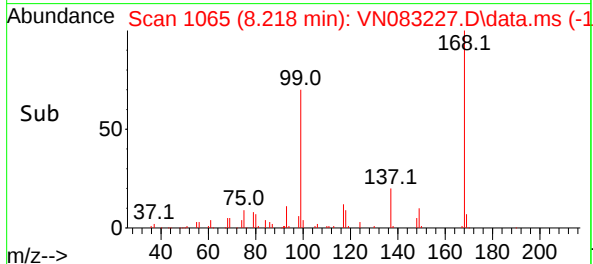
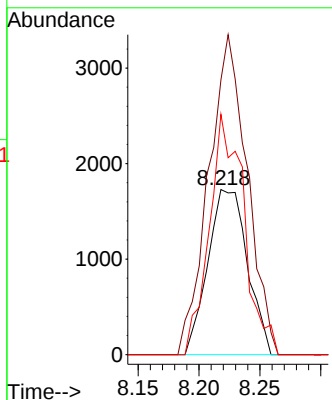


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :

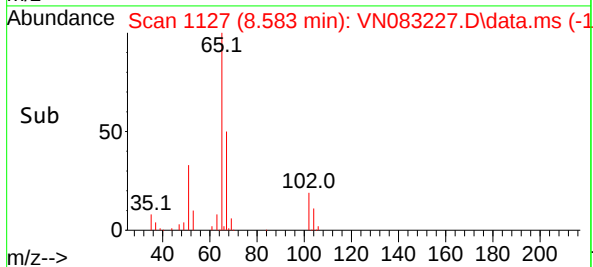
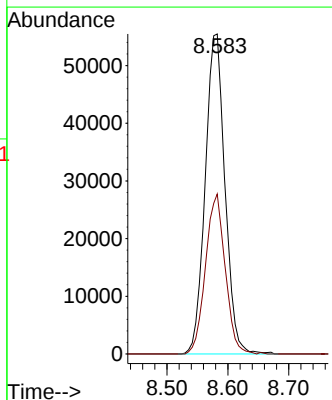
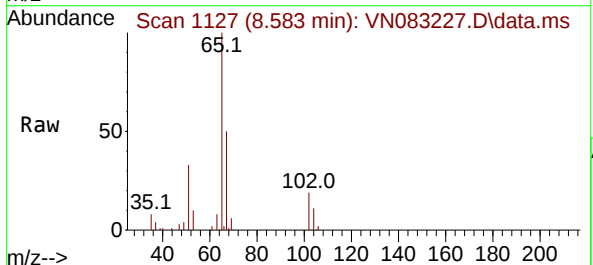


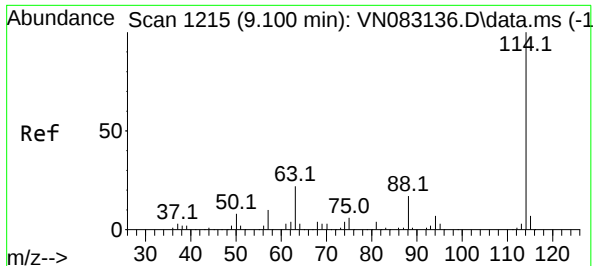
Tgt Ion: 56 Resp: 3899
Ion Ratio Lower Upper
56 100
69 166.3 24.5 36.7#
84 145.5 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.570 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Tgt Ion: 65 Resp: 124957
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083227.D

Acq: 12 Aug 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :

