

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083058.D
 Acq On : 26 Jul 2024 17:49
 Operator : JC\MD
 Sample : P3383-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:10:56 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)

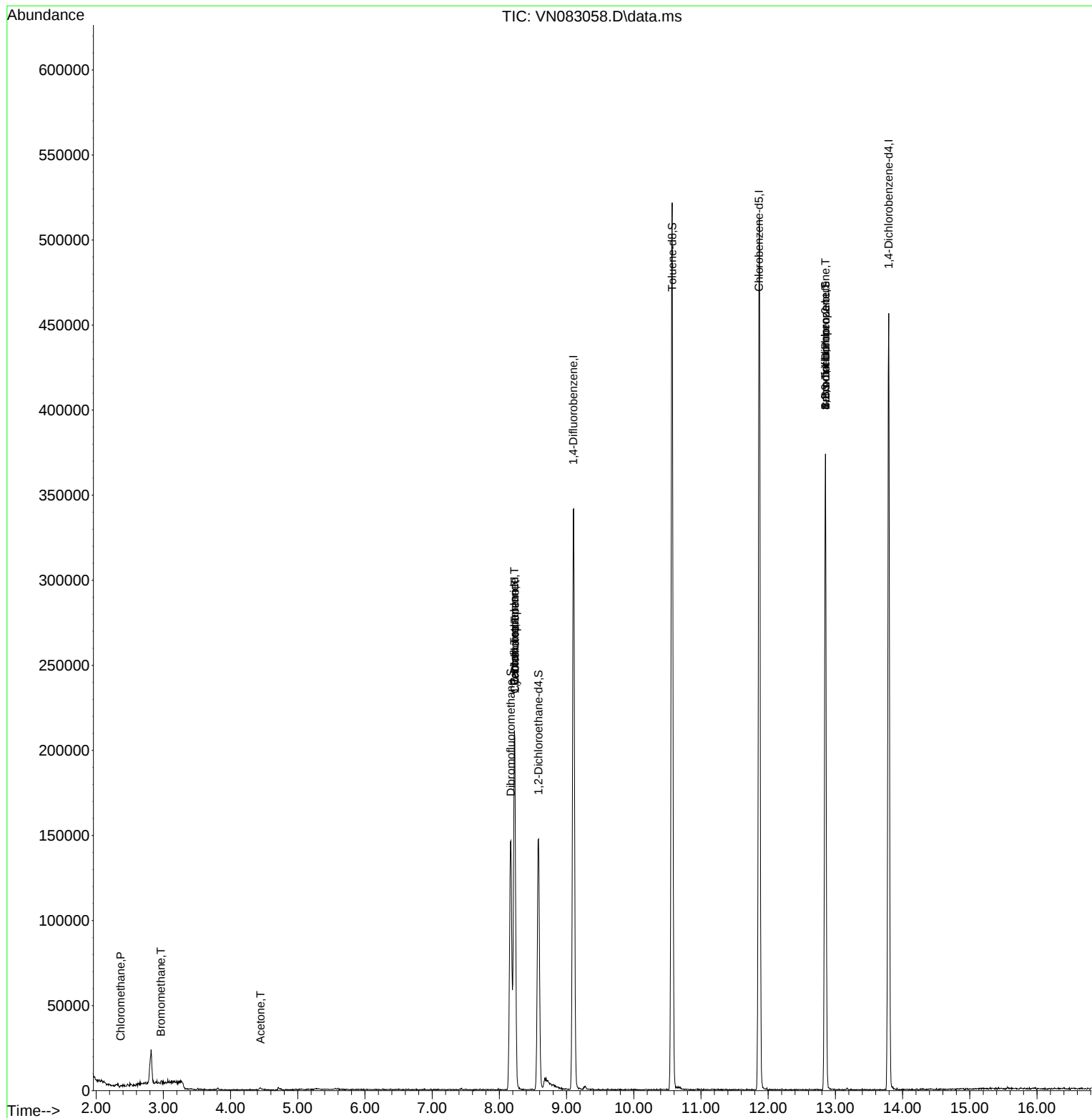
Internal Standards						
1) Pentafluorobenzene	8.224	168	144878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121447	59.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.600%	
35) Dibromofluoromethane	8.171	113	101824	54.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.480%	
50) Toluene-d8	10.570	98	347589	50.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.853	95	114254	46.300	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	633	0.356	ug/l	91
5) Bromomethane	2.965	94	507	0.376	ug/l #	67
16) Acetone	4.447	43	2094	2.929	ug/l #	81
31) Cyclohexane	8.229	56	4097	1.543	ug/l #	19
36) 1,1-Dichloropropene	8.229	75	12996	5.068	ug/l #	53
38) Carbon Tetrachloride	8.224	117	16094	5.212	ug/l #	17
43) Isopropyl Acetate	8.694	43	6676	Below Cal	#	60
71) Bromoform	12.853	173	1326	0.757	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65780	32.350	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65780	63.623	ug/l #	6

