

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084134.D
 Acq On : 24 Sep 2024 15:07
 Operator : JC\MD
 Sample : P4116-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20240916

Quant Time: Sep 25 01:34:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

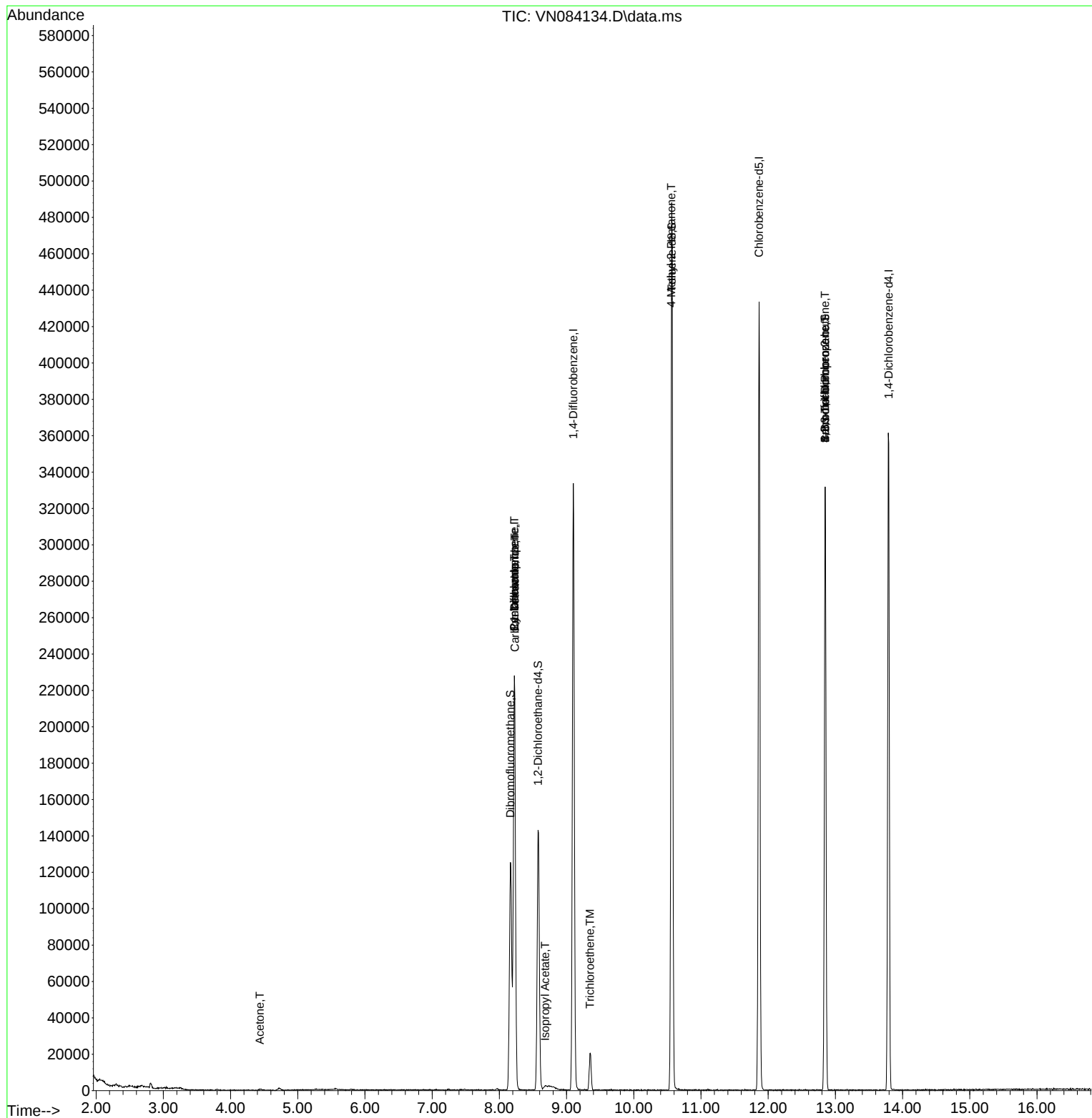
Internal Standards						
1) Pentafluorobenzene	8.224	168	154366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120796	51.897	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.800%			
35) Dibromofluoromethane	8.165	113	90221	51.432	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.860%			
50) Toluene-d8	10.565	98	332103	54.763	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.520%			
62) 4-Bromofluorobenzene	12.847	95	113301	45.284	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.560%			
Target Compounds			Qvalue			
3) Chloromethane	2.359	50	676	Below Cal		100
16) Acetone	4.436	43	971	1.041	ug/l	94
31) Cyclohexane	8.224	56	3769	1.120	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14611	5.534	ug/l #	50
38) Carbon Tetrachloride	8.230	117	16963	5.663	ug/l #	14
43) Isopropyl Acetate	8.682	43	2368	0.545	ug/l #	57
44) Trichloroethene	9.347	130	7512	4.082	ug/l	95
51) 4-Methyl-2-Pentanone	10.559	43	1434	0.607	ug/l #	1
71) Bromoform	12.847	173	614	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61984	32.164	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61984	84.239	ug/l #	9

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

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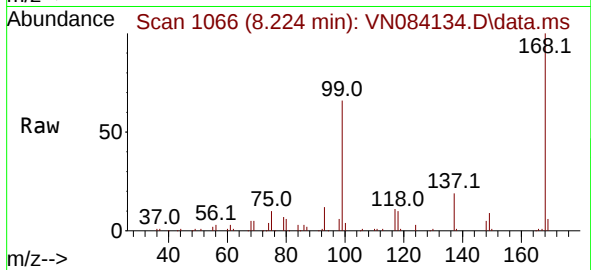
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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