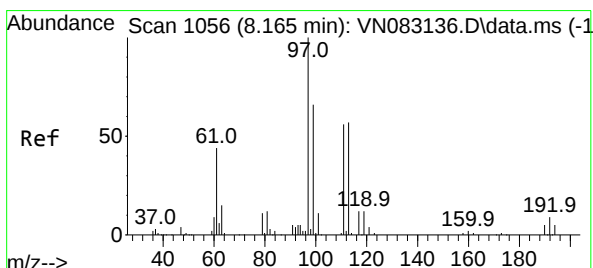
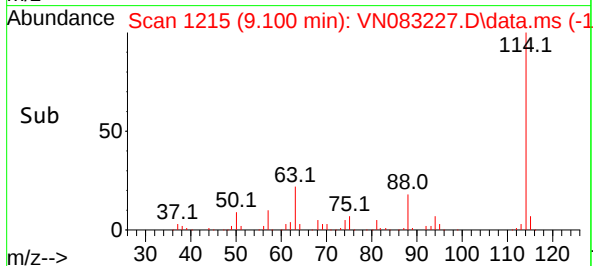
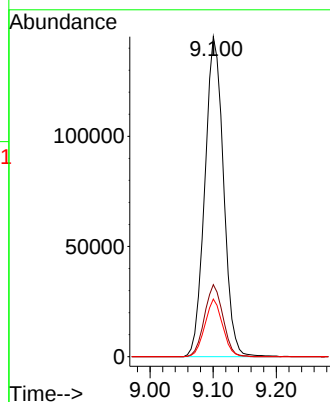
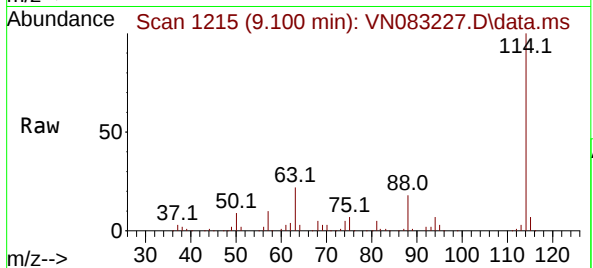
Tgt Ion:114 Resp: 297997

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 18.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.571 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083227.D

Acq: 12 Aug 2024 10:46

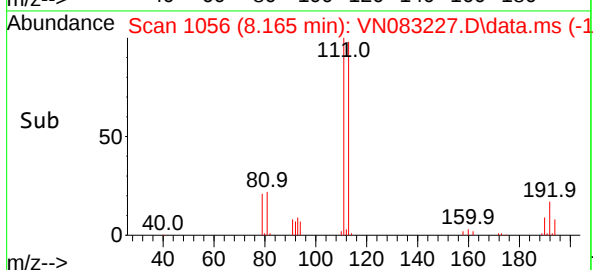
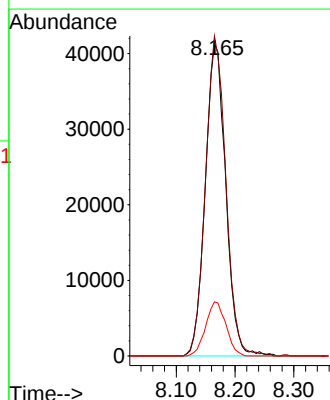
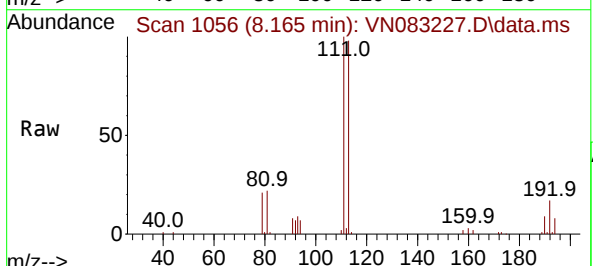
Tgt Ion:113 Resp: 99644

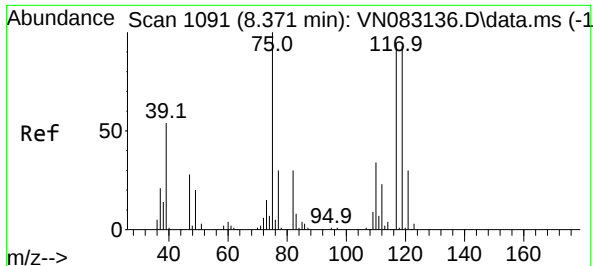
Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 17.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.912 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