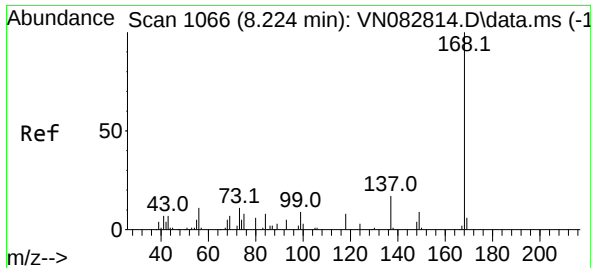
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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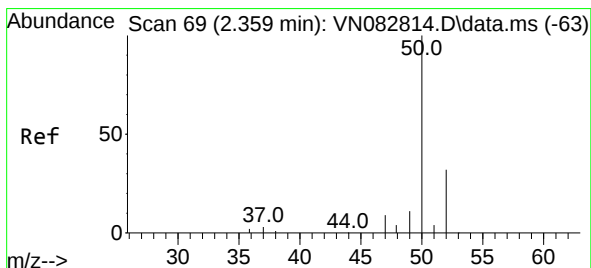
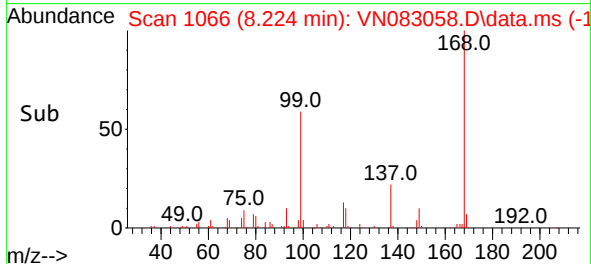
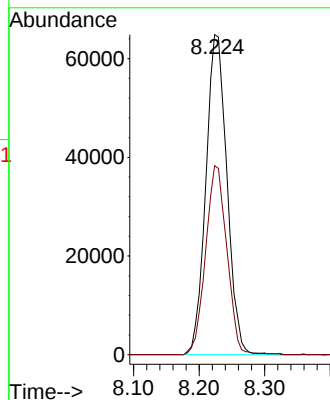
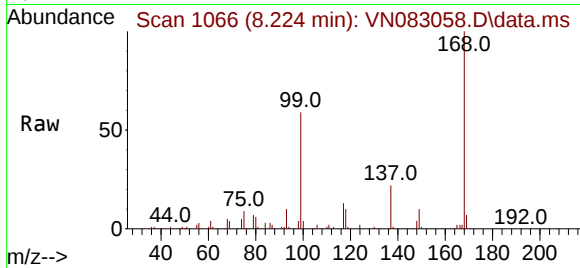




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

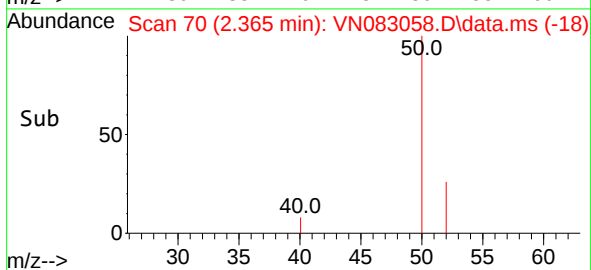
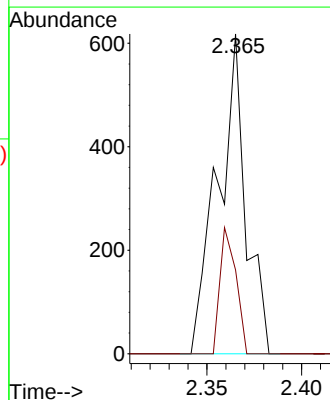
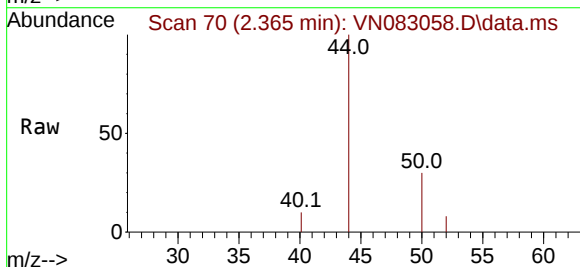
Instrument :
MSVOA_N
ClientSampleId :

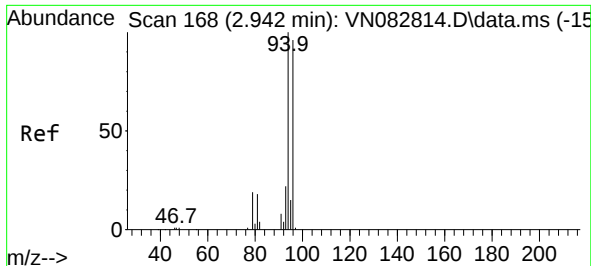
Tgt Ion:168 Resp: 144878
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#3
Chloromethane
Concen: 0.356 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

Tgt Ion: 50 Resp: 633
Ion Ratio Lower Upper
50 100
52 26.2 25.0 37.4

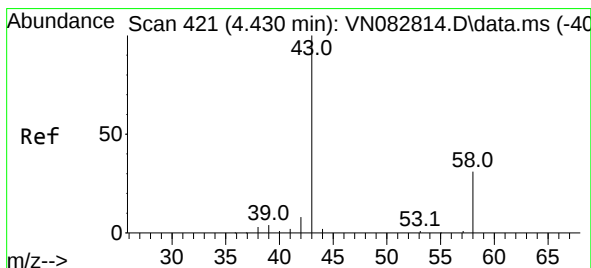
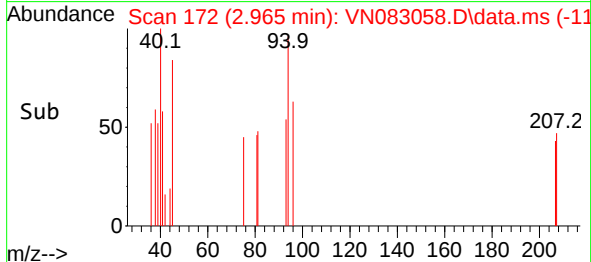
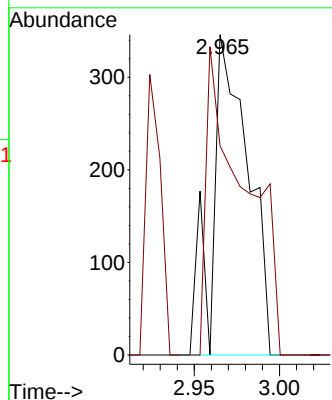
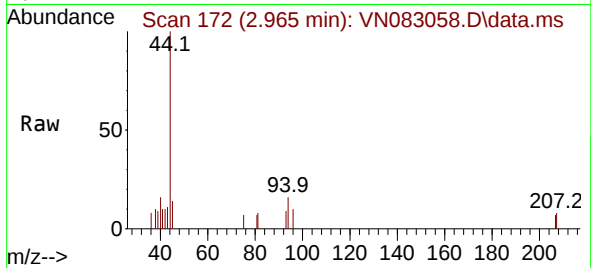




