

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081958.D
 Acq On : 01 May 2024 15:51
 Operator : JC\MD
 Sample : P2306-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 02 01:42:38 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)

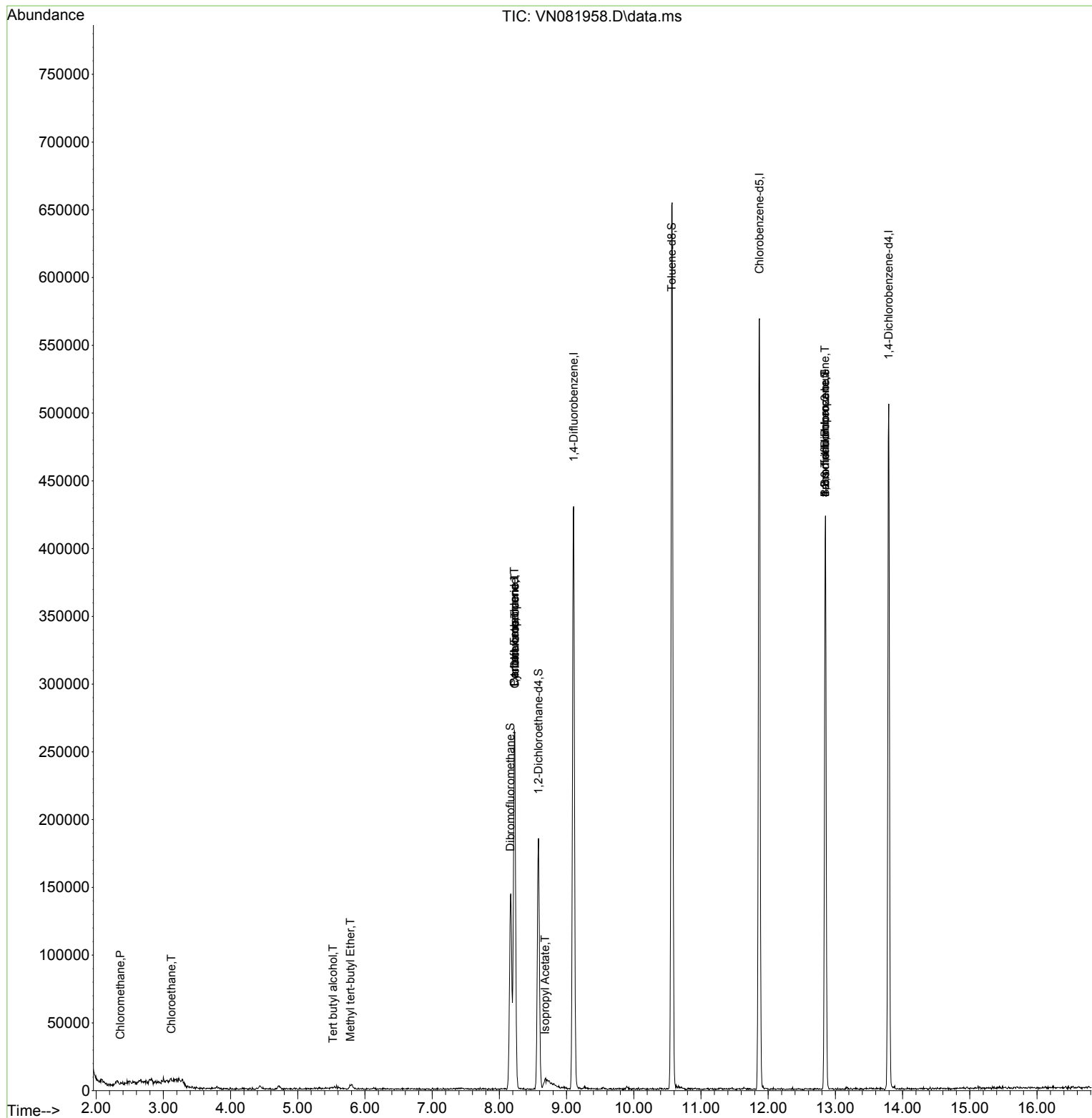
Internal Standards						
1) Pentafluorobenzene	8.224	168	183972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	367711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	322824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143203	46.121	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.240%
35) Dibromofluoromethane	8.165	113	106361	48.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	10.565	98	448963	51.634	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.847	95	153696	44.715	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	705	0.262	ug/l #	43
5) Bromomethane	2.965	94	263	Below Cal	#	3
6) Chloroethane	3.118	64	331	0.269	ug/l #	44
11) Tert butyl alcohol	5.524	59	172	0.305	ug/l #	71
13) Acrolein	4.259	56	55	Below Cal	#	1
16) Acetone	4.441	43	4195	Below Cal		100
19) Methyl tert-butyl Ether	5.783	73	2745	0.326	ug/l #	58
31) Cyclohexane	8.229	56	5798	1.240	ug/l #	17
36) 1,1-Dichloropropene	8.229	75	17943	4.982	ug/l #	49
38) Carbon Tetrachloride	8.224	117	20848	5.922	ug/l #	16
43) Isopropyl Acetate	8.682	43	4658	0.636	ug/l #	58
71) Bromoform	12.847	173	452	0.251	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	81496	24.893	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81496	51.009	ug/l #	12

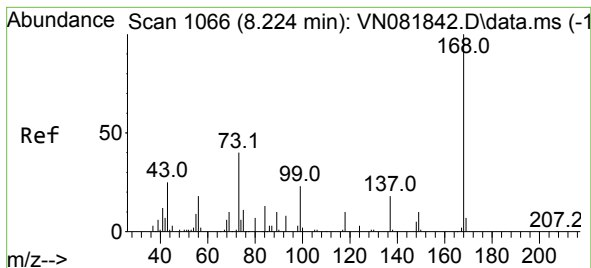
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081958.D

Acq: 01 May 2024 15:51

Instrument :

