

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082866.D
 Acq On : 11 Jul 2024 10:56
 Operator : JC\MD
 Sample : VN0711WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 12 01:02:45 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	129774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96973	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	90359	49.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.340%
35) Dibromofluoromethane	8.171	113	74355	48.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	10.565	98	266725	47.282	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.847	95	92150	45.476	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.960%

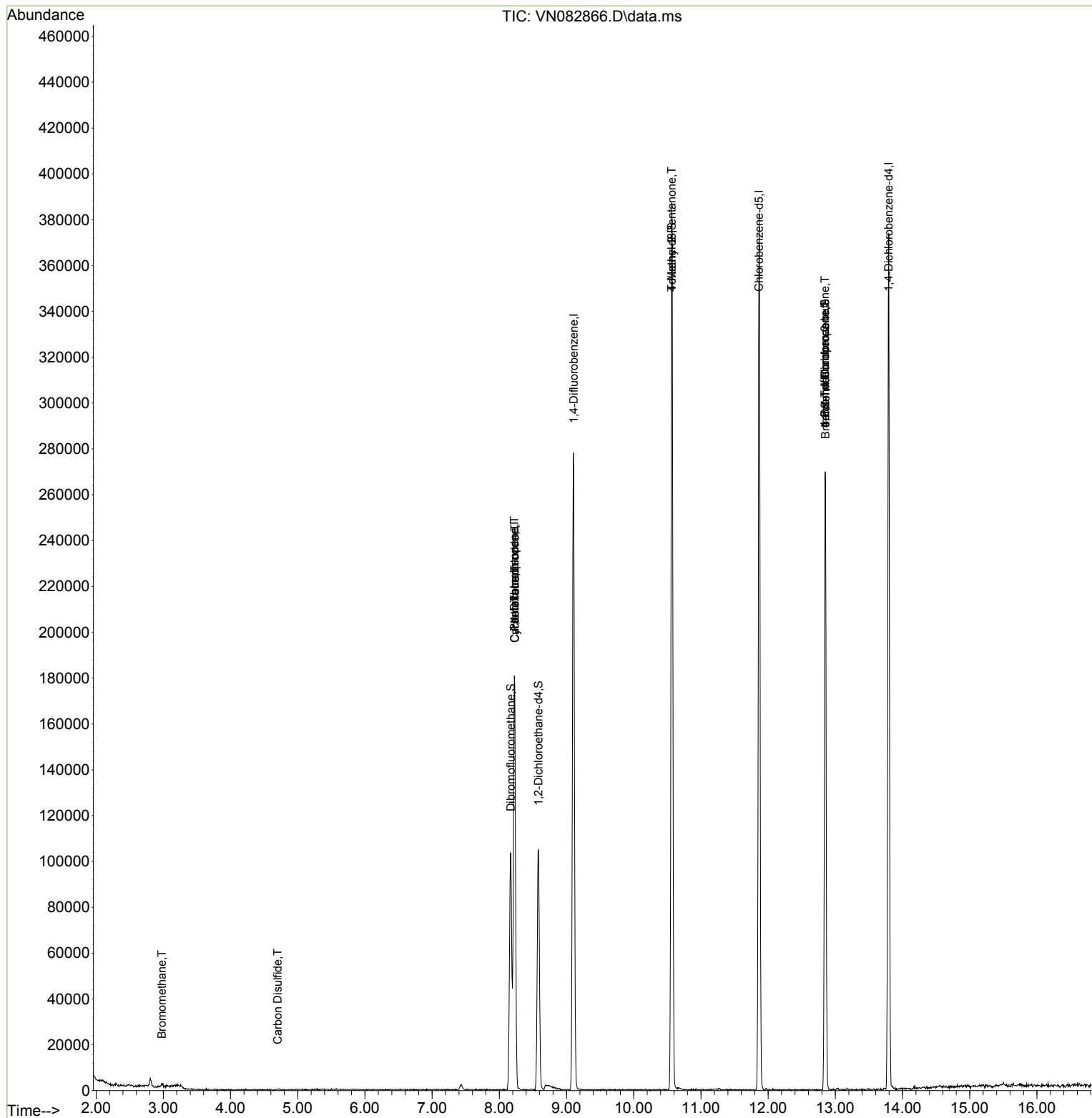
Target Compounds					Qvalue	
5) Bromomethane	2.977	94	504	0.418	ug/l #	53
17) Carbon Disulfide	4.701	76	934	0.236	ug/l #	75
31) Cyclohexane	8.230	56	3140	1.320	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	11136	5.288	ug/l #	51
38) Carbon Tetrachloride	8.230	117	13321	5.254	ug/l #	18
43) Isopropyl Acetate	8.683	43	1698	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1259	0.592	ug/l #	1
71) Bromoform	12.853	173	620	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	50261	30.063	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	50261	59.125	ug/l #	6