#5
Bromomethane
Concen: 0.376 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

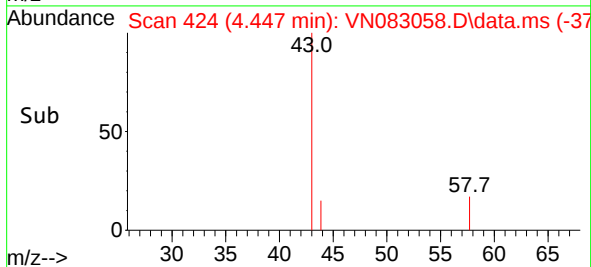
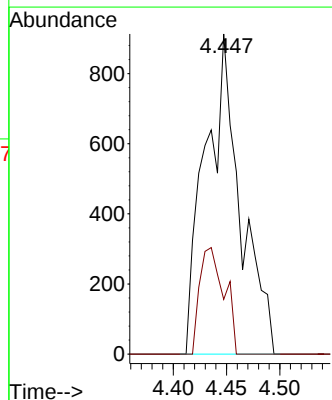
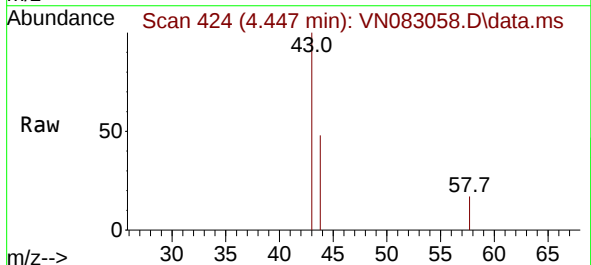
Instrument :
MSVOA_N
ClientSampleId :

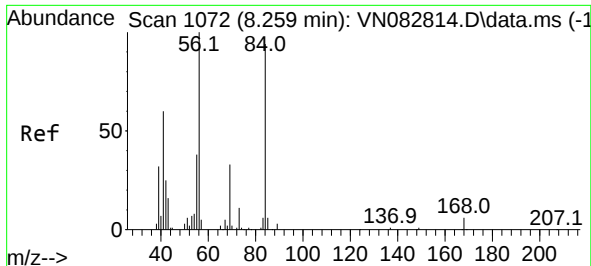
Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 65.3 78.0 117.0#



#16
Acetone
Concen: 2.929 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

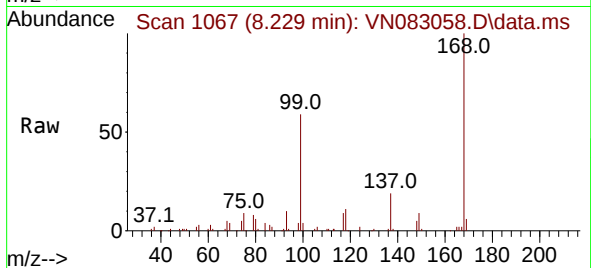
Tgt Ion: 43 Resp: 2094
Ion Ratio Lower Upper
43 100
58 17.1 21.8 32.6#



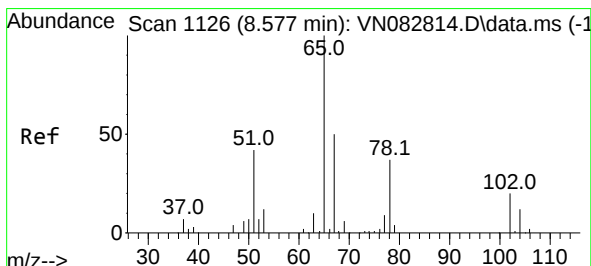
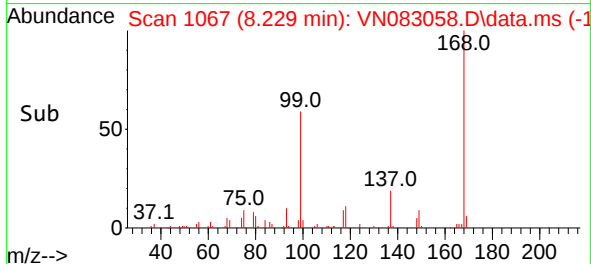
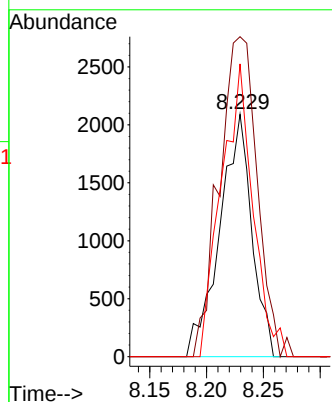


#31
Cyclohexane
Concen: 1.543 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

Instrument :
MSVOA_N
ClientSampleId :

