

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082746.D
 Acq On : 28 Jun 2024 14:32
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 28 23:04:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

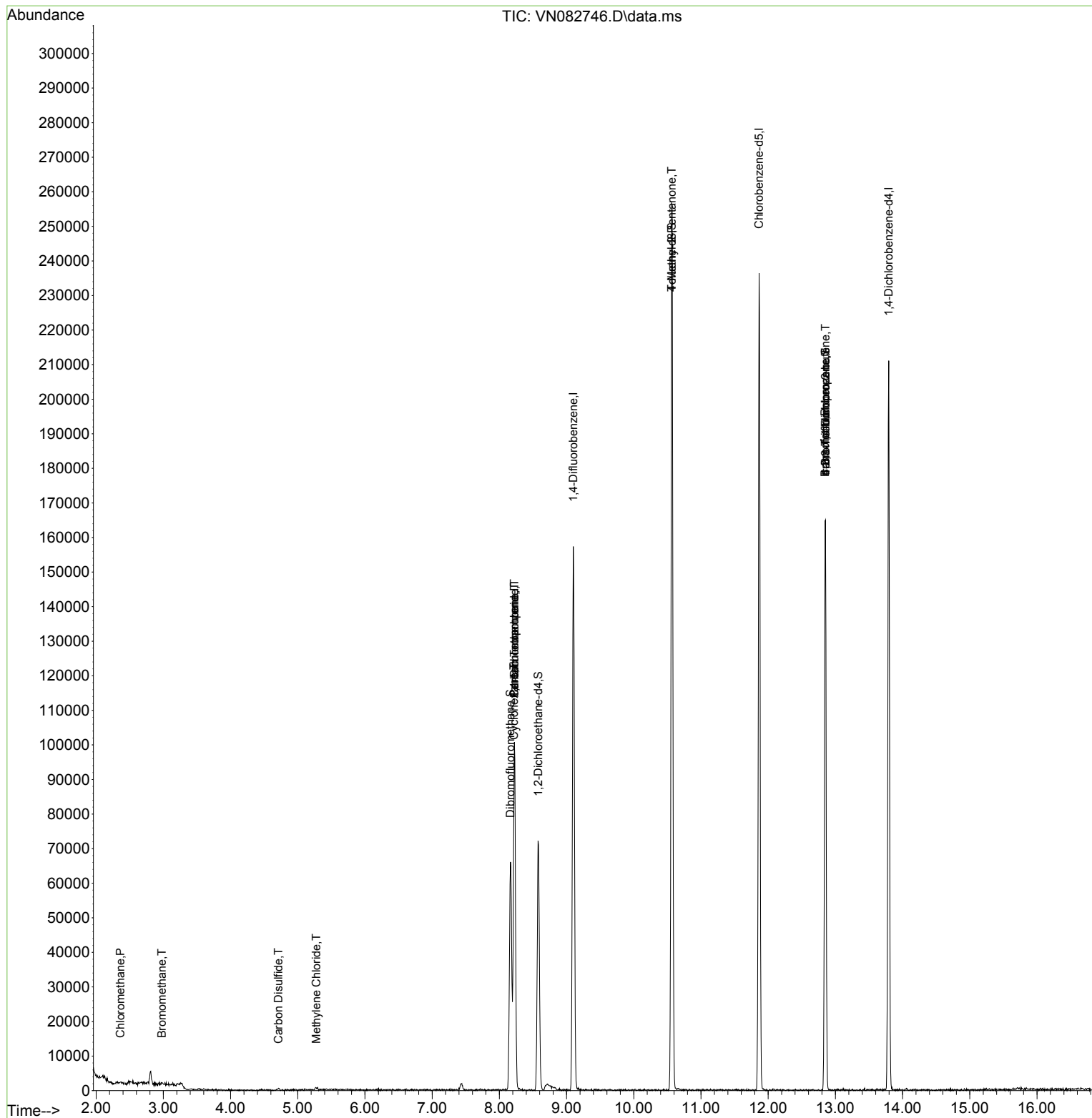
Internal Standards						
1) Pentafluorobenzene	8.224	168	69200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	131674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	132008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	53953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	59138	55.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.840%	
35) Dibromofluoromethane	8.165	113	47577	54.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.760%	
50) Toluene-d8	10.565	98	175735	54.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.853	95	55121	49.506	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	315	0.285	ug/l #	43
5) Bromomethane	2.977	94	523	0.627	ug/l	82
17) Carbon Disulfide	4.712	76	705	0.279	ug/l #	75
20) Methylene Chloride	5.277	84	331	0.324	ug/l #	60
31) Cyclohexane	8.218	56	1837	1.222	ug/l #	51
36) 1,1-Dichloropropene	8.224	75	6483	5.203	ug/l #	51
38) Carbon Tetrachloride	8.224	117	7367	5.055	ug/l #	13
43) Isopropyl Acetate	8.688	43	608	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	583	0.423	ug/l #	1
71) Bromoform	12.847	173	233	0.290	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	31049	26.383	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	31049	68.805	ug/l #	6