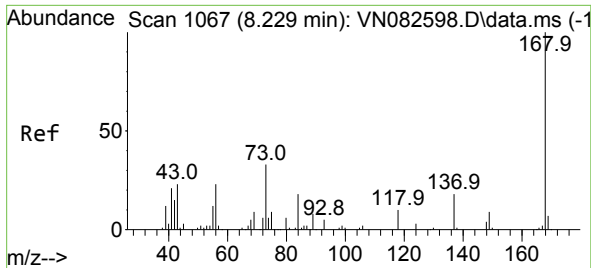
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 08 13:46:04 2024
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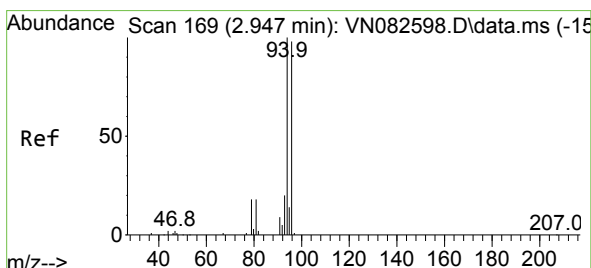
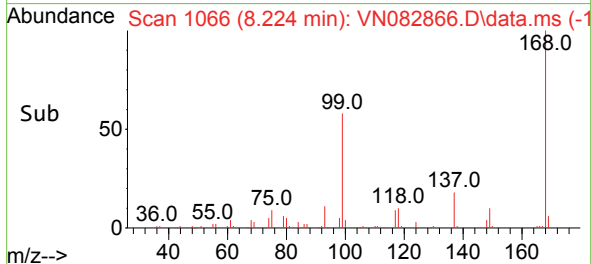
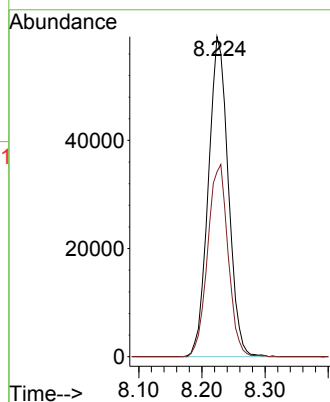
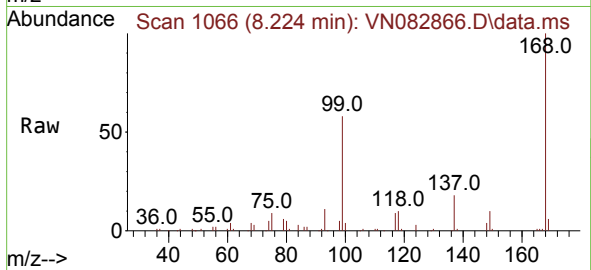




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

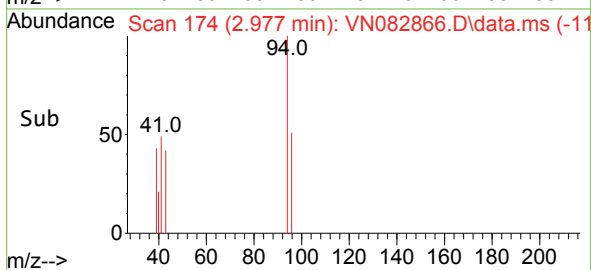
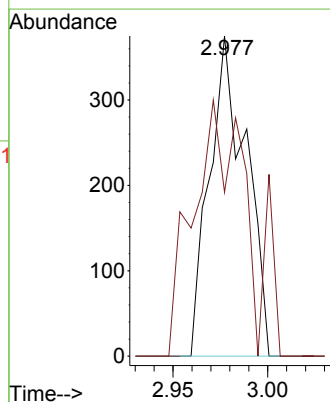
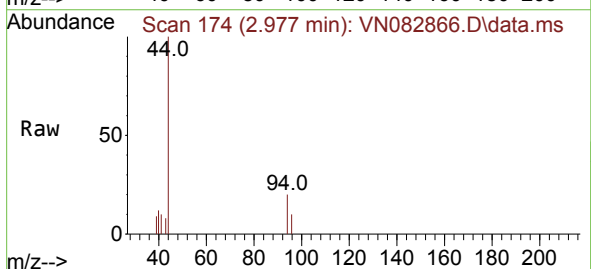
Instrument :
MSVOA_N
ClientSampleId :

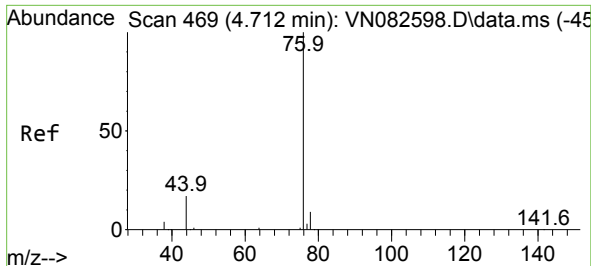
Tgt Ion:168 Resp: 129774
Ion Ratio Lower Upper
168 100
99 57.7 48.2 72.4



#5
Bromomethane
Concen: 0.418 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 51.2 78.0 117.0#

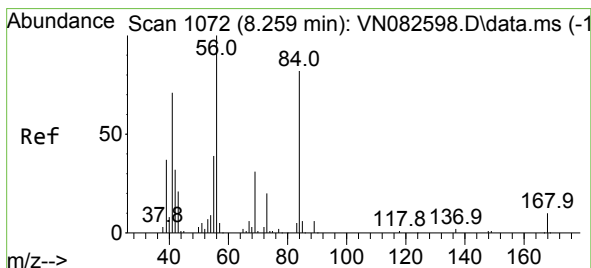
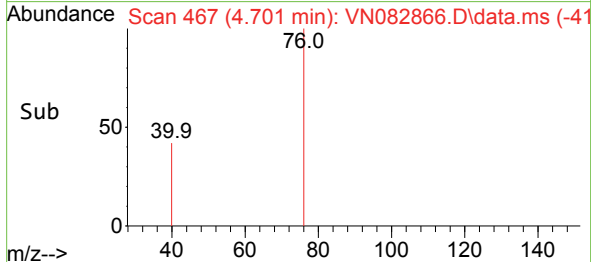
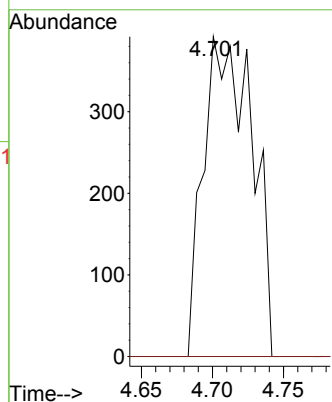
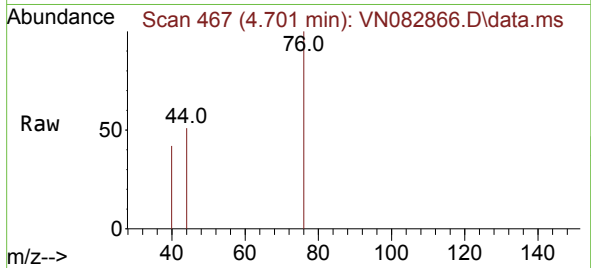




