

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083047.D
 Acq On : 26 Jul 2024 13:22
 Operator : JC\MD
 Sample : P3323-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:05:38 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)

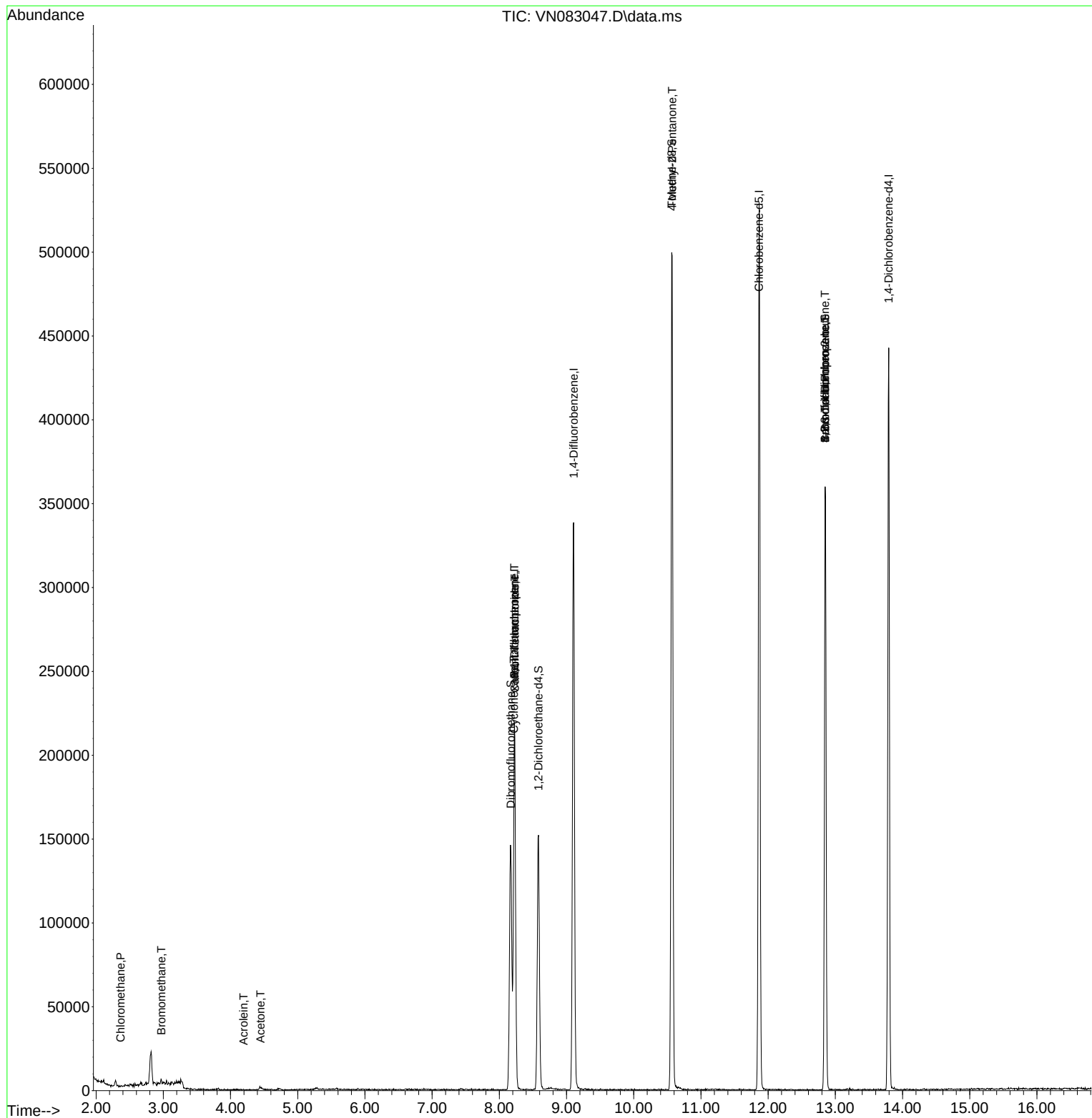
Internal Standards						
1) Pentafluorobenzene	8.224	168	147920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123393	59.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.020%	
35) Dibromofluoromethane	8.171	113	104038	57.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.100%	
50) Toluene-d8	10.565	98	340937	50.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.847	95	110687	45.751	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 91.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.366	50	772	0.425	ug/l #	43
5) Bromomethane	2.971	94	665	0.484	ug/l #	49
13) Acrolein	4.195	56	59	0.234	ug/l #	14
16) Acetone	4.448	43	2782	3.811	ug/l #	76
31) Cyclohexane	8.218	56	4265	1.573	ug/l #	29
36) 1,1-Dichloropropene	8.224	75	13482	5.362	ug/l #	47
38) Carbon Tetrachloride	8.230	117	15930	5.262	ug/l #	18
43) Isopropyl Acetate	8.683	43	65	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1828	0.720	ug/l #	1
71) Bromoform	12.847	173	1127	0.643	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66252	33.688	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66252	66.255	ug/l #	6