MSVOA_N

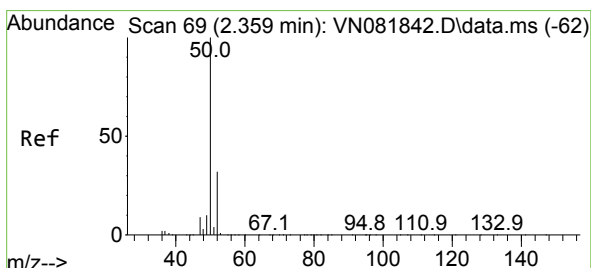
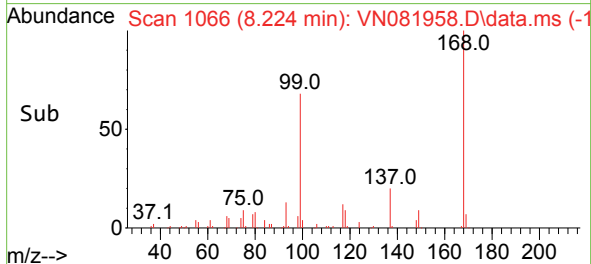
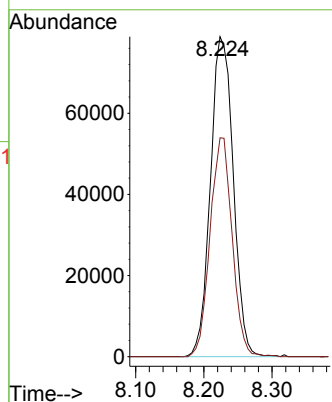
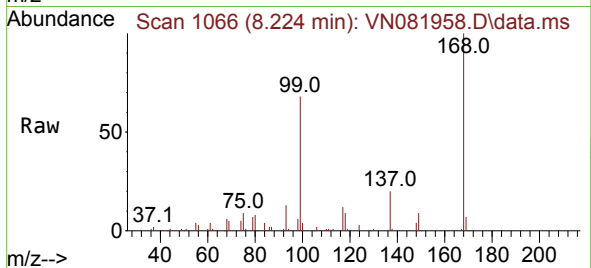
ClientSampleId :

Tgt Ion:168 Resp: 183972

Ion Ratio Lower Upper

168 100

99 68.4 48.2 72.4



#3

Chloromethane

Concen: 0.262 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN081958.D

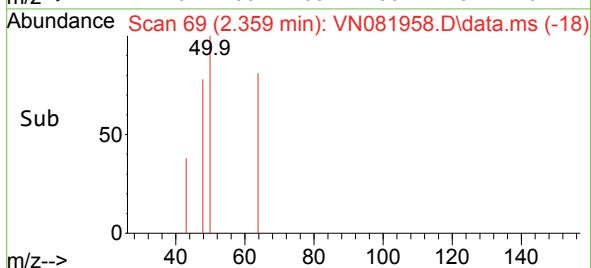
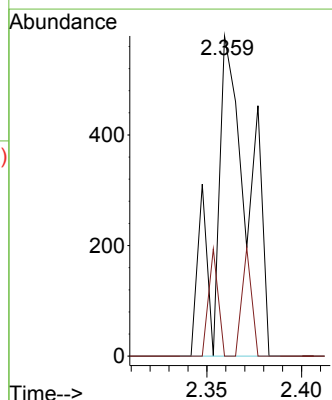
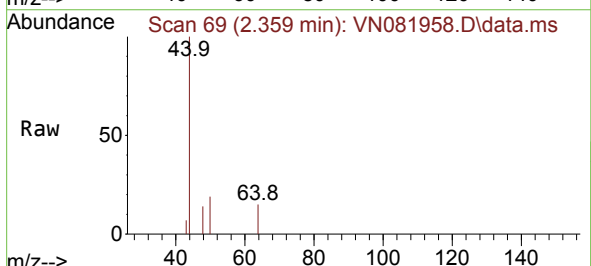
Acq: 01 May 2024 15:51

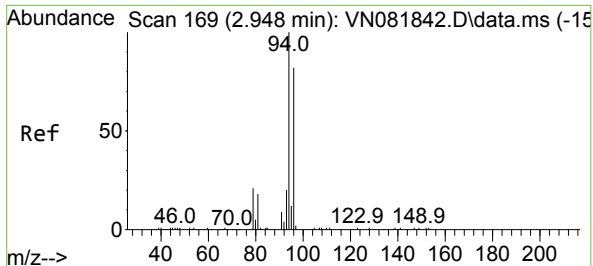
Tgt Ion: 50 Resp: 705

Ion Ratio Lower Upper

50 100

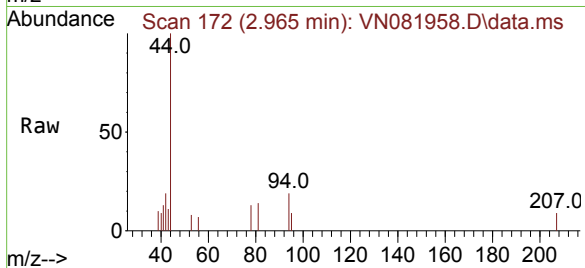
52 0.0 25.5 38.3#



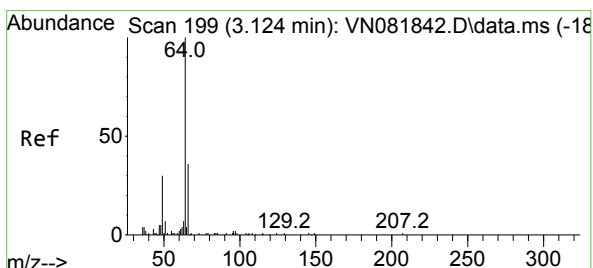
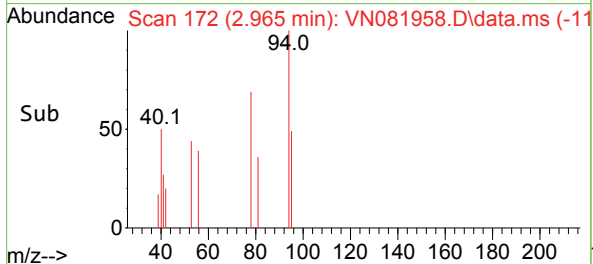
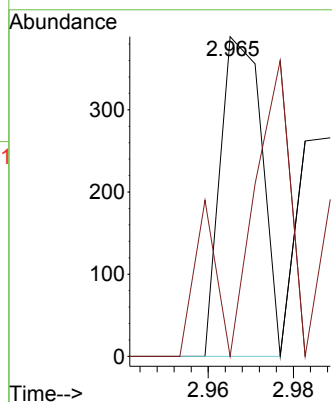


#5
Bromomethane
Concen: Below Cal
RT: 2.965 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Instrument :
MSVOA_N
ClientSampleId :

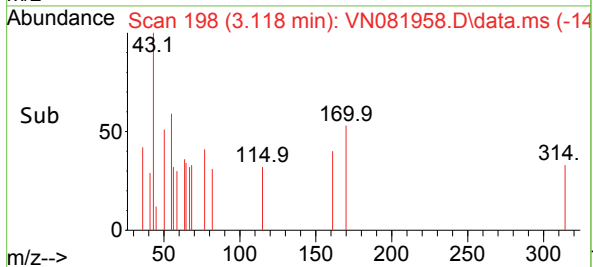
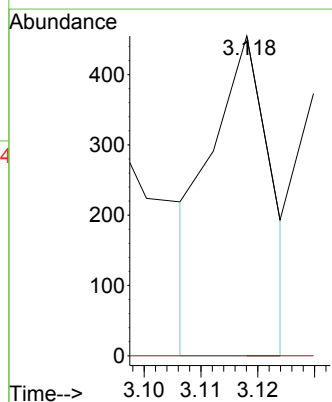
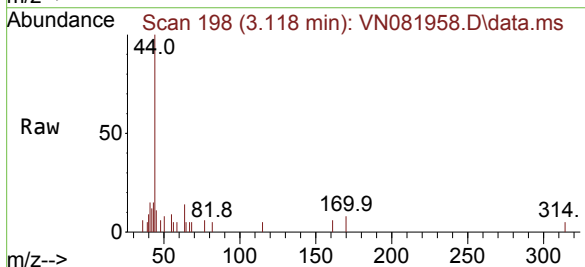