#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 4.701 min Scan# 41
Delta R.T. -0.011 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

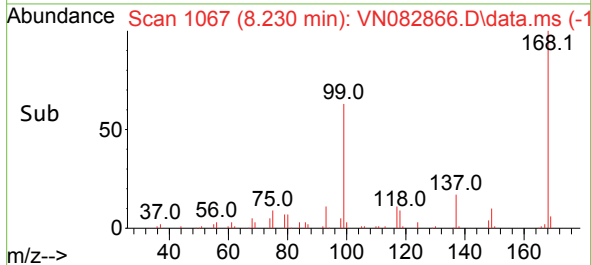
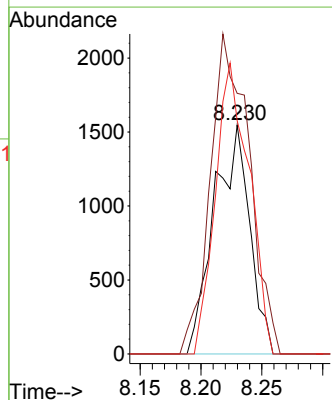
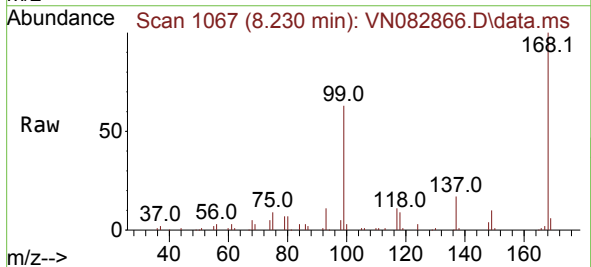
Instrument :
MSVOA_N
ClientSampleId :

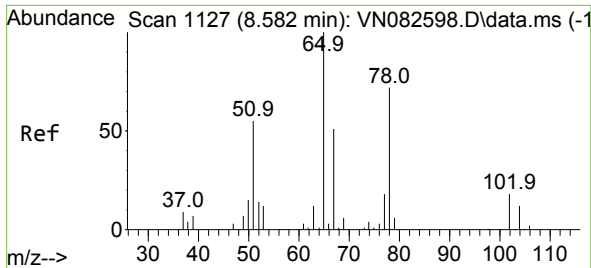
Tgt Ion: 76 Resp: 934
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.320 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

Tgt Ion: 56 Resp: 3140
Ion Ratio Lower Upper
56 100
69 113.8 24.5 36.7#
84 101.9 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 49.671 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082866.D

Acq: 11 Jul 2024 10:56

Instrument :

MSVOA_N

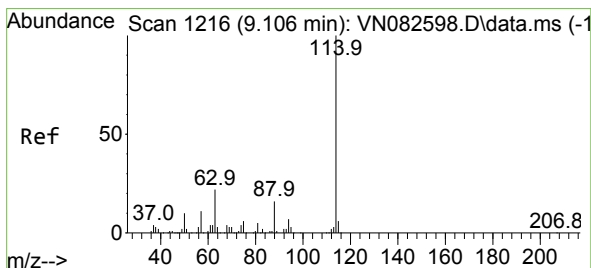
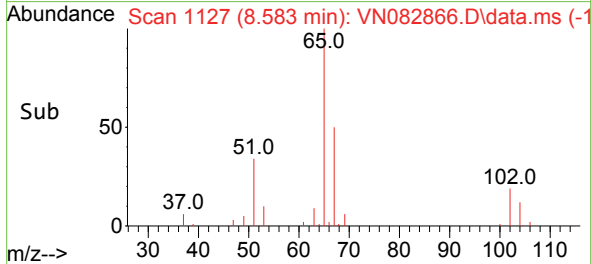
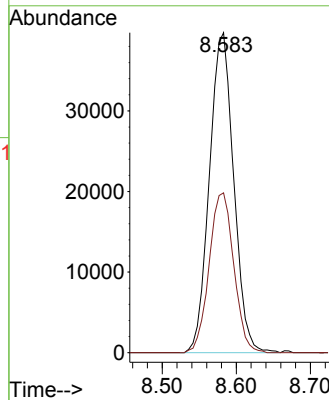
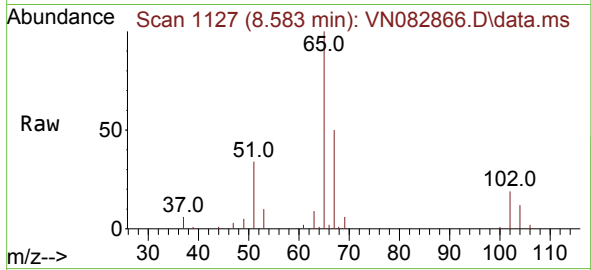
ClientSampleId :

