

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083012.D
 Acq On : 23 Jul 2024 15:07
 Operator : JC\MD
 Sample : VN0723WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 02:28:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

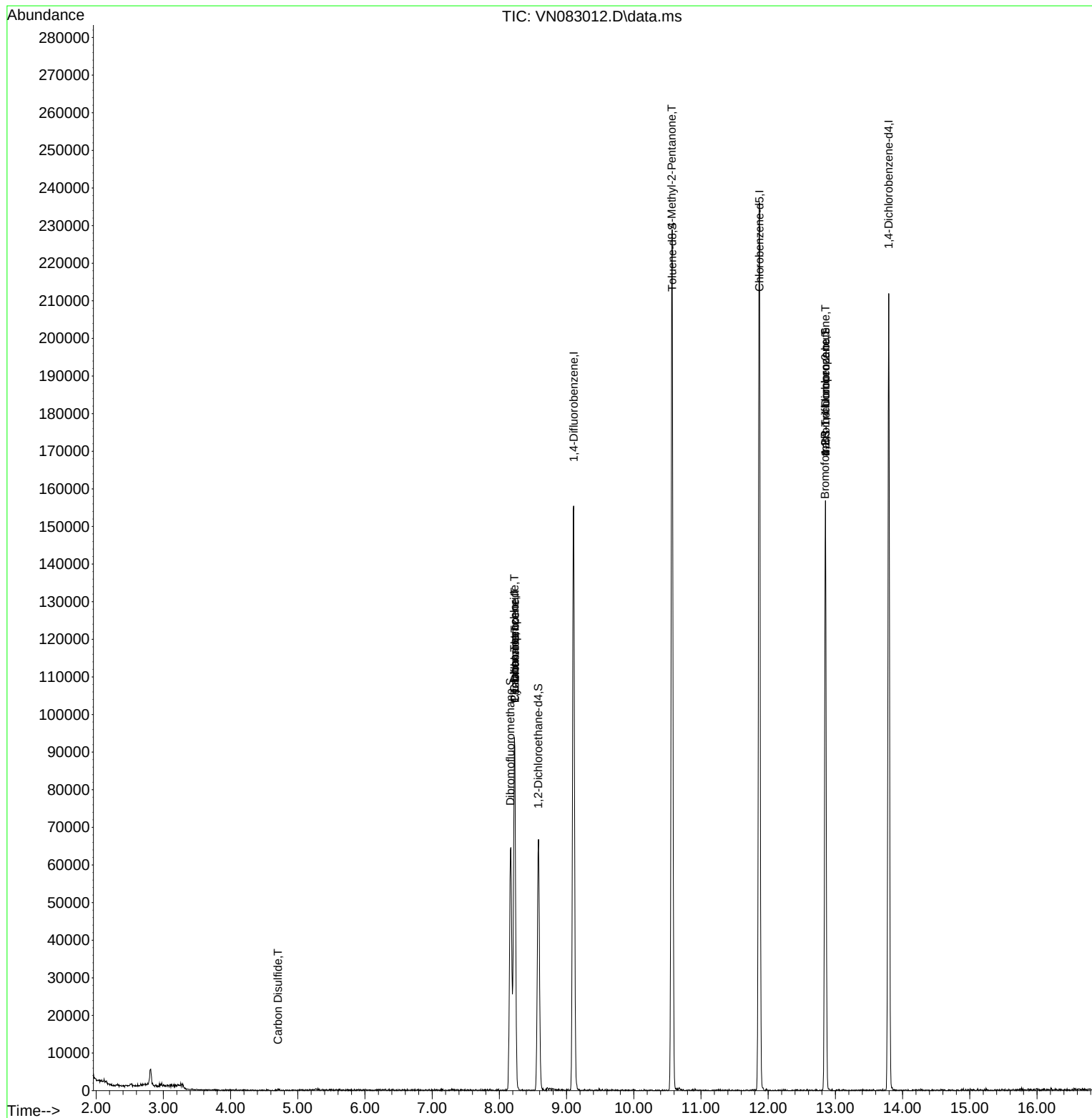
Internal Standards						
1) Pentafluorobenzene	8.230	168	66765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	130690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	132778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	54995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	54148	57.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.720%			
35) Dibromofluoromethane	8.165	113	46638	55.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.220%			
50) Toluene-d8	10.571	98	156080	50.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.853	95	46993	42.237	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 84.480%			
Target Compounds						Qvalue
17) Carbon Disulfide	4.706	76	506	0.248	ug/l #	75
31) Cyclohexane	8.230	56	2031	1.660	ug/l #	48
36) 1,1-Dichloropropene	8.230	75	6303	5.451	ug/l #	50
38) Carbon Tetrachloride	8.224	117	7029	5.049	ug/l #	19
43) Isopropyl Acetate	8.712	43	226	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	680	0.583	ug/l #	1
71) Bromoform	12.847	173	681	0.856	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	27469	28.971	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	27469	56.978	ug/l #	6