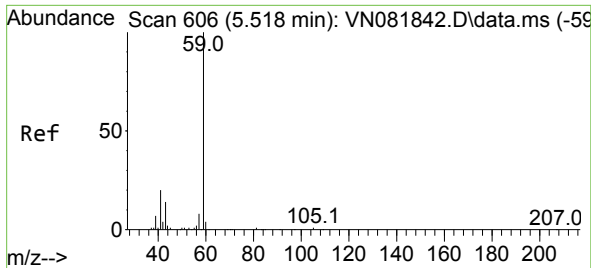
Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#6
Chloroethane
Concen: 0.269 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

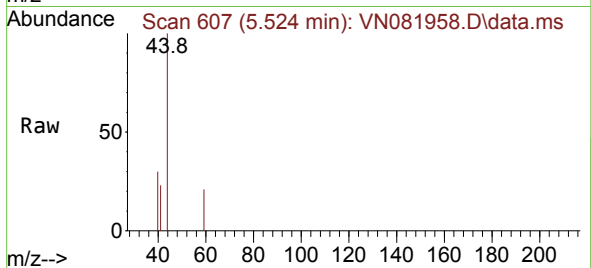
Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



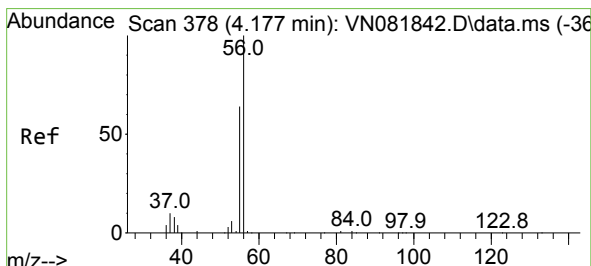
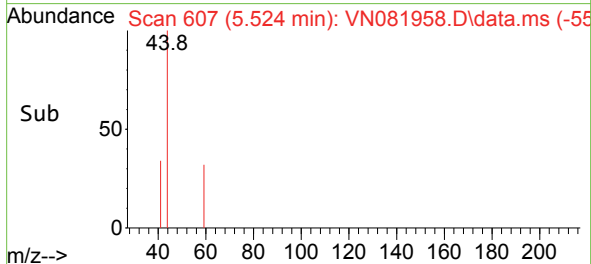
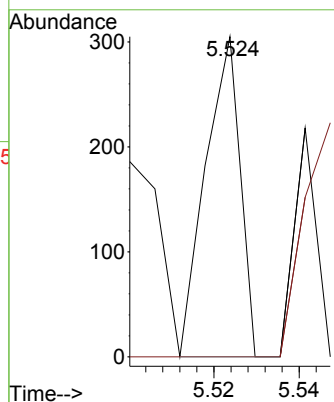


#11
Tert butyl alcohol
Concen: 0.305 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Instrument :
MSVOA_N
ClientSampleId :

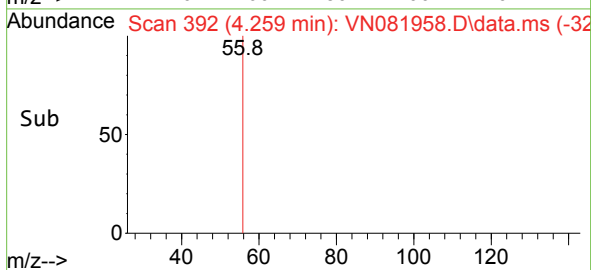
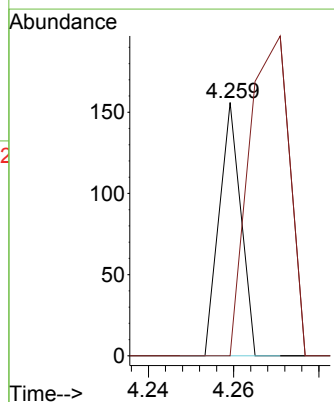
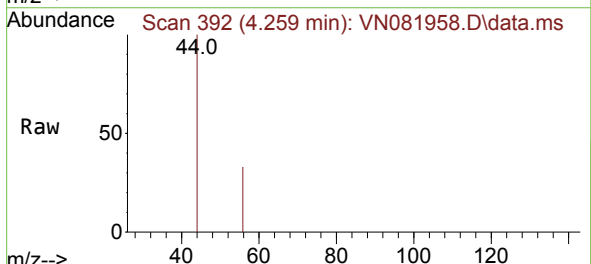


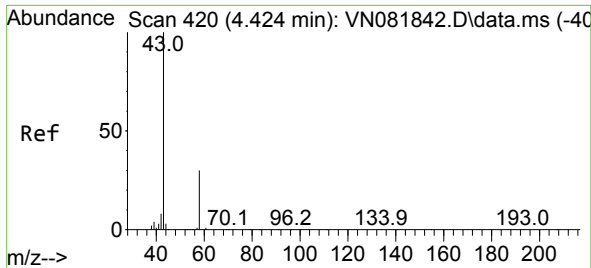
Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 4.259 min Scan# 392
Delta R.T. 0.082 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 234.5 55.8 83.8#