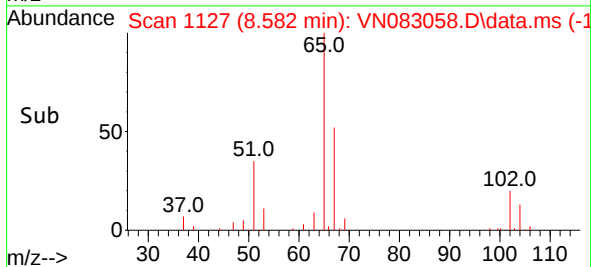
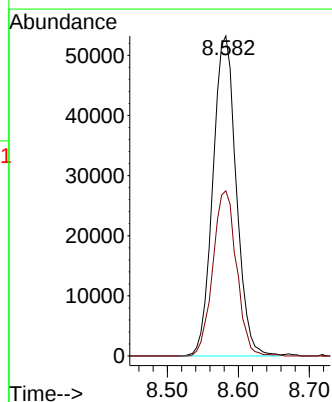
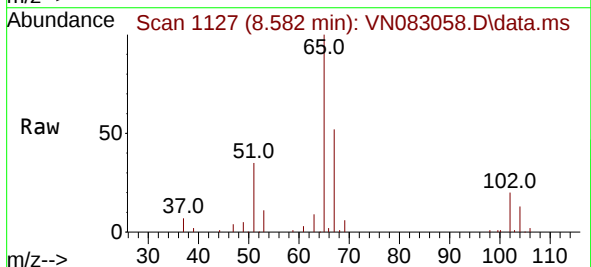


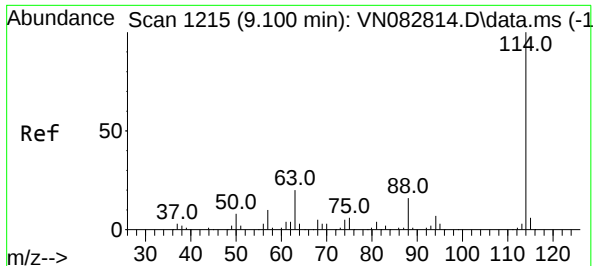
Tgt Ion: 56 Resp: 4097
Ion Ratio Lower Upper
56 100
69 132.0 24.5 36.7#
84 120.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.800 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

Tgt Ion: 65 Resp: 121447
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4

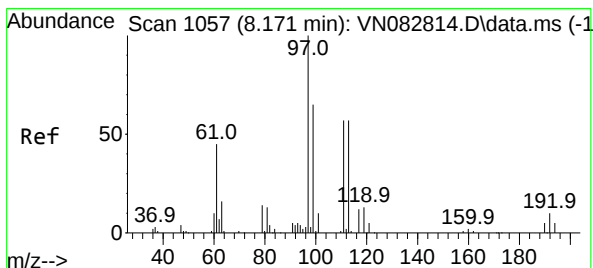
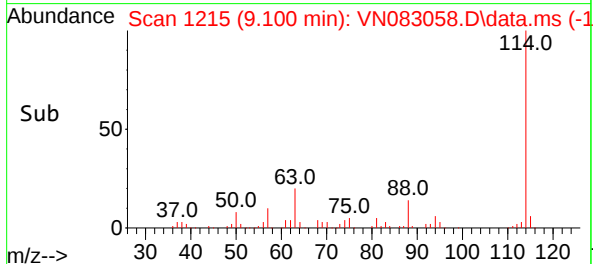
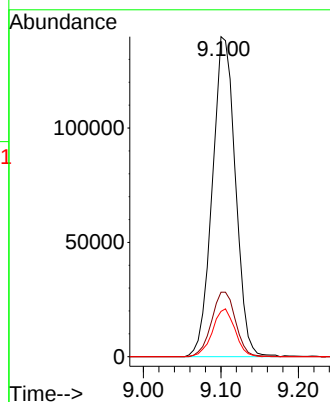
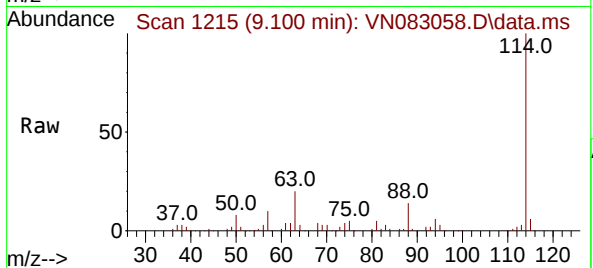




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

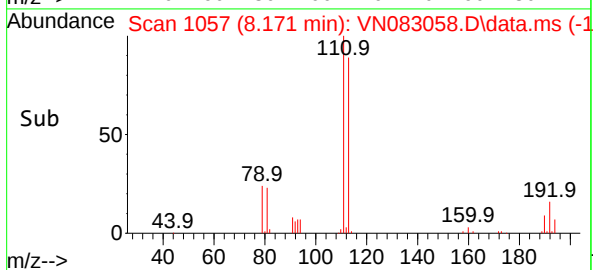
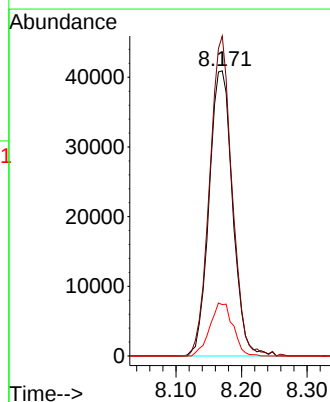
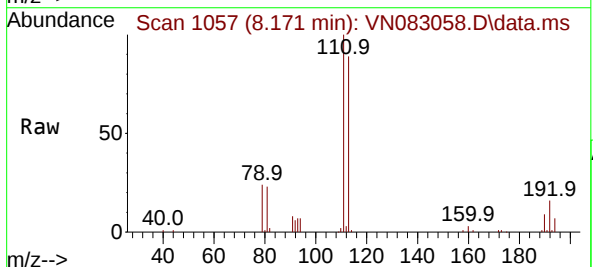
Instrument :
MSVOA_N
ClientSampleId :