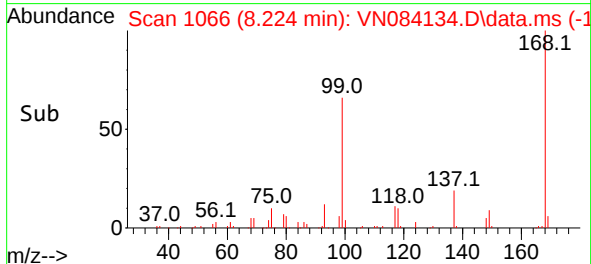
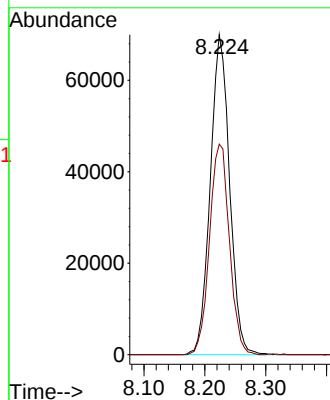


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20240916

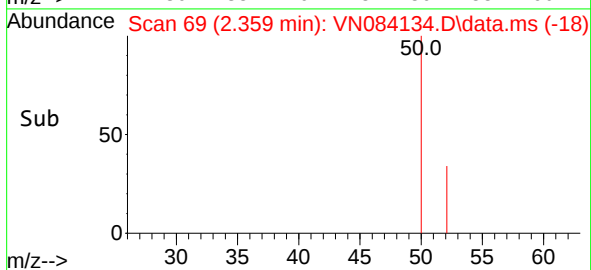
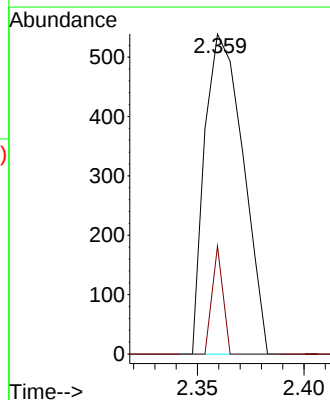
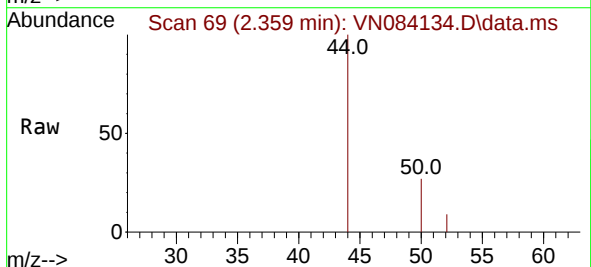


Tgt Ion:168 Resp: 154366
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 33.8 27.2 40.8

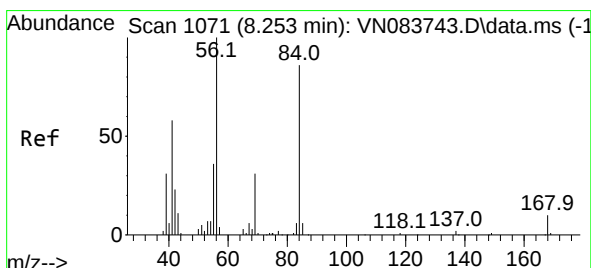
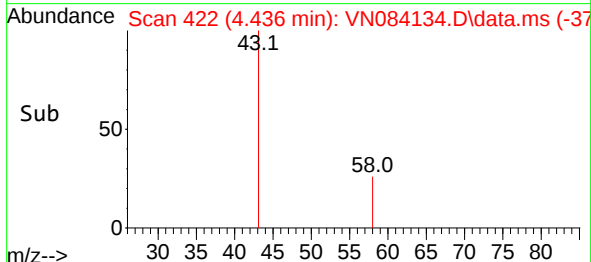
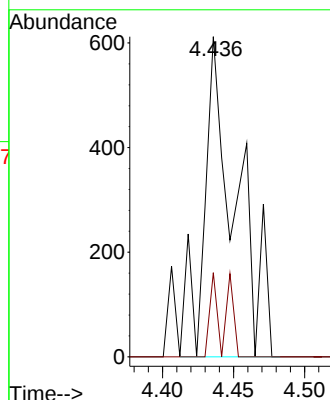
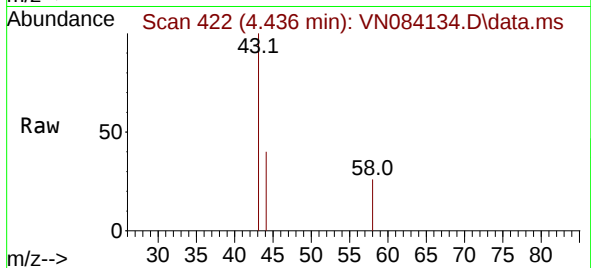




