

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082830.D
 Acq On : 08 Jul 2024 18:37
 Operator : JC\MD
 Sample : P3169-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 09 06:07:15 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)

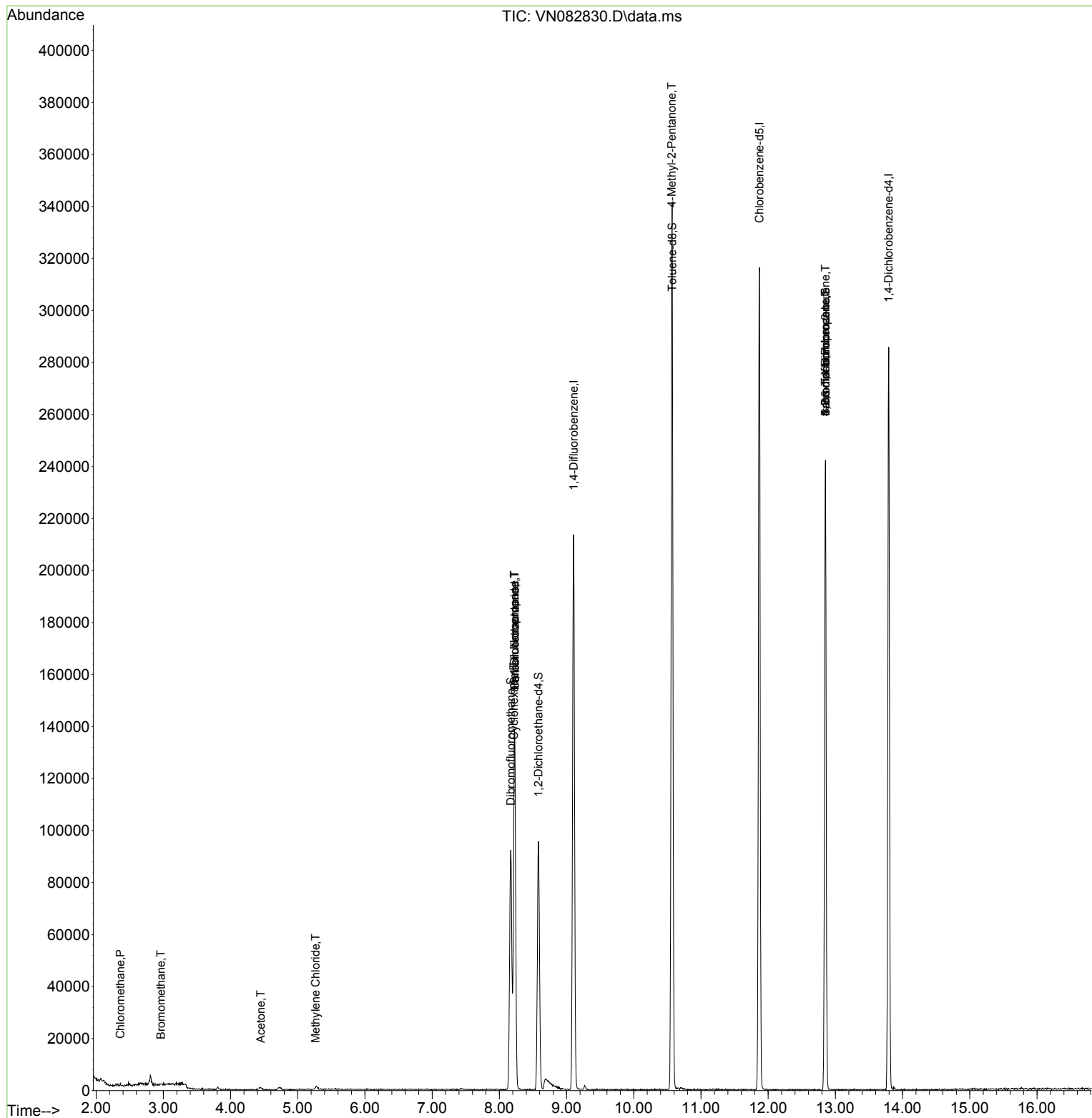
Internal Standards						
1) Pentafluorobenzene	8.230	168	98795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	180381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	177251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	80251	57.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.900%	
35) Dibromofluoromethane	8.171	113	66475	57.432	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.860%	
50) Toluene-d8	10.571	98	232647	54.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.840%	
62) 4-Bromofluorobenzene	12.853	95	79239	51.600	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	297	0.245	ug/l #	43
5) Bromomethane	2.965	94	314	0.342	ug/l #	1
16) Acetone	4.447	43	1969	4.038	ug/l	90
20) Methylene Chloride	5.265	84	900	0.764	ug/l #	53
31) Cyclohexane	8.218	56	2466	1.362	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	8722	5.465	ug/l #	50
38) Carbon Tetrachloride	8.230	117	10807	5.624	ug/l #	17
43) Isopropyl Acetate	8.694	43	4044	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1196	0.743	ug/l #	1
71) Bromoform	12.853	173	280	0.264	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	45346	35.382	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	45346	69.586	ug/l #	6

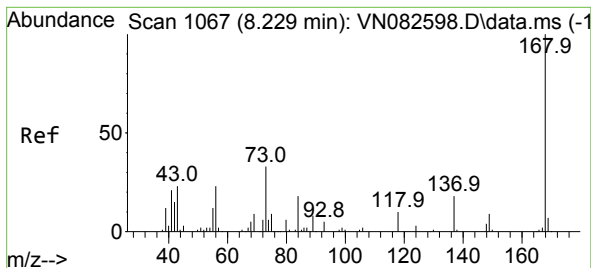
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.001 min

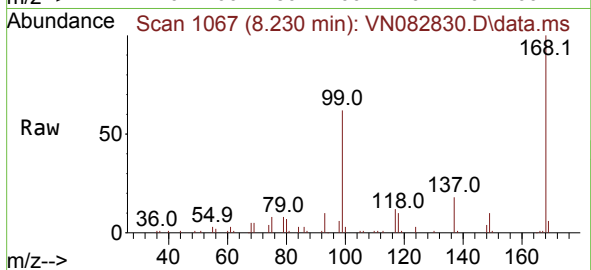
Lab File: VN082830.D

Acq: 08 Jul 2024 18:37

Instrument :