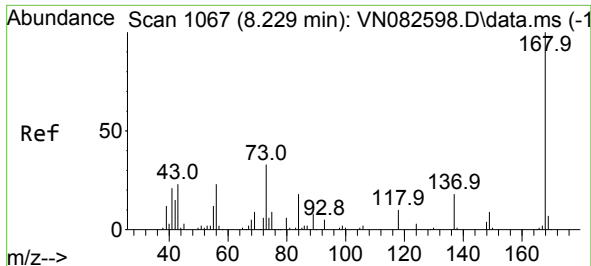
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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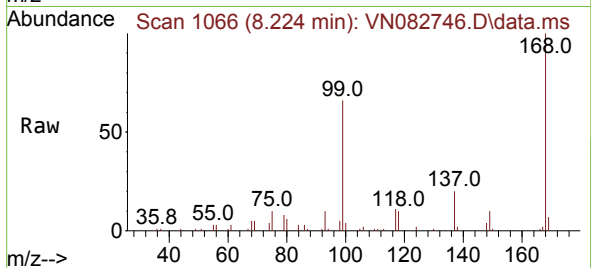
Quant Time: Jun 28 23:04:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
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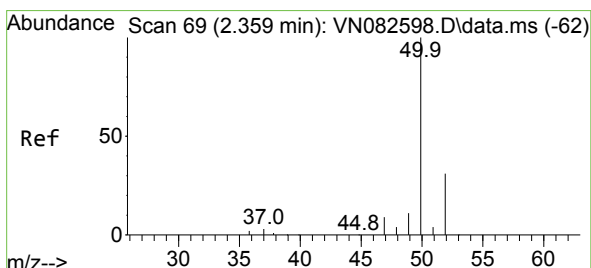
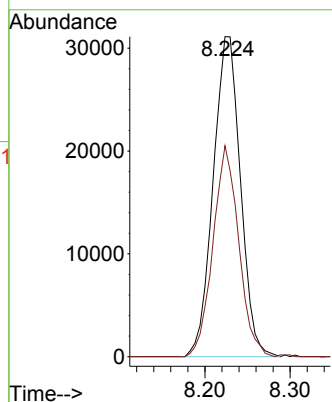
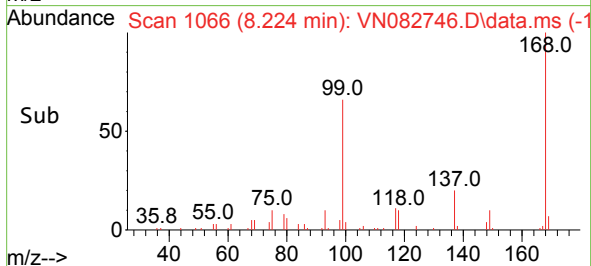


