

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087063.D
 Acq On : 17 Jun 2025 16:30
 Operator : JC\MD
 Sample : Q2329-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT192D1-20250611

Quant Time: Jun 18 01:50:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

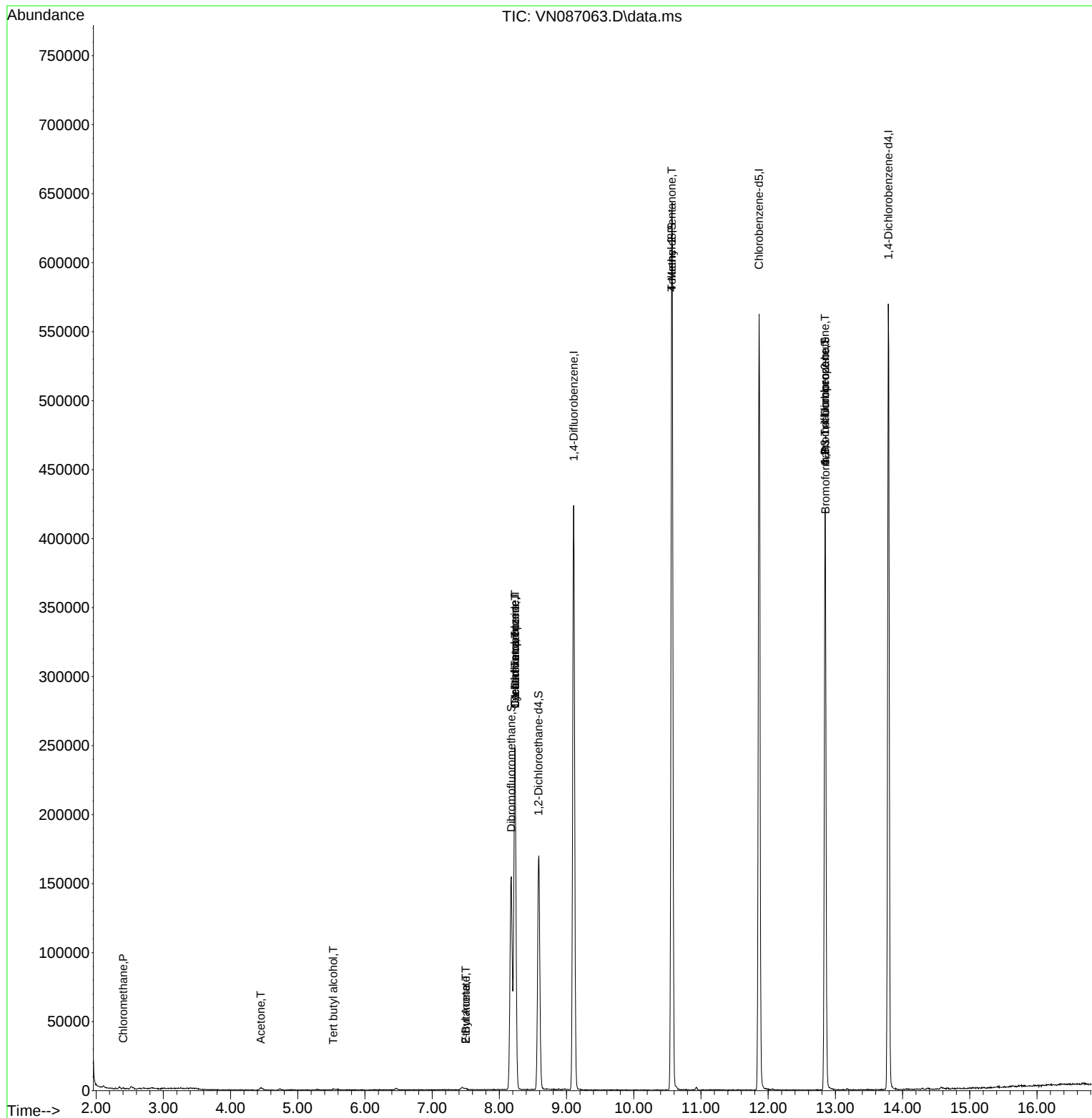
Internal Standards						
1) Pentafluorobenzene	8.230	168	200437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	399463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140788	52.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.920%			
35) Dibromofluoromethane	8.177	113	120142	50.750	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.500%			
50) Toluene-d8	10.565	98	486877	51.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.847	95	173023	49.693	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.380%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.401	50	735	0.285	ug/l #	64
11) Tert butyl alcohol	5.530	59	893	1.226	ug/l #	73
16) Acetone	4.448	43	1611	1.132	ug/l	100
25) 2-Butanone	7.500	43	1210	0.523	ug/l	99
31) Cyclohexane	8.236	56	3342	0.768	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	15201	4.309	ug/l #	48
37) Ethyl Acetate	7.500	43	1210	0.269	ug/l #	66
38) Carbon Tetrachloride	8.236	117	19529	5.639	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1655	0.381	ug/l #	1
71) Bromoform	12.853	173	799	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	80088	20.079	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80088	46.220	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
Data File : VN087063.D
Acq On : 17 Jun 2025 16:30
Operator : JC\MD
Sample : Q2329-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT192D1-20250611