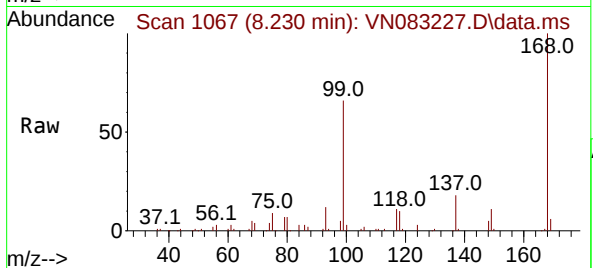
Lab File: VN083227.D

Acq: 12 Aug 2024 10:46

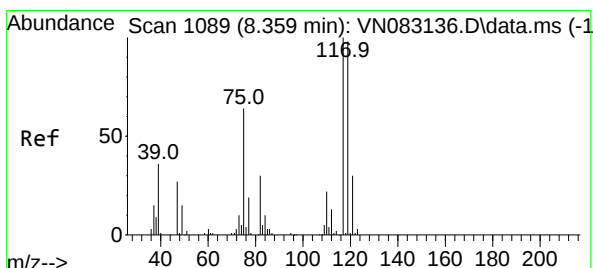
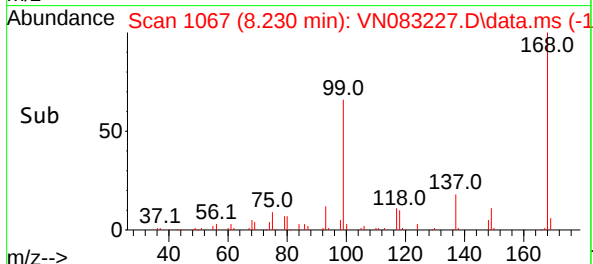
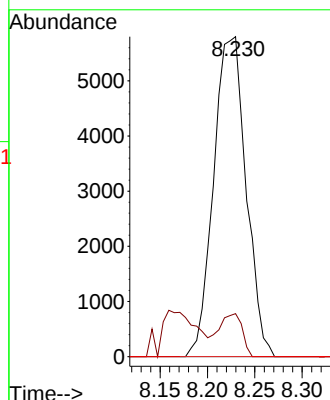
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	13821
Ion Ratio	Lower	Upper	
75	100		
110	9.9	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.464 ug/l

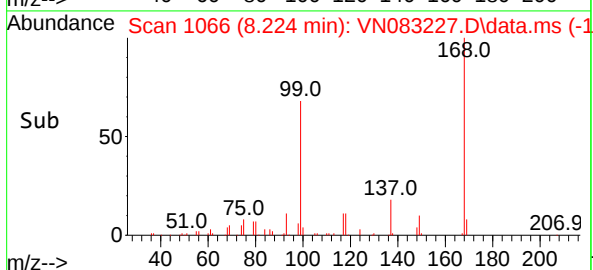
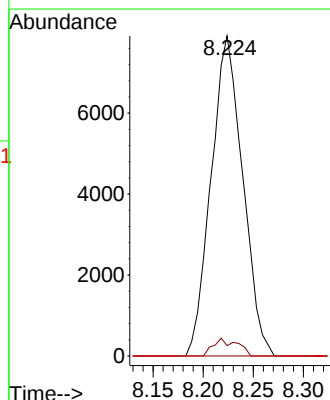
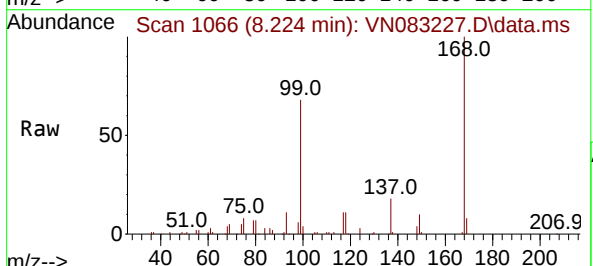
RT: 8.224 min Scan# 1066