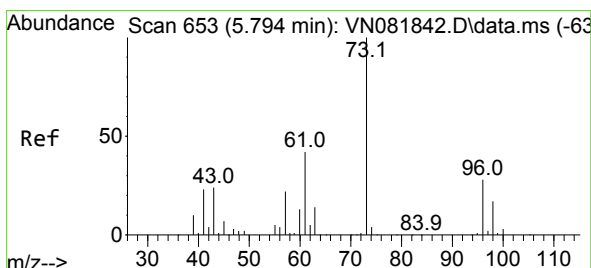
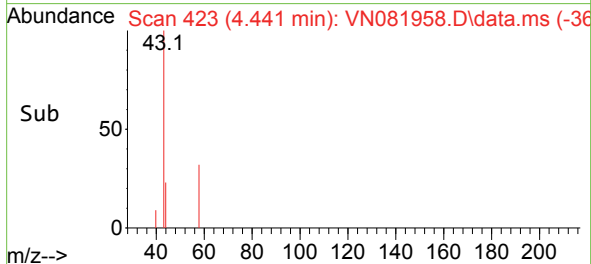
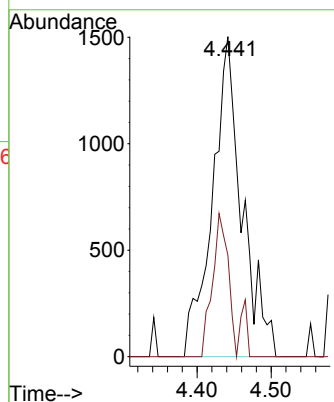
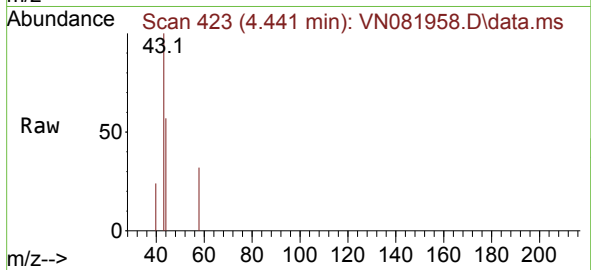




#16
Acetone
Concen: Below Cal
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

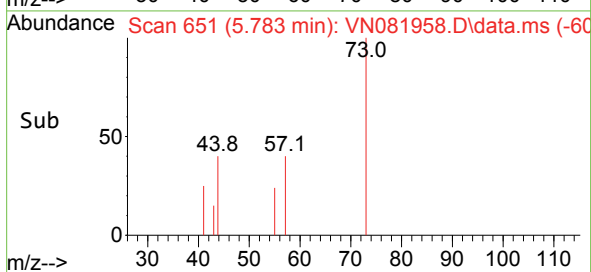
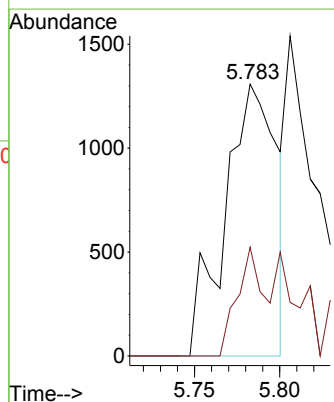
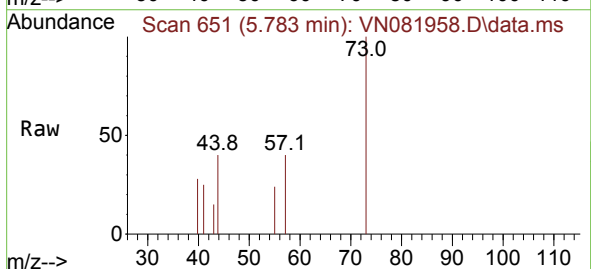
Instrument :
MSVOA_N
ClientSampleId :

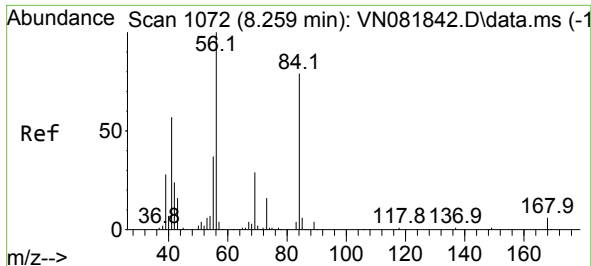
Tgt Ion: 43 Resp: 4195
Ion Ratio Lower Upper
43 100
58 31.7 25.2 37.8



#19
Methyl tert-butyl Ether
Concen: 0.326 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

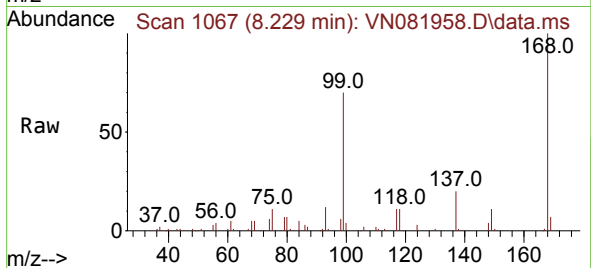
Tgt Ion: 73 Resp: 2745
Ion Ratio Lower Upper
73 100
57 40.0 16.5 24.7#



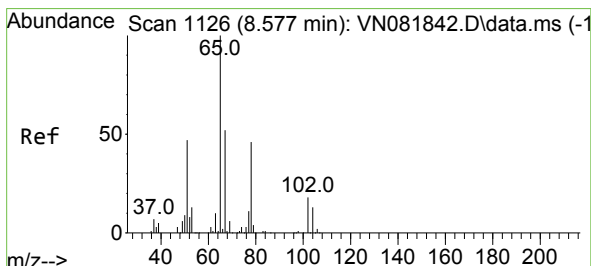
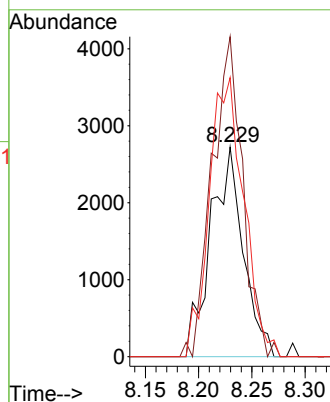
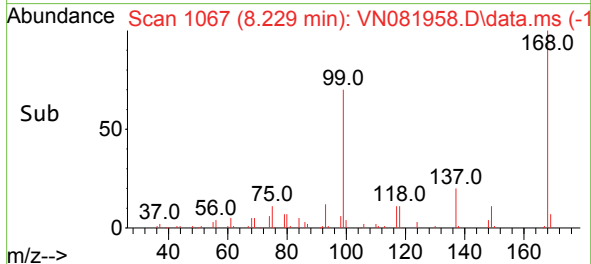


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Instrument :
MSVOA_N
ClientSampleId :

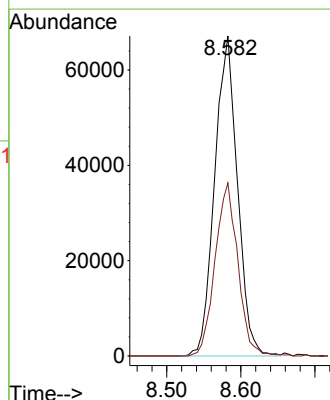
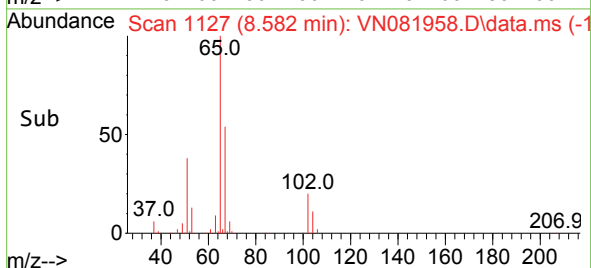
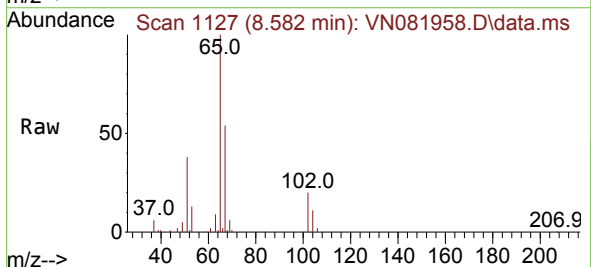