Tgt Ion: 65 Resp: 90359

Ion Ratio Lower Upper

65 100

67 50.7 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: VN082866.D

Acq: 11 Jul 2024 10:56

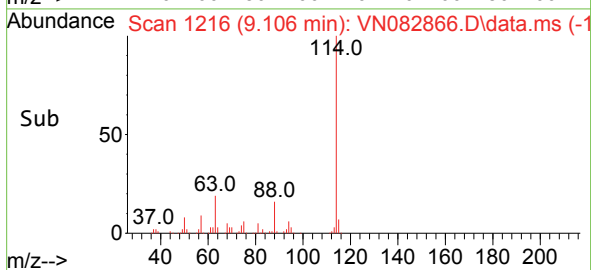
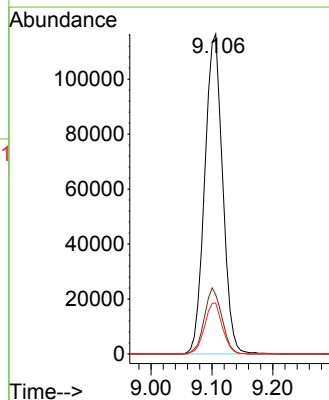
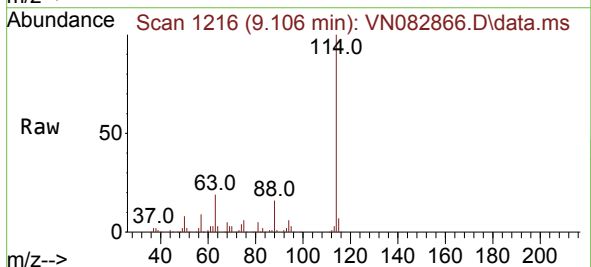
Tgt Ion: 114 Resp: 238023

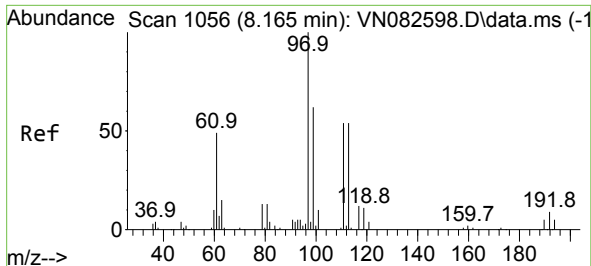
Ion Ratio Lower Upper

114 100

63 18.5 0.0 44.6

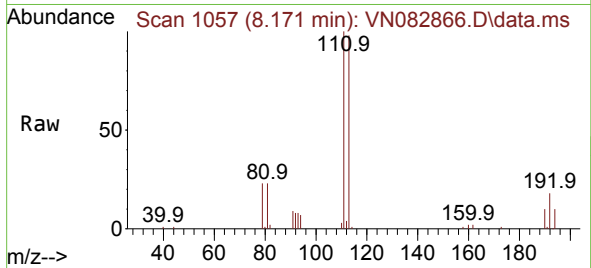
88 15.9 0.0 31.4



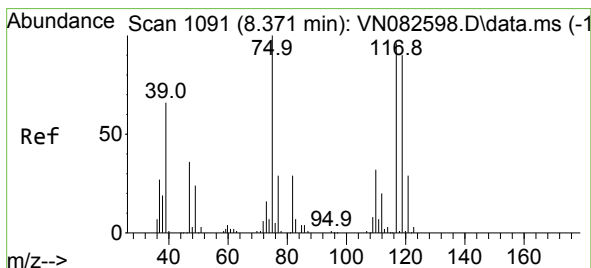
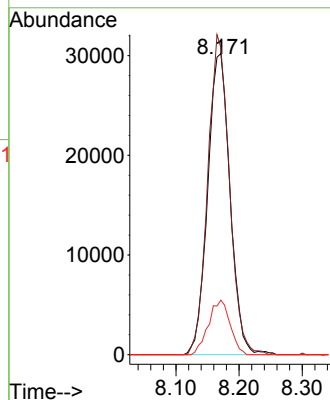
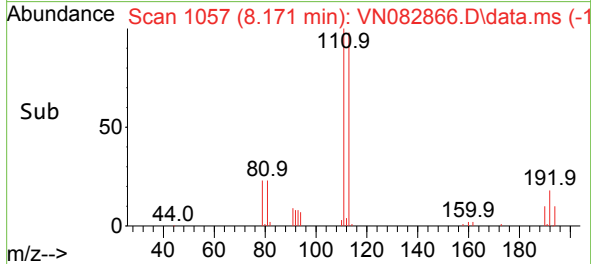


#35
Dibromofluoromethane
Concen: 48.683 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :

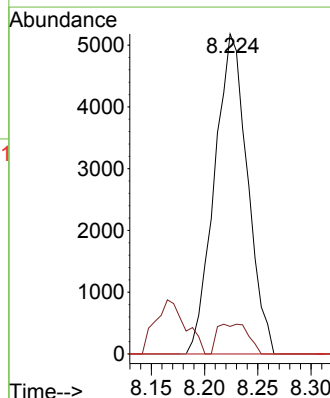
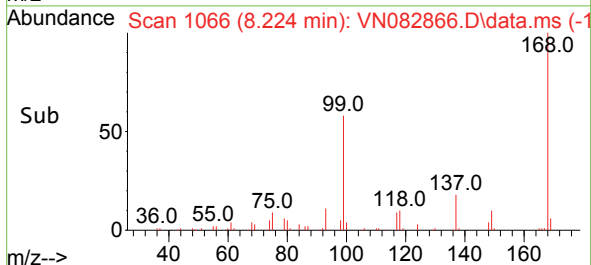
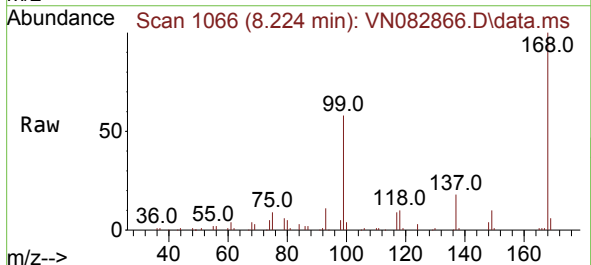