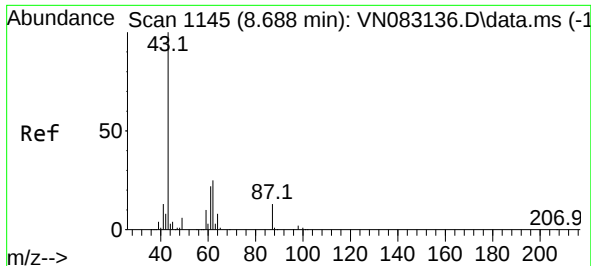
Delta R.T. -0.135 min

Lab File: VN083227.D

Acq: 12 Aug 2024 10:46

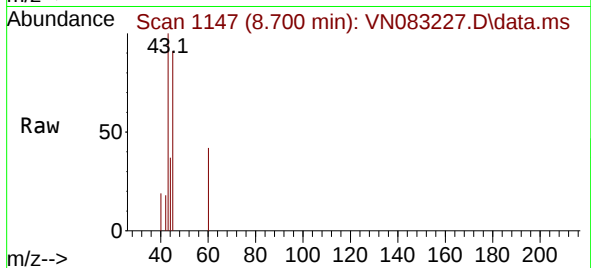
Tgt Ion:	117	Resp:	17315
Ion Ratio	Lower	Upper	
117	100		
119	3.3	74.9	112.3#
121	0.0	24.3	36.5#



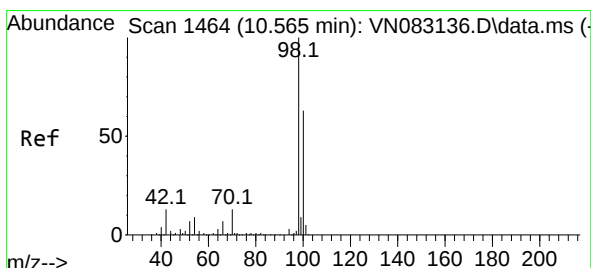
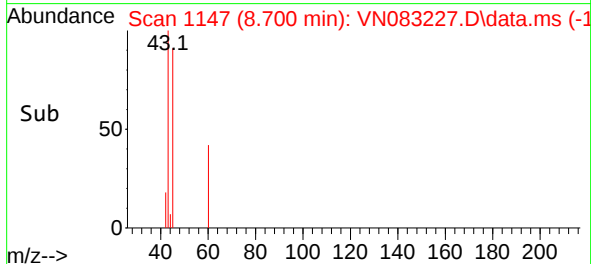
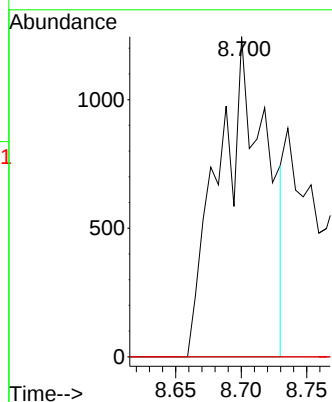


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Instrument :
MSVOA_N
ClientSampleId :

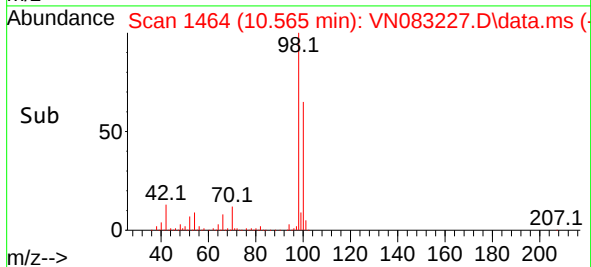
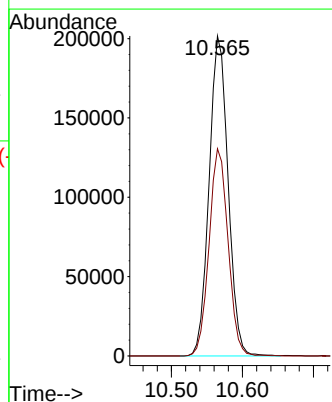
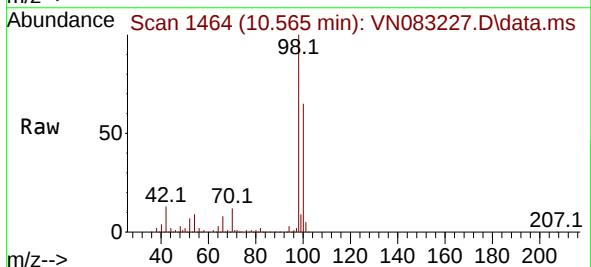