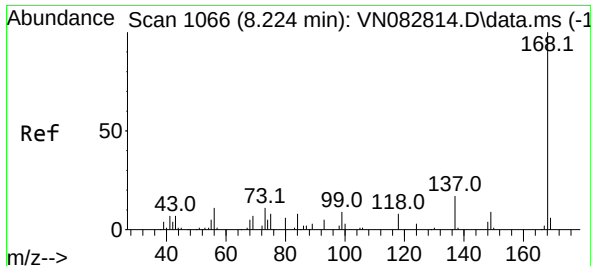
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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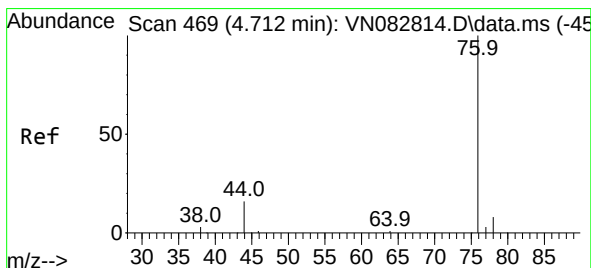
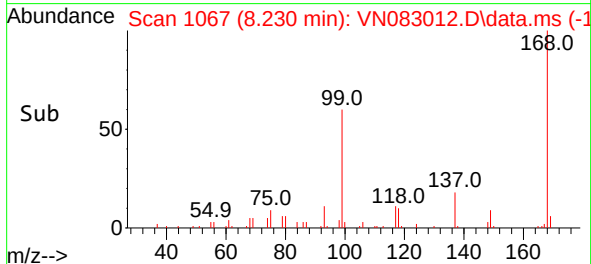
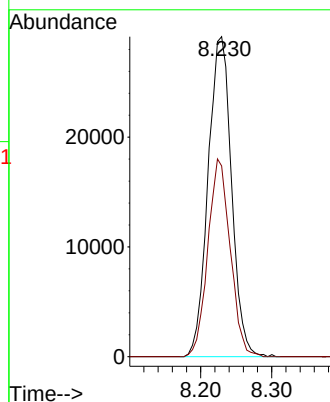
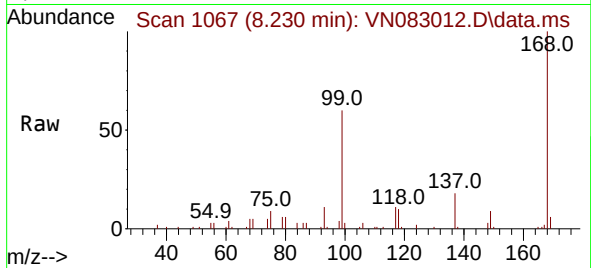




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

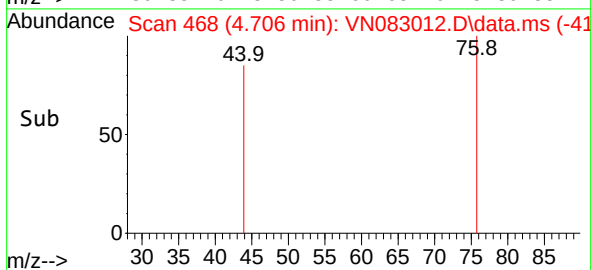
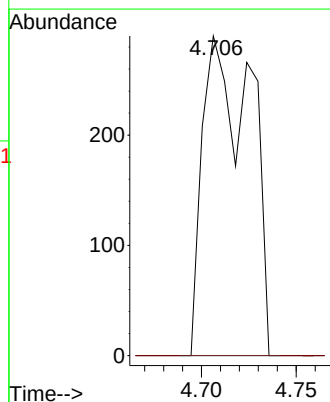
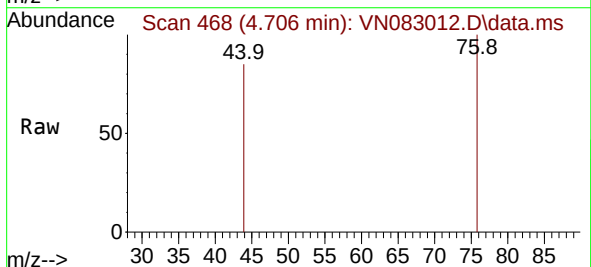
Instrument :
MSVOA_N
ClientSampleId :

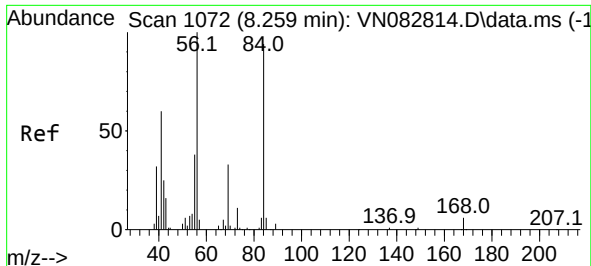
Tgt Ion:168 Resp: 66765
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

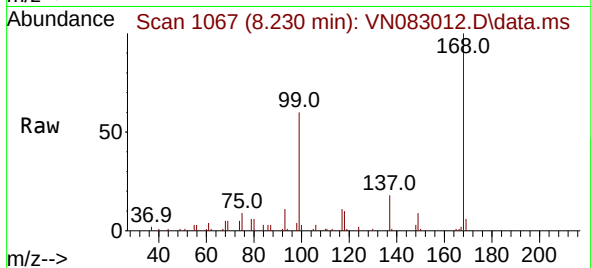
Tgt Ion: 76 Resp: 506
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