#16
Acetone
Concen: 1.041 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

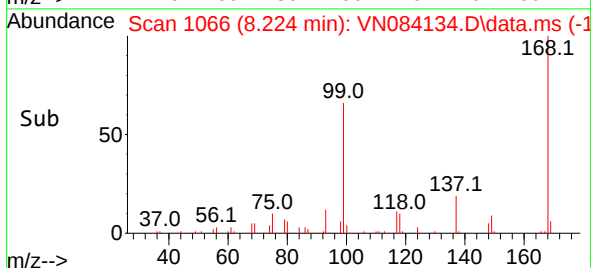
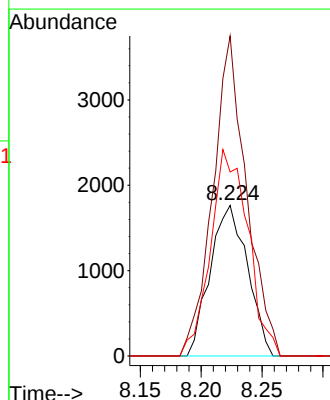
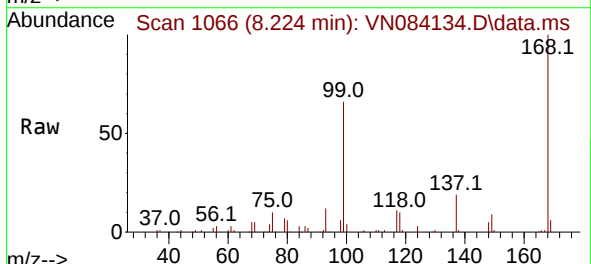
Instrument :
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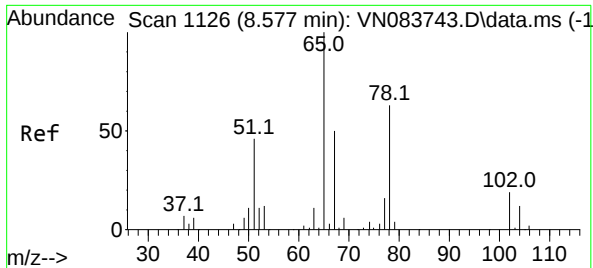
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 26.3 23.7 35.5



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Tgt Ion: 56 Resp: 3769
Ion Ratio Lower Upper
56 100
69 212.4 26.9 40.3#
84 131.3 69.2 103.8#

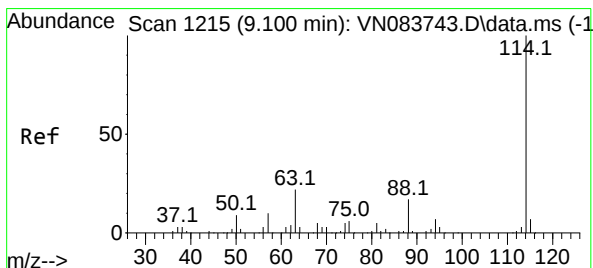
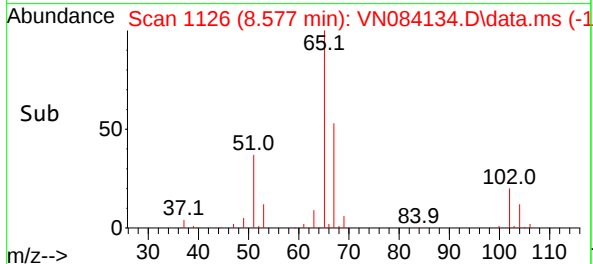
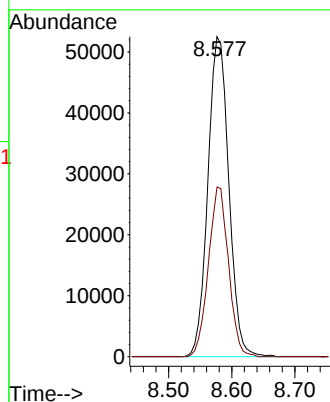
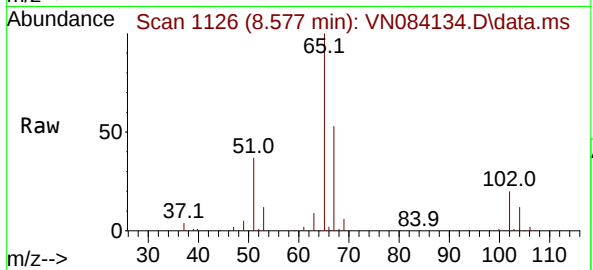




#33
 1,2-Dichloroethane-d4
 Concen: 51.897 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084134.D
 Acq: 24 Sep 2024 15:07

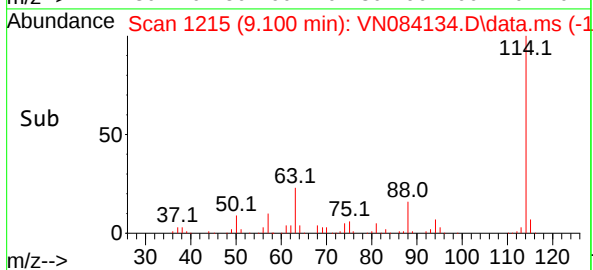
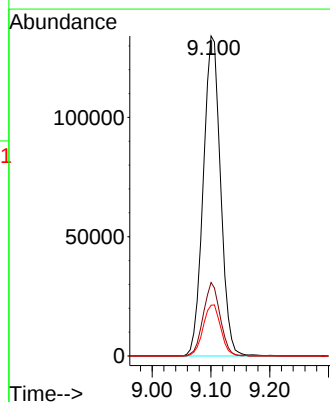
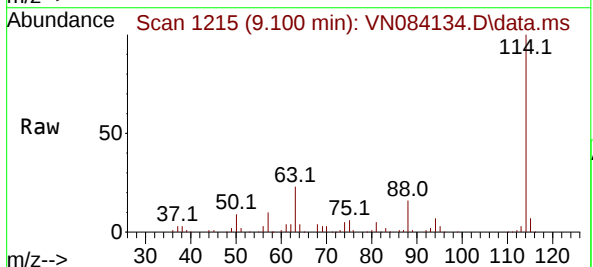
Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20240916

Tgt Ion: 65 Resp: 120796
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084134.D
 Acq: 24 Sep 2024 15:07

Tgt Ion: 114 Resp: 274012
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.4
 88 15.8 0.0 32.6