MSVOA_N

ClientSampleId :

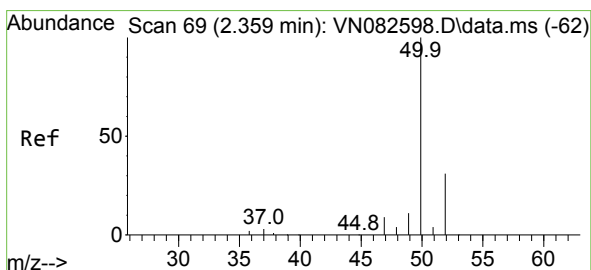
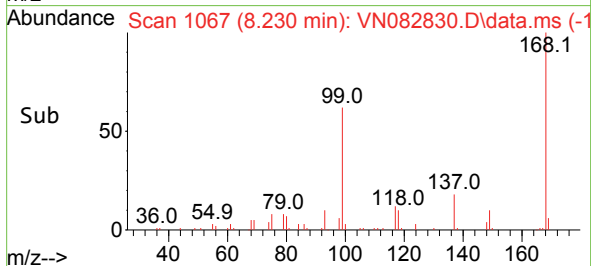
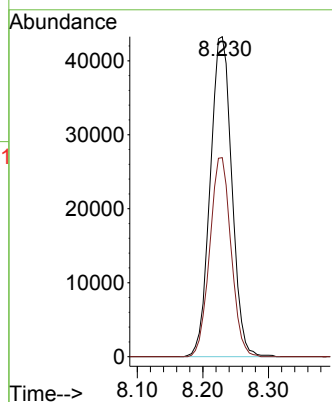


Tgt Ion:168 Resp: 98795

Ion Ratio Lower Upper

168 100

99 62.2 48.2 72.4



#3

Chloromethane

Concen: 0.245 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN082830.D

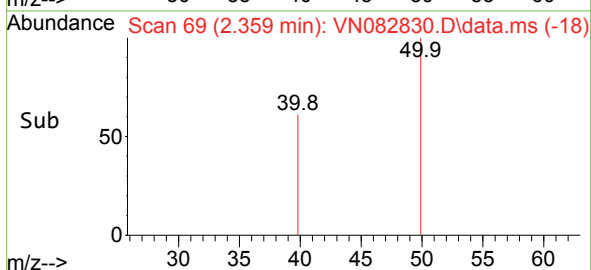
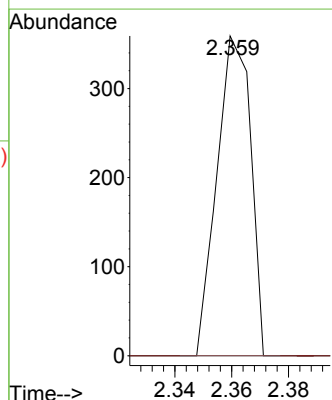
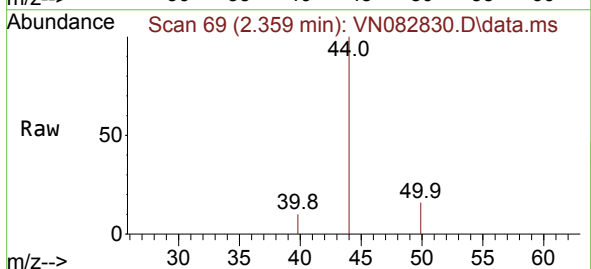
Acq: 08 Jul 2024 18:37

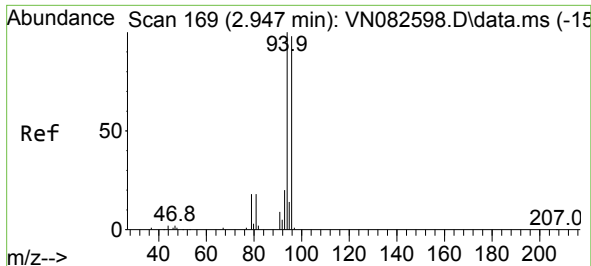
Tgt Ion: 50 Resp: 297

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

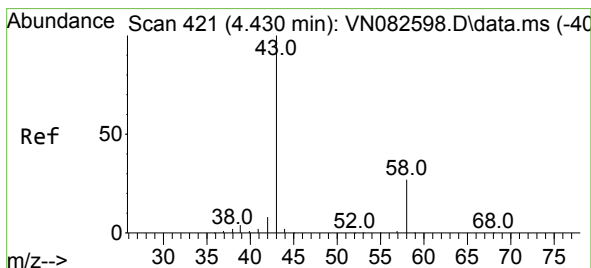
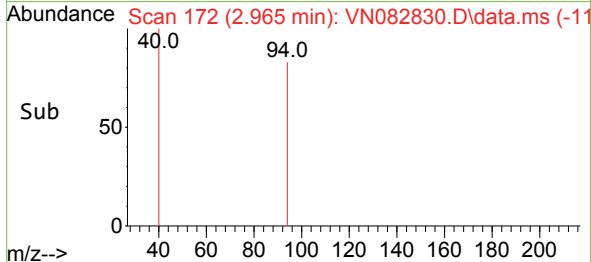
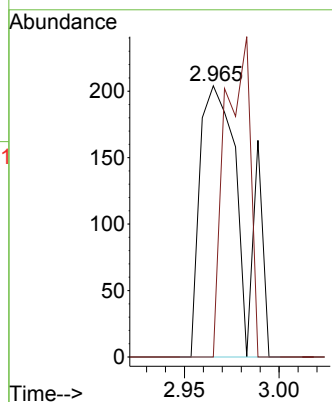
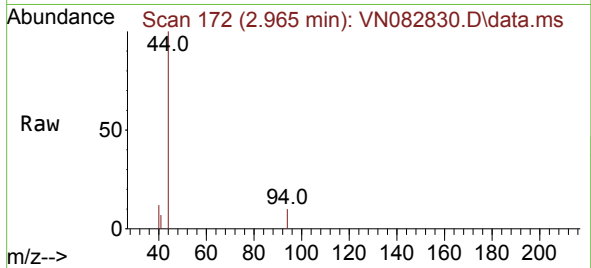