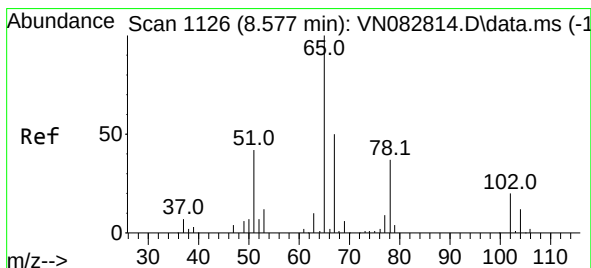
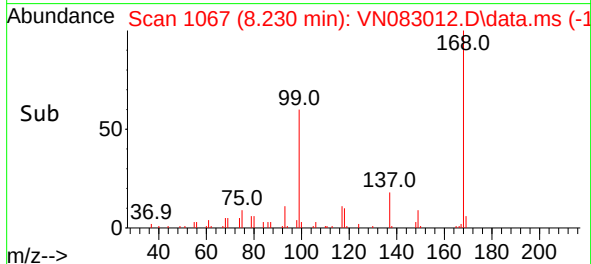
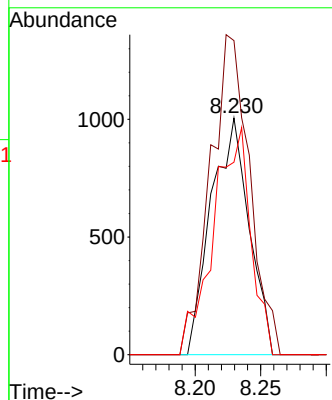


#31
Cyclohexane
Concen: 1.660 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

Instrument :
MSVOA_N
ClientSampleId :

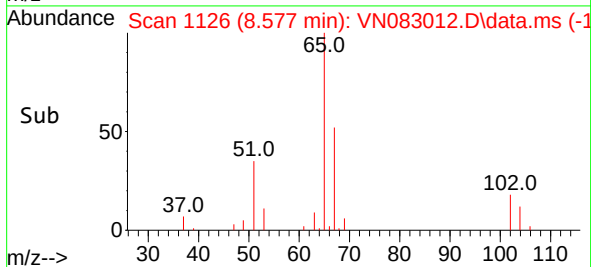
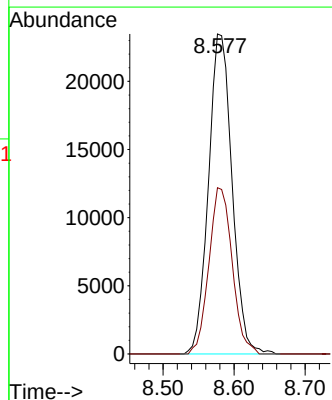
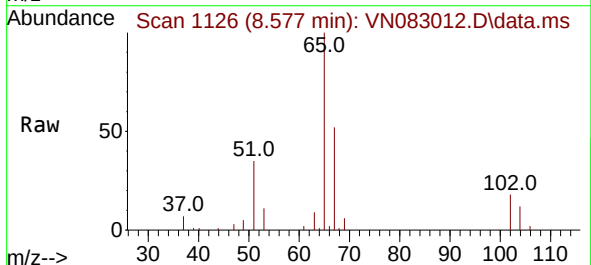


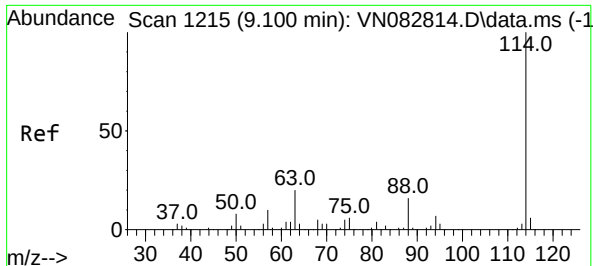
Tgt Ion: 56 Resp: 2031
Ion Ratio Lower Upper
56 100
69 132.7 24.5 36.7#
84 81.3 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 57.856 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

Tgt Ion: 65 Resp: 54148
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083012.D

Acq: 23 Jul 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

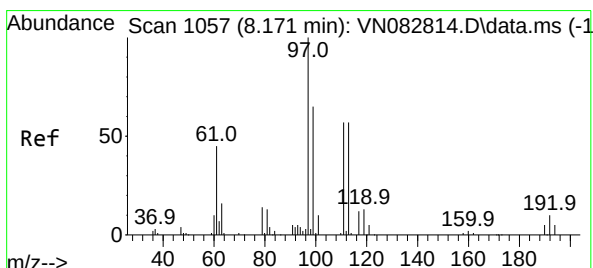
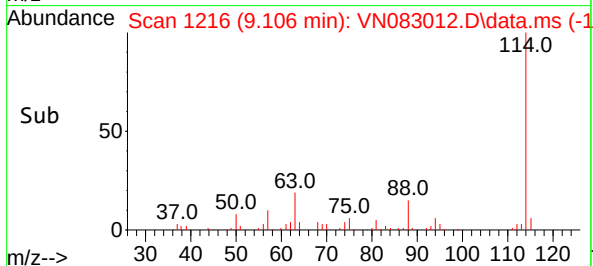
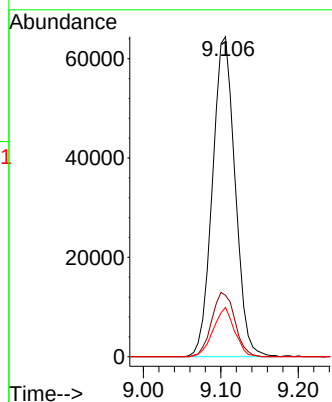
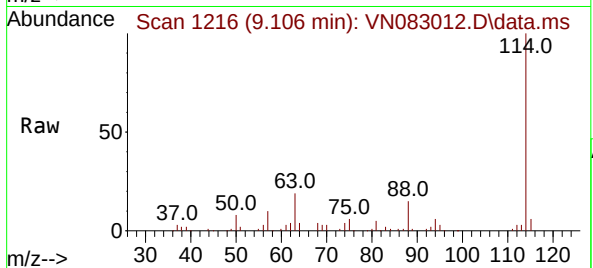
Tgt Ion:114 Resp: 130690

Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.614 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083012.D

Acq: 23 Jul 2024 15:07

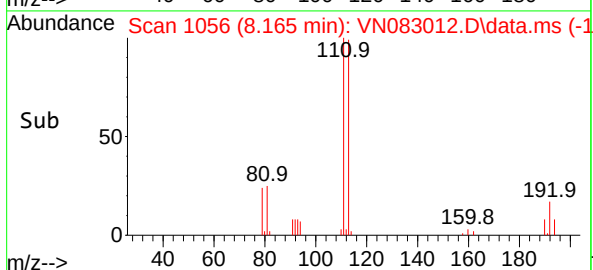
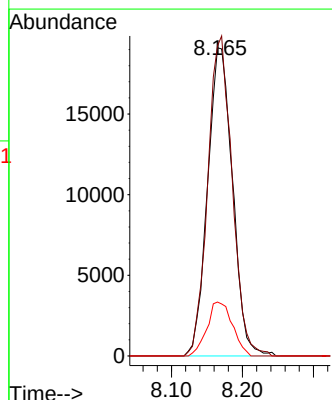
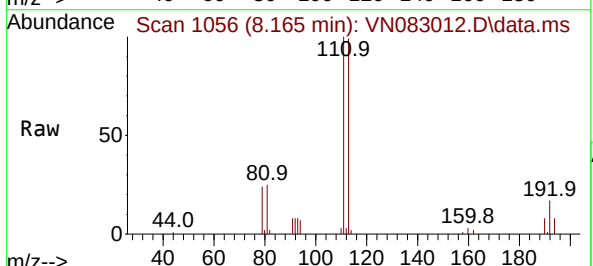
Tgt Ion:113 Resp: 46638

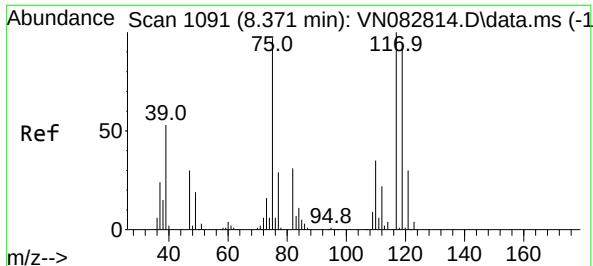
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.451 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

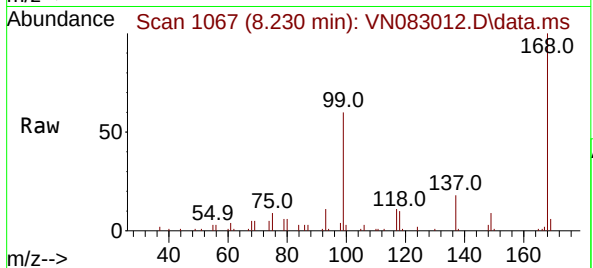
Lab File: VN083012.D

Acq: 23 Jul 2024 15:07

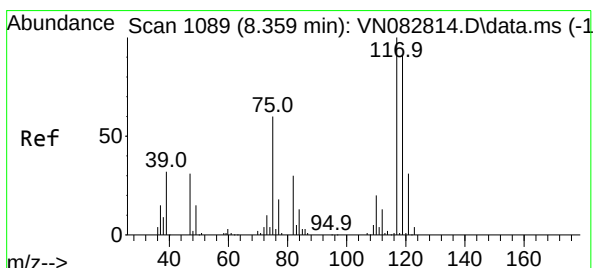
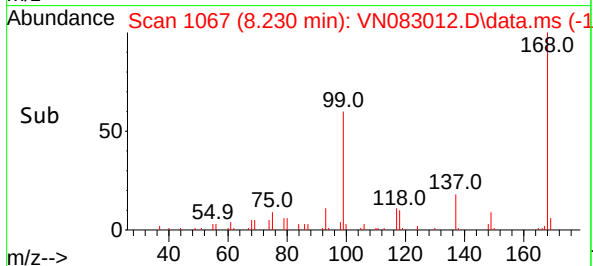
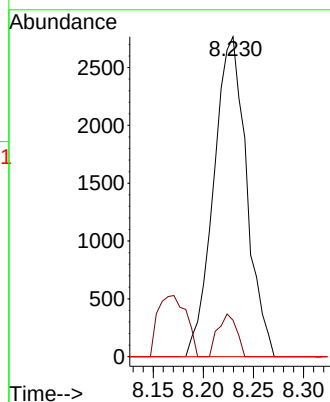
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	6303
Ion Ratio	Lower	Upper	
75	100		
110	7.6	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.049 ug/l