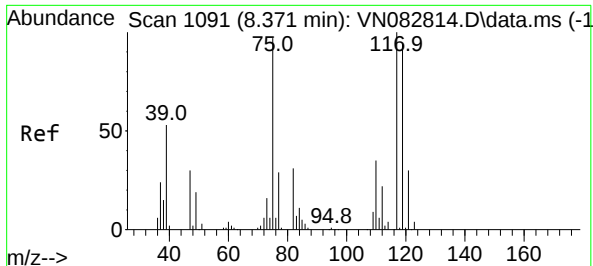
Tgt Ion:114 Resp: 289862
Ion Ratio Lower Upper
114 100
63 20.1 0.0 44.6
88 14.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.745 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

Tgt Ion:113 Resp: 101824
Ion Ratio Lower Upper
113 100
111 107.1 82.4 123.6
192 18.3 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.068 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN083058.D

Acq: 26 Jul 2024 17:49

Instrument :

MSVOA_N

ClientSampleId :

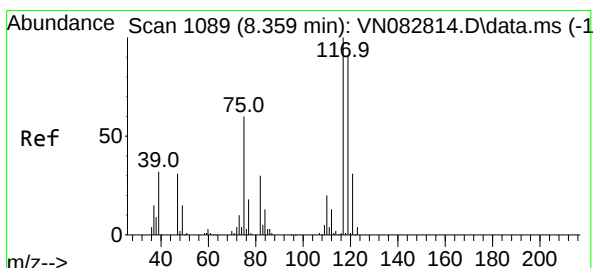
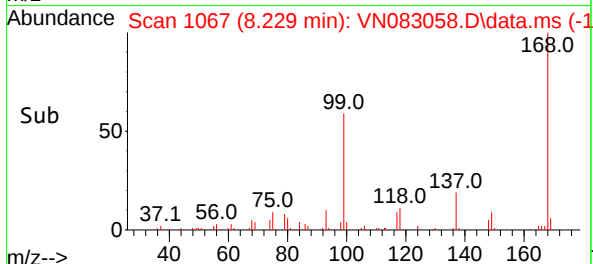
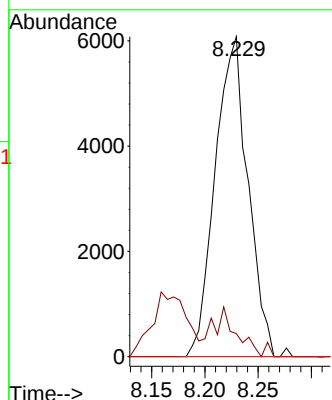
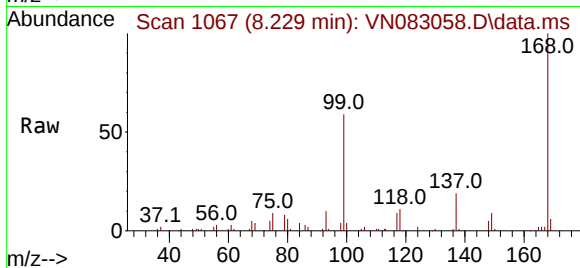
Tgt Ion: 75 Resp: 12996

Ion Ratio Lower Upper

75 100

110 11.3 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.212 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN083058.D

Acq: 26 Jul 2024 17:49

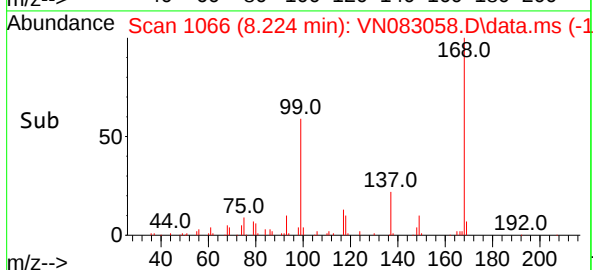
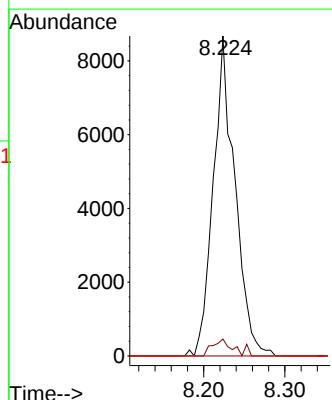
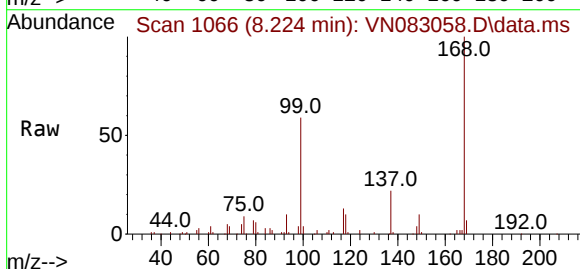
Tgt Ion: 117 Resp: 16094