#5
Bromomethane
Concen: 0.342 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

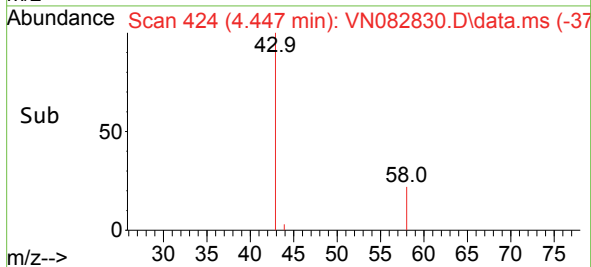
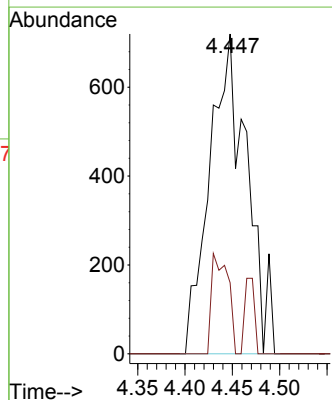
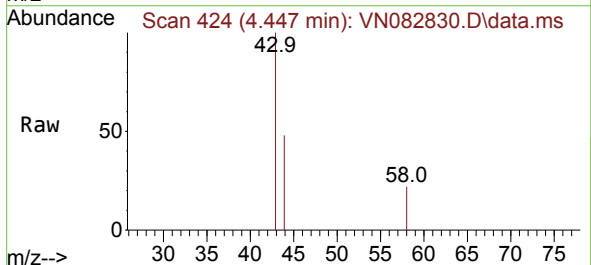
Instrument :
MSVOA_N
ClientSampleId :

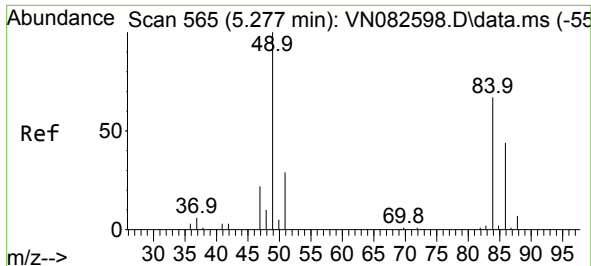
Tgt Ion: 94 Resp: 314
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#16
Acetone
Concen: 4.038 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

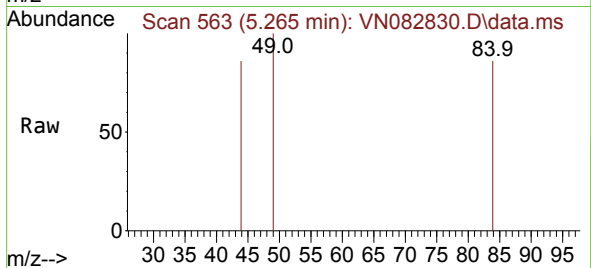
Tgt Ion: 43 Resp: 1969
Ion Ratio Lower Upper
43 100
58 22.2 21.8 32.6



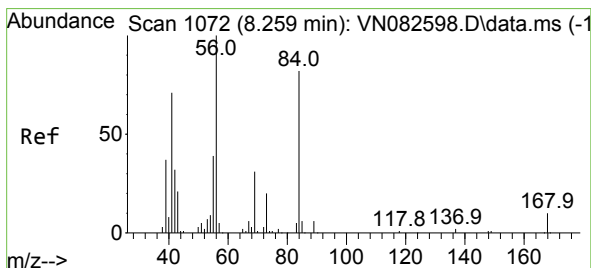
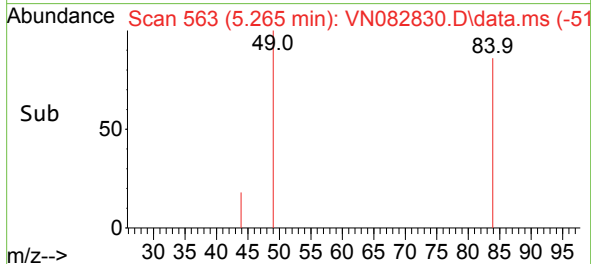
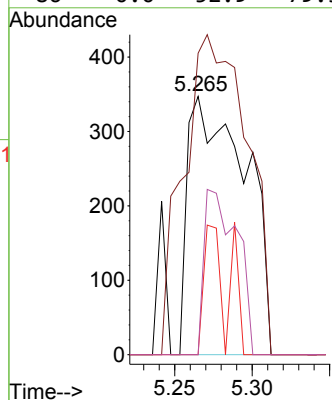


#20
Methylene Chloride
Concen: 0.764 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

Instrument :
MSVOA_N
ClientSampleId :

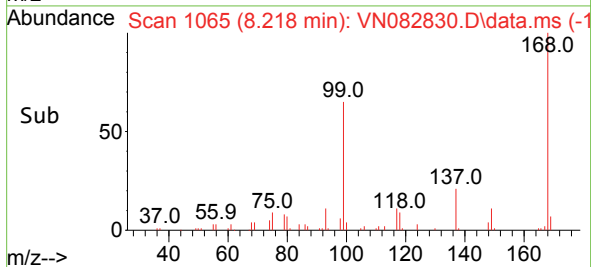
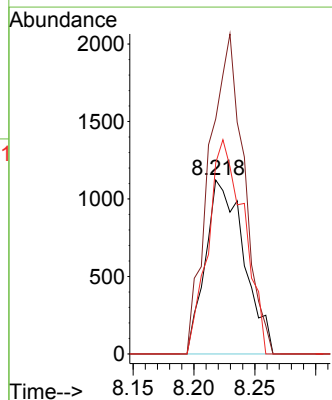
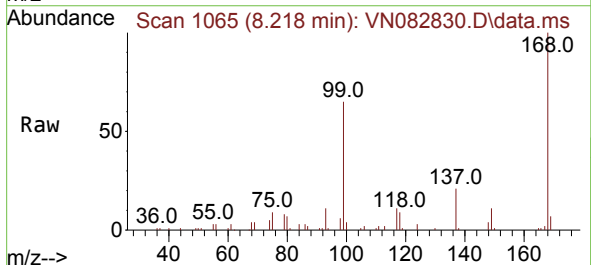