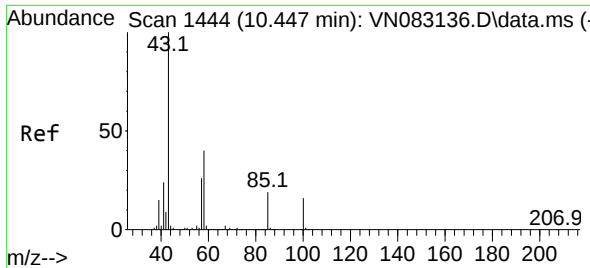
Tgt Ion: 43 Resp: 3187
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 53.891 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Tgt Ion: 98 Resp: 373919
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

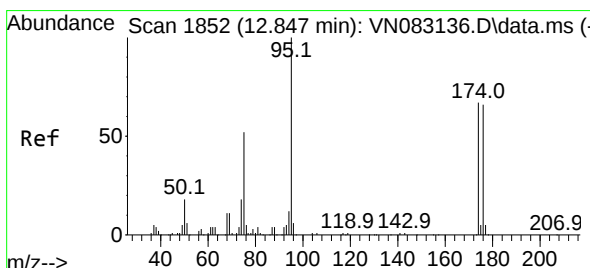
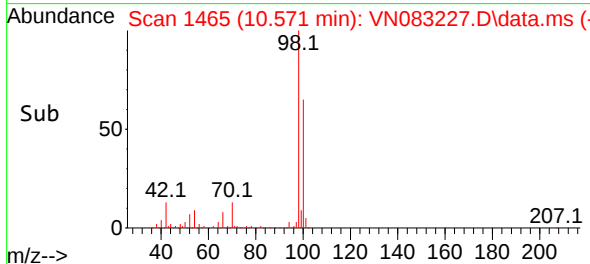
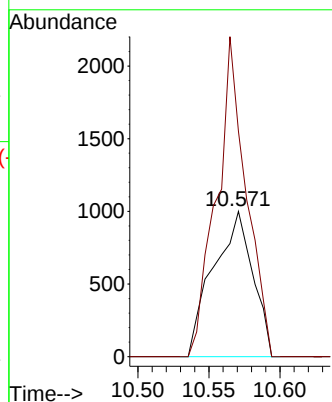
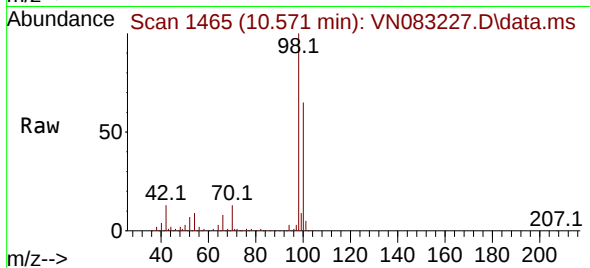




#51
4-Methyl-2-Pentanone
Concen: 0.649 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