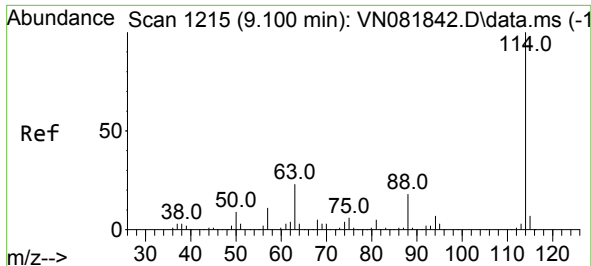
Tgt Ion: 56 Resp: 5798
Ion Ratio Lower Upper
56 100
69 152.7 24.4 36.6#
84 133.1 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 46.121 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Tgt Ion: 65 Resp: 143203
Ion Ratio Lower Upper
65 100
67 54.1 0.0 103.0

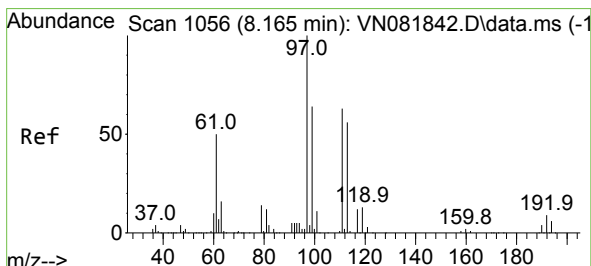
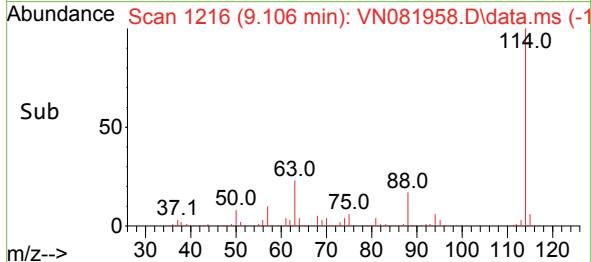
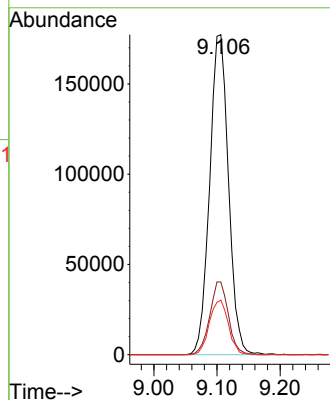
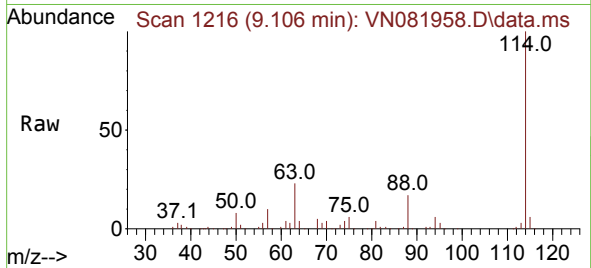




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

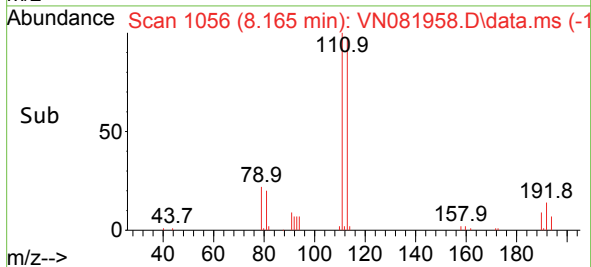
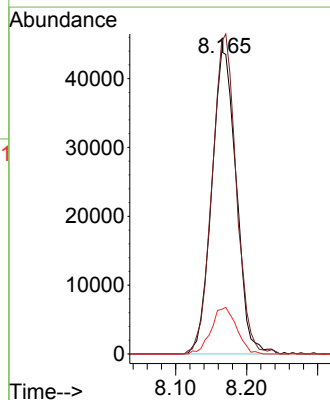
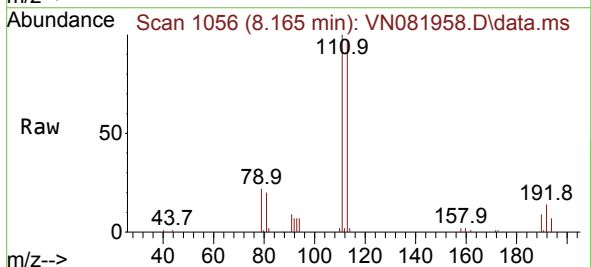
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MSVOA_N
ClientSampleId :

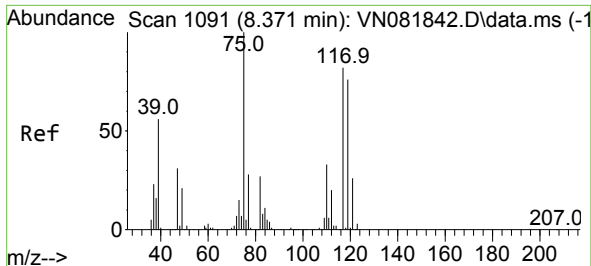
Tgt Ion:114 Resp: 367711
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.0
88 17.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.042 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Tgt Ion:113 Resp: 106361
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.2
192 15.8 14.0 21.0





#36

1,1-Dichloropropene

Concen: 4.982 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

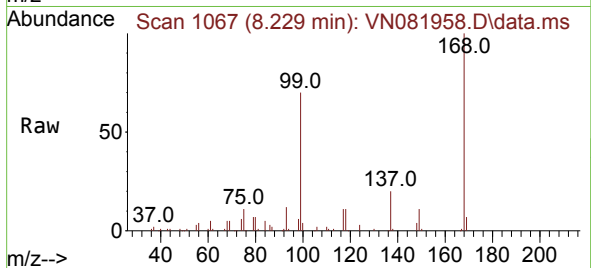
Lab File: VN081958.D

Acq: 01 May 2024 15:51

Instrument :

MSVOA_N

ClientSampleId :