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

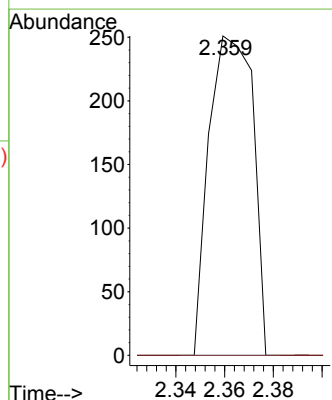
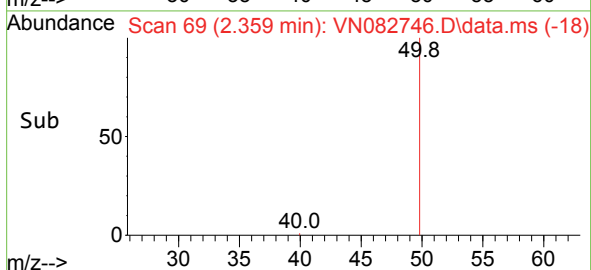
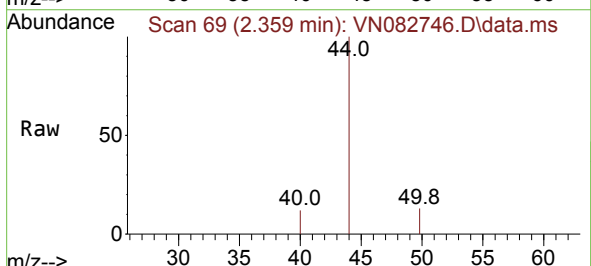


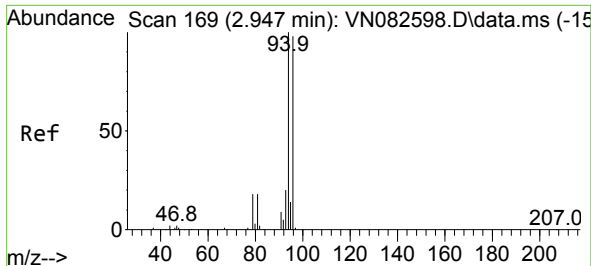
Tgt Ion:168 Resp: 69200
Ion Ratio Lower Upper
168 100
99 65.9 48.2 72.4



#3
Chloromethane
Concen: 0.285 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Tgt Ion: 50 Resp: 315
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

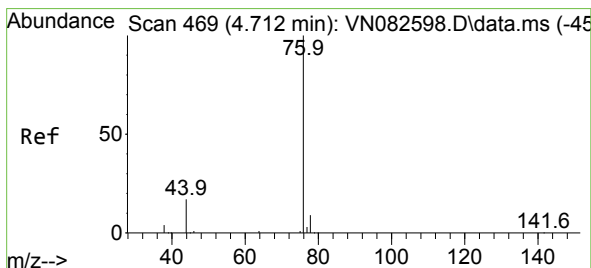
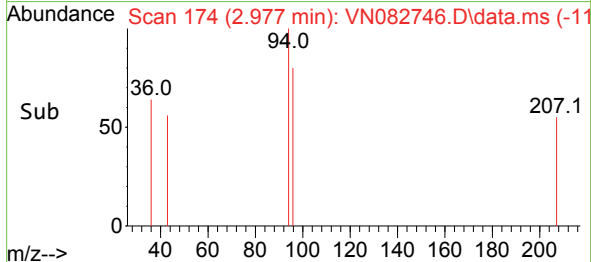
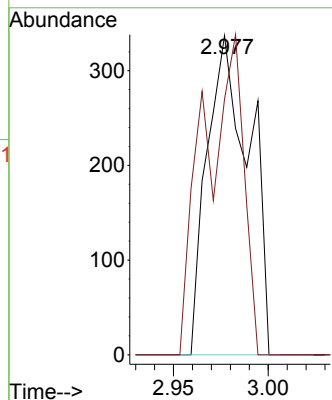
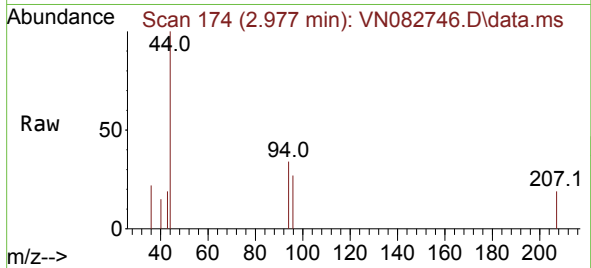




#5
Bromomethane
Concen: 0.627 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