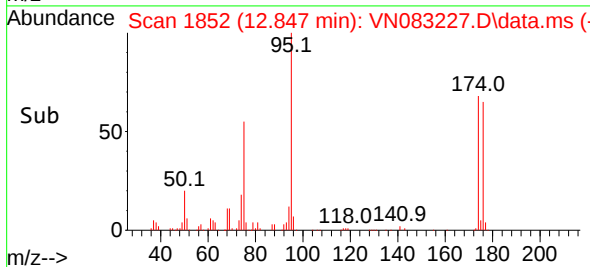
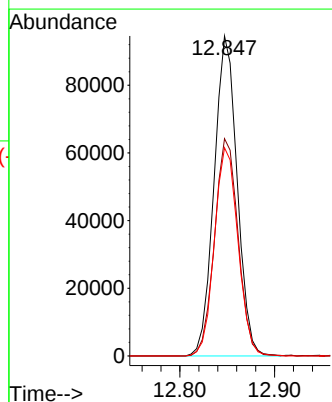
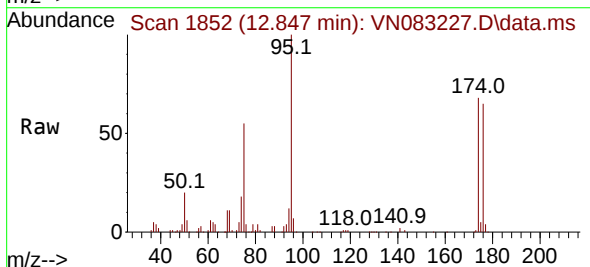
Instrument :
MSVOA_N
ClientSampleId :

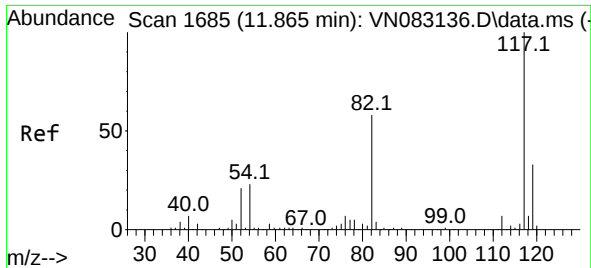
Tgt Ion: 43 Resp: 1934
Ion Ratio Lower Upper
43 100
58 165.8 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 59.130 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Tgt Ion: 95 Resp: 159944
Ion Ratio Lower Upper
95 100
174 69.4 0.0 159.2
176 66.6 0.0 147.6

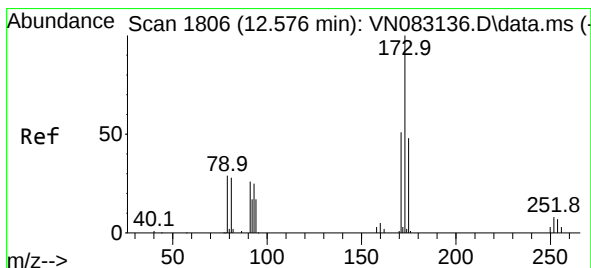
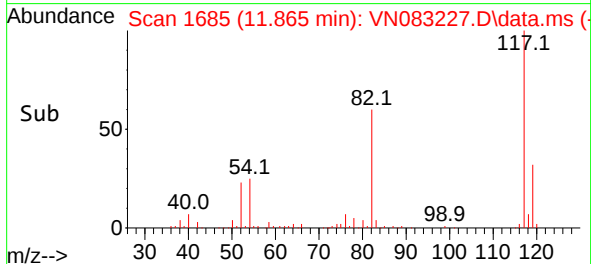
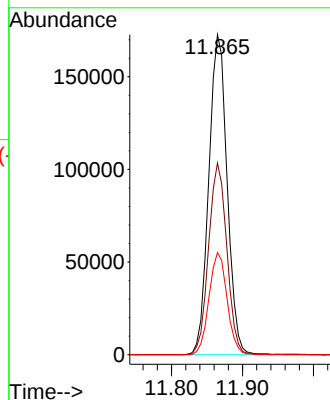
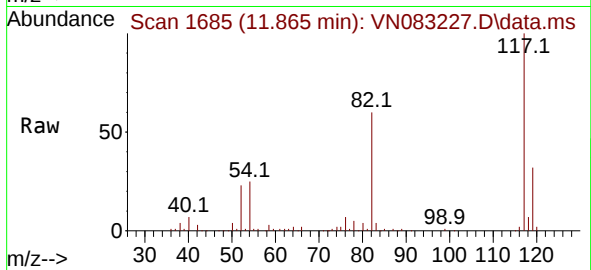