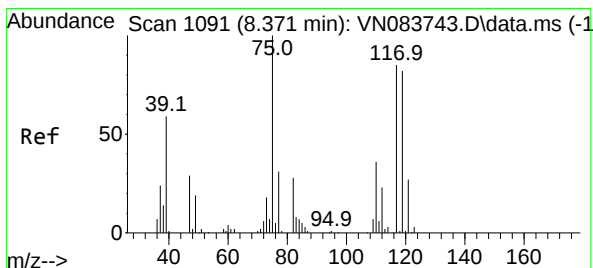
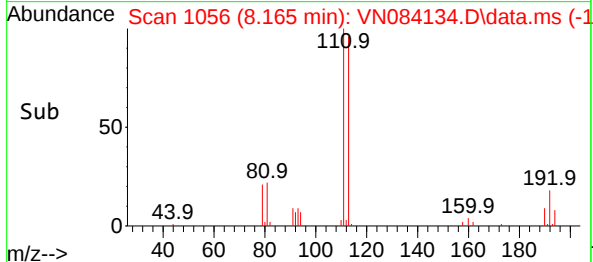
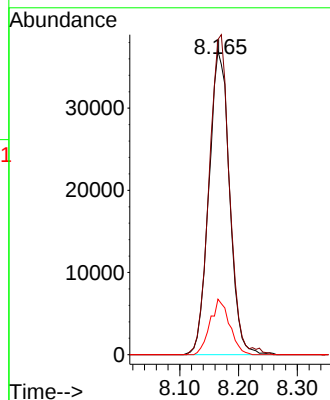
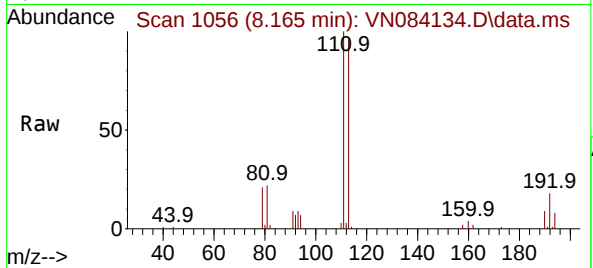




#35
Dibromofluoromethane
Concen: 51.432 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

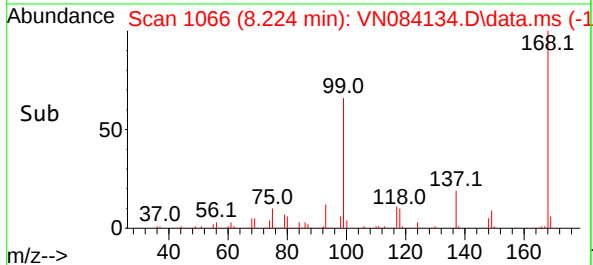
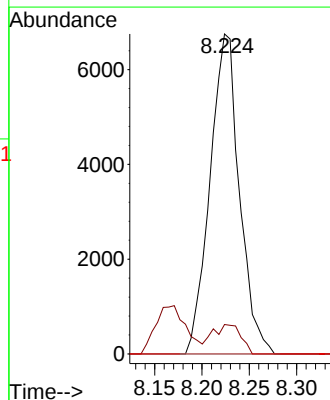
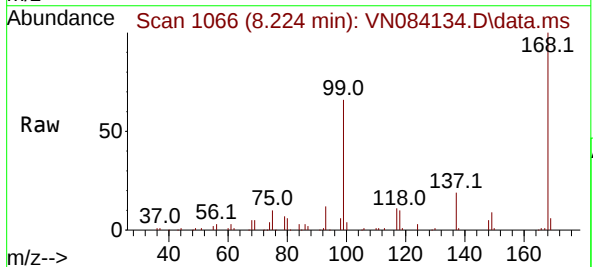
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20240916

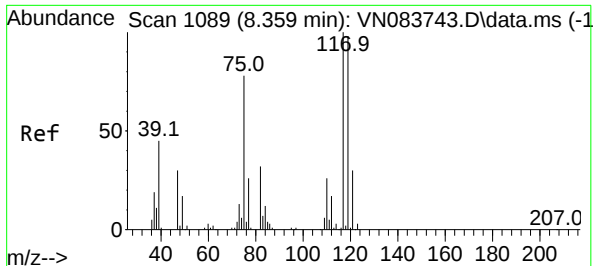
Tgt Ion:113 Resp: 90221
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 17.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.534 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

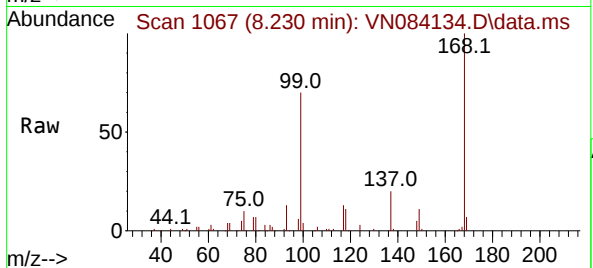
Tgt Ion: 75 Resp: 14611
Ion Ratio Lower Upper
75 100
110 8.9 16.7 50.1#
77 0.0 25.2 37.8#