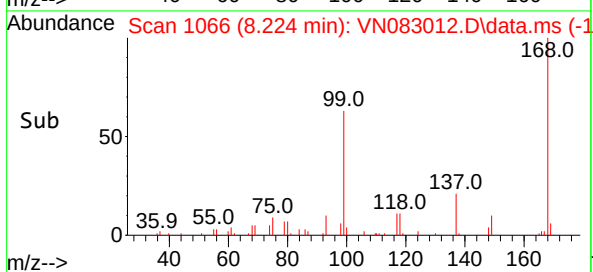
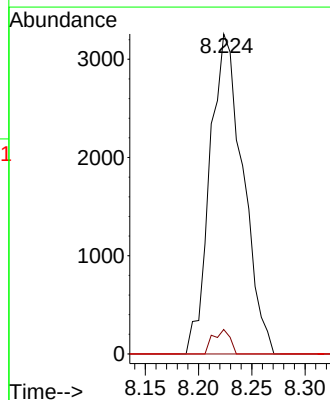
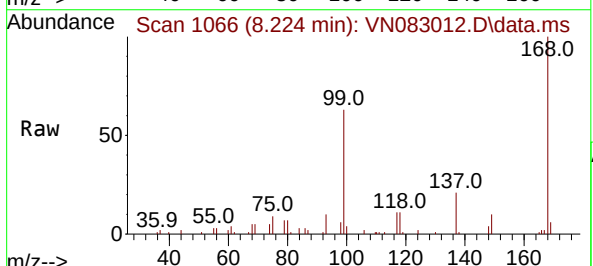
RT: 8.224 min Scan# 1066

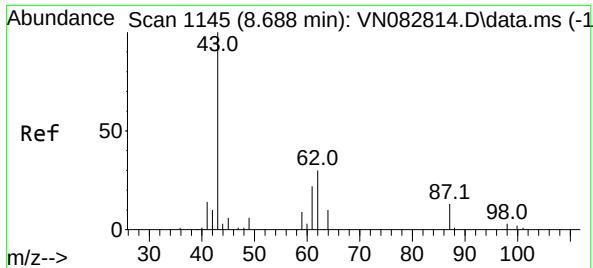
Delta R.T. -0.141 min

Lab File: VN083012.D

Acq: 23 Jul 2024 15:07

Tgt Ion:	117	Resp:	7029
Ion Ratio	Lower	Upper	
117	100		
119	7.6	74.9	112.3#
121	0.0	24.3	36.5#

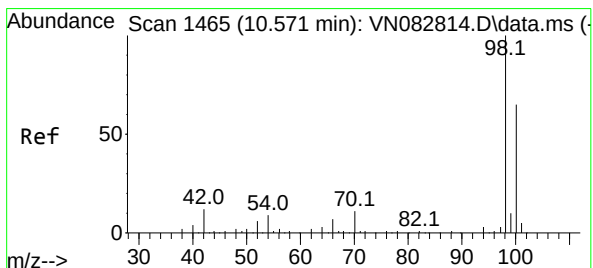
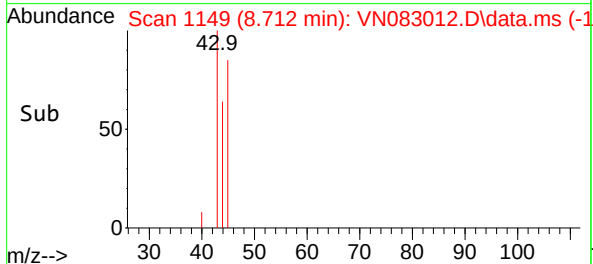
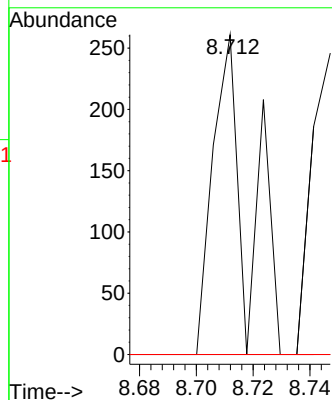
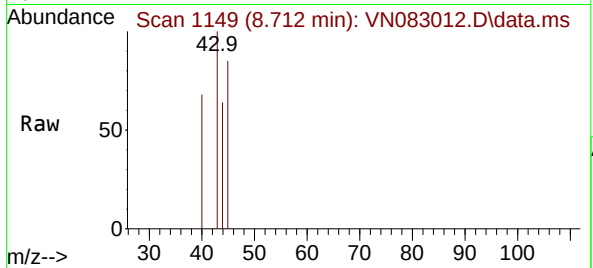