Quant Time: Jun 18 01:50:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

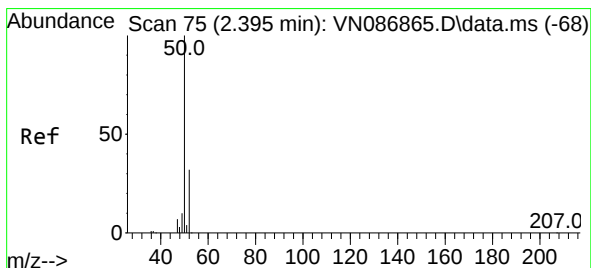
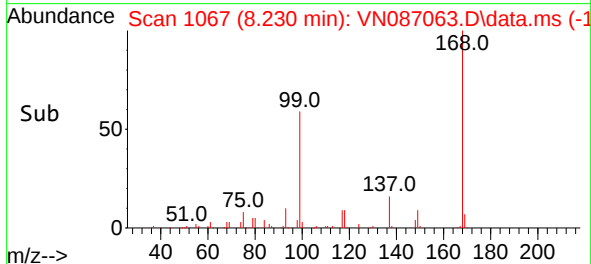
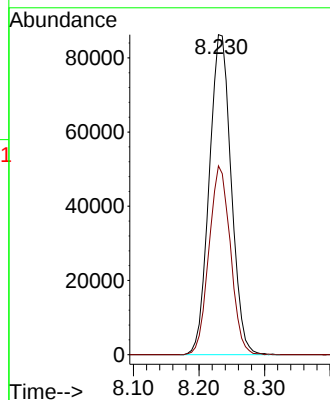
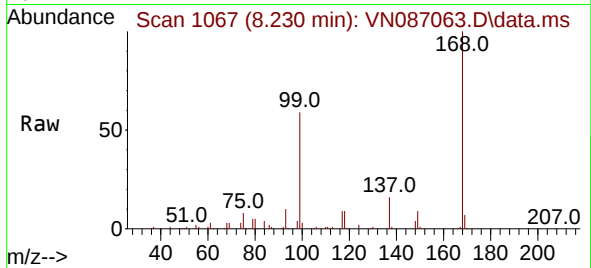




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

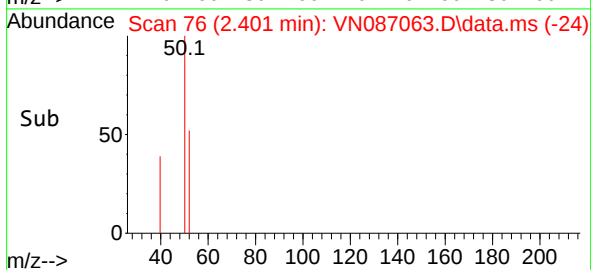
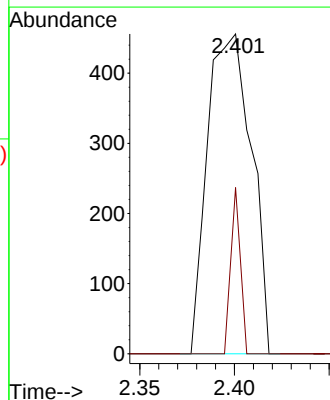
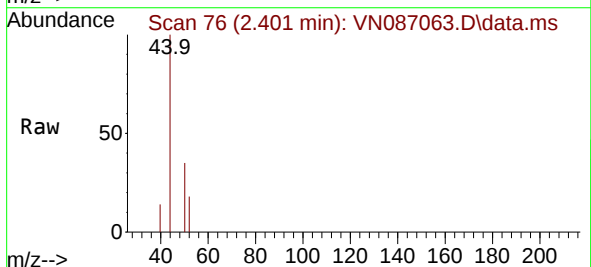
Instrument :
MSVOA_N
ClientSampleId :
TT192D1-20250611

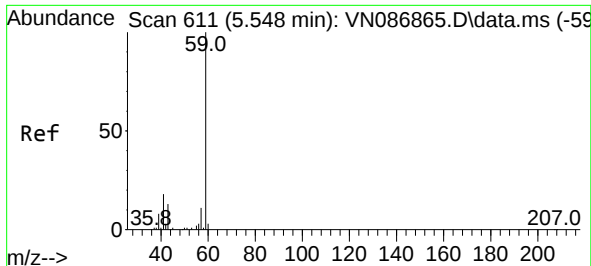
Tgt Ion:168 Resp: 200437
Ion Ratio Lower Upper
168 100
99 59.0 49.1 73.7



#3
Chloromethane
Concen: 0.285 ug/l
RT: 2.401 min Scan# 76
Delta R.T. 0.006 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

Tgt Ion: 50 Resp: 735
Ion Ratio Lower Upper
50 100
52 52.0 25.7 38.5#

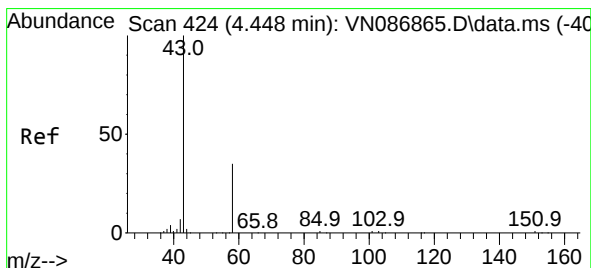
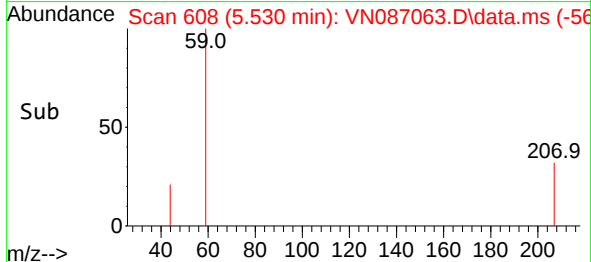
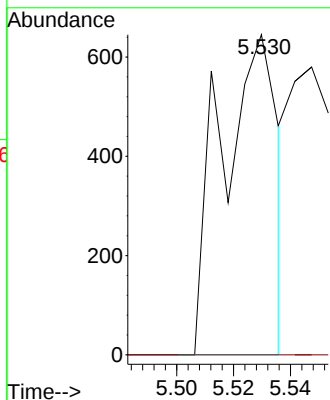
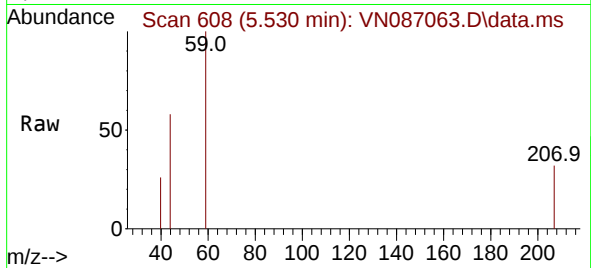




#11
Tert butyl alcohol
Concen: 1.226 ug/l
RT: 5.530 min Scan# 611
Delta R.T. -0.018 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