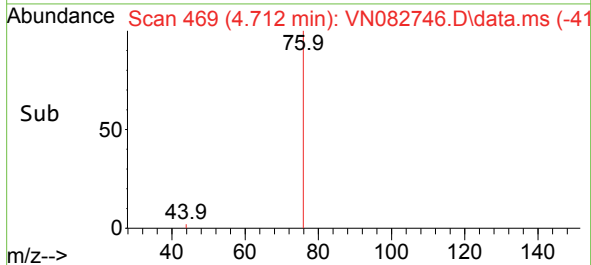
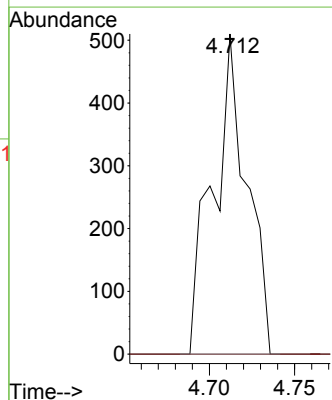
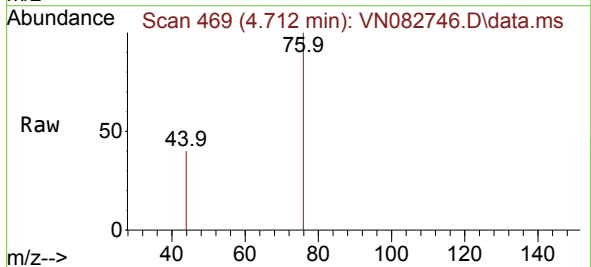
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 523
Ion Ratio Lower Upper
94 100
96 80.1 78.0 117.0



#17
Carbon Disulfide
Concen: 0.279 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

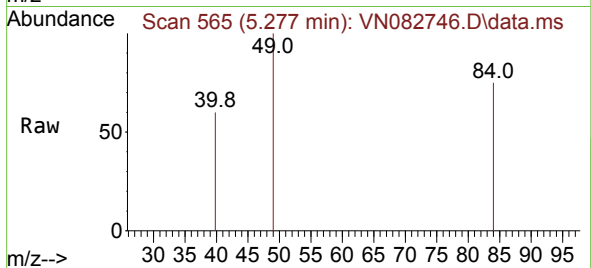
Tgt Ion: 76 Resp: 705
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





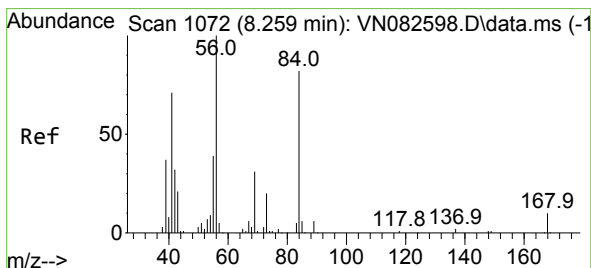
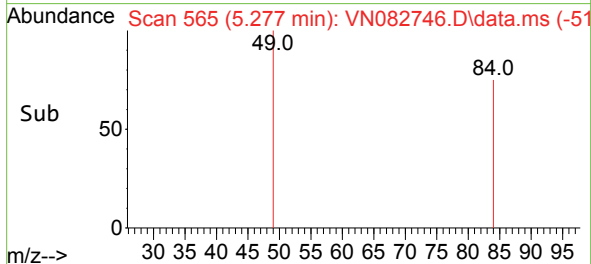
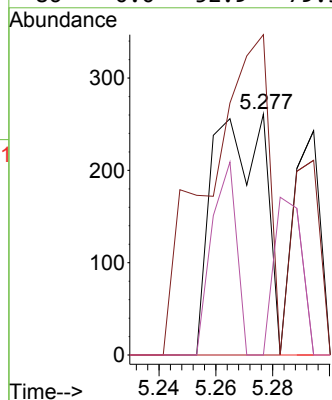
#20
Methylene Chloride
Concen: 0.324 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 331