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

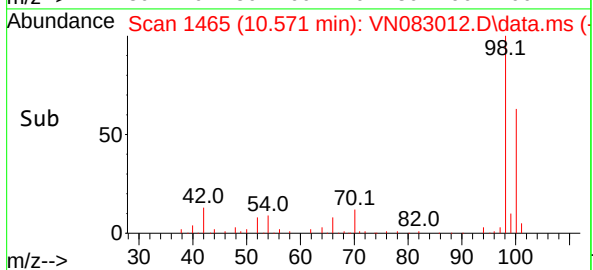
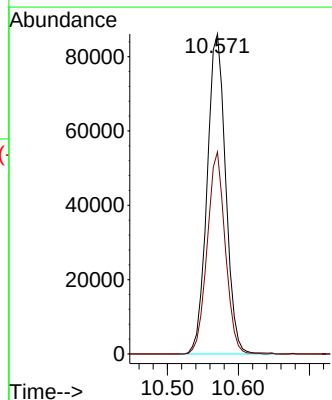
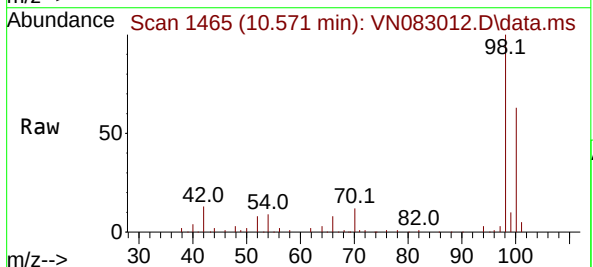
Instrument :
MSVOA_N
ClientSampleId :

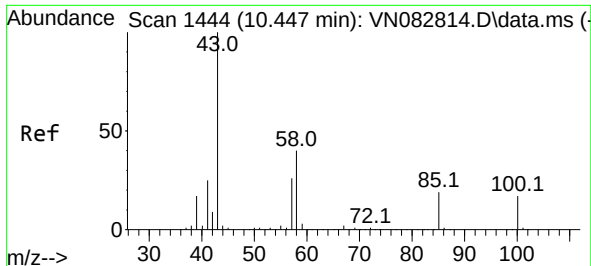
Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 50.391 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

Tgt Ion: 98 Resp: 156080
Ion Ratio Lower Upper
98 100
100 61.5 51.5 77.3

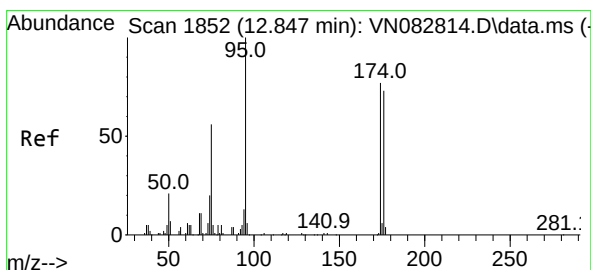
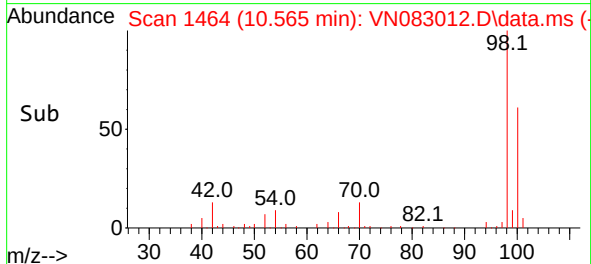
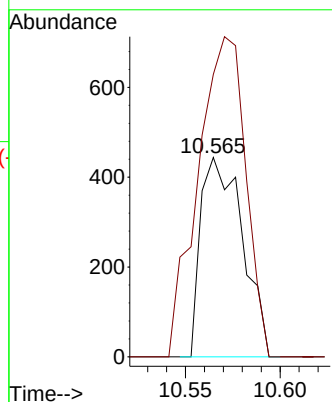
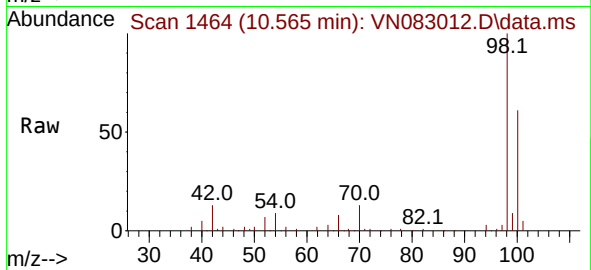




#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

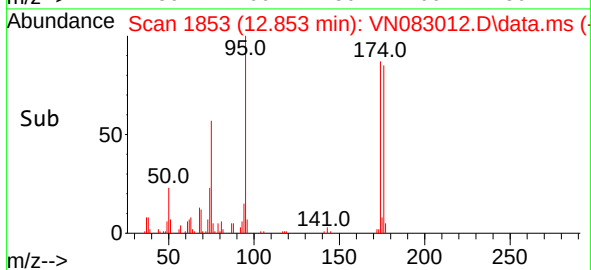
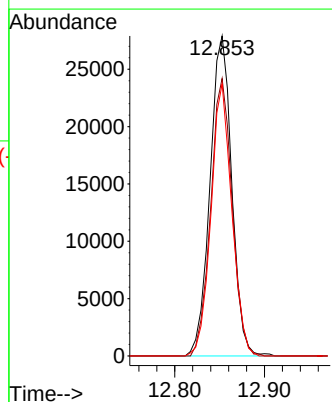
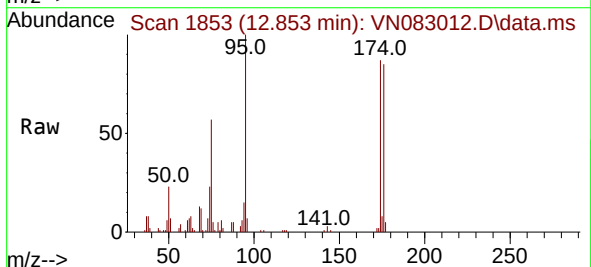
Instrument :
MSVOA_N
ClientSampleId :