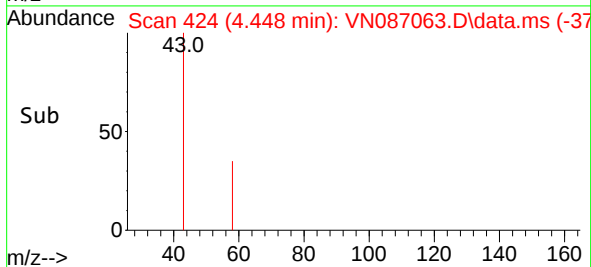
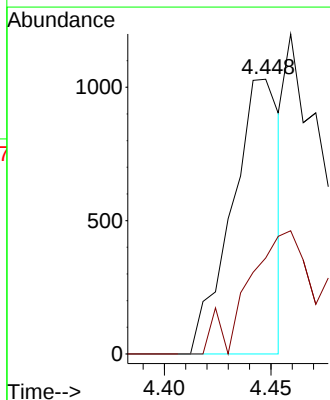
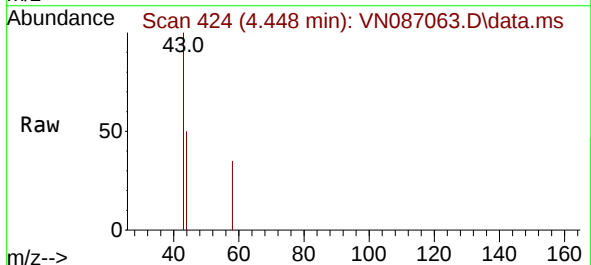
Instrument :
MSVOA_N
ClientSampleId :
TT192D1-20250611

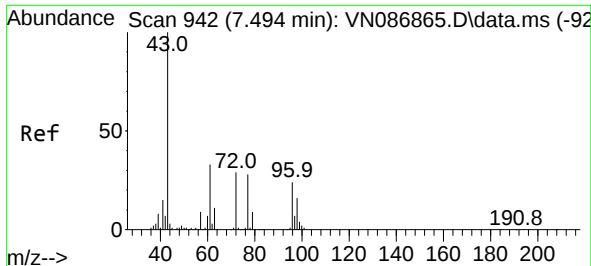
Tgt Ion: 59 Resp: 893
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 1.132 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0

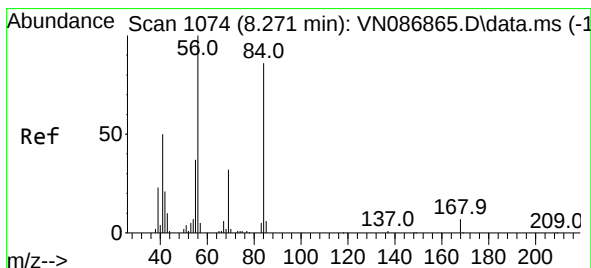
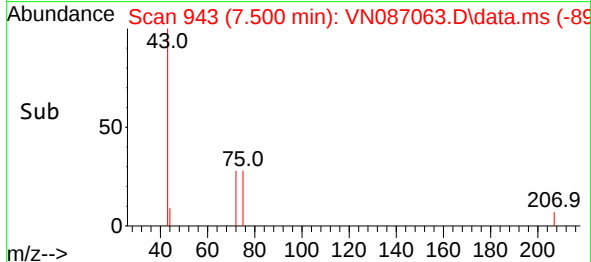
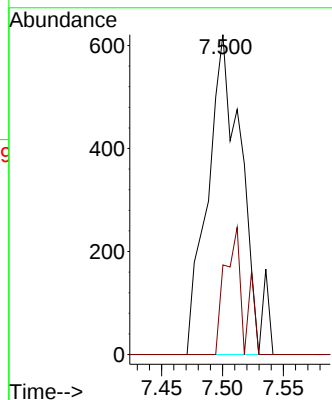
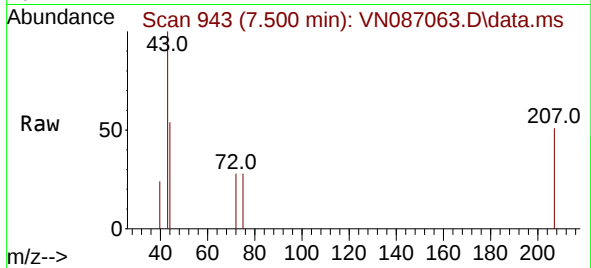




#25
2-Butanone
Concen: 0.523 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

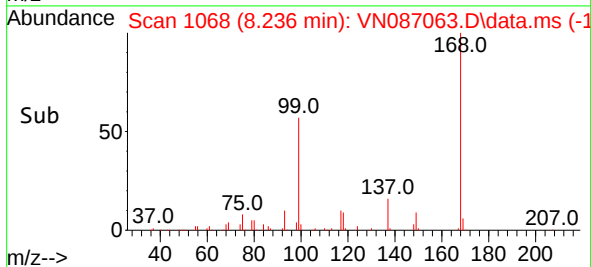
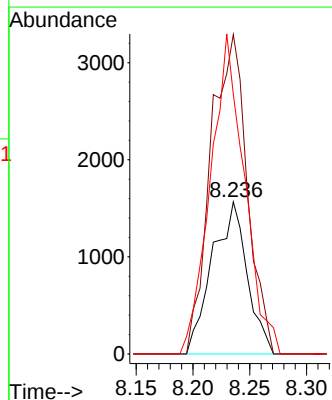
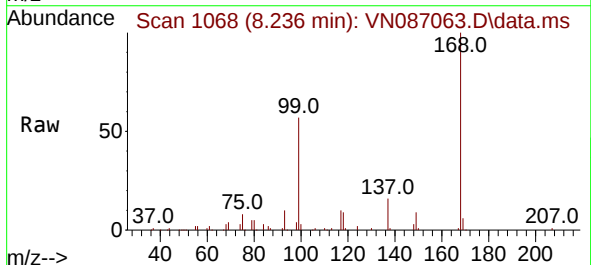
Instrument :
MSVOA_N
ClientSampleId :
TT192D1-20250611