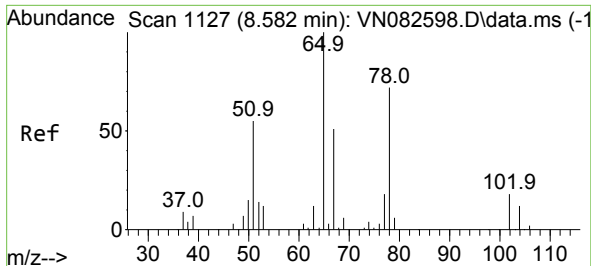
Tgt Ion: 84	Resp: 900
Ion Ratio	Lower Upper
84 100	
49 116.7	119.6 179.4#
51 0.0	34.8 52.2#
86 0.0	52.9 79.3#



#31
Cyclohexane
Concen: 1.362 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

Tgt Ion: 56	Resp: 2466
Ion Ratio	Lower Upper
56 100	
69 135.2	24.5 36.7#
84 109.9	66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 57.947 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082830.D

Acq: 08 Jul 2024 18:37

Instrument :

MSVOA_N

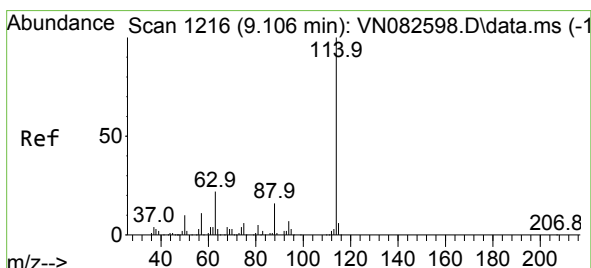
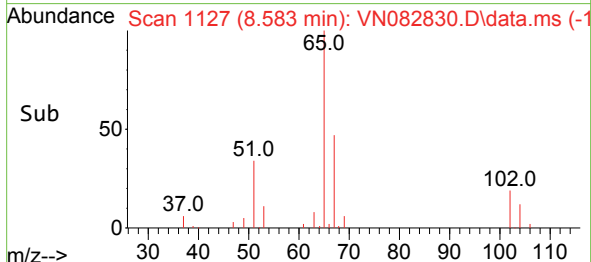
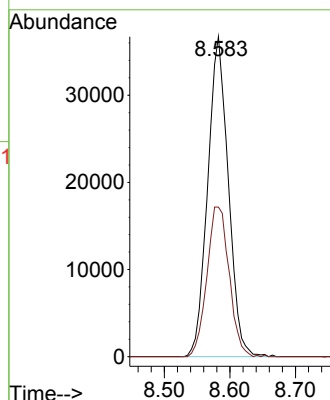
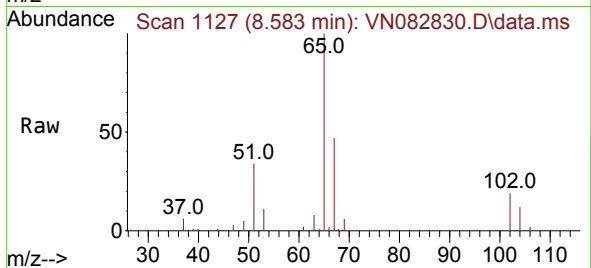
ClientSampleId :

Tgt Ion: 65 Resp: 80251

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082830.D

Acq: 08 Jul 2024 18:37

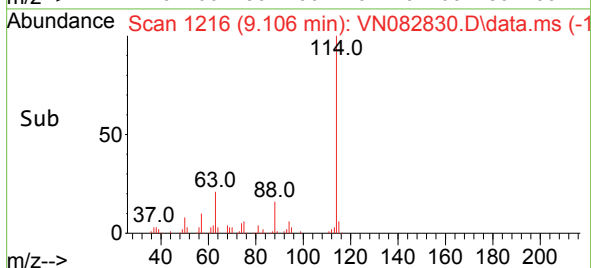
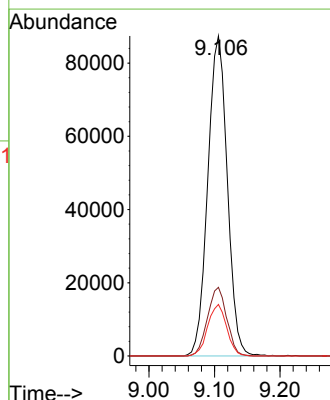
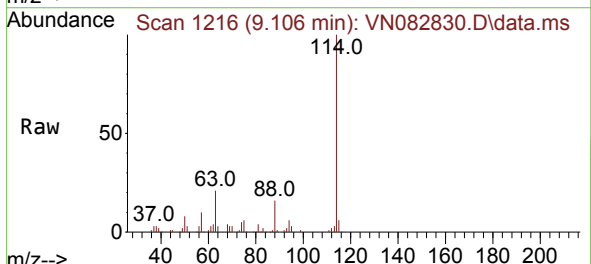
Tgt Ion: 114 Resp: 180381

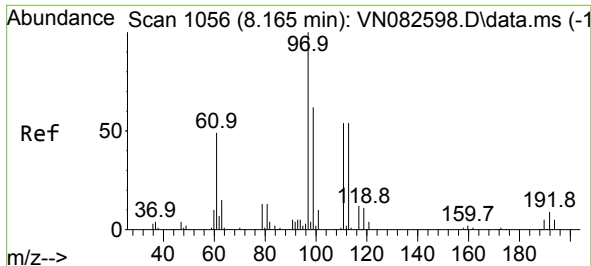
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