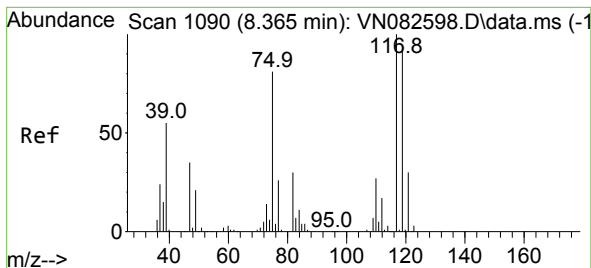
Tgt Ion:113 Resp: 74355
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 17.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.288 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

Tgt Ion: 75 Resp: 11136
Ion Ratio Lower Upper
75 100
110 8.8 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.254 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

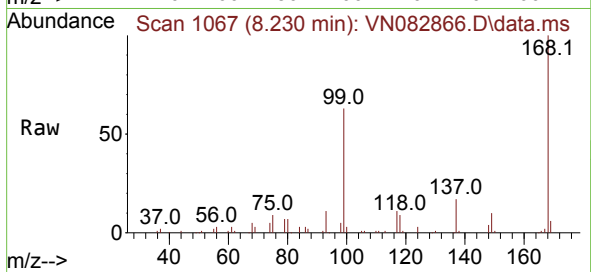
Lab File: VN082866.D

Acq: 11 Jul 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :



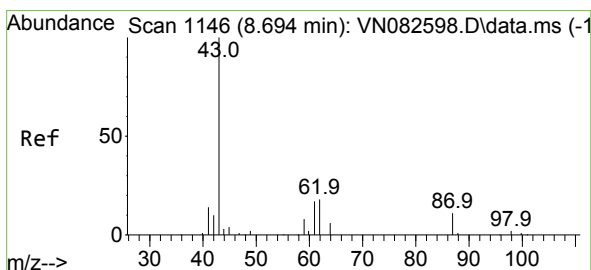
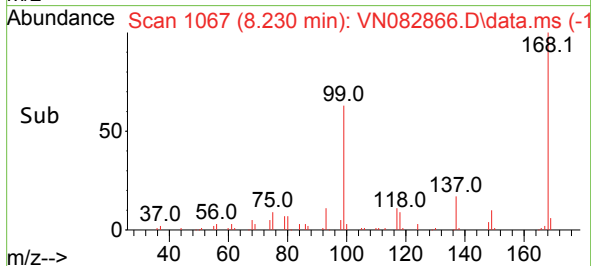
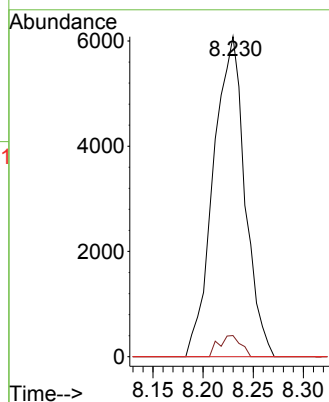
Tgt Ion:117 Resp: 13321

Ion Ratio Lower Upper

117 100

119 6.6 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.683 min Scan# 1144

Delta R.T. -0.011 min

Lab File: VN082866.D

Acq: 11 Jul 2024 10:56

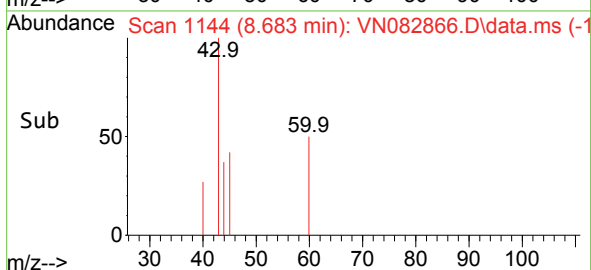
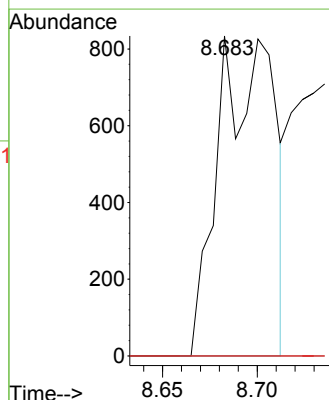
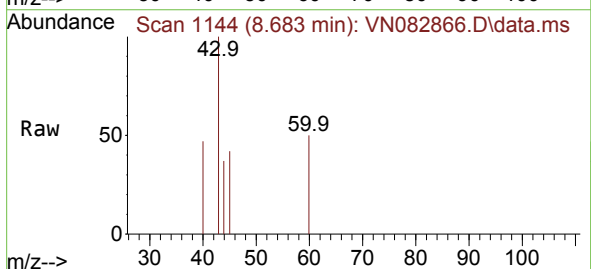
Tgt Ion: 43 Resp: 1698