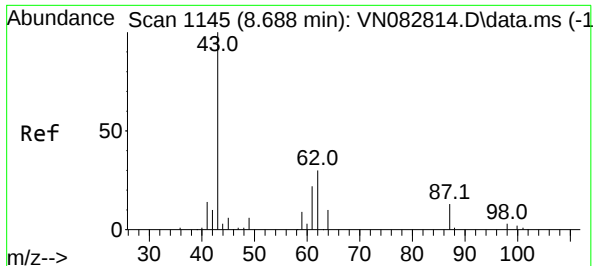
Ion Ratio Lower Upper

117 100

119 5.3 74.9 112.3#

121 0.0 24.3 36.5#

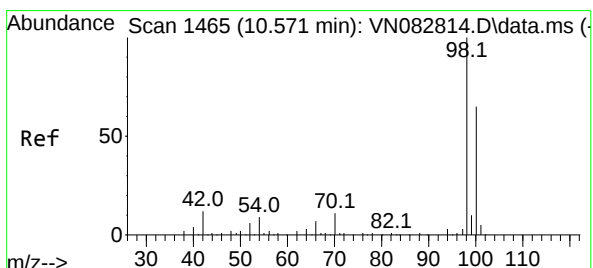
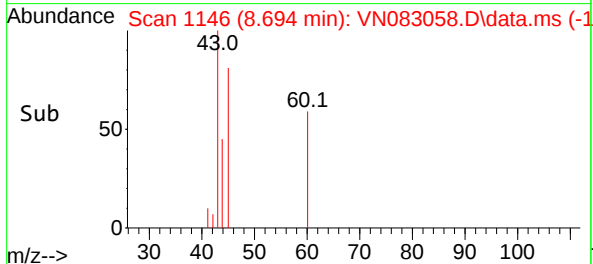
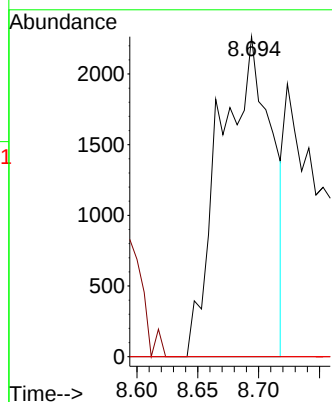
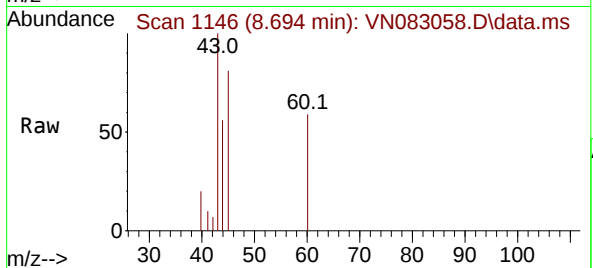




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.694 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

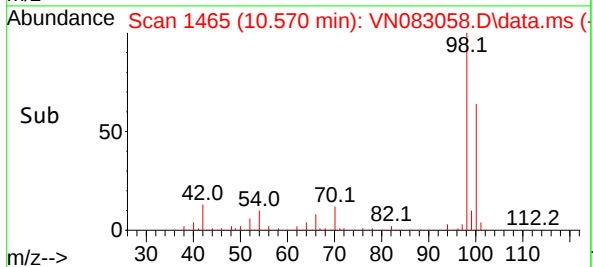
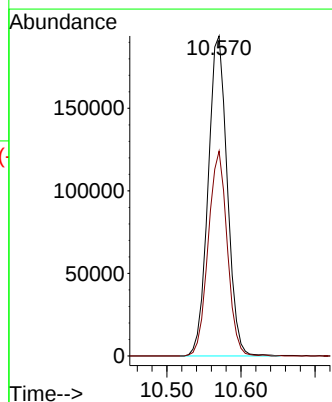
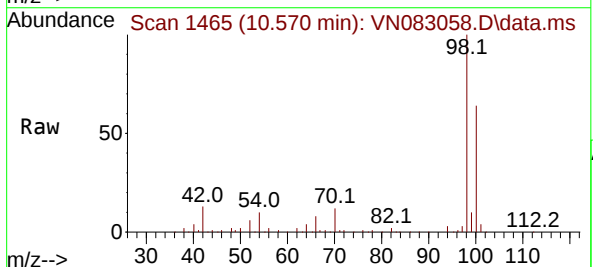
Instrument :
MSVOA_N
ClientSampleId :

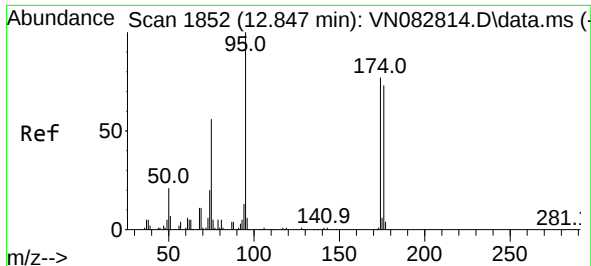
Tgt Ion: 43 Resp: 6676
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 50.597 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