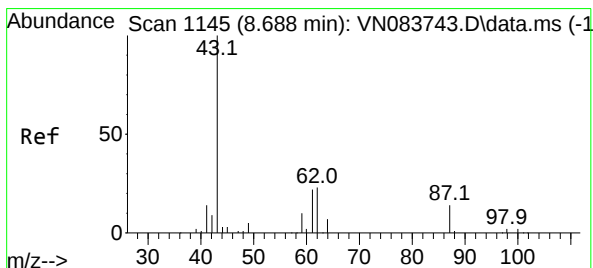
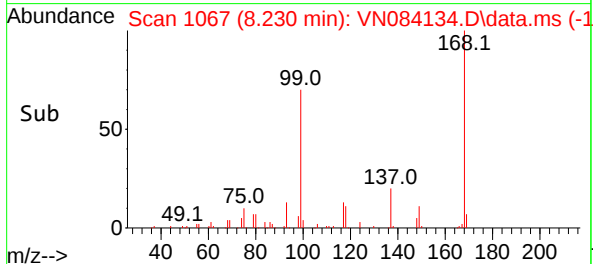
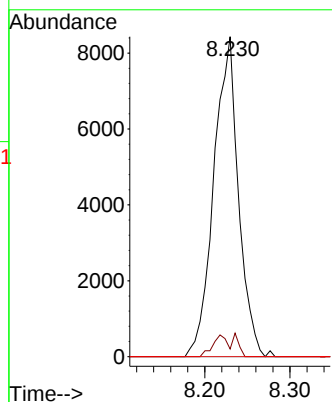


#38
Carbon Tetrachloride
Concen: 5.663 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.129 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Instrument :
MSVOA_N
ClientSampleId :
TT15811-20240916

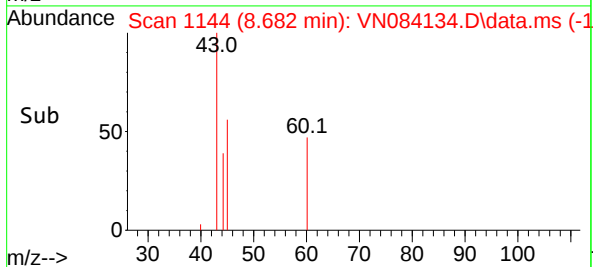
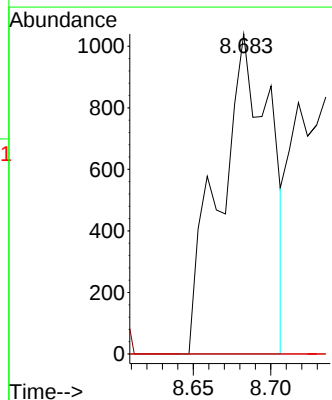
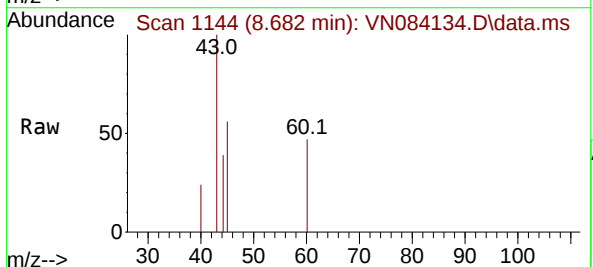


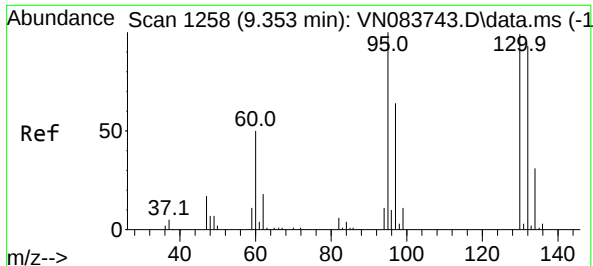
Tgt Ion:117 Resp: 16963
Ion Ratio Lower Upper
117 100
119 2.4 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.545 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Tgt Ion: 43 Resp: 2368
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

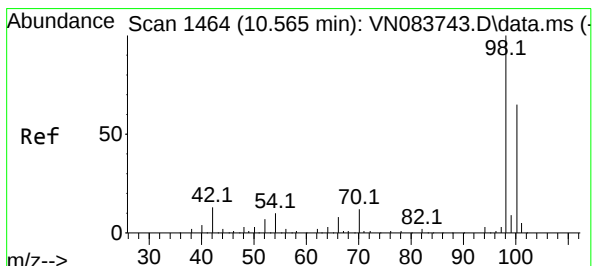
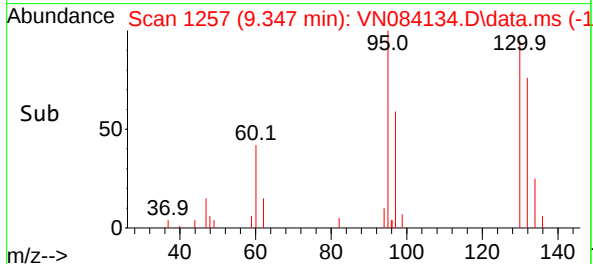
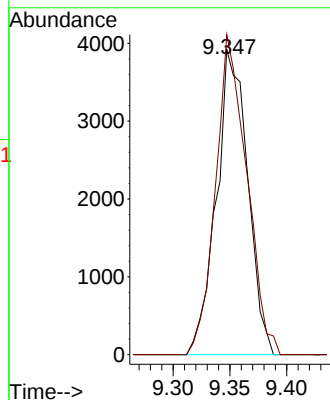
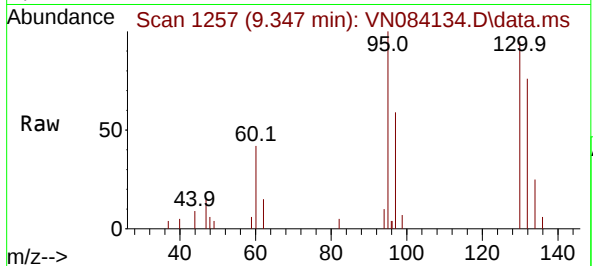




#44
Trichloroethene
Concen: 4.082 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