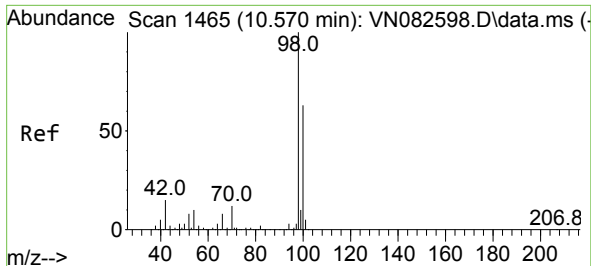
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

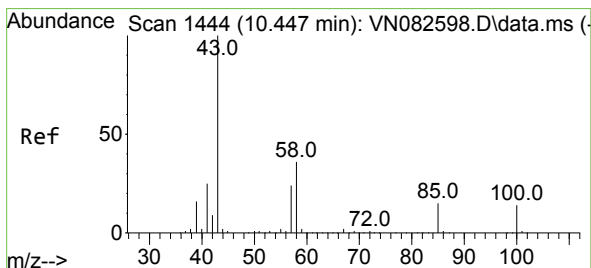
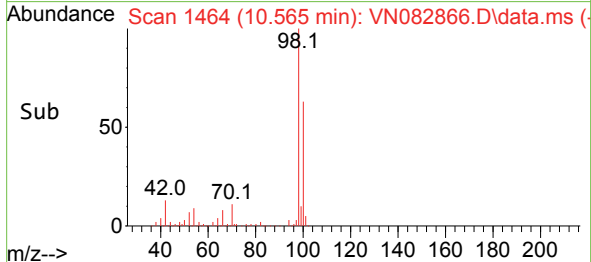
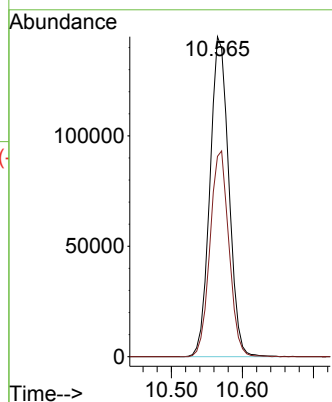
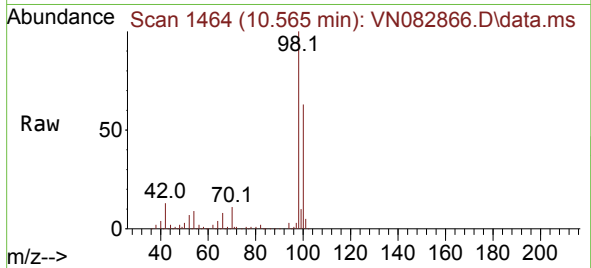




#50
Toluene-d8
Concen: 47.282 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.005 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

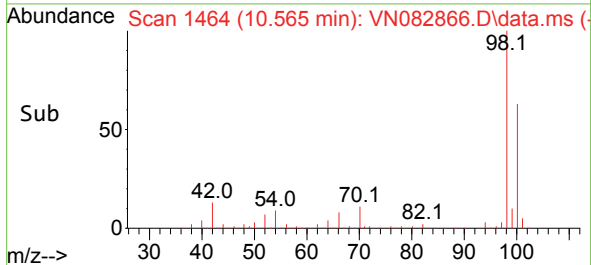
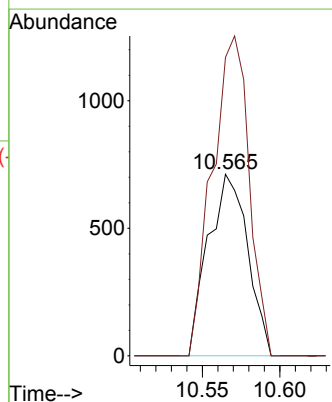
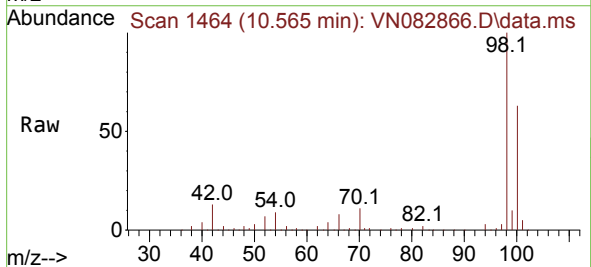
Instrument :
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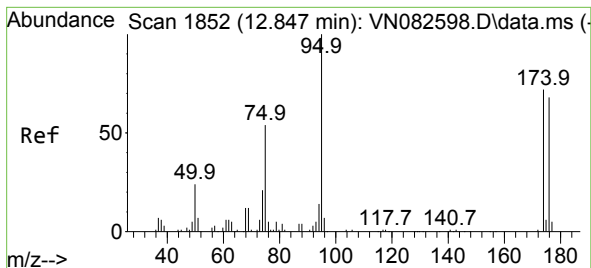
Tgt Ion: 98 Resp: 266725
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 164.7 28.2 42.4#