Tgt Ion: 98 Resp: 347589
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

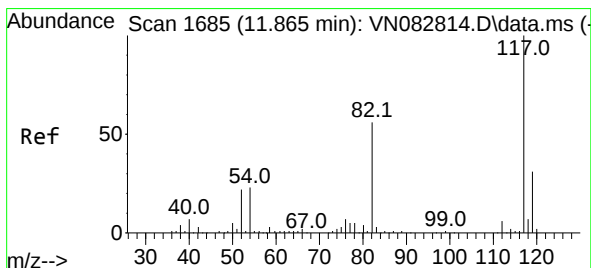
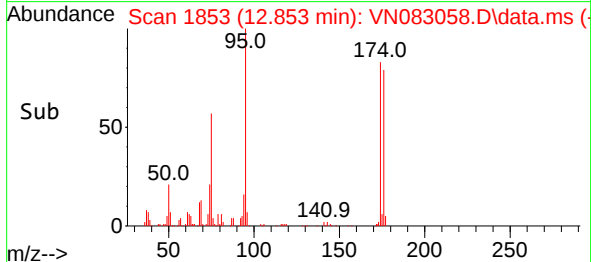
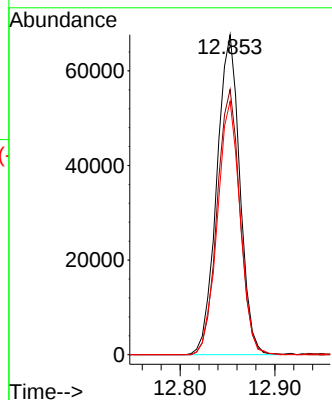
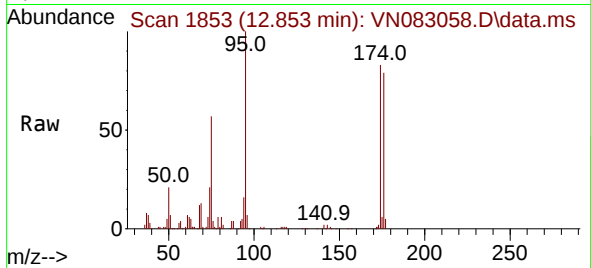




#62
4-Bromofluorobenzene
Concen: 46.300 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

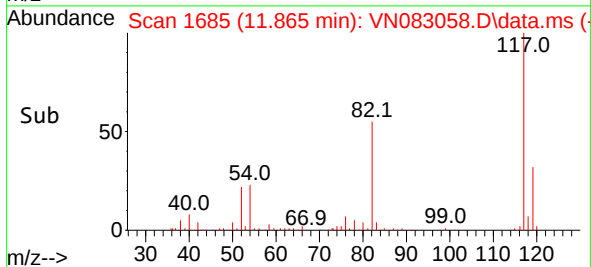
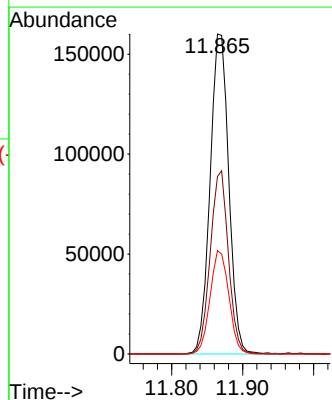
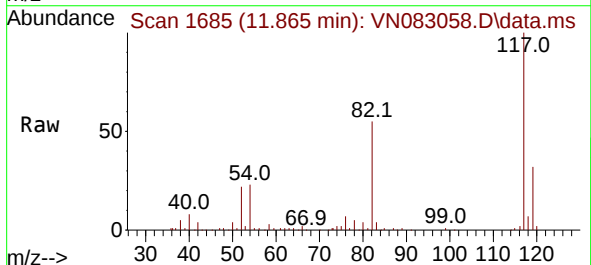
Instrument :
MSVOA_N
ClientSampleId :

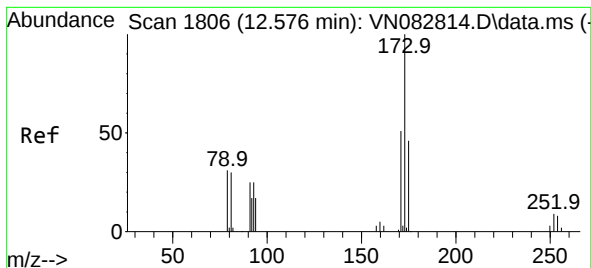
Tgt Ion: 95 Resp: 114254
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.2
176 78.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

Tgt Ion: 117 Resp: 292343
Ion Ratio Lower Upper
117 100
82 55.5 47.5 71.3
119 32.3 25.6 38.4





#71

Bromoform

Concen: 0.757 ug/l

RT: 12.853 min Scan# 1806

Delta R.T. 0.271 min

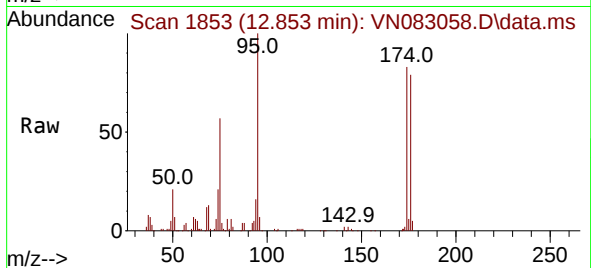
Lab File: VN083058.D

Acq: 26 Jul 2024 17:49

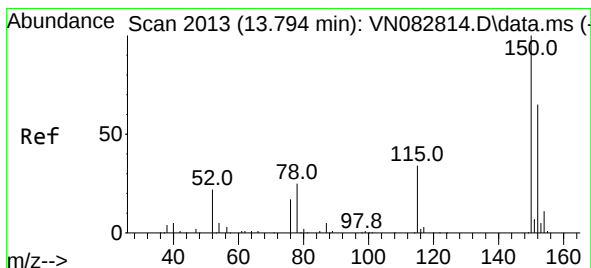
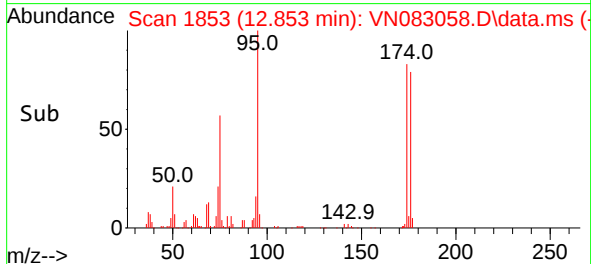
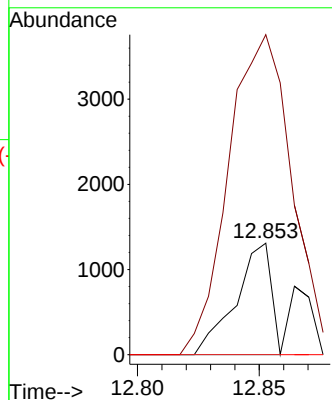
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	1326
Ion Ratio	Lower	Upper	
173	100		
175	428.1	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