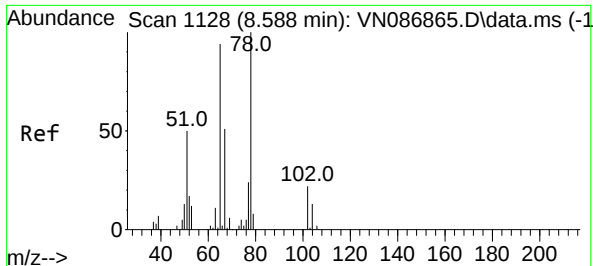
Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
72 28.0 23.0 34.6



#31
Cyclohexane
Concen: 0.768 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.035 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

Tgt Ion: 56 Resp: 3342
Ion Ratio Lower Upper
56 100
69 210.0 25.4 38.0#
84 170.7 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 52.462 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087063.D

Acq: 17 Jun 2025 16:30

Instrument :

MSVOA_N

ClientSampleId :

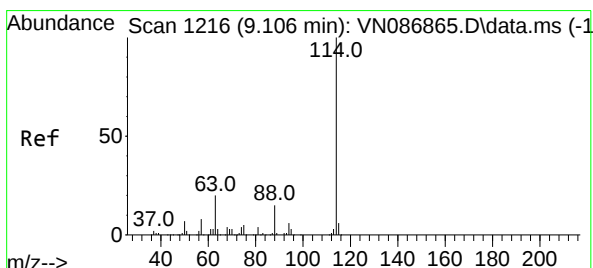
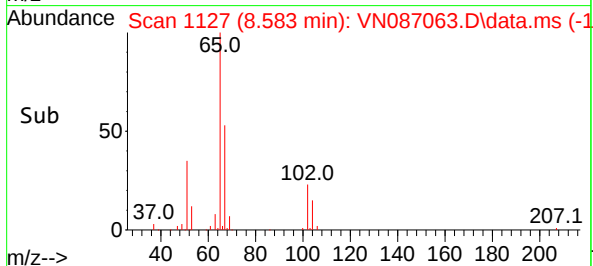
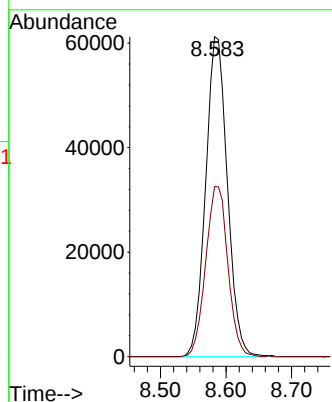
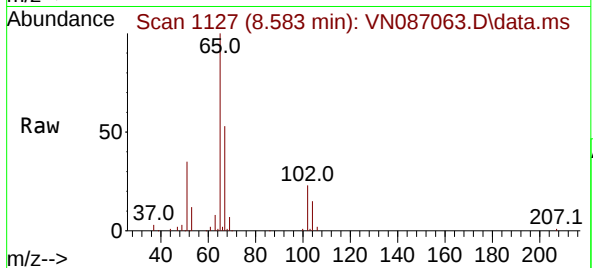
TT192D1-20250611

Tgt Ion: 65 Resp: 140788

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087063.D

Acq: 17 Jun 2025 16:30

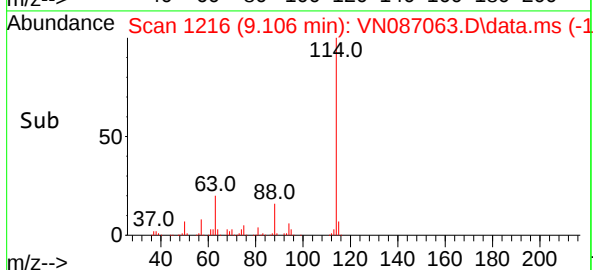
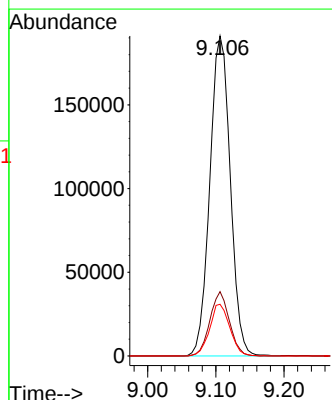
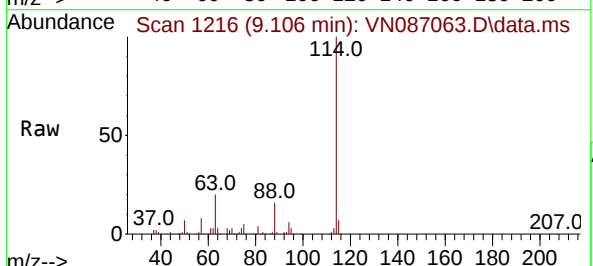
Tgt Ion: 114 Resp: 399463

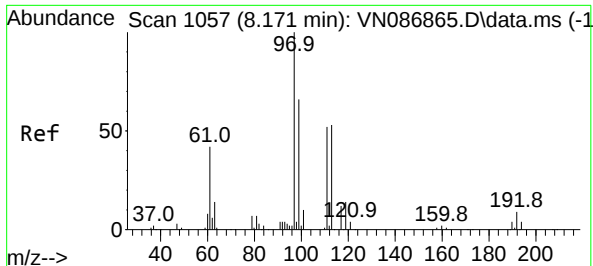
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 16.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.750 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087063.D

Acq: 17 Jun 2025 16:30

Instrument :

MSVOA_N

ClientSampleId :