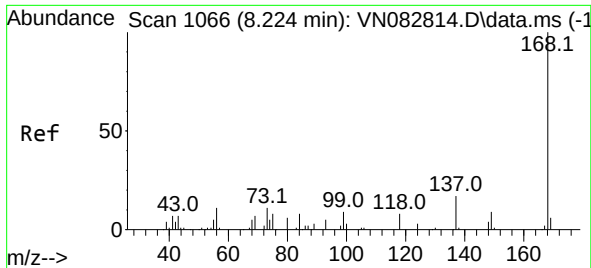
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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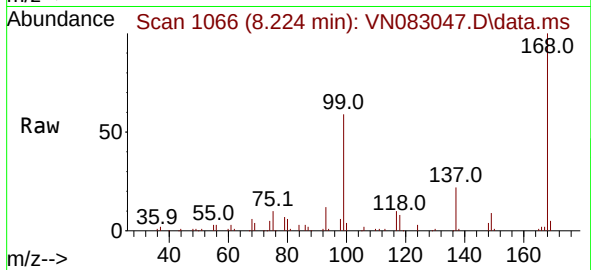
Quant Time: Jul 26 23:05:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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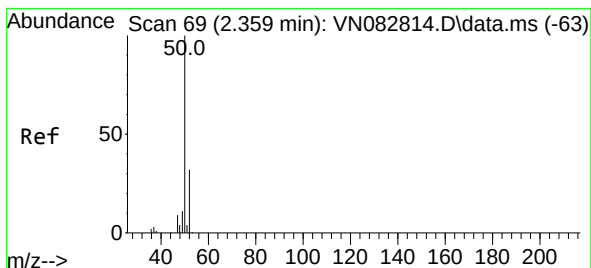
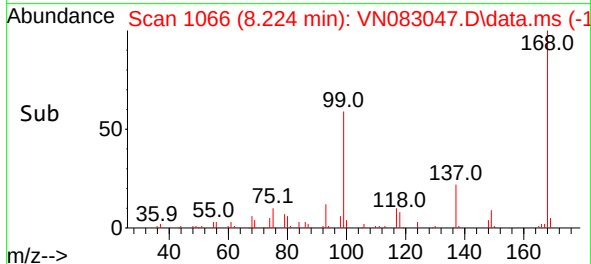
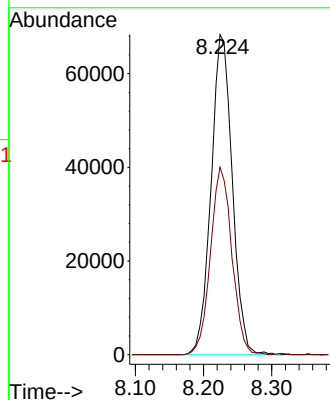


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

Instrument :
MSVOA_N
ClientSampleId :

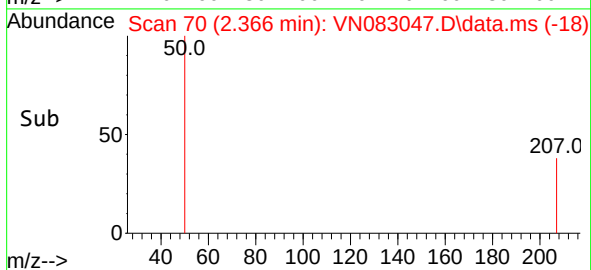
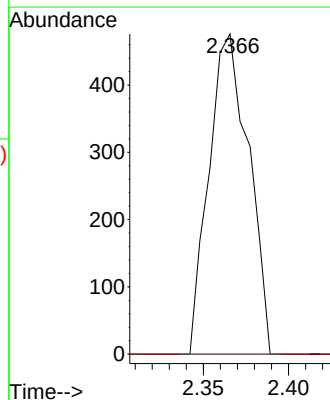
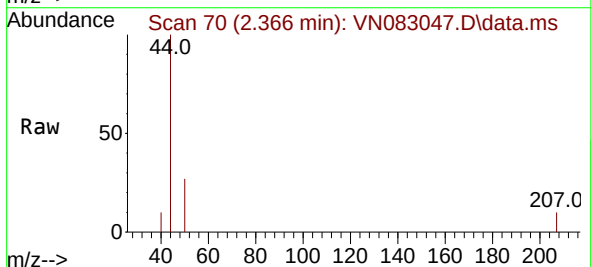


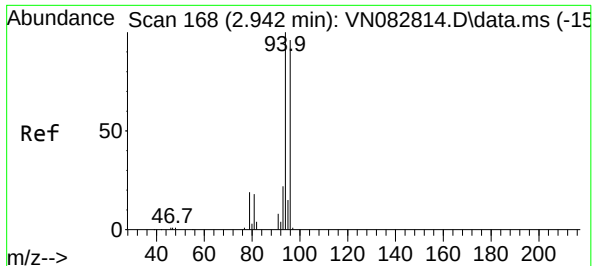
Tgt Ion:168 Resp: 147920
Ion Ratio Lower Upper
168 100
99 58.5 48.2 72.4



#3
Chloromethane
Concen: 0.425 ug/l
RT: 2.366 min Scan# 70
Delta R.T. 0.007 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

Tgt Ion: 50 Resp: 772
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

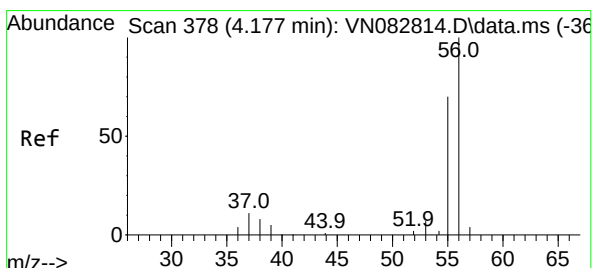
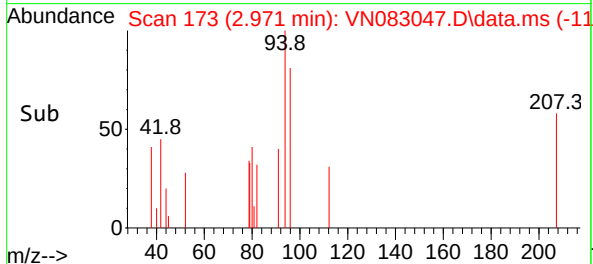
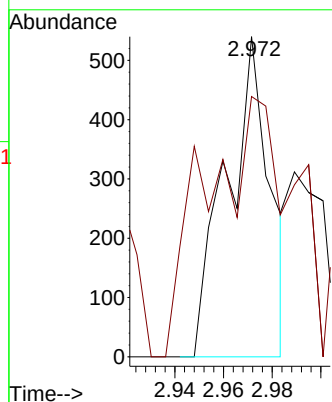
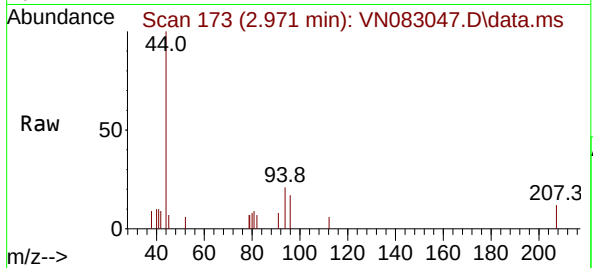