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

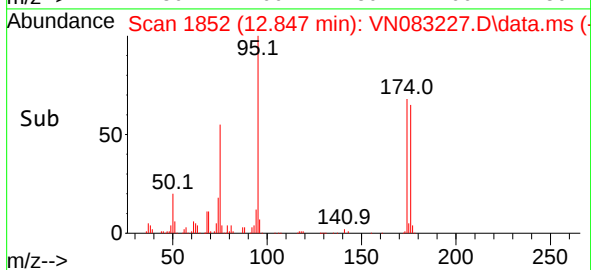
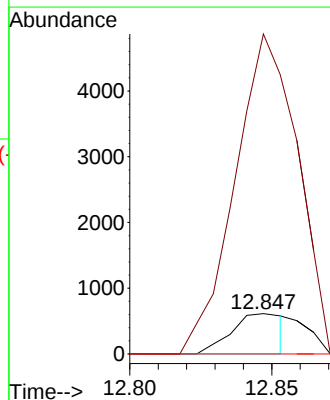
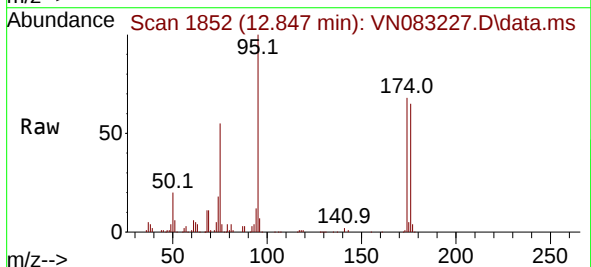
Instrument :
MSVOA_N
ClientSampleId :

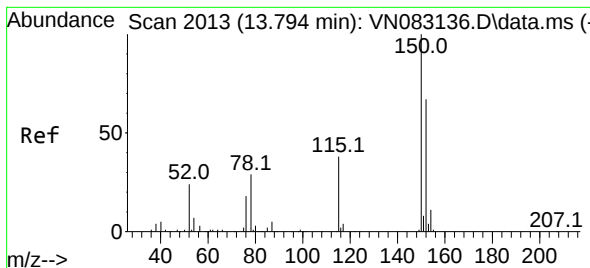
Tgt Ion:117 Resp: 309712
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 31.9 25.6 38.4



#71
Bromoform
Concen: 0.430 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083227.D
Acq: 12 Aug 2024 10:46

Tgt Ion:173 Resp: 787
Ion Ratio Lower Upper
173 100
175 736.2 24.0 72.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

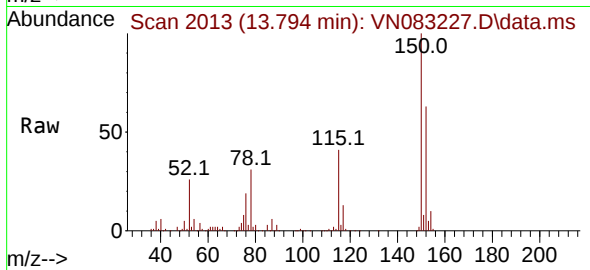
Lab File: VN083227.D

Acq: 12 Aug 2024 10:46

Instrument :

MSVOA_N

ClientSampleId :