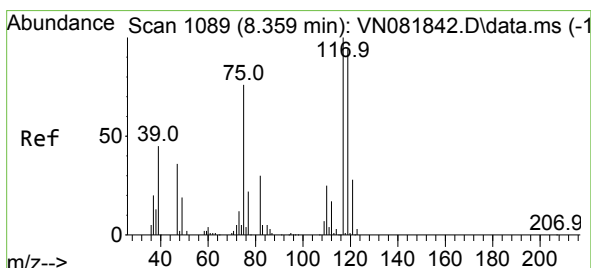
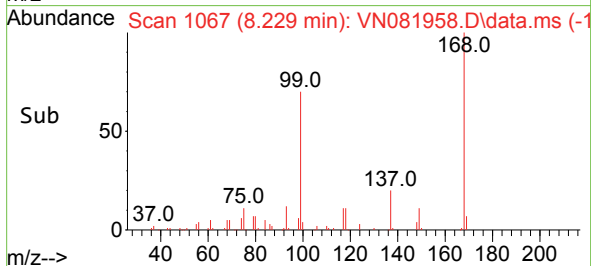
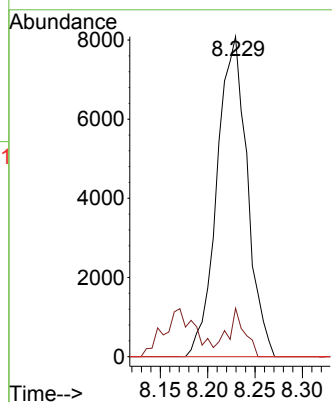
Tgt Ion: 75 Resp: 17943

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.922 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081958.D

Acq: 01 May 2024 15:51

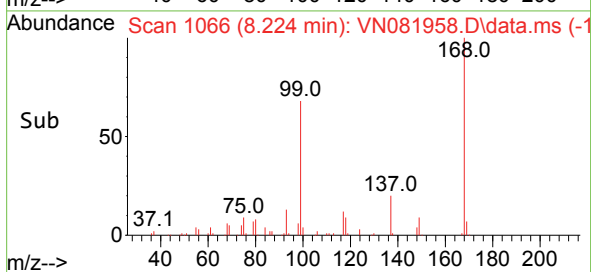
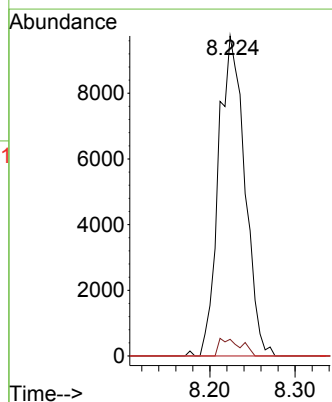
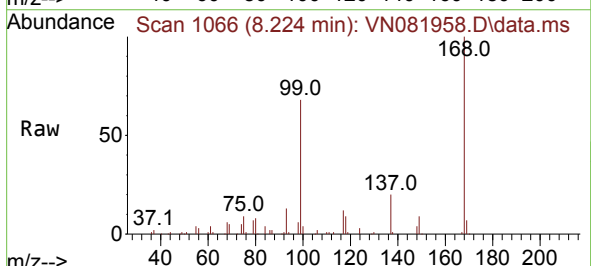
Tgt Ion: 117 Resp: 20848

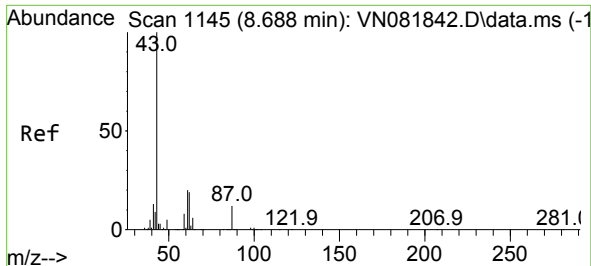
Ion Ratio Lower Upper

117 100

119 5.2 76.5 114.7#

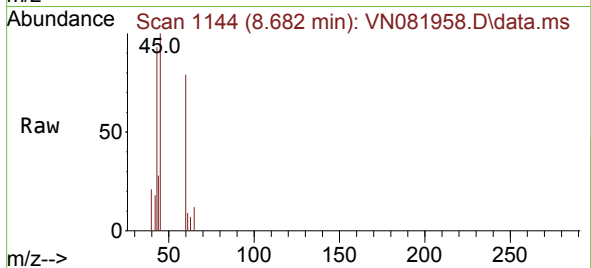
121 0.0 23.9 35.9#



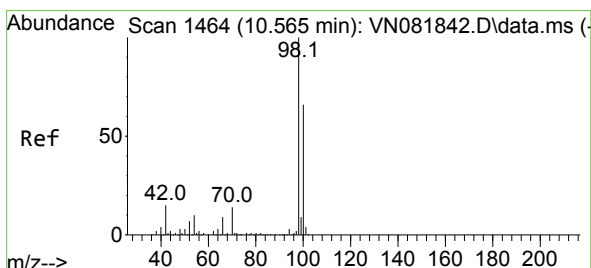
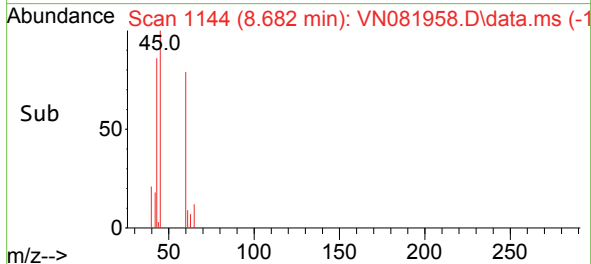
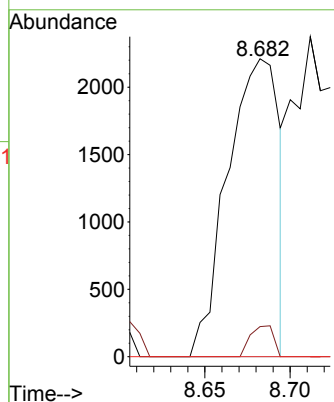


#43
Isopropyl Acetate
Concen: 0.636 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Instrument :
MSVOA_N
ClientSampleId :