#5
Bromomethane
Concen: 0.484 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

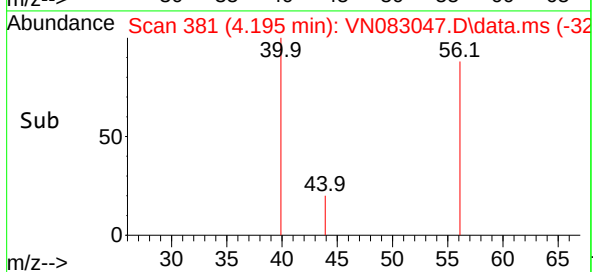
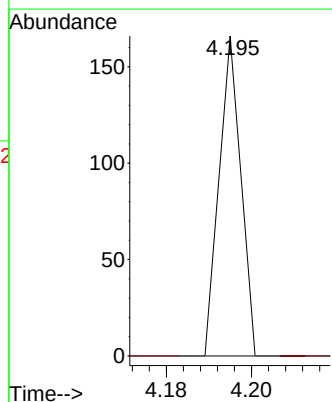
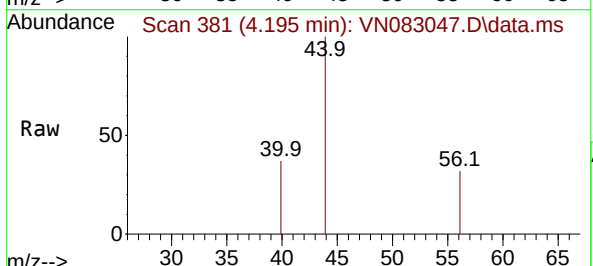
Instrument :
MSVOA_N
ClientSampleId :

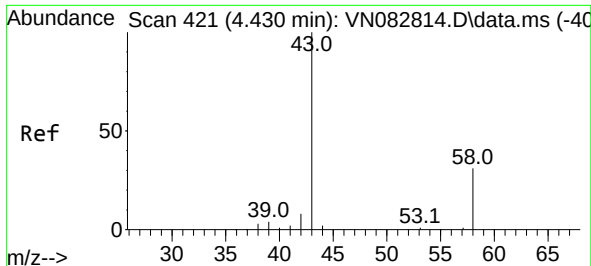
Tgt Ion: 94 Resp: 665
Ion Ratio Lower Upper
94 100
96 46.9 78.0 117.0#



#13
Acrolein
Concen: 0.234 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

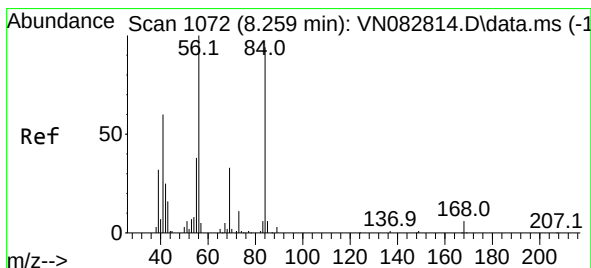
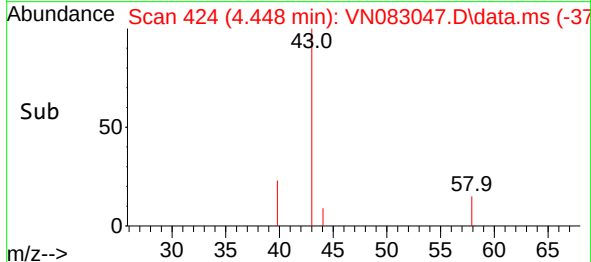
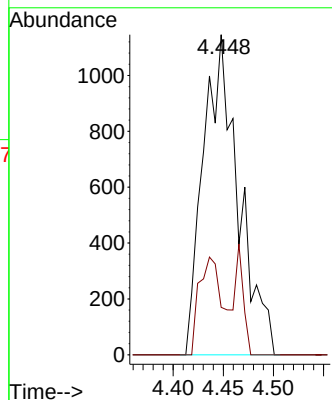
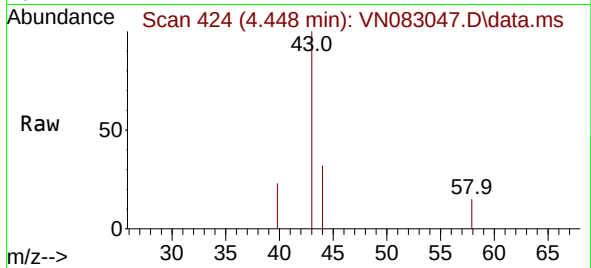




#16
Acetone
Concen: 3.811 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

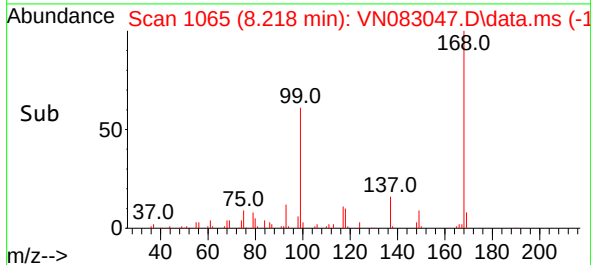
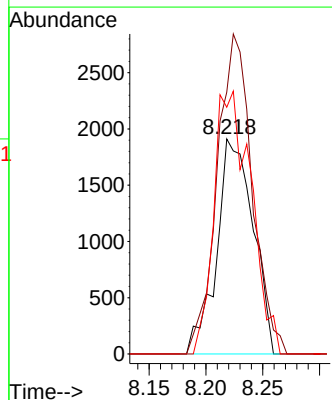
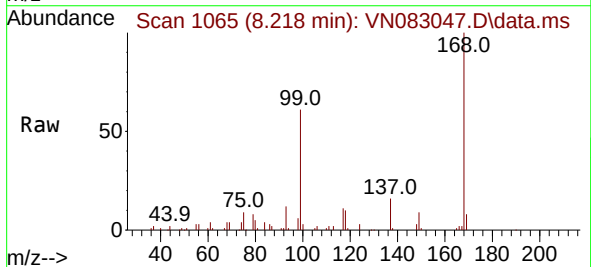
Instrument :
MSVOA_N
ClientSampleId :