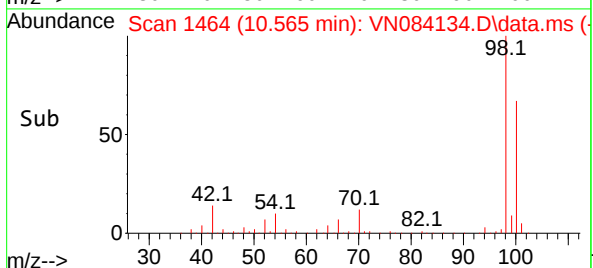
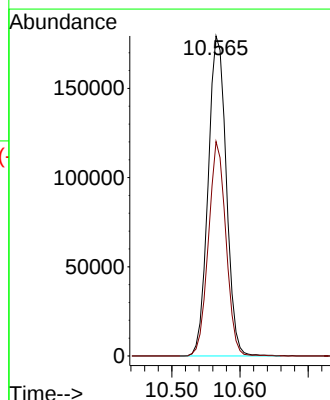
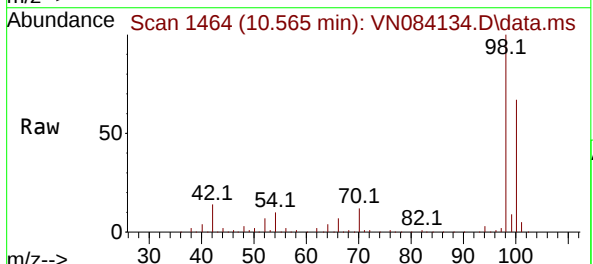
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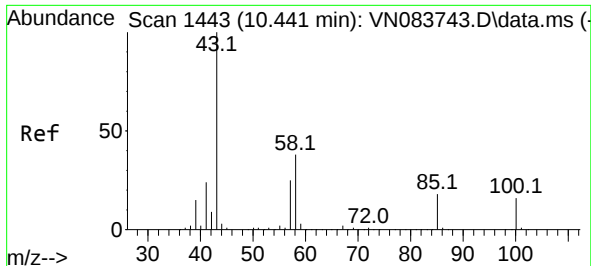
Tgt Ion:130 Resp: 7512
Ion Ratio Lower Upper
130 100
95 104.9 0.0 200.4



#50
Toluene-d8
Concen: 54.763 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Tgt Ion: 98 Resp: 332103
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.607 ug/l

RT: 10.559 min Scan# 1443

Delta R.T. 0.118 min

Lab File: VN084134.D

Acq: 24 Sep 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

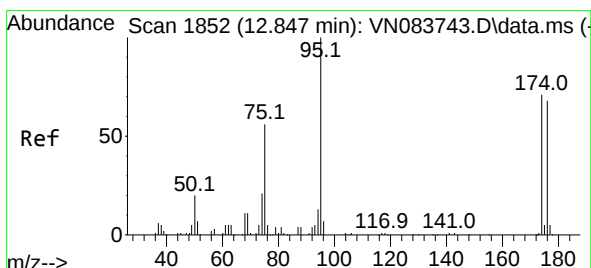
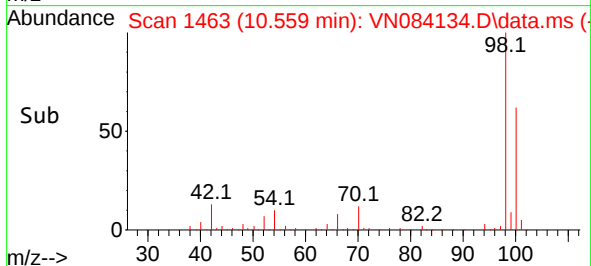
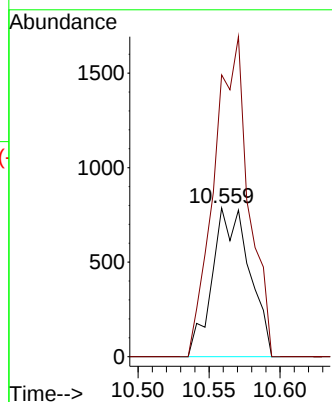
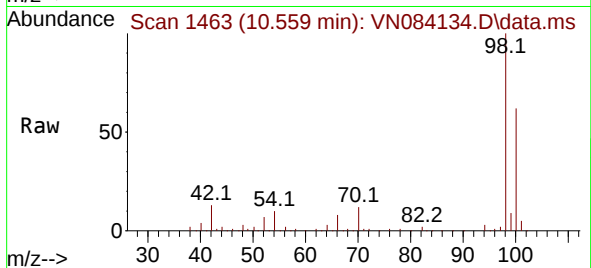
TT15811-20240916

Tgt Ion: 43 Resp: 1434

Ion Ratio Lower Upper

43 100

58 200.3 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 45.284 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084134.D