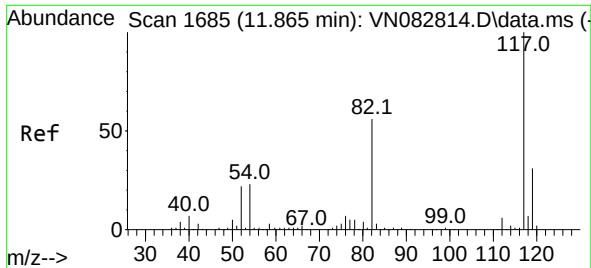
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
58 183.8 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 42.237 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

Tgt Ion: 95 Resp: 46993
Ion Ratio Lower Upper
95 100
174 85.4 0.0 159.2
176 81.1 0.0 147.6

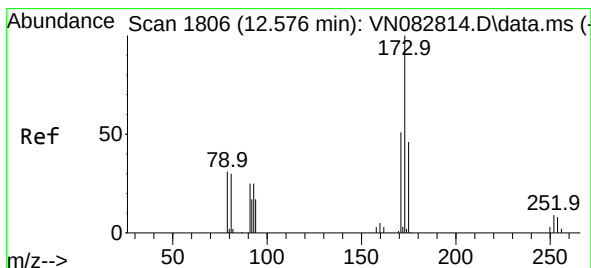
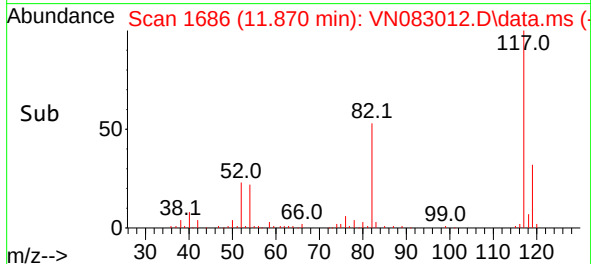
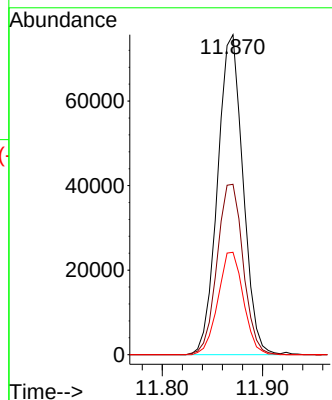
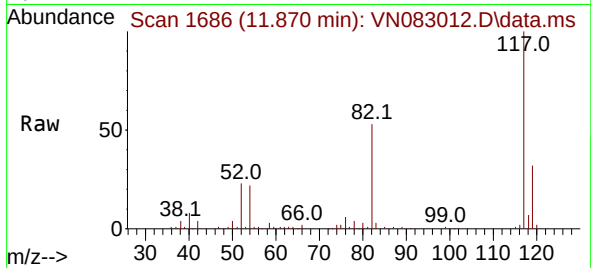




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

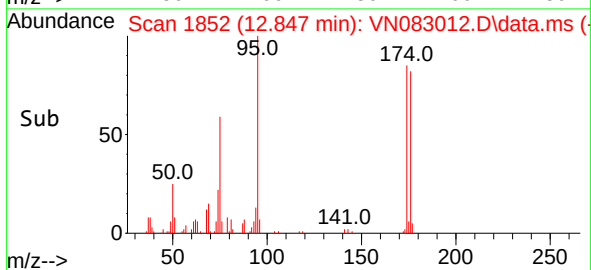
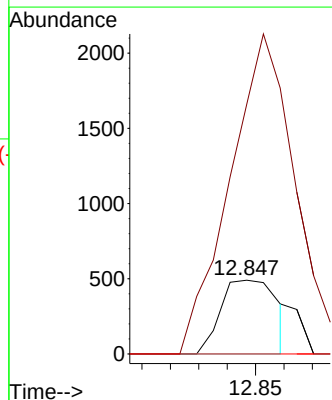
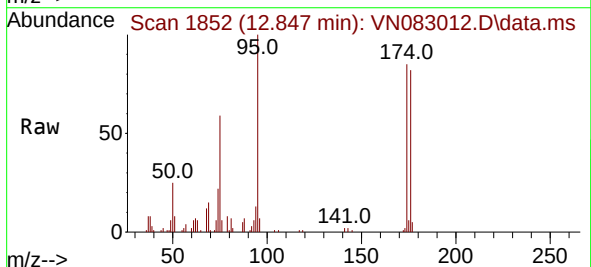
Instrument :
MSVOA_N
ClientSampleId :

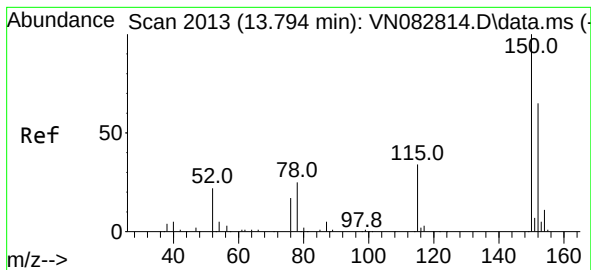
Tgt Ion:117 Resp: 132778
Ion Ratio Lower Upper
117 100
82 53.3 47.5 71.3
119 32.0 25.6 38.4



#71
Bromoform
Concen: 0.856 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN083012.D
Acq: 23 Jul 2024 15:07