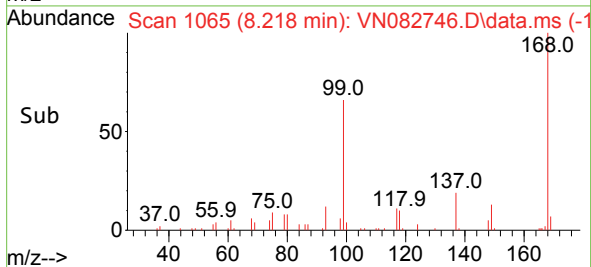
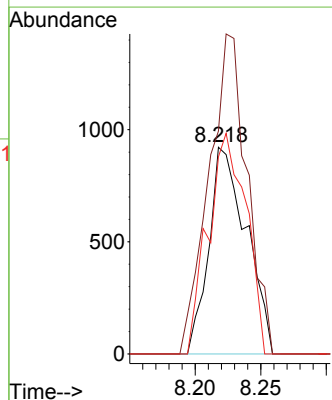
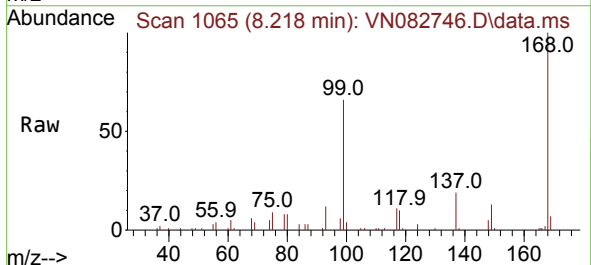
Ion	Ratio	Lower	Upper
84	100		
49	133.0	119.6	179.4
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#

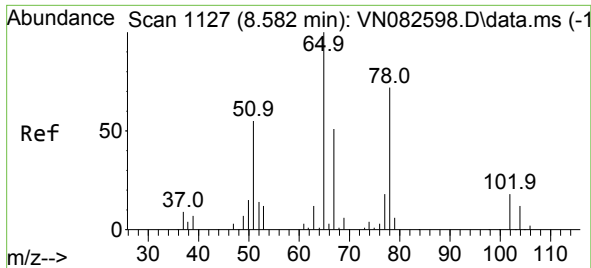


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Tgt Ion: 56 Resp: 1837

Ion	Ratio	Lower	Upper
56	100		
69	107.8	24.5	36.7#
84	95.3	66.0	99.0





#33

1,2-Dichloroethane-d4

Concen: 55.416 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082746.D

Acq: 28 Jun 2024 14:32

Instrument :

MSVOA_N

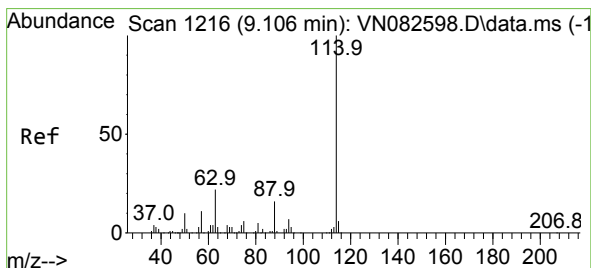
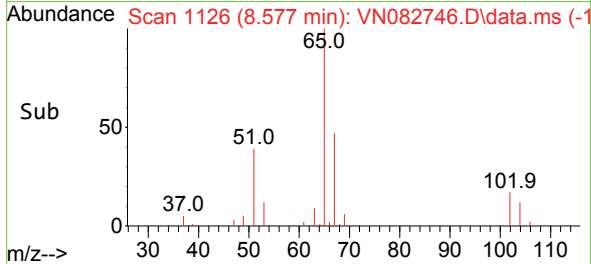
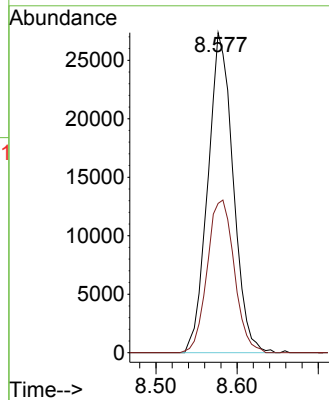
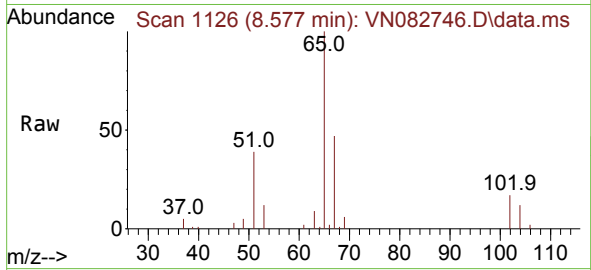
ClientSampleId :