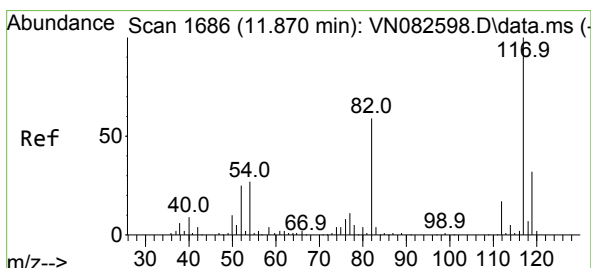
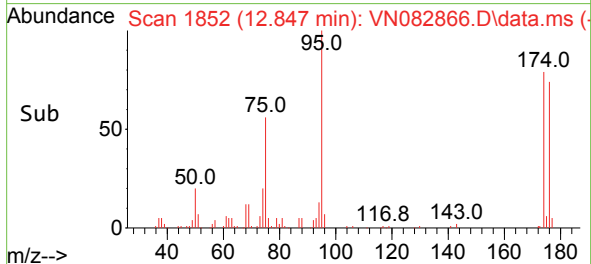
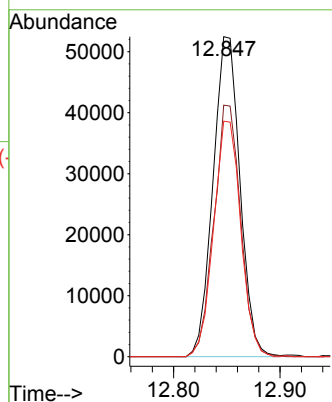
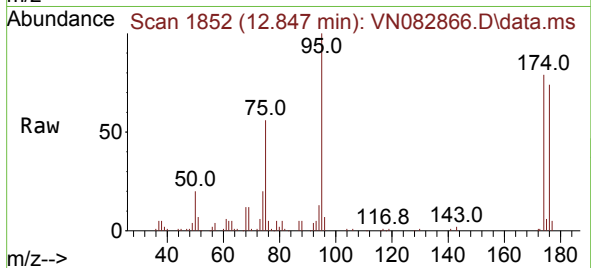




#62
4-Bromofluorobenzene
Concen: 45.476 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

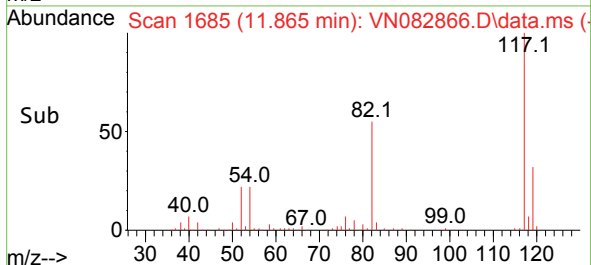
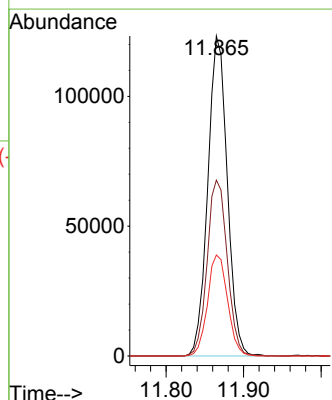
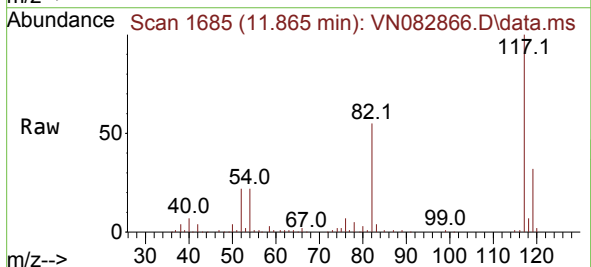
Instrument :
MSVOA_N
ClientSampleId :

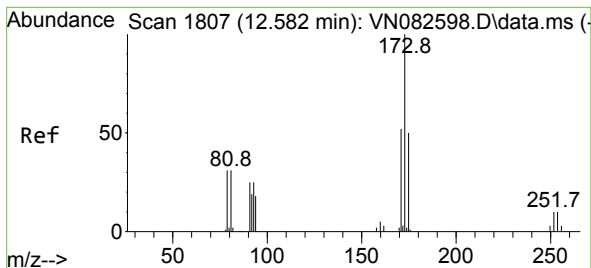
Tgt Ion: 95 Resp: 92150
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.2
176 73.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

Tgt Ion: 117 Resp: 214993
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 31.6 25.6 38.4





#71

Bromoform

Concen: 0.481 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

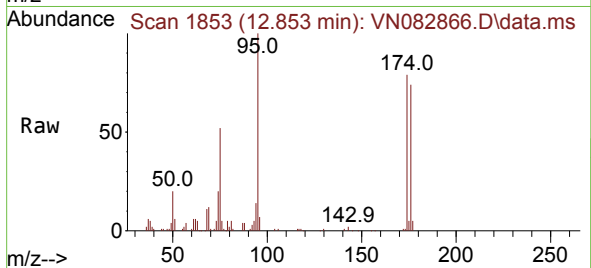
Lab File: VN082866.D

Acq: 11 Jul 2024 10:56

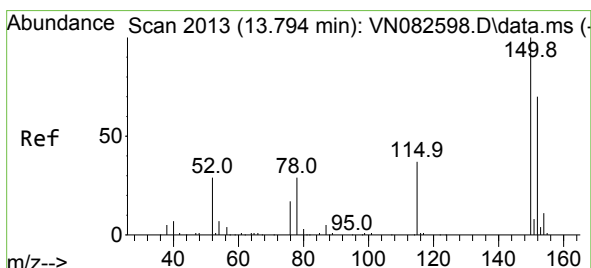
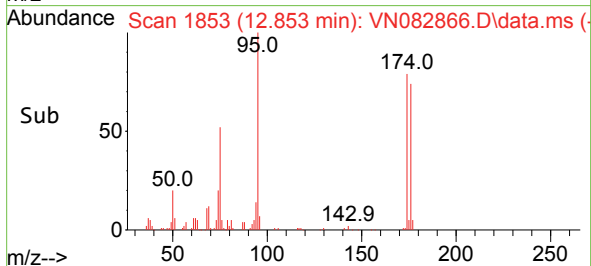
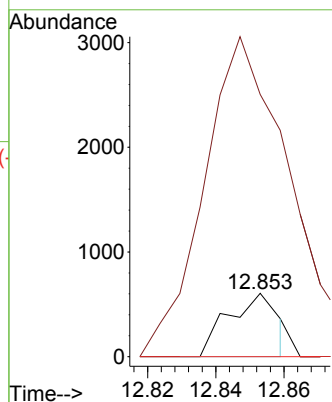
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	620
Ion Ratio	Lower	Upper	
173	100		
175	715.5	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