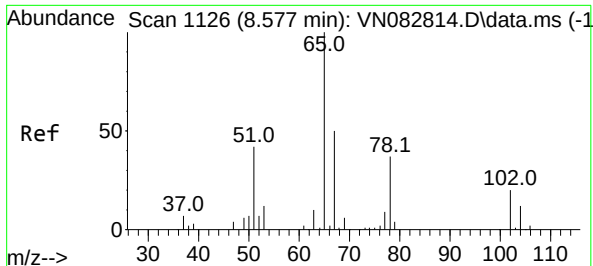
Tgt Ion: 43 Resp: 2782
Ion Ratio Lower Upper
43 100
58 14.8 21.8 32.6#



#31
Cyclohexane
Concen: 1.573 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

Tgt Ion: 56 Resp: 4265
Ion Ratio Lower Upper
56 100
69 121.8 24.5 36.7#
84 114.8 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 59.508 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083047.D

Acq: 26 Jul 2024 13:22

Instrument :

MSVOA_N

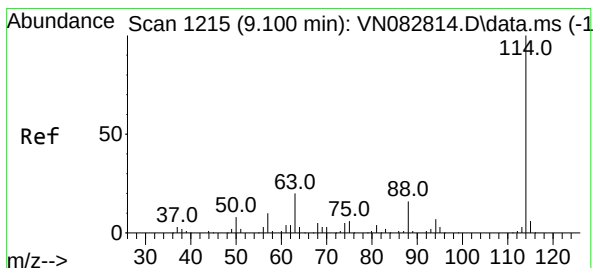
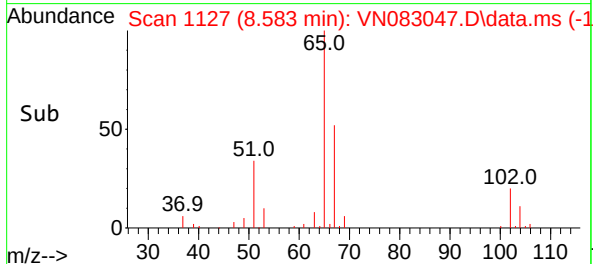
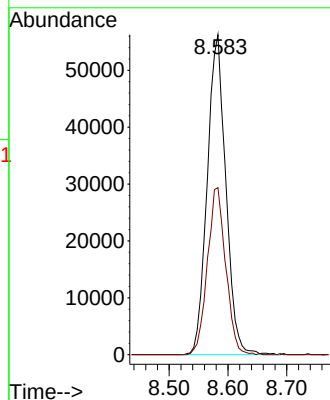
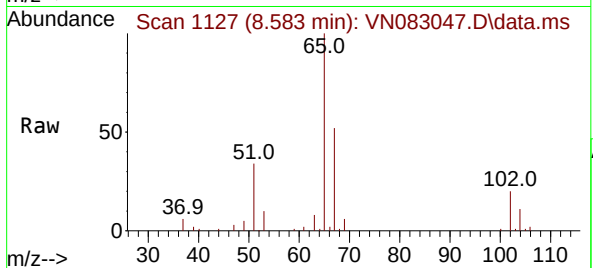
ClientSampleId :

Tgt Ion: 65 Resp: 123393

Ion Ratio Lower Upper

65 100

67 51.4 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: VN083047.D

Acq: 26 Jul 2024 13:22

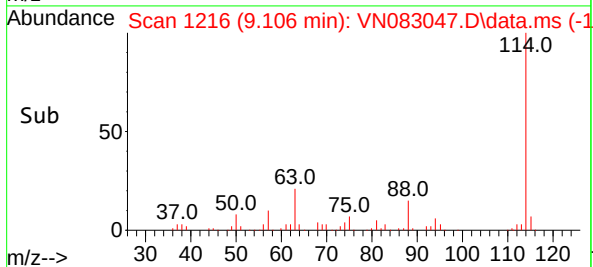
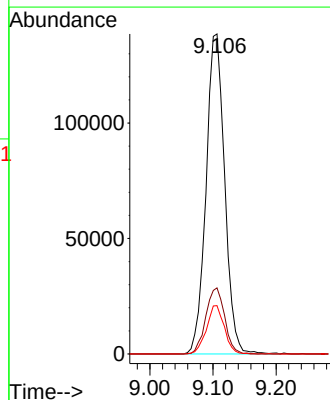
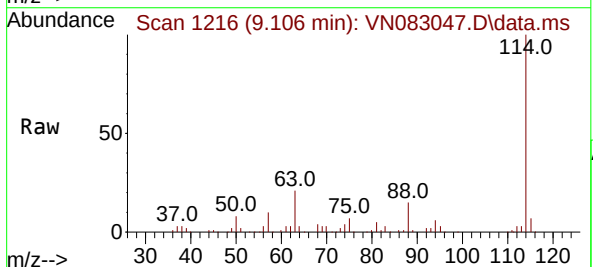
Tgt Ion: 114 Resp: 284186

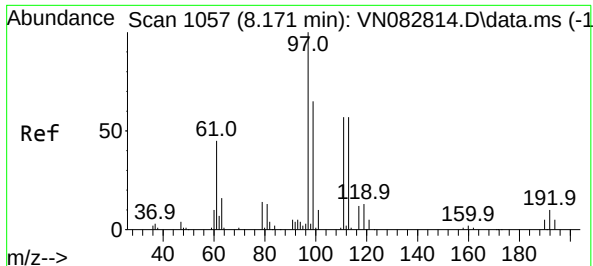
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.6

88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.052 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

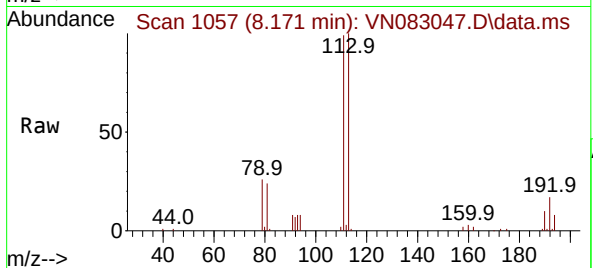
Lab File: VN083047.D

Acq: 26 Jul 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :



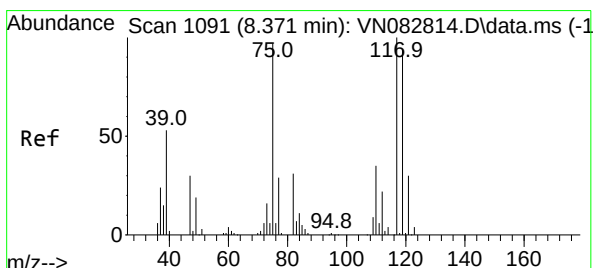
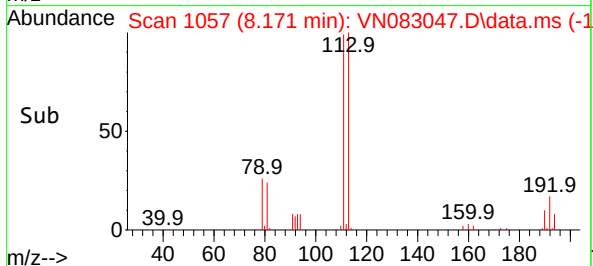
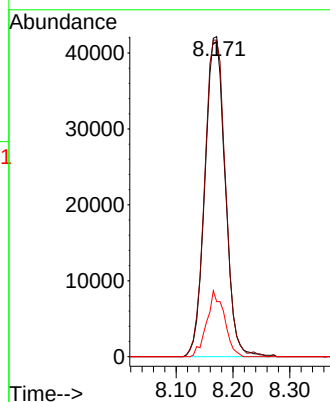
Tgt Ion:113 Resp: 104038

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 18.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.362 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083047.D

Acq: 26 Jul 2024 13:22

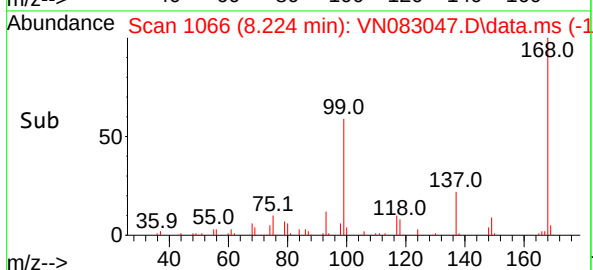
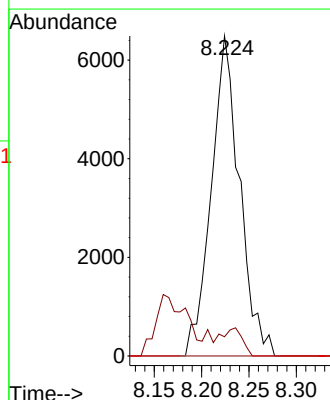
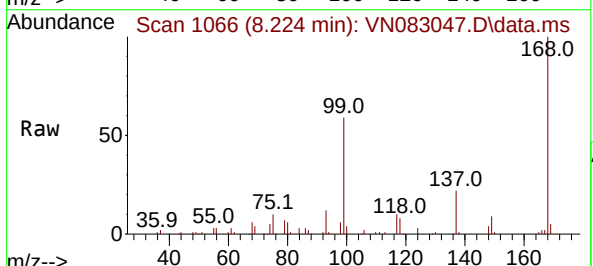
Tgt Ion: 75 Resp: 13482

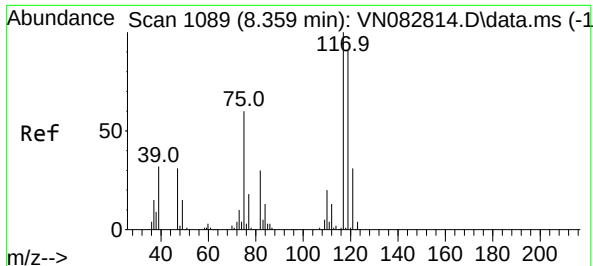
Ion Ratio Lower Upper

75 100

110 4.4 16.3 48.9#

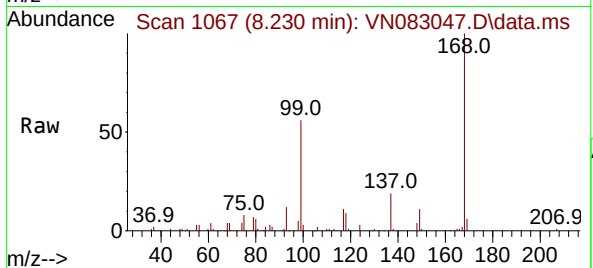
77 0.0 24.6 37.0#



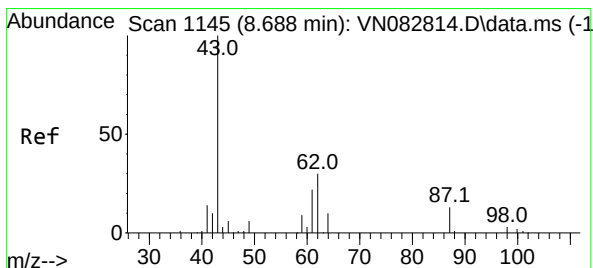
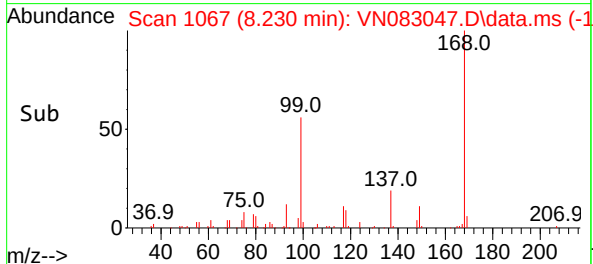
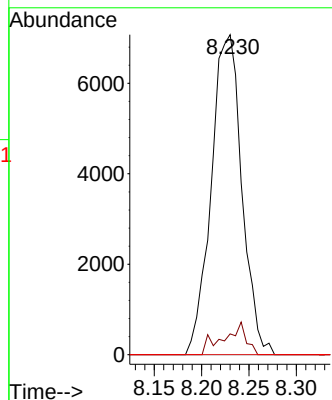