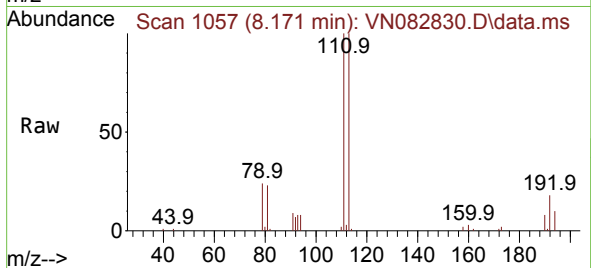
88 16.1 0.0 31.4



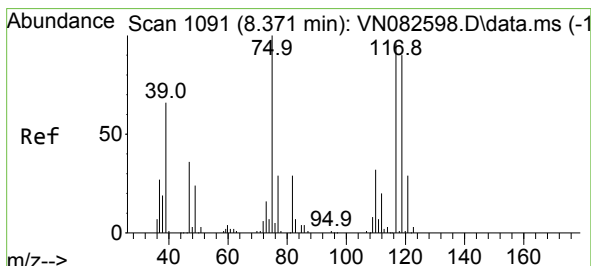
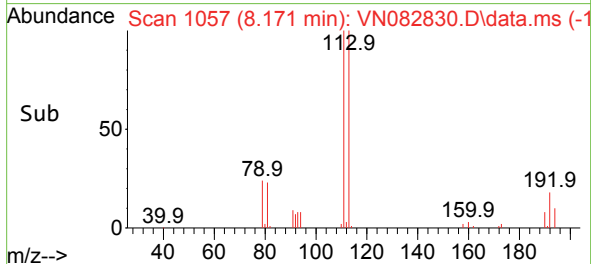
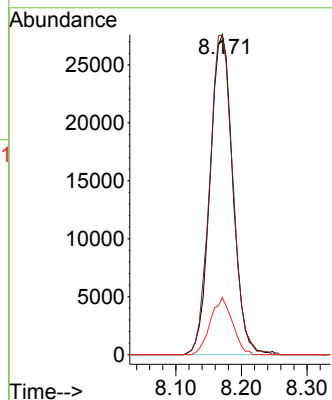


#35
Dibromofluoromethane
Concen: 57.432 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

Instrument :
MSVOA_N
ClientSampleId :

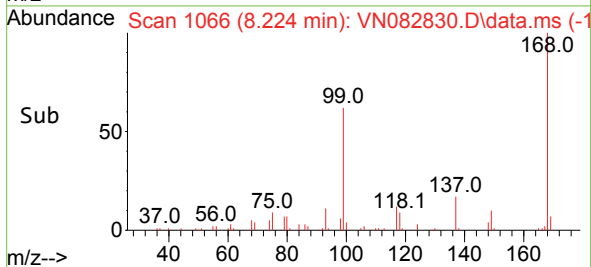
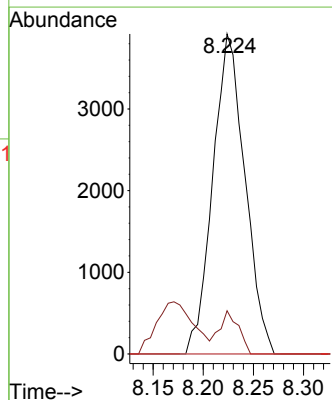
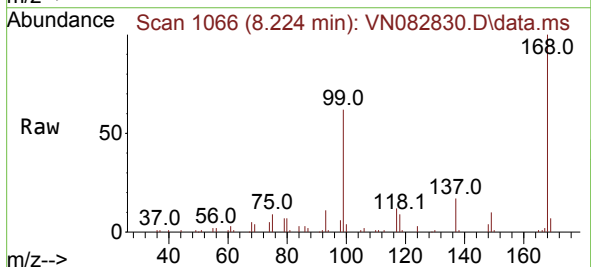


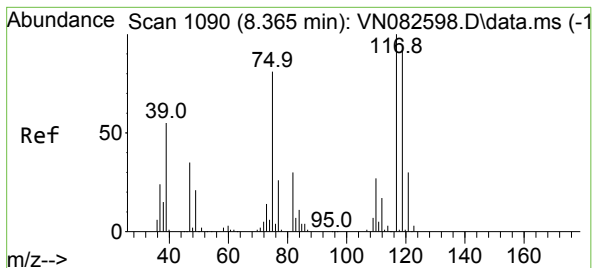
Tgt Ion:113 Resp: 66475
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 17.3 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.465 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

Tgt Ion: 75 Resp: 8722
Ion Ratio Lower Upper
75 100
110 8.1 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.624 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

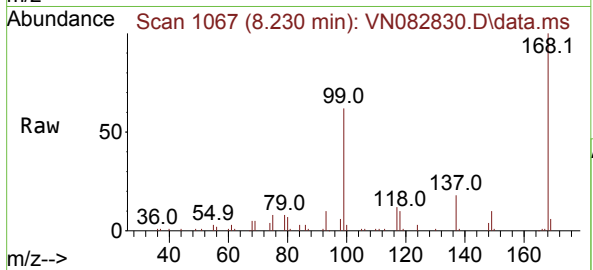
Lab File: VN082830.D

Acq: 08 Jul 2024 18:37

Instrument :

MSVOA_N

ClientSampleId :



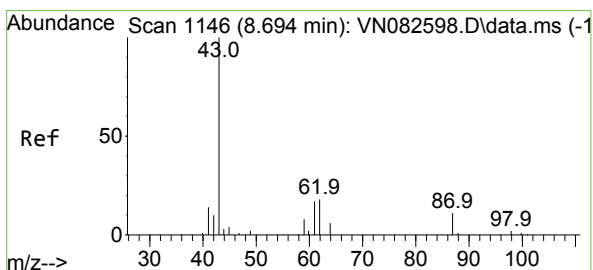
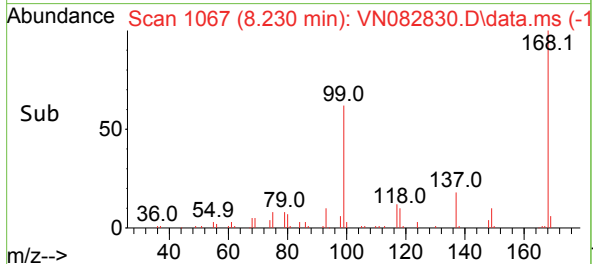
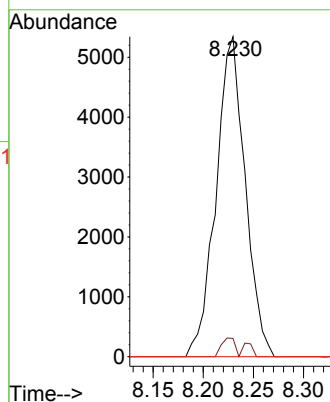
Tgt Ion:117 Resp: 10807