Tgt Ion: 65 Resp: 59138

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082746.D

Acq: 28 Jun 2024 14:32

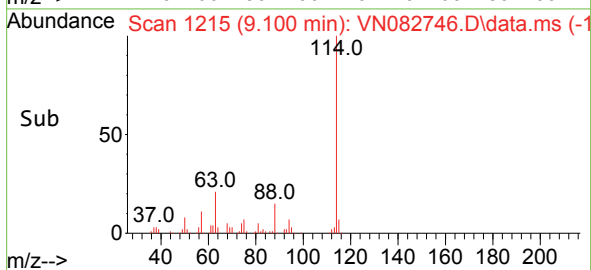
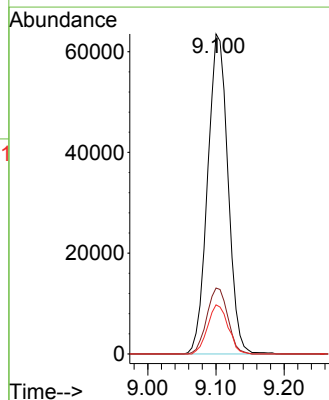
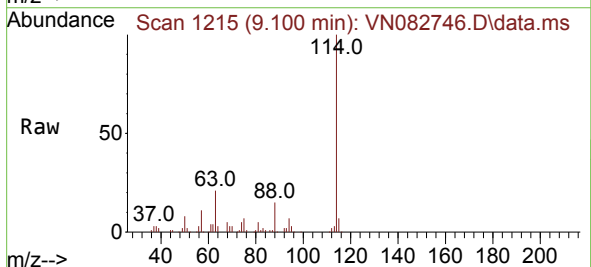
Tgt Ion: 114 Resp: 131674

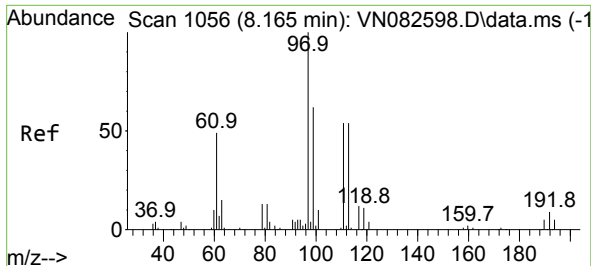
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

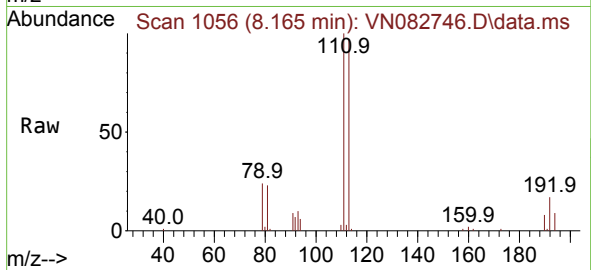
88 15.3 0.0 31.4



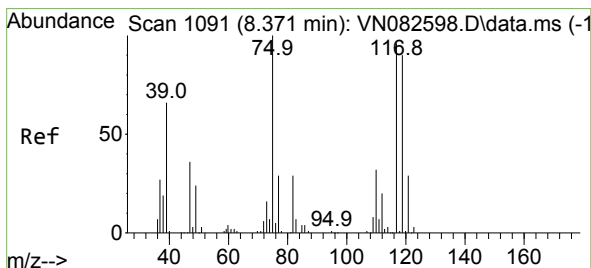
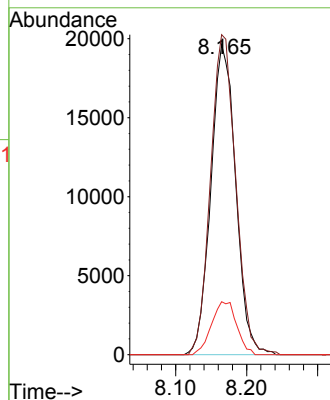
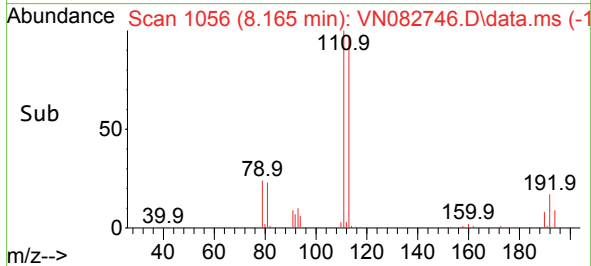