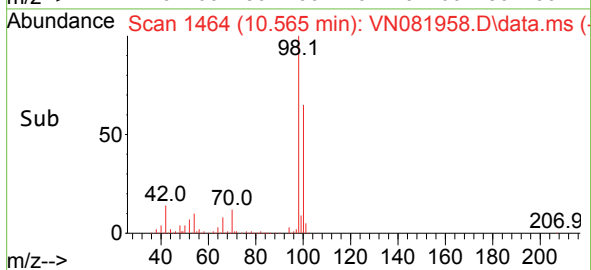
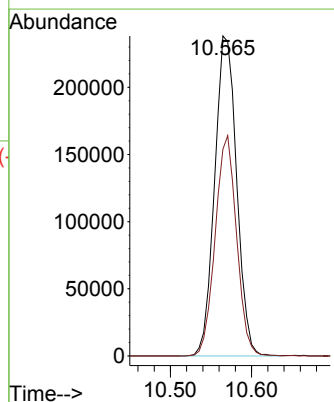
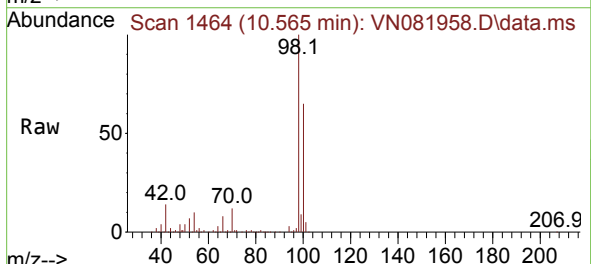


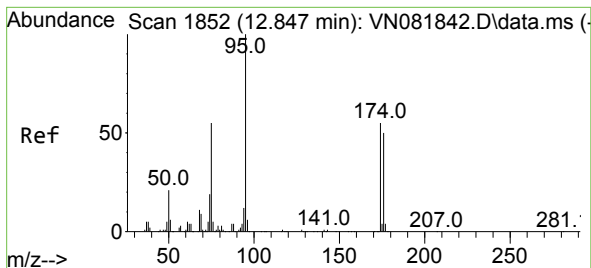
Tgt Ion: 43 Resp: 4658
Ion Ratio Lower Upper
43 100
61 4.7 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.634 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Tgt Ion: 98 Resp: 448963
Ion Ratio Lower Upper
98 100
100 67.0 51.8 77.6

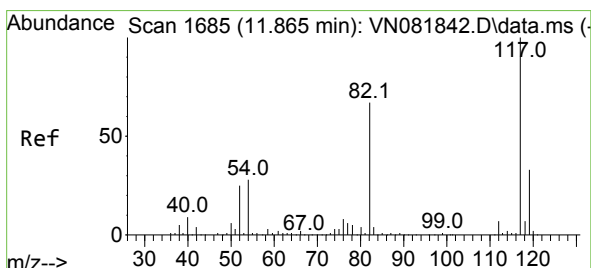
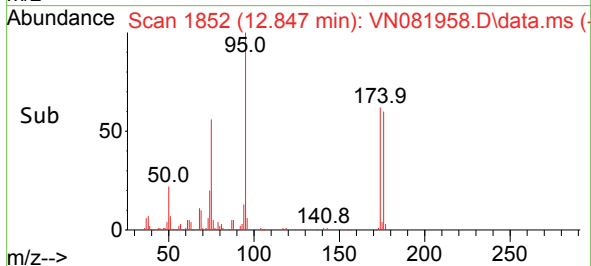
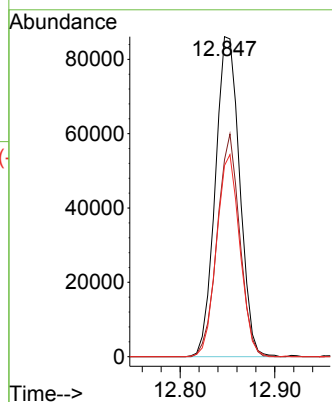
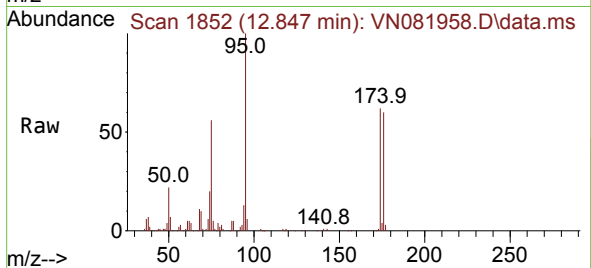




#62
4-Bromofluorobenzene
Concen: 44.715 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

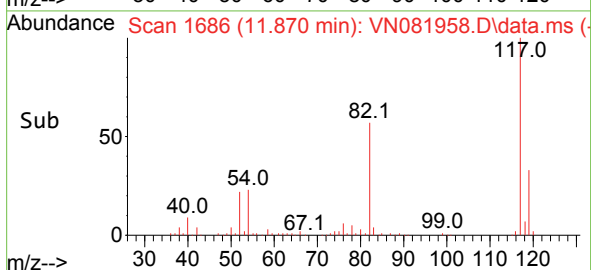
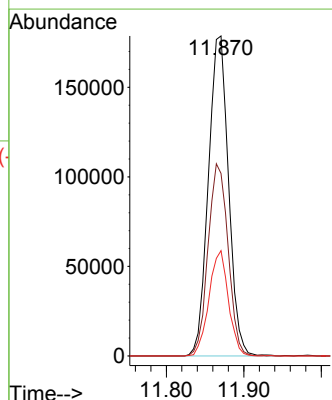
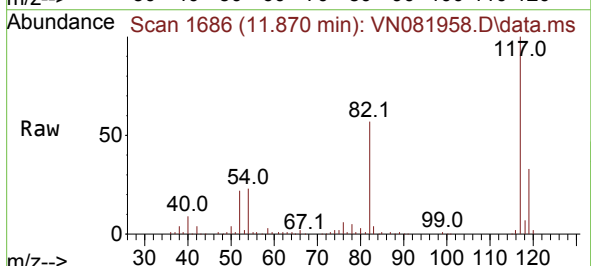
Instrument :
MSVOA_N
ClientSampleId :

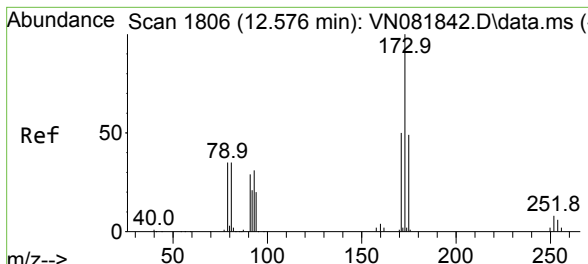
Tgt Ion: 95 Resp: 153696
Ion Ratio Lower Upper
95 100
174 64.4 0.0 160.6
176 60.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

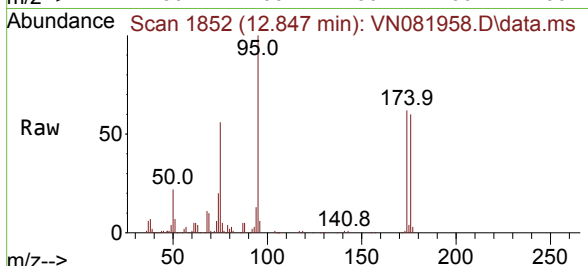
Tgt Ion: 117 Resp: 322824
Ion Ratio Lower Upper
117 100
82 57.1 44.6 66.8
119 32.9 25.9 38.9