TT192D1-20250611

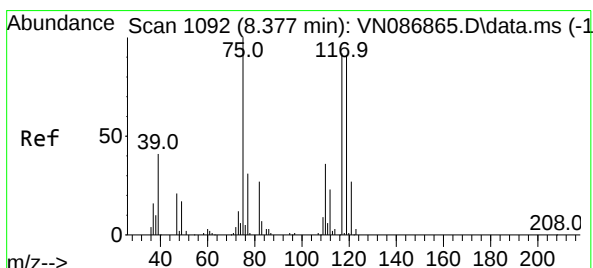
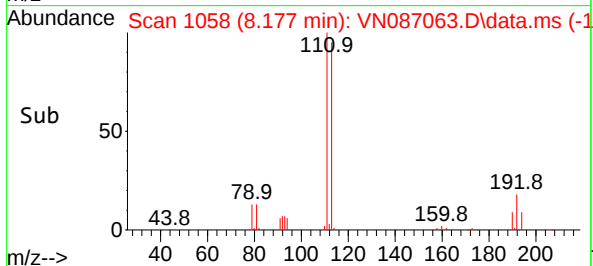
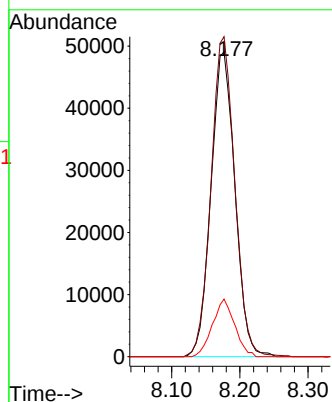
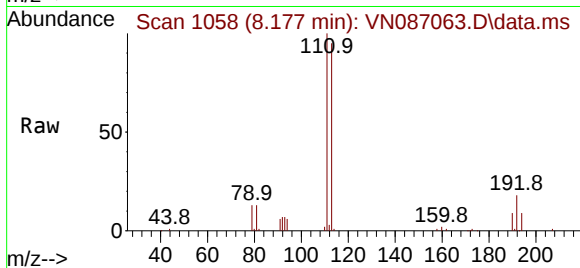
Tgt Ion:113 Resp: 120142

Ion Ratio Lower Upper

113 100

111 103.9 84.2 126.2

192 17.5 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.309 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN087063.D

Acq: 17 Jun 2025 16:30

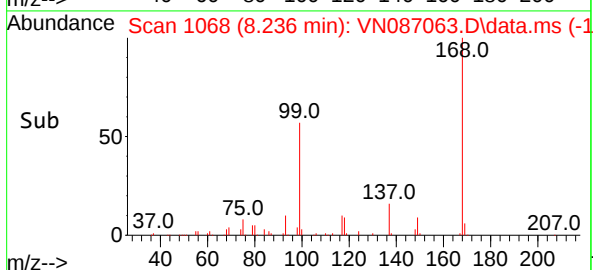
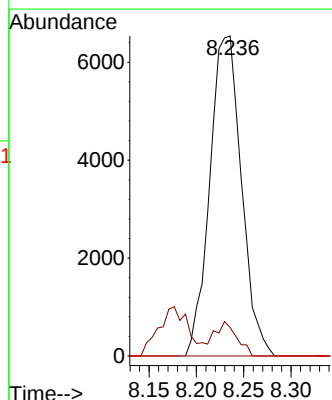
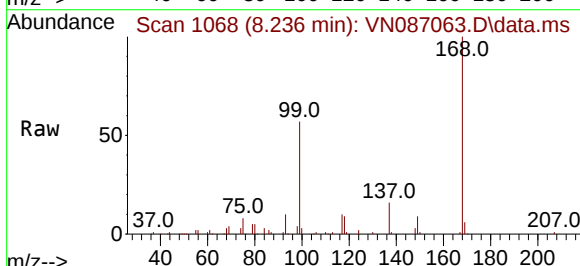
Tgt Ion: 75 Resp: 15201

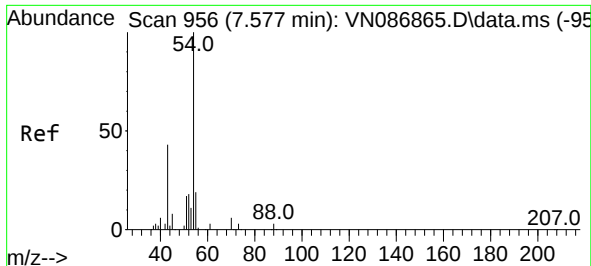
Ion Ratio Lower Upper

75 100

110 7.3 17.6 52.9#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.269 ug/l

RT: 7.500 min Scan# 943

Delta R.T. -0.077 min

Lab File: VN087063.D

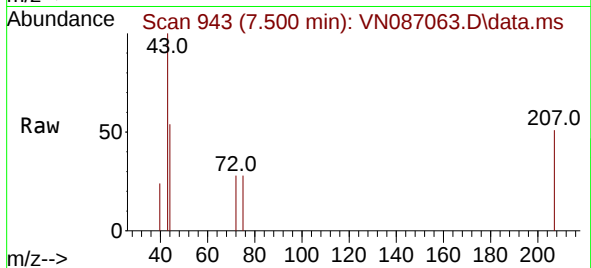
Acq: 17 Jun 2025 16:30

Instrument :

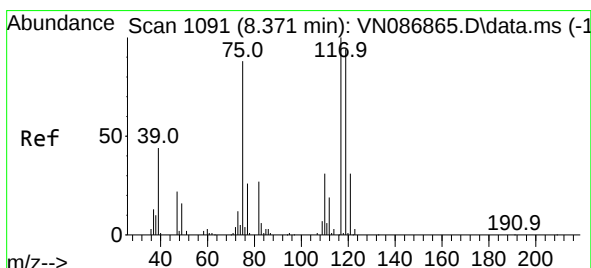
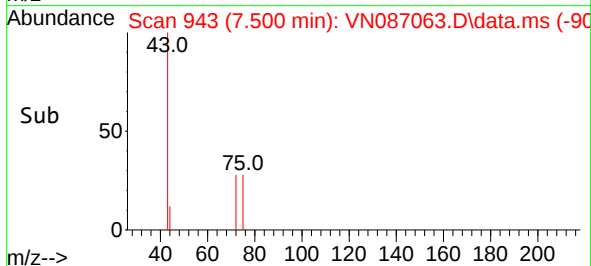
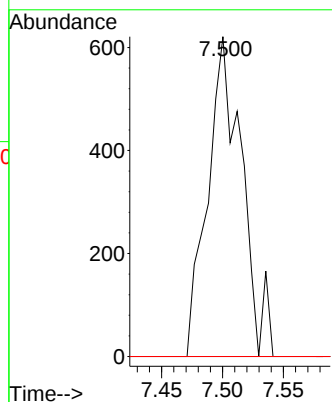
MSVOA_N

ClientSampleId :

TT192D1-20250611



Tgt Ion:	43	Resp:	1210
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	9.8	14.6#