Tgt Ion:173 Resp: 681
Ion Ratio Lower Upper
173 100
175 401.2 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: VN083012.D

Acq: 23 Jul 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

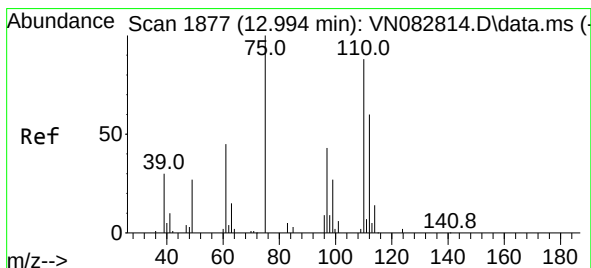
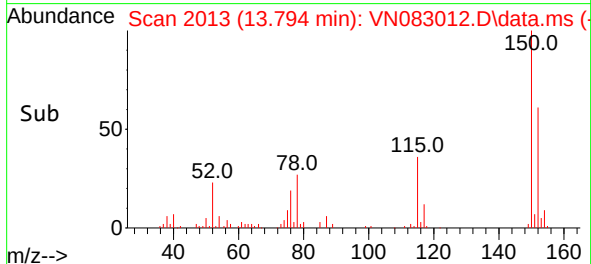
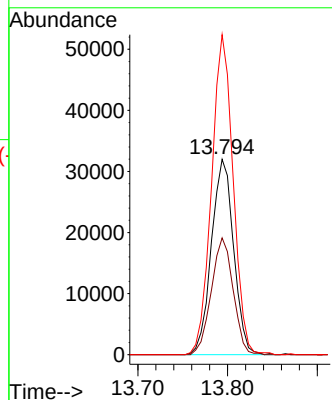
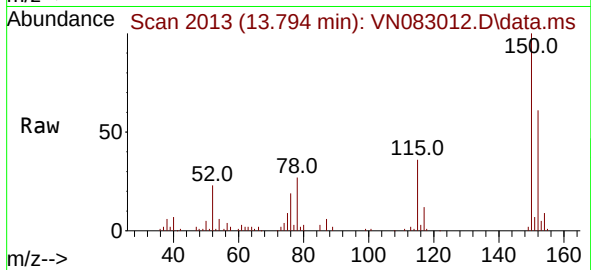
Tgt Ion:152 Resp: 54995

Ion Ratio Lower Upper

152 100

115 58.7 30.6 91.6

150 158.7 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 28.971 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083012.D

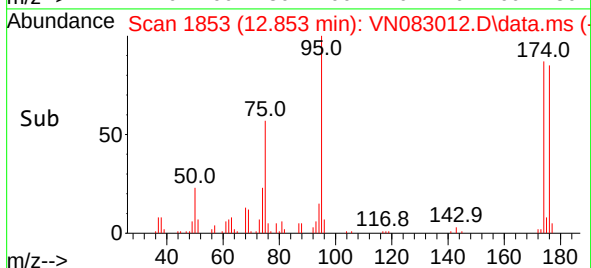
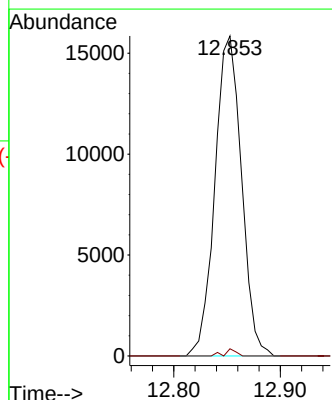
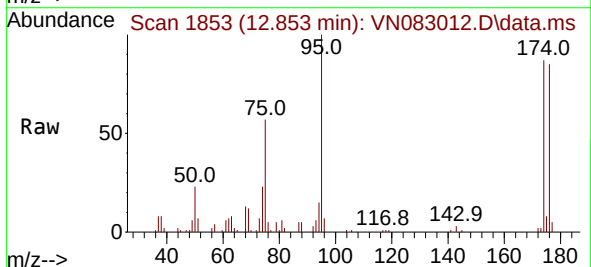
Acq: 23 Jul 2024 15:07

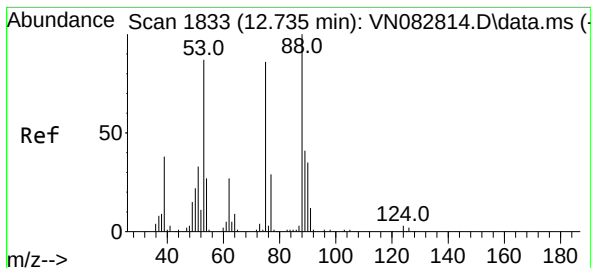
Tgt Ion: 75 Resp: 27469

Ion Ratio Lower Upper

75 100

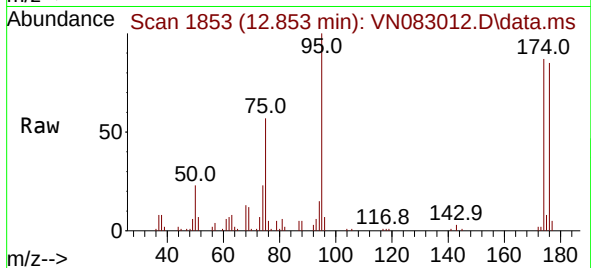
77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.978 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083012.D
 Acq: 23 Jul 2024 15:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 27469
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