#38
Carbon Tetrachloride
Concen: 5.262 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.135 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

Instrument :
MSVOA_N
ClientSampleId :

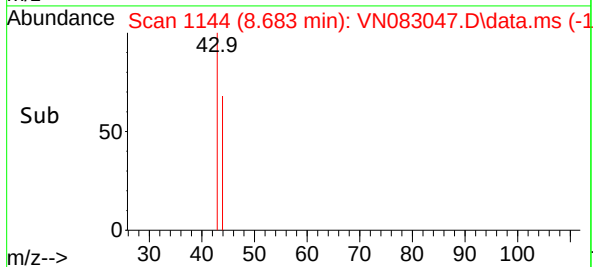
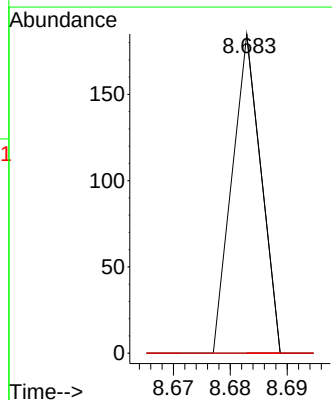
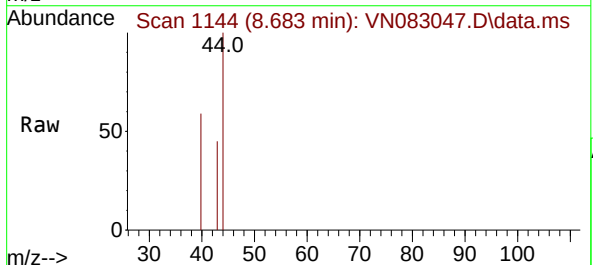


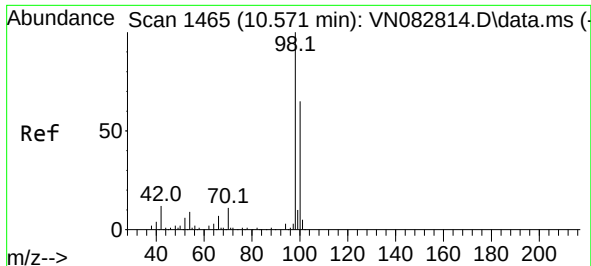
Tgt Ion:117 Resp: 15930
Ion Ratio Lower Upper
117 100
119 6.5 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1144
Delta R.T. -0.011 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

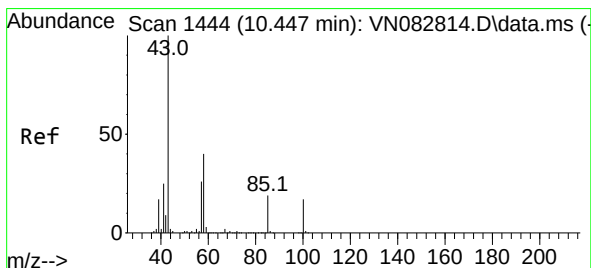
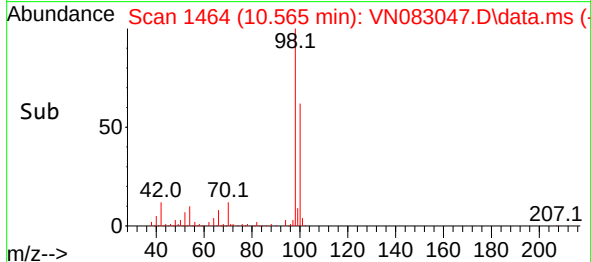
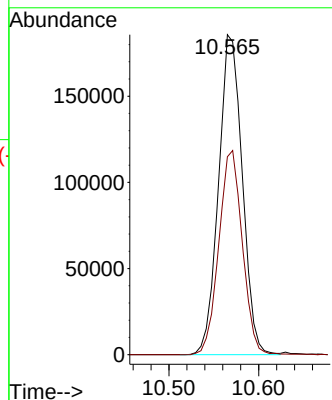
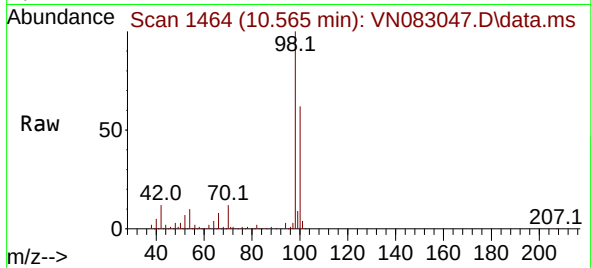




#50
Toluene-d8
Concen: 50.620 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

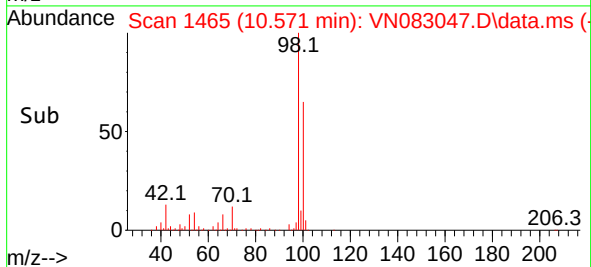
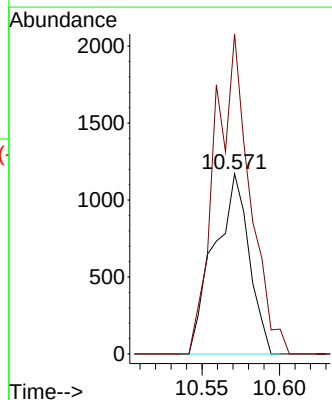
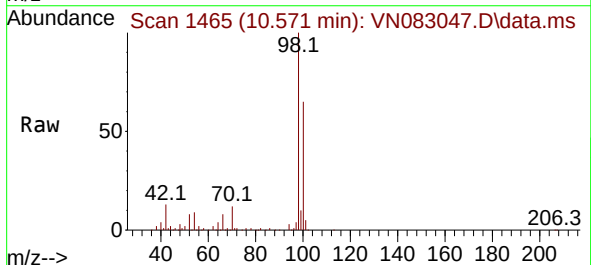
Instrument :
MSVOA_N
ClientSampleId :