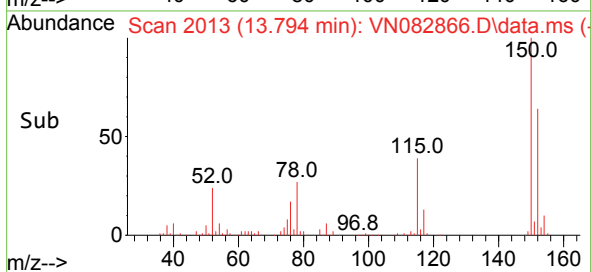
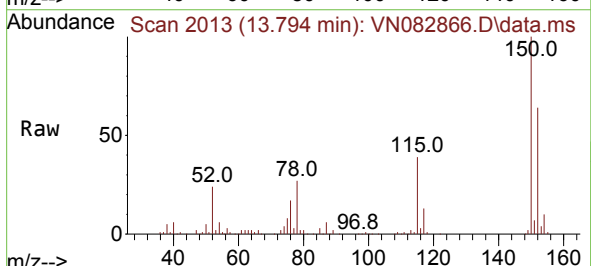
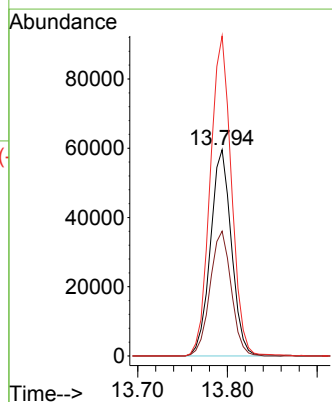
RT: 13.794 min Scan# 2013

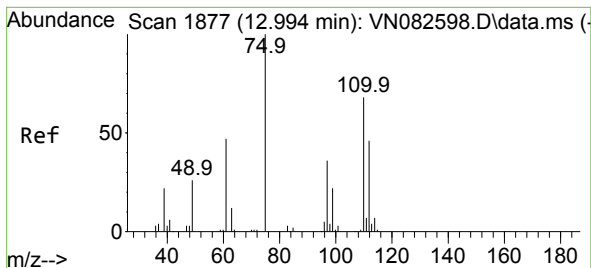
Delta R.T. 0.000 min

Lab File: VN082866.D

Acq: 11 Jul 2024 10:56

Tgt Ion:	152	Resp:	96973
Ion Ratio	Lower	Upper	
152	100		
115	60.9	30.6	91.6
150	156.5	0.0	348.6

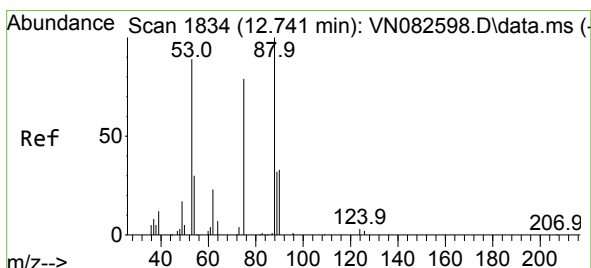
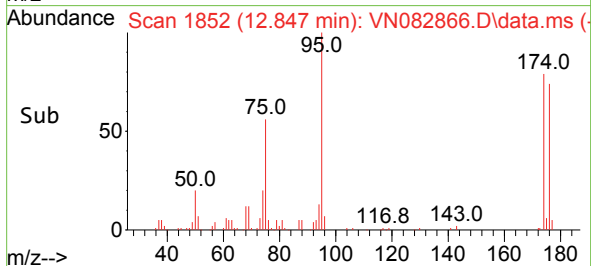
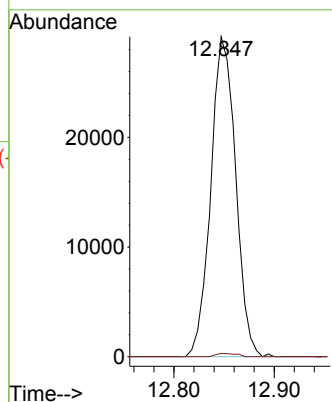
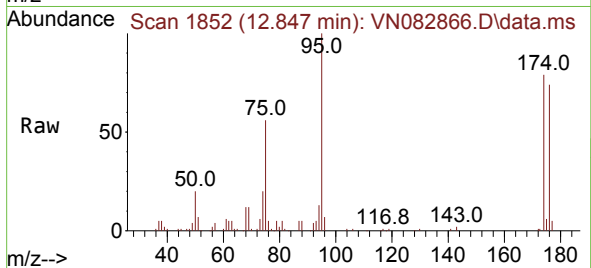




#76
1,2,3-Trichloropropane
Concen: 30.063 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 50261
Ion Ratio Lower Upper
75 100
77 0.8 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.125 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082866.D
Acq: 11 Jul 2024 10:56

Tgt Ion: 75 Resp: 50261
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