Ion Ratio Lower Upper

117 100

119 5.7 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082830.D

Acq: 08 Jul 2024 18:37

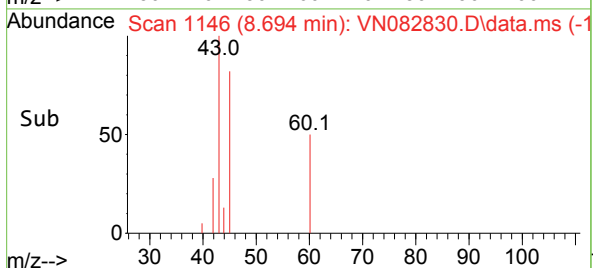
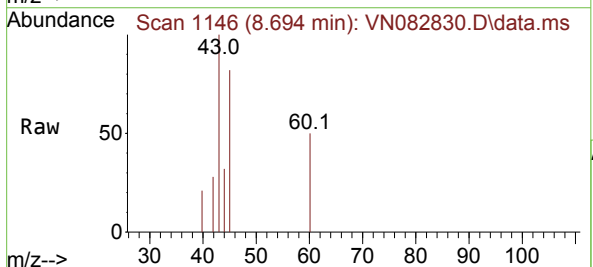
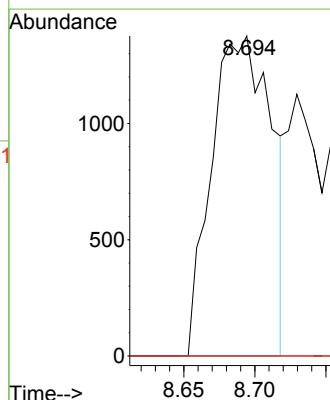
Tgt Ion: 43 Resp: 4044

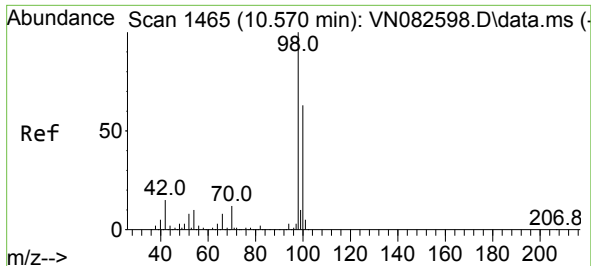
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

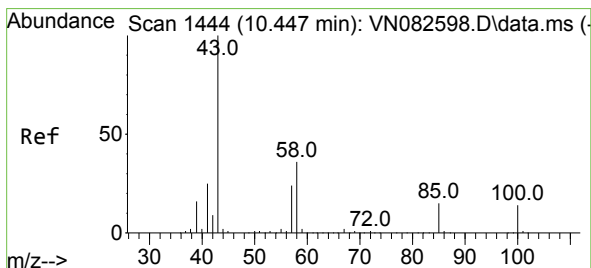
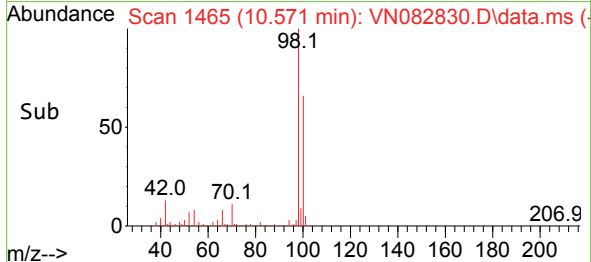
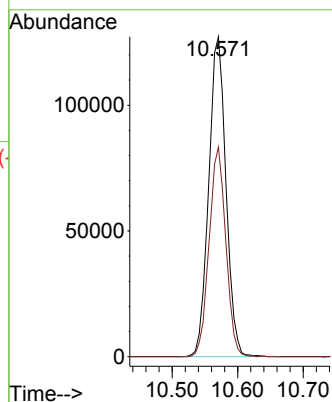
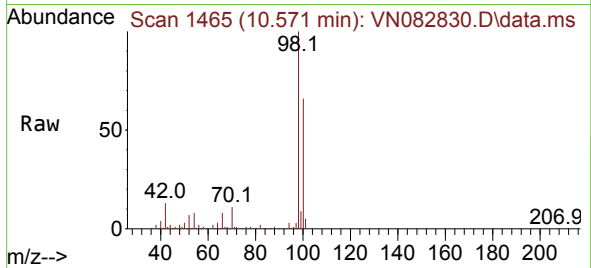




#50
Toluene-d8
Concen: 54.420 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

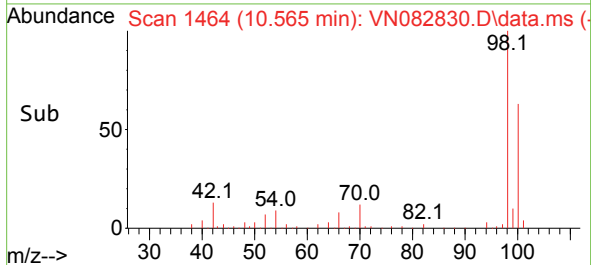
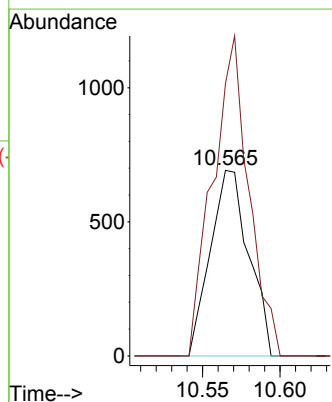
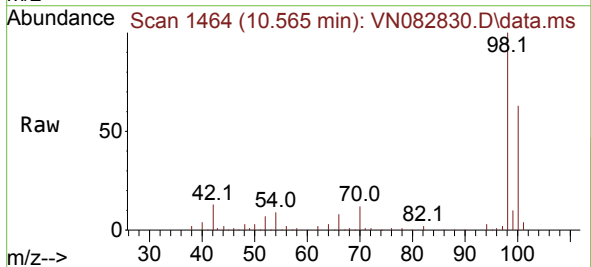
Instrument :
MSVOA_N
ClientSampleId :