#35
Dibromofluoromethane
Concen: 54.879 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

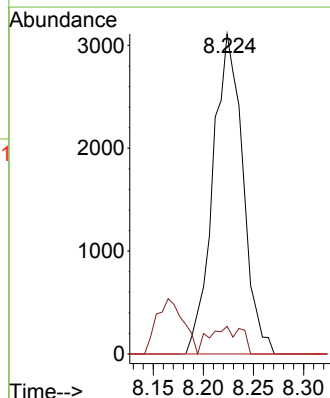
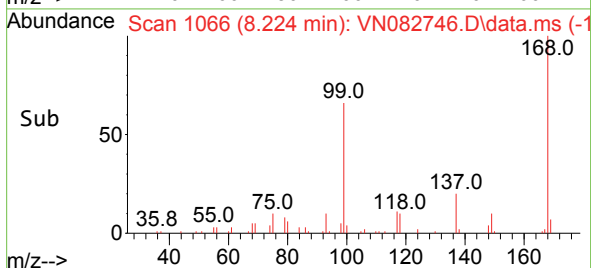
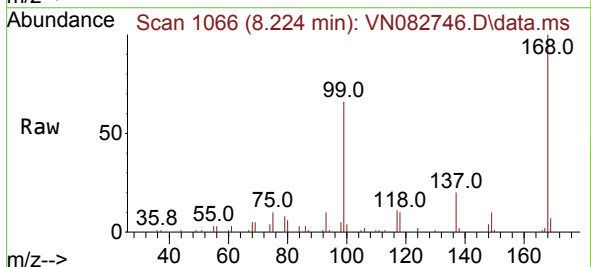


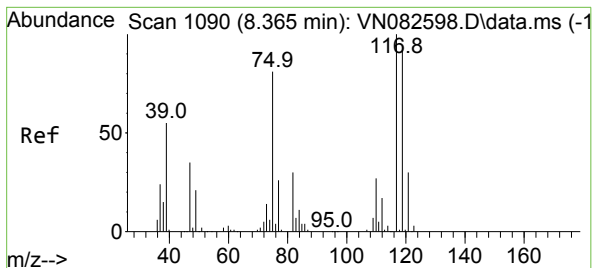
Tgt Ion:113 Resp: 47577
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 17.3 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.203 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Tgt Ion: 75 Resp: 6483
Ion Ratio Lower Upper
75 100
110 9.3 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.055 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

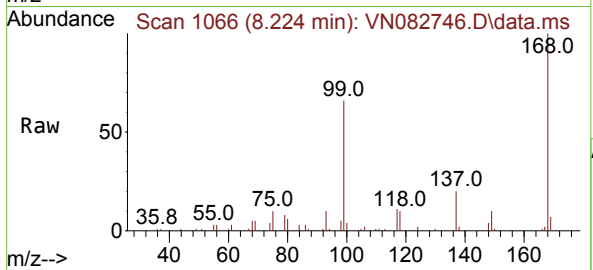
Lab File: VN082746.D

Acq: 28 Jun 2024 14:32

Instrument :

MSVOA_N

ClientSampleId :



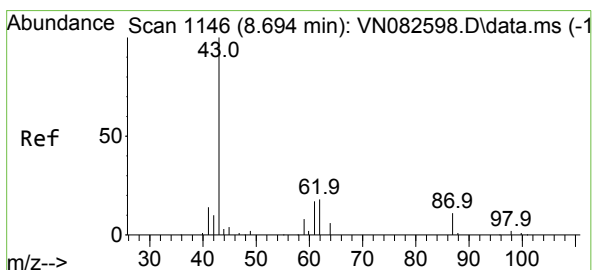
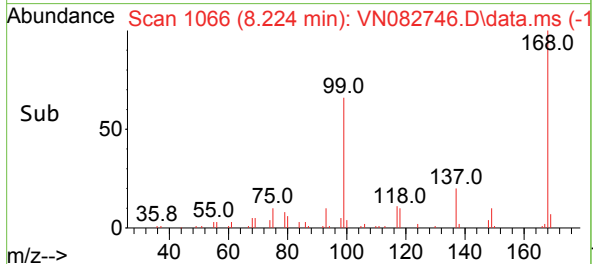
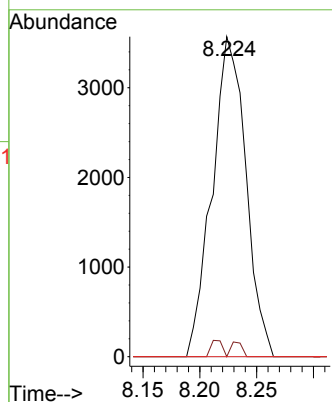
Tgt Ion:117 Resp: 7367