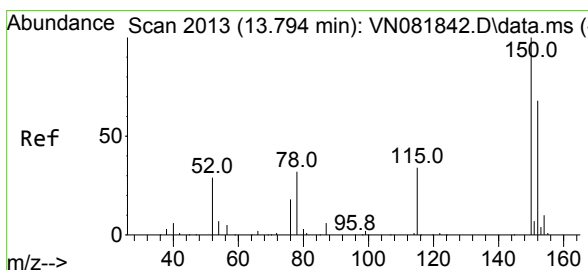
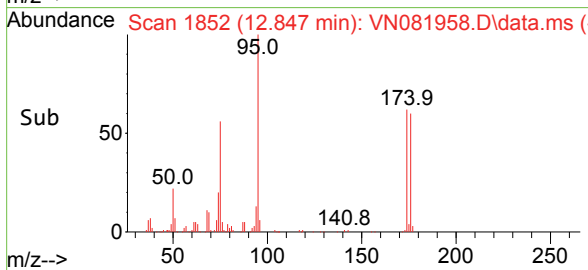
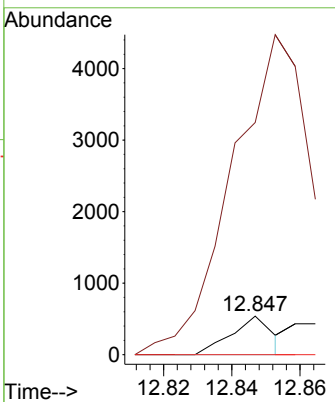


#71
 Bromoform
 Concen: 0.251 ug/l
 RT: 12.847 min Scan# 1806
 Delta R.T. 0.271 min
 Lab File: VN081958.D
 Acq: 01 May 2024 15:51

Instrument :
 MSVOA_N
 ClientSampleId :

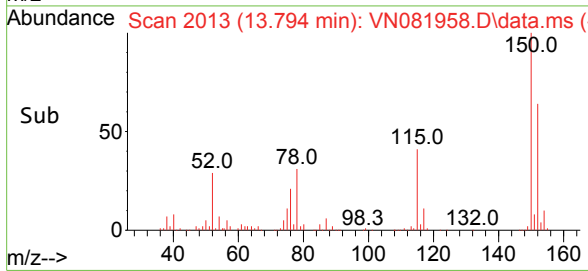
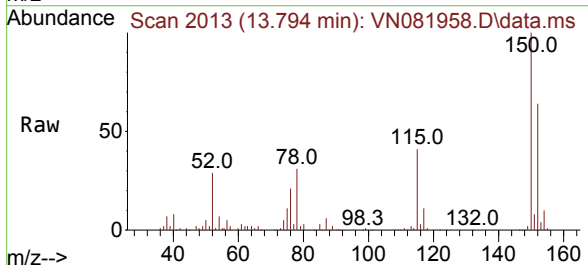
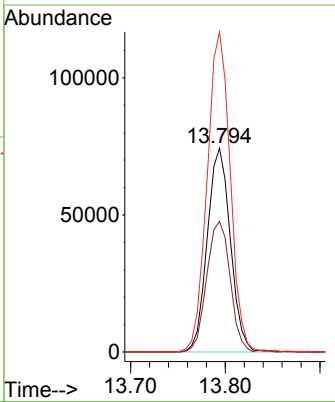


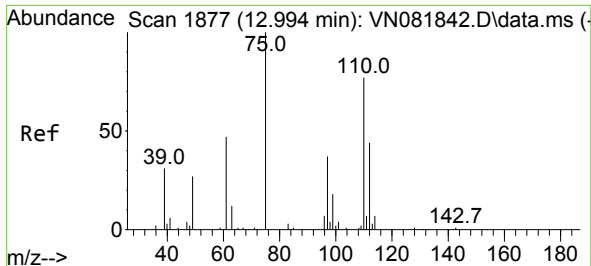
Tgt Ion:	173	Resp:	452
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.6	74.0#
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081958.D
 Acq: 01 May 2024 15:51

Tgt Ion:	152	Resp:	126268
Ion Ratio	Lower	Upper	
152	100		
115	65.3	30.4	91.3
150	156.5	0.0	353.2

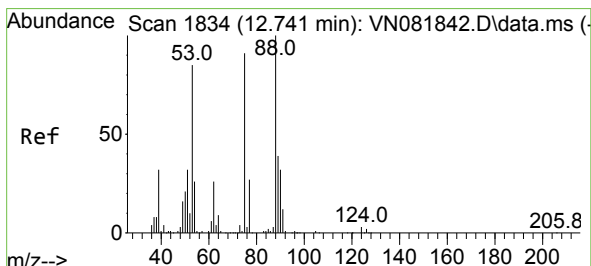
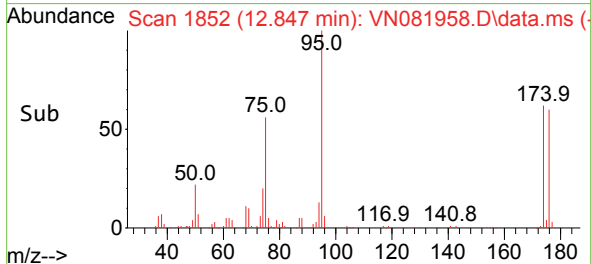
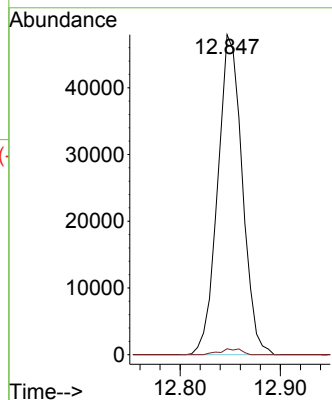
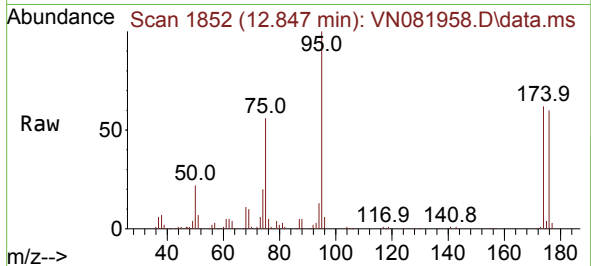




#76
1,2,3-Trichloropropane
Concen: 24.893 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 81496
Ion Ratio Lower Upper
75 100
77 1.6 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.009 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081958.D
Acq: 01 May 2024 15:51

Tgt Ion: 75 Resp: 81496
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.1 39.1 58.7#