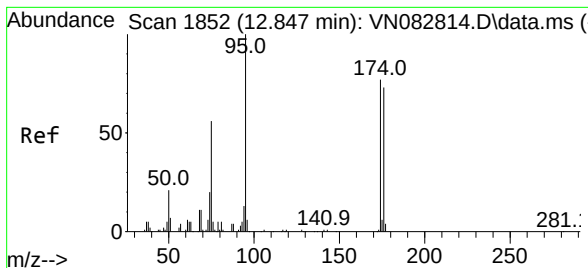
Tgt Ion: 98 Resp: 340937
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.720 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 178.4 28.2 42.4#

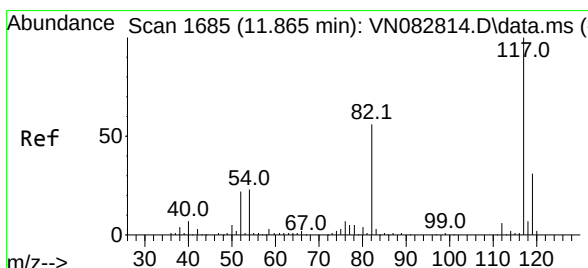
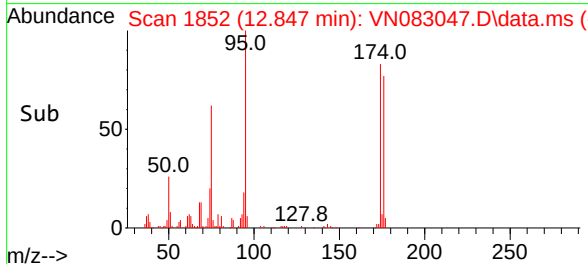
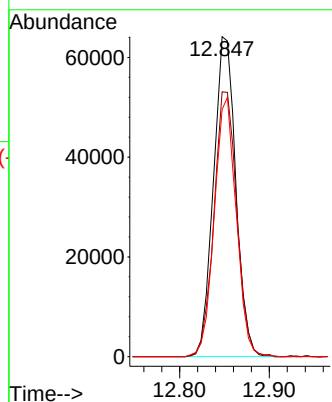
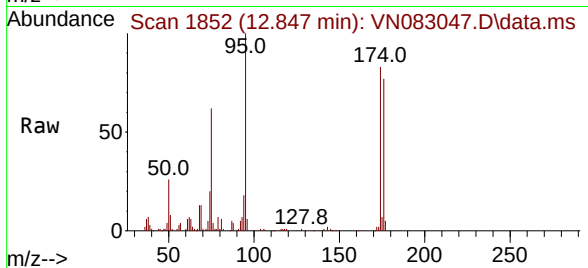




#62
4-Bromofluorobenzene
Concen: 45.751 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

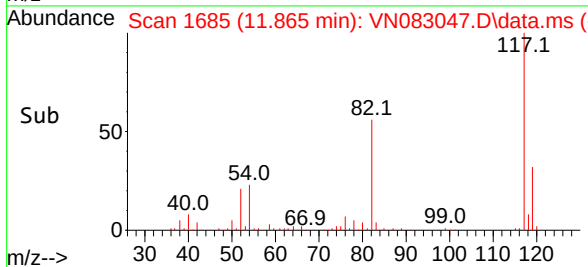
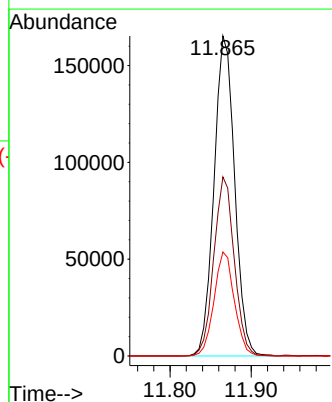
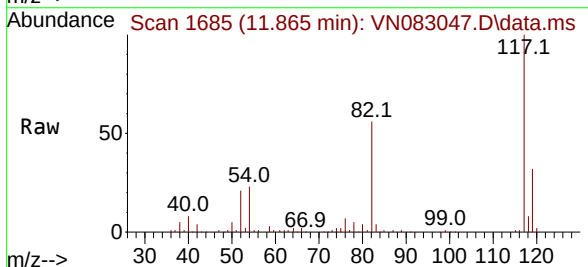
Instrument :
MSVOA_N
ClientSampleId :

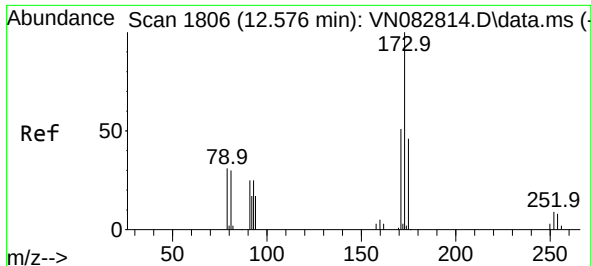
Tgt Ion: 95 Resp: 110687
Ion Ratio Lower Upper
95 100
174 85.0 0.0 159.2
176 79.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

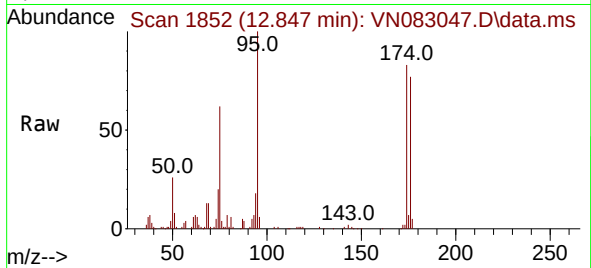
Tgt Ion: 117 Resp: 292588
Ion Ratio Lower Upper
117 100
82 55.9 47.5 71.3
119 32.5 25.6 38.4