#38

Carbon Tetrachloride

Concen: 5.639 ug/l

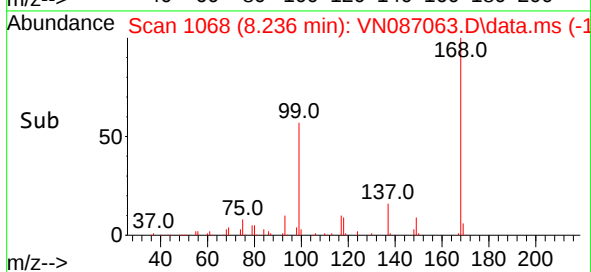
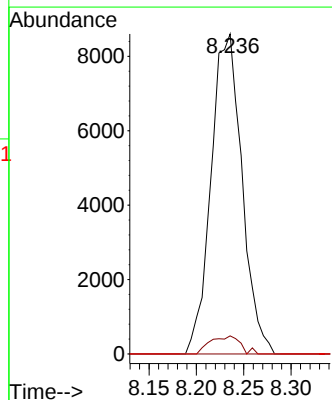
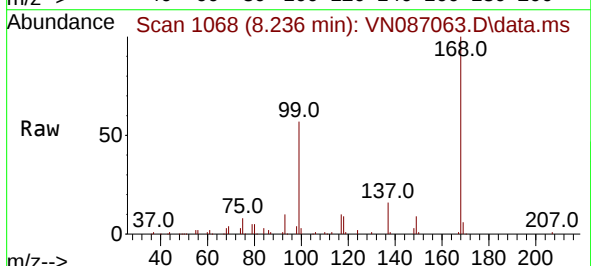
RT: 8.236 min Scan# 1068

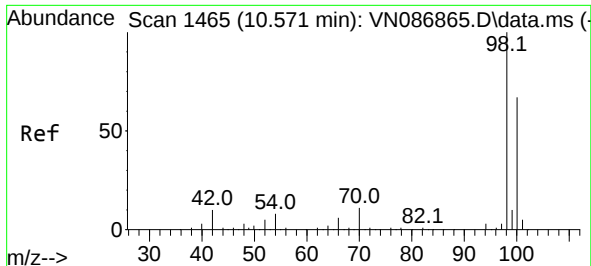
Delta R.T. -0.135 min

Lab File: VN087063.D

Acq: 17 Jun 2025 16:30

Tgt Ion:	117	Resp:	19529
Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.0	112.6#
121	0.0	24.9	37.3#

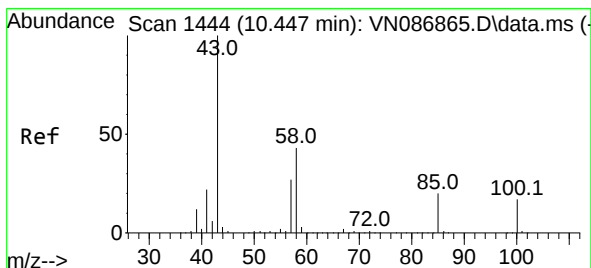
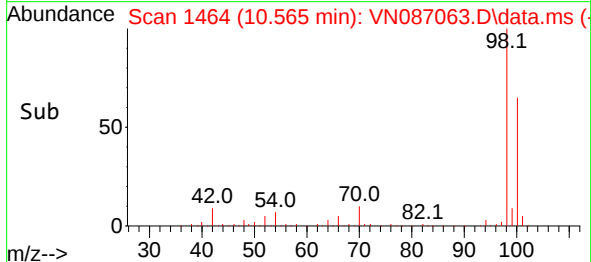
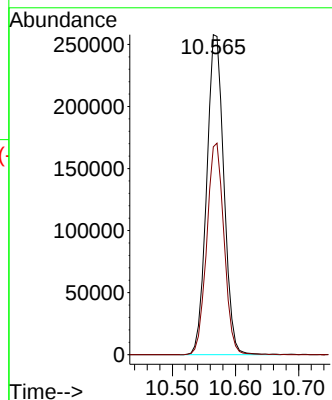
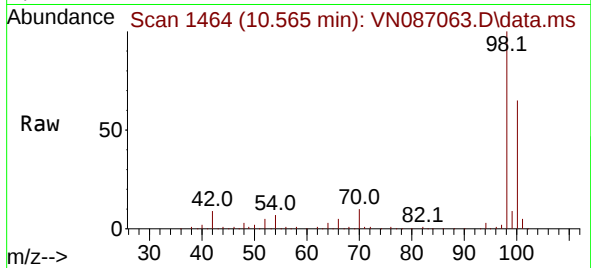




#50
Toluene-d8
Concen: 51.953 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

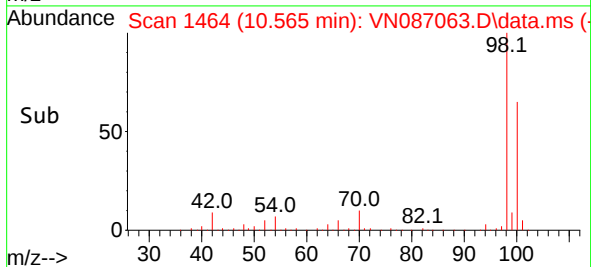
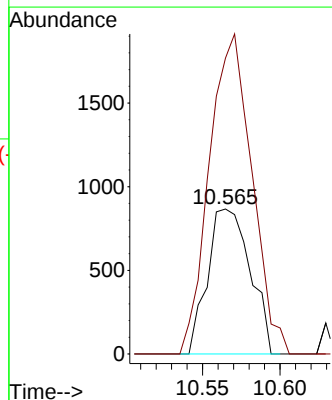
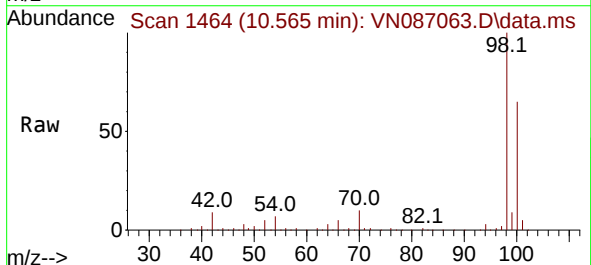
Instrument :
MSVOA_N
ClientSampleId :
TT192D1-20250611