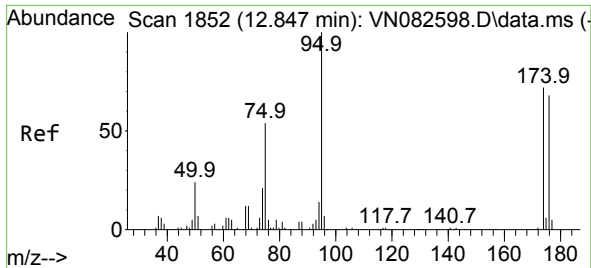
Tgt Ion: 98 Resp: 232647
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.743 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 161.2 28.2 42.4#

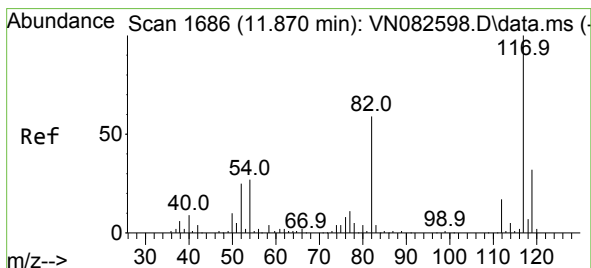
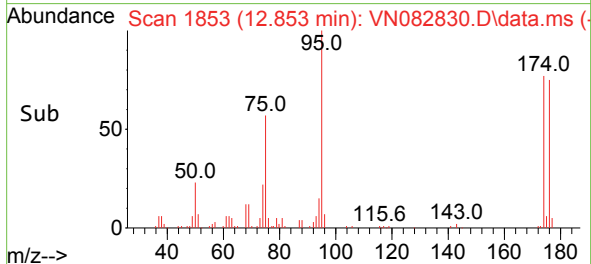
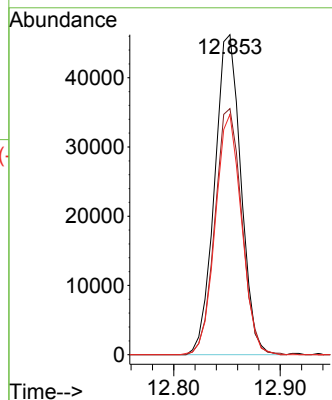
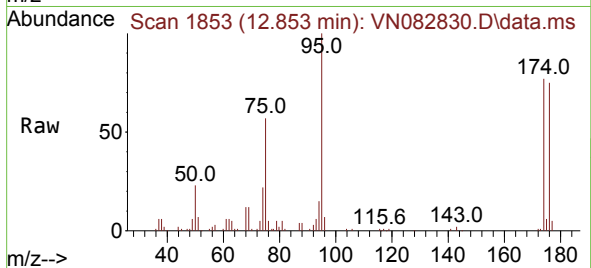




#62
4-Bromofluorobenzene
Concen: 51.600 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

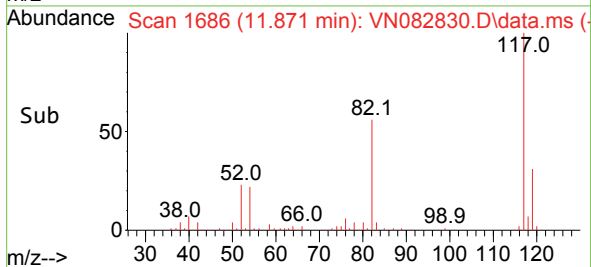
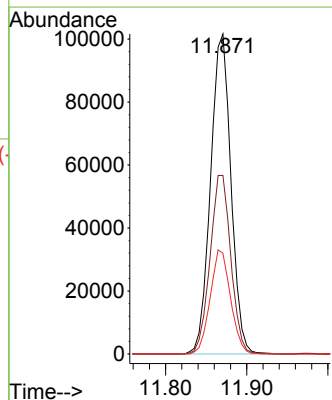
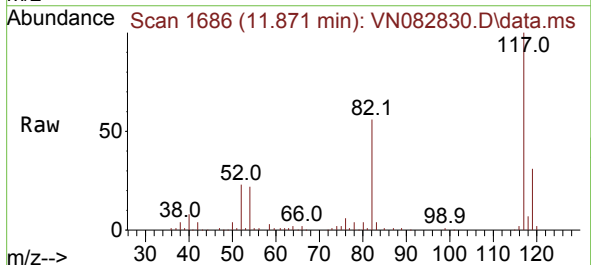
Instrument :
MSVOA_N
ClientSampleId :

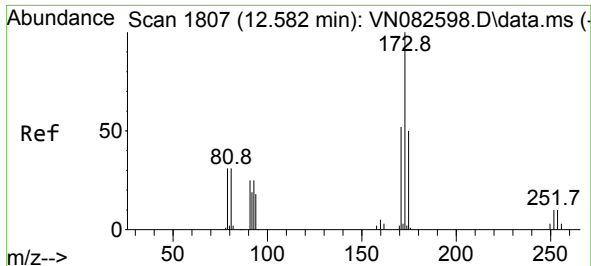
Tgt Ion: 95 Resp: 79239
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.2
176 74.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

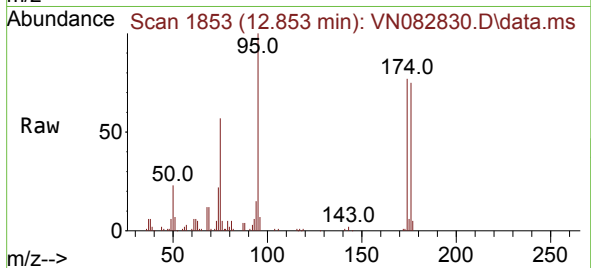
Tgt Ion: 117 Resp: 177251
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 31.4 25.6 38.4