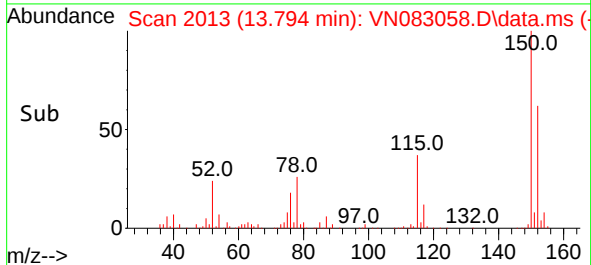
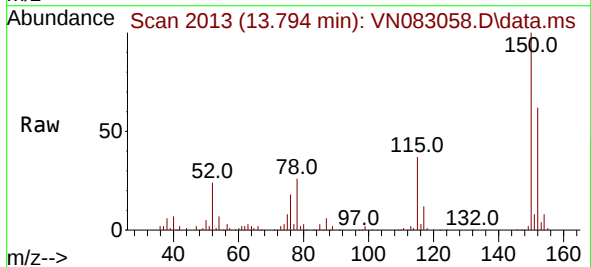
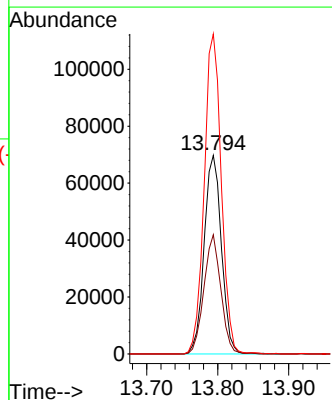
RT: 13.794 min Scan# 2013

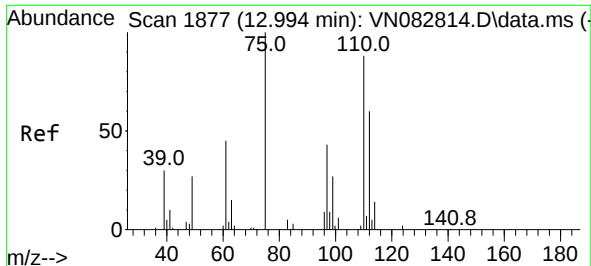
Delta R.T. -0.000 min

Lab File: VN083058.D

Acq: 26 Jul 2024 17:49

Tgt Ion:	152	Resp:	117942
Ion Ratio	Lower	Upper	
152	100		
115	58.9	30.6	91.6
150	159.5	0.0	348.6

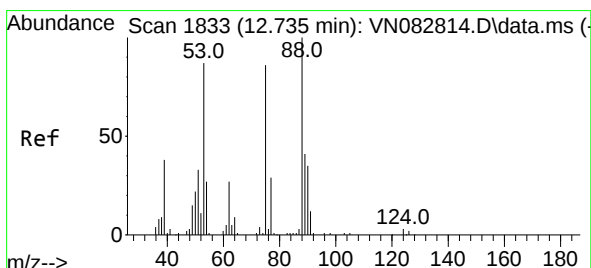
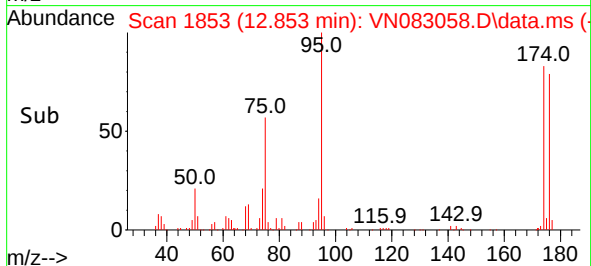
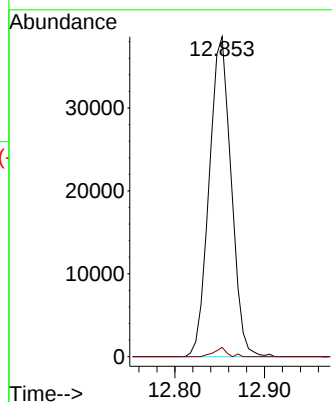
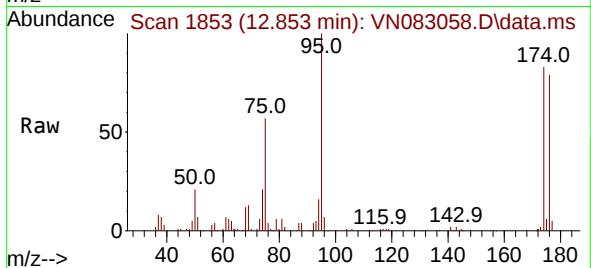




#76
1,2,3-Trichloropropane
Concen: 32.350 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65780
Ion Ratio Lower Upper
75 100
77 1.7 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.623 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083058.D
Acq: 26 Jul 2024 17:49

Tgt Ion: 75 Resp: 65780
Ion Ratio Lower Upper
75 100
53 0.3 88.4 132.6#
89 0.0 36.3 54.5#