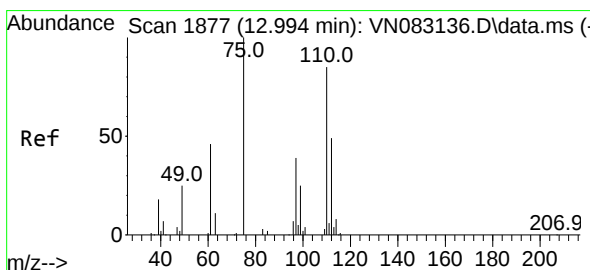
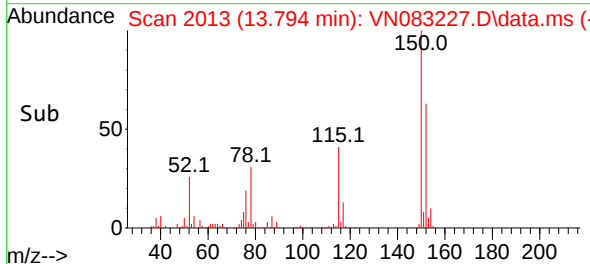
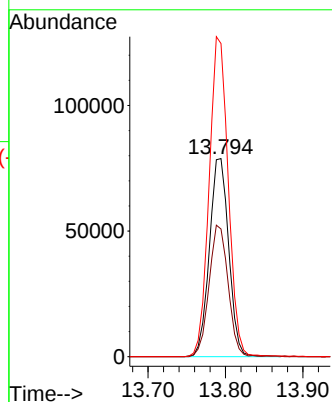
Tgt Ion:152 Resp: 137198

Ion Ratio Lower Upper

152 100

115 65.2 30.6 91.6

150 159.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 28.721 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083227.D

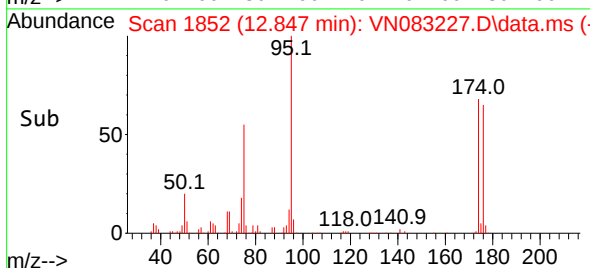
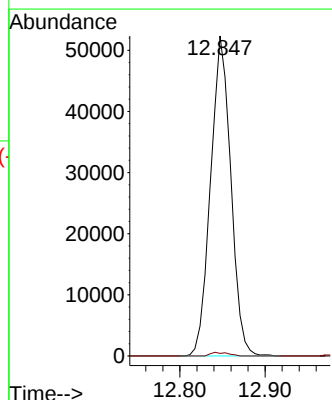
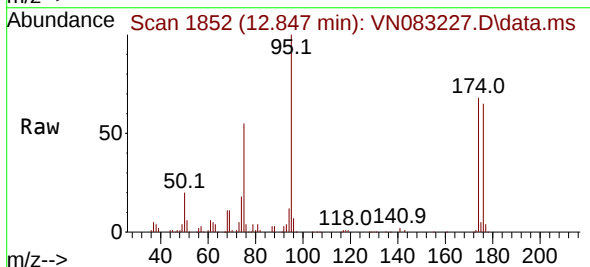
Acq: 12 Aug 2024 10:46

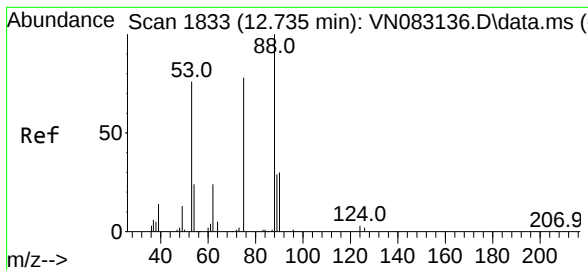
Tgt Ion: 75 Resp: 86484

Ion Ratio Lower Upper

75 100

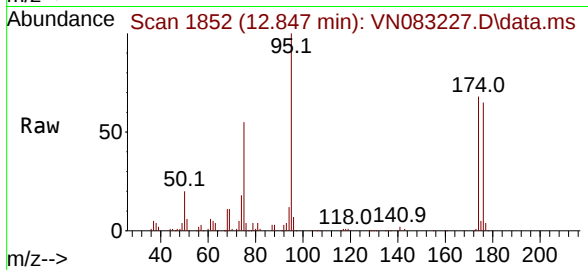
77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.476 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083227.D
 Acq: 12 Aug 2024 10:46

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.4	132.6#
89	0.0	36.3	54.5#