Acq: 24 Sep 2024 15:07

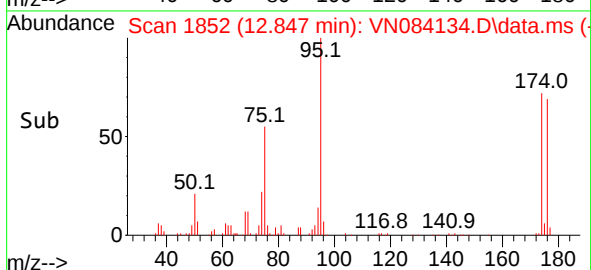
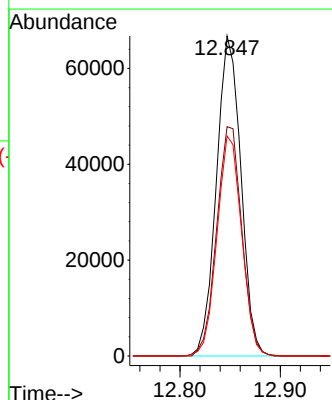
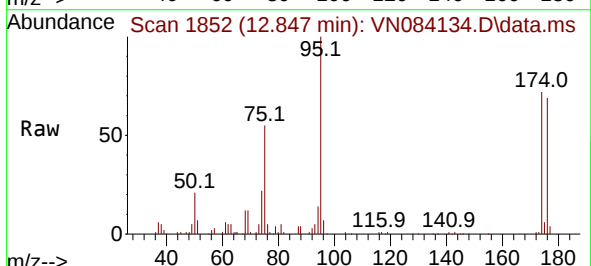
Tgt Ion: 95 Resp: 113301

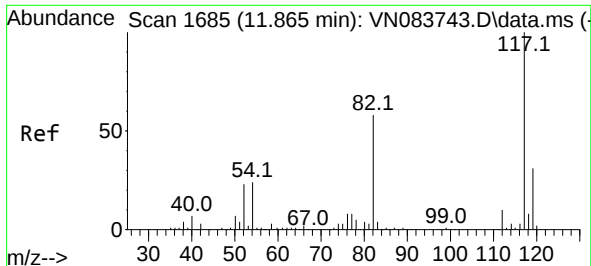
Ion Ratio Lower Upper

95 100

174 73.4 0.0 139.8

176 69.2 0.0 131.4

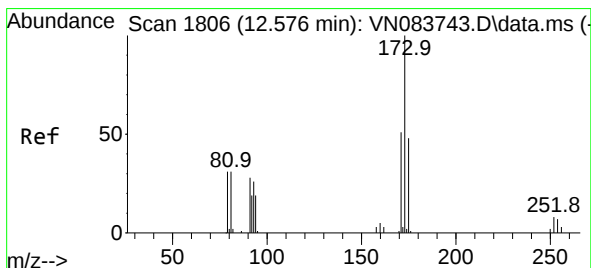
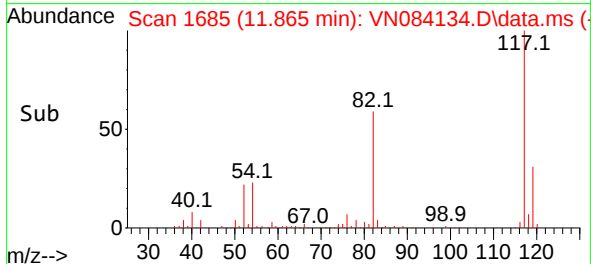
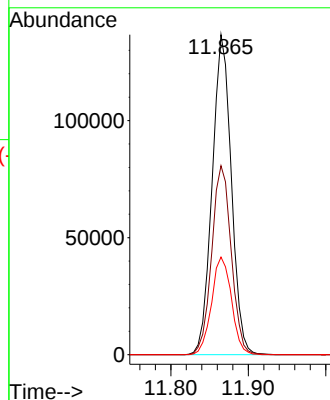
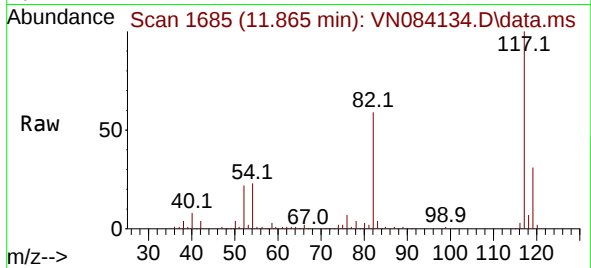




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

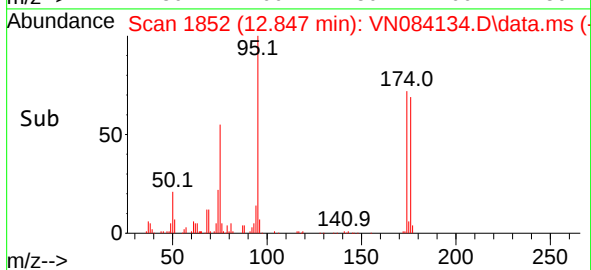
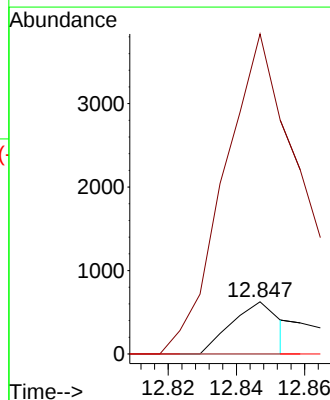
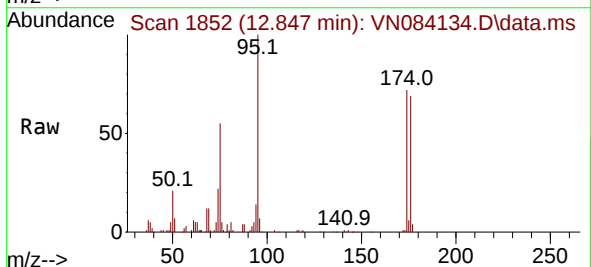
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20240916

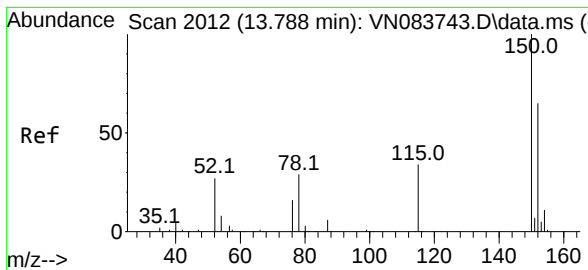
Tgt Ion:117 Resp: 234567
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 30.5 26.3 39.5