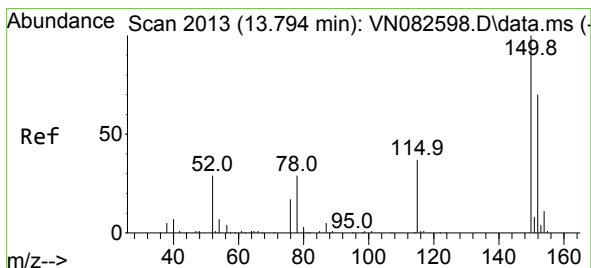
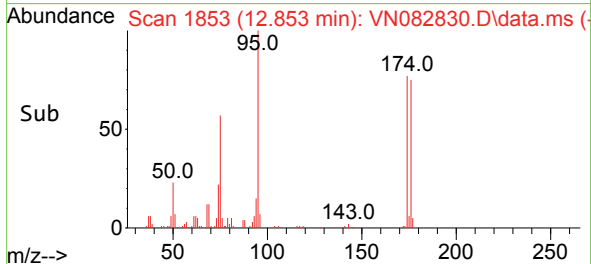
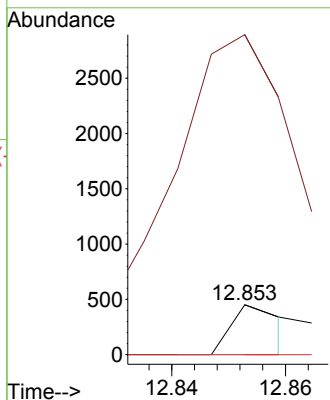


#71
Bromoform
Concen: 0.264 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

Instrument :
MSVOA_N
ClientSampleId :

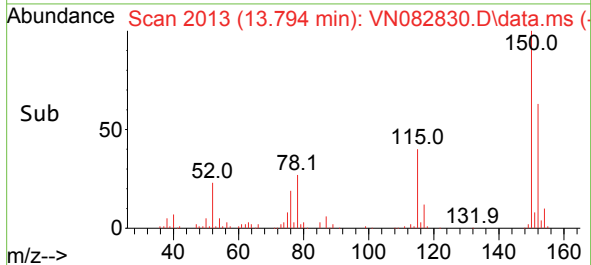
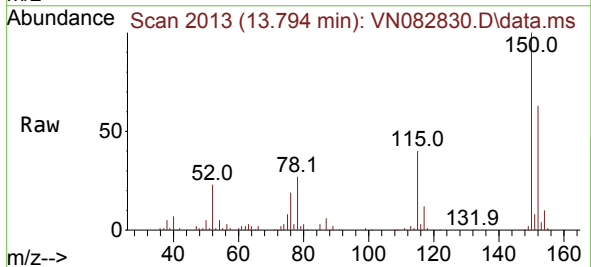
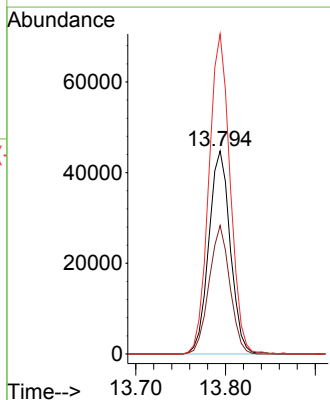


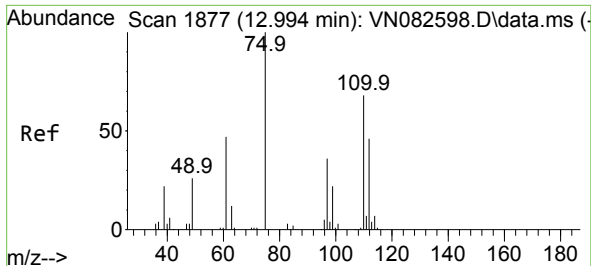
Tgt Ion:173 Resp: 280
Ion Ratio Lower Upper
173 100
175 1405.7 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082830.D
Acq: 08 Jul 2024 18:37

Tgt Ion:152 Resp: 74337
Ion Ratio Lower Upper
152 100
115 61.3 30.6 91.6
150 155.9 0.0 348.6

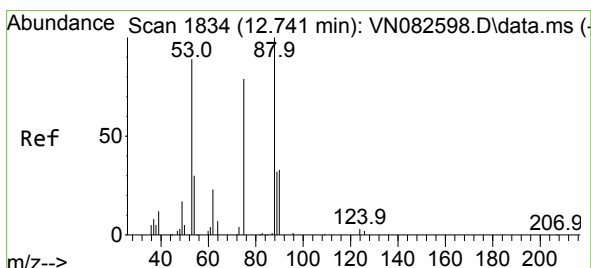
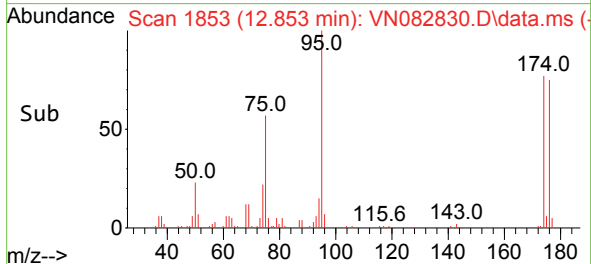
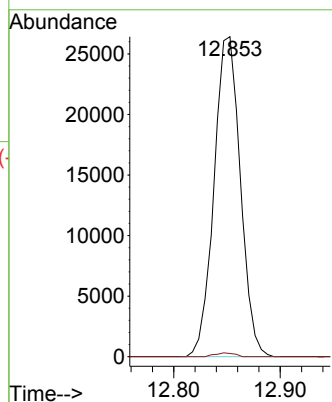
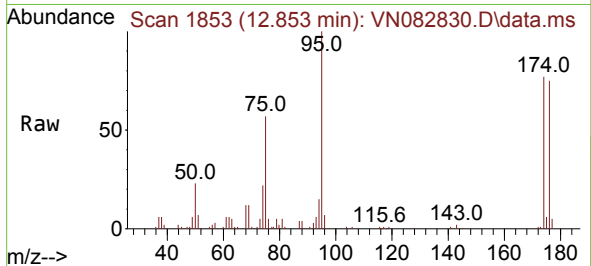




#76
 1,2,3-Trichloropropane
 Concen: 35.382 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082830.D
 Acq: 08 Jul 2024 18:37

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 45346
 Ion Ratio Lower Upper
 75 100
 77 0.9 110.9 332.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.586 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN082830.D
 Acq: 08 Jul 2024 18:37

Tgt Ion: 75 Resp: 45346
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