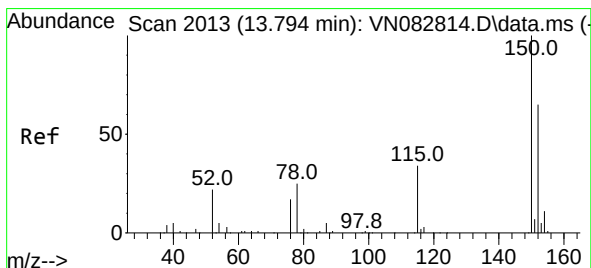
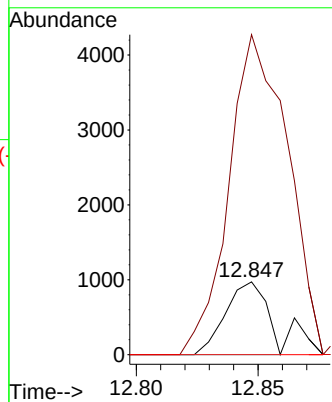
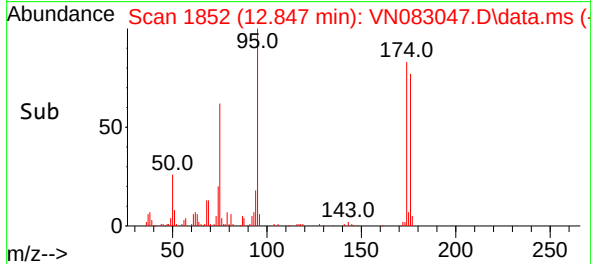


#71
Bromoform
Concen: 0.643 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

Instrument :
MSVOA_N
ClientSampleId :

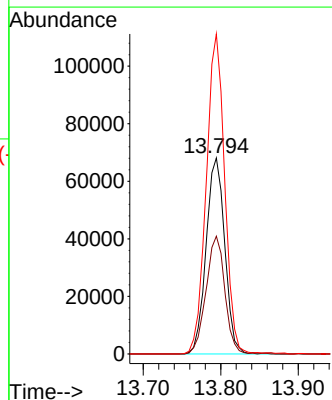
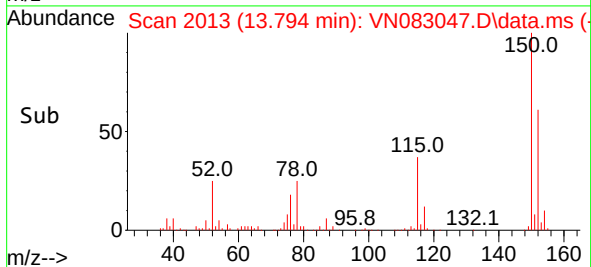
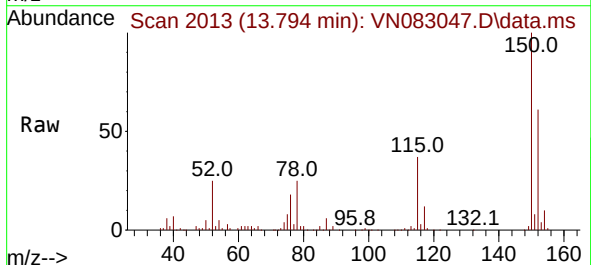


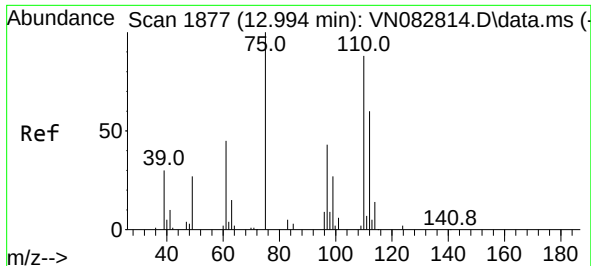
Tgt Ion:173 Resp: 1127
Ion Ratio Lower Upper
173 100
175 537.4 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083047.D
Acq: 26 Jul 2024 13:22

Tgt Ion:152 Resp: 114070
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 161.0 0.0 348.6

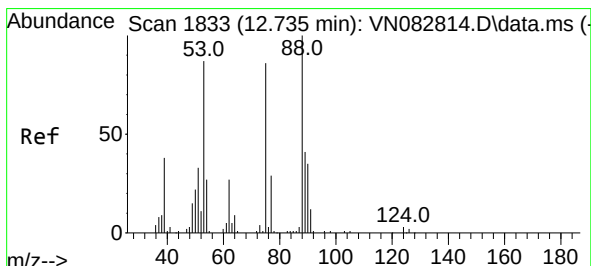
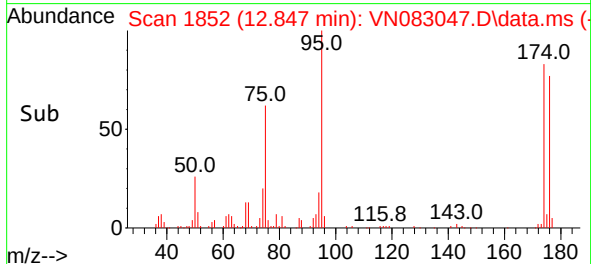
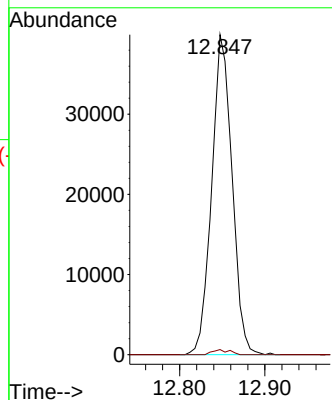
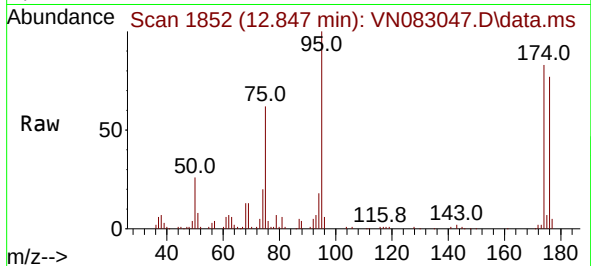




#76
 1,2,3-Trichloropropane
 Concen: 33.688 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083047.D
 Acq: 26 Jul 2024 13:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 66252
 Ion Ratio Lower Upper
 75 100
 77 1.3 110.9 332.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.255 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN083047.D
 Acq: 26 Jul 2024 13:22

Tgt Ion: 75 Resp: 66252
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.4 132.6#
 89 0.0 36.3 54.5#