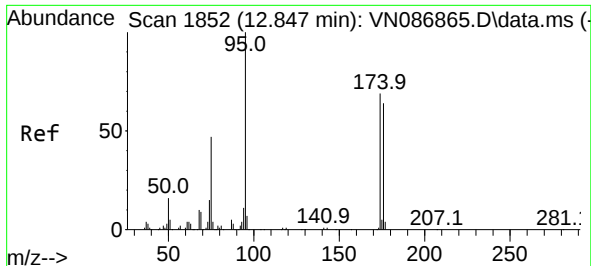
Tgt Ion: 98 Resp: 486877
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.381 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
58 221.0 34.2 51.4#

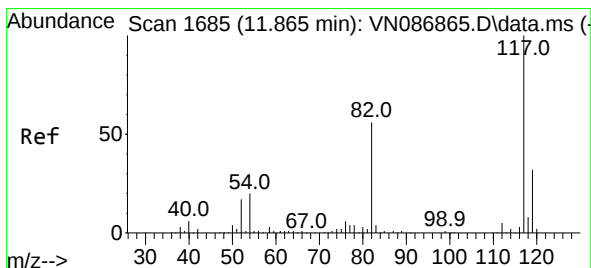
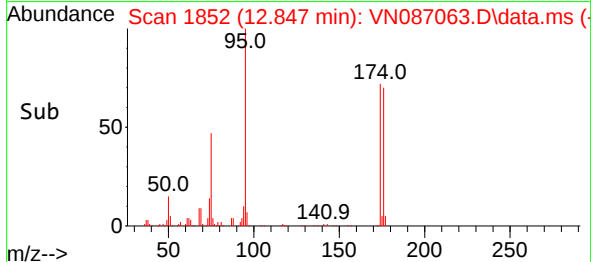
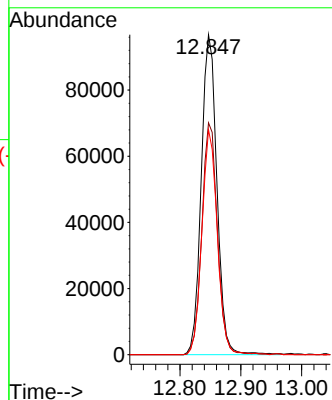
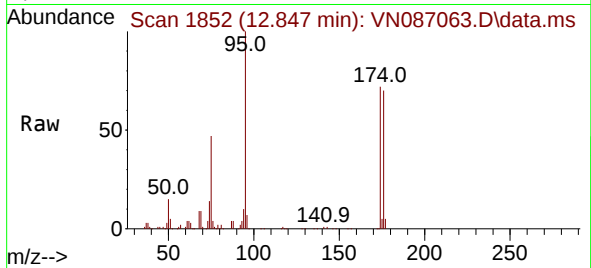




#62
4-Bromofluorobenzene
Concen: 49.693 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

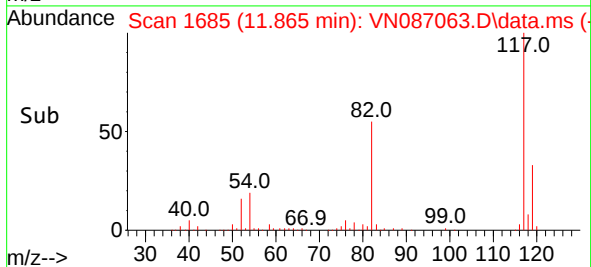
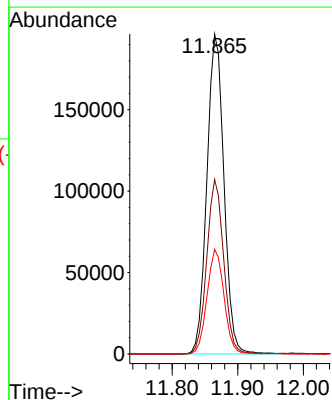
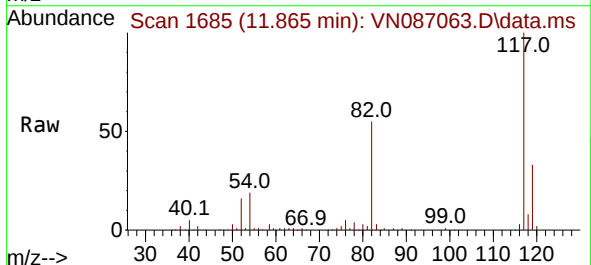
Instrument :
MSVOA_N
ClientSampleId :
TT192D1-20250611

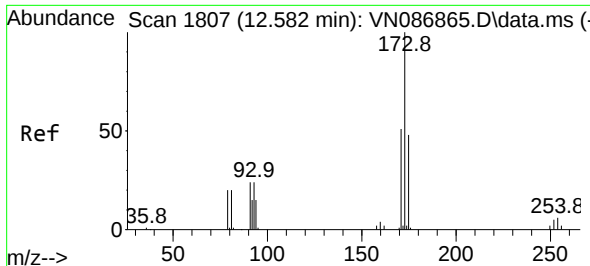
Tgt Ion: 95 Resp: 173023
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.8
176 69.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

Tgt Ion: 117 Resp: 355638
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 32.7 25.5 38.3