#71
Bromoform
Concen: 0.504 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

Tgt Ion:173 Resp: 614
Ion Ratio Lower Upper
173 100
175 722.8 24.1 72.2#
254 0.0 0.0 0.0

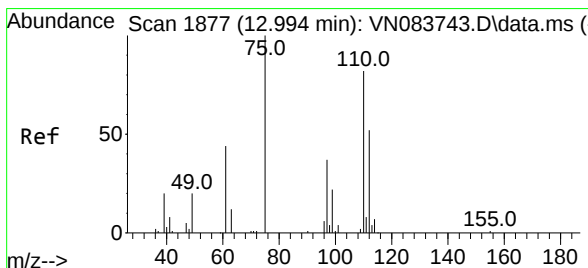
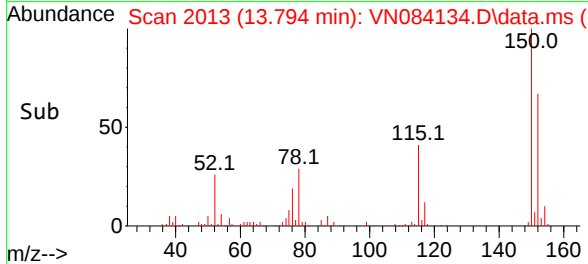
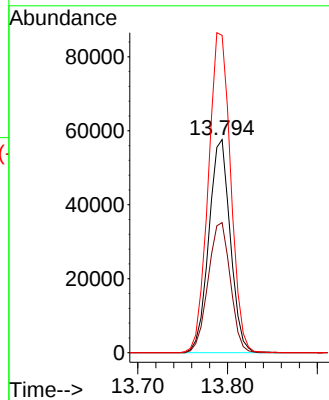
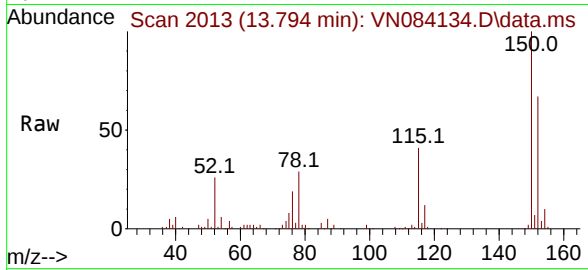




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

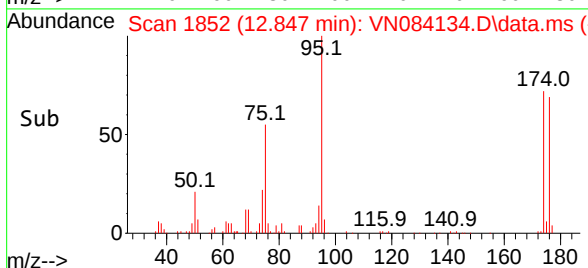
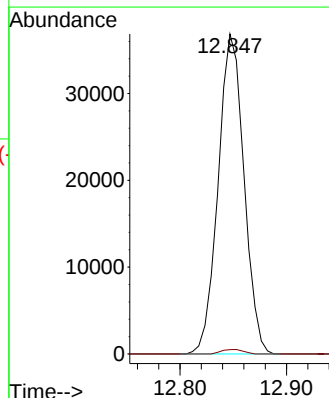
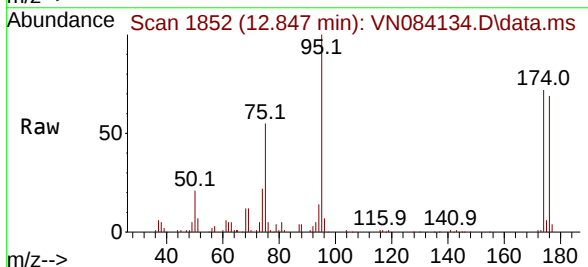
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20240916

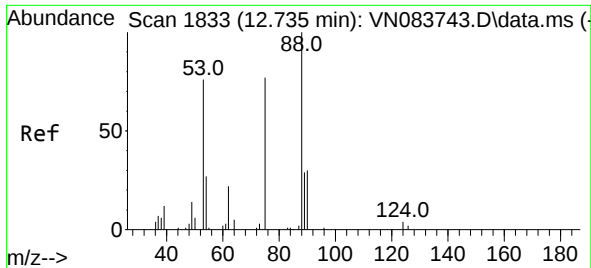
Tgt Ion:	152	Resp:	95507
Ion Ratio	Lower	Upper	
152	100		
115	63.2	32.2	96.6
150	156.4	0.0	348.6



#76
1,2,3-Trichloropropane
Concen: 32.164 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084134.D
Acq: 24 Sep 2024 15:07

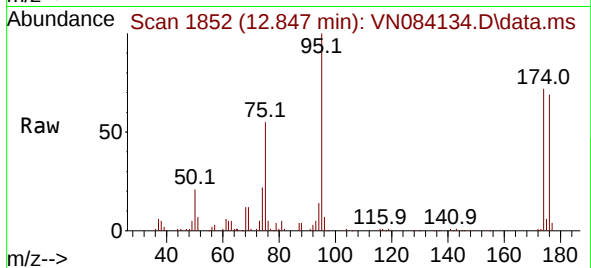
Tgt Ion:	75	Resp:	61984
Ion Ratio	Lower	Upper	
75	100		
77	1.2	95.2	285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.239 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084134.D
 Acq: 24 Sep 2024 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20240916



Tgt Ion: 75 Resp: 61984
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