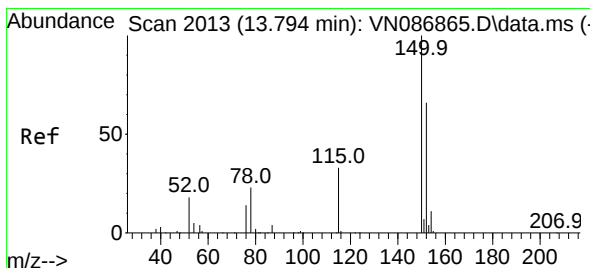
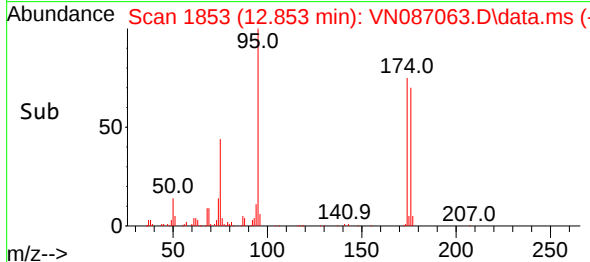
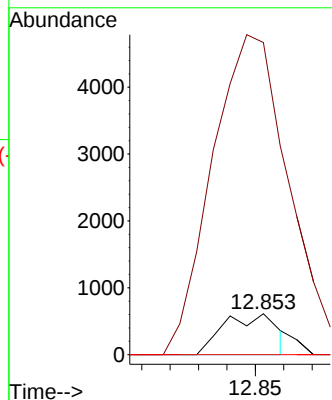
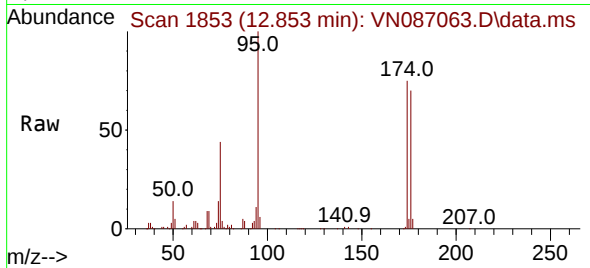




#71
Bromoform
Concen: 0.428 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.270 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

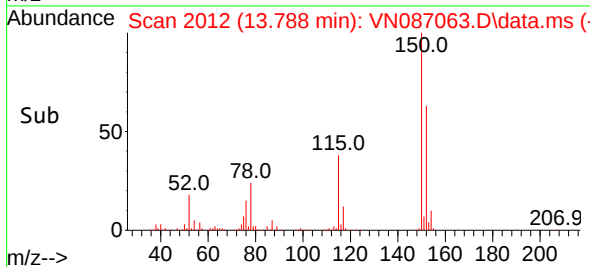
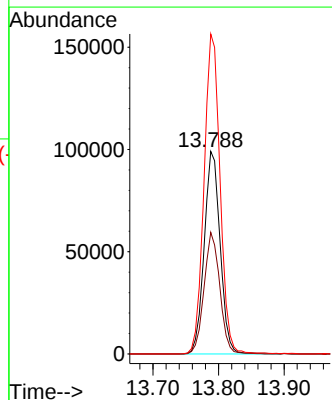
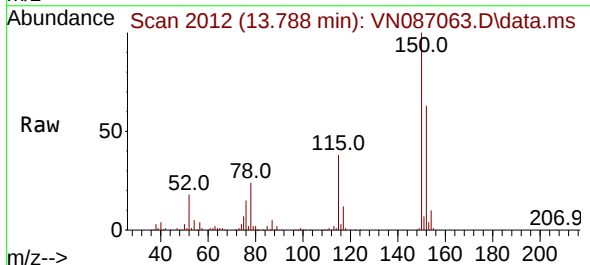
Instrument :
MSVOA_N
ClientSampleId :
TT192D1-20250611

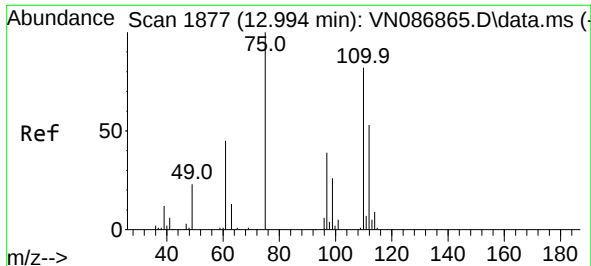
Tgt Ion:173 Resp: 799
Ion Ratio Lower Upper
173 100
175 958.8 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

Tgt Ion:152 Resp: 167802
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.5
150 158.6 0.0 345.0

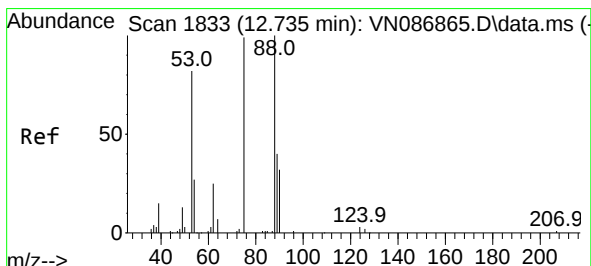
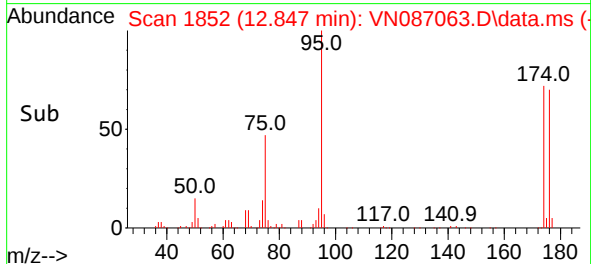
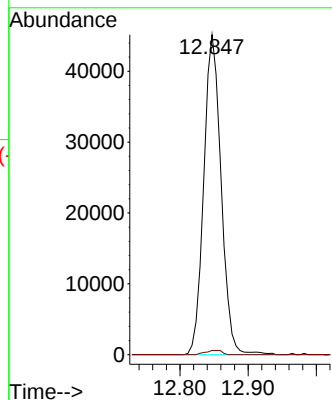
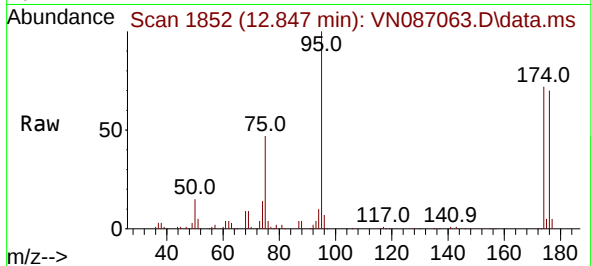




#76
1,2,3-Trichloropropane
Concen: 20.079 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

Instrument :
MSVOA_N
ClientSampleId :
TT192D1-20250611

Tgt Ion: 75 Resp: 80088
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.220 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087063.D
Acq: 17 Jun 2025 16:30

Tgt Ion: 75 Resp: 80088
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