Ion Ratio Lower Upper

117 100

119 0.0 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082746.D

Acq: 28 Jun 2024 14:32

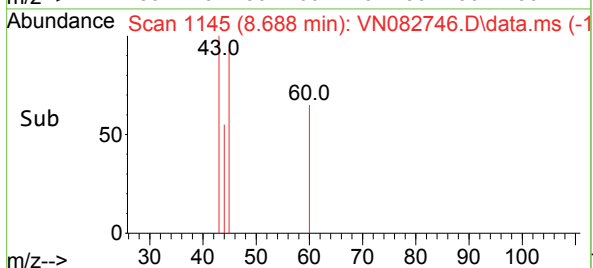
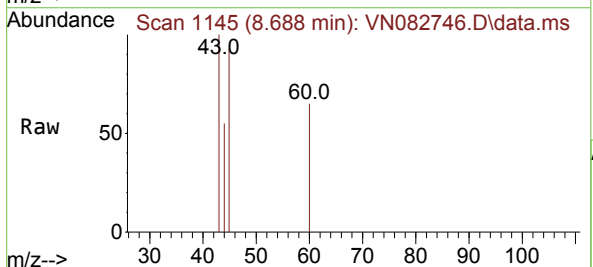
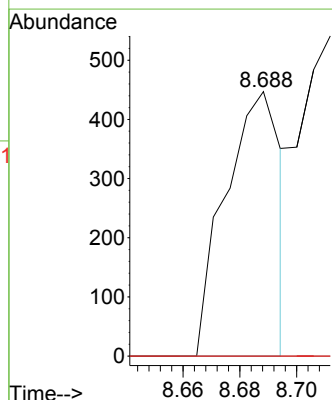
Tgt Ion: 43 Resp: 608

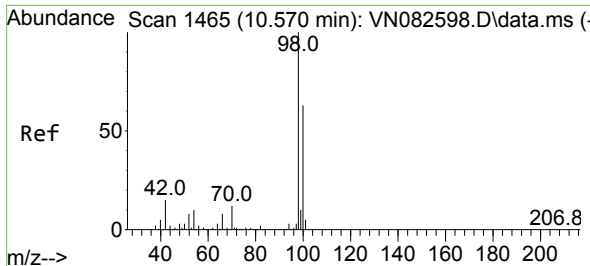
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

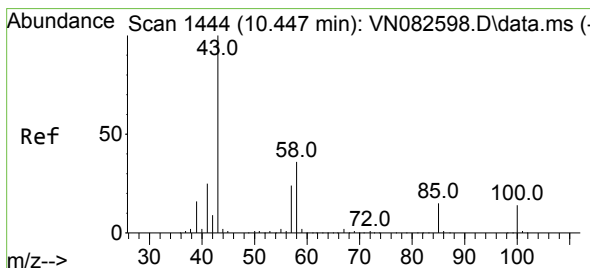
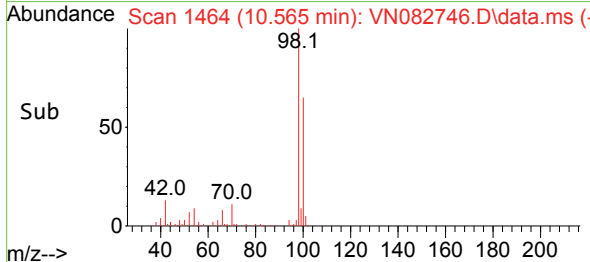
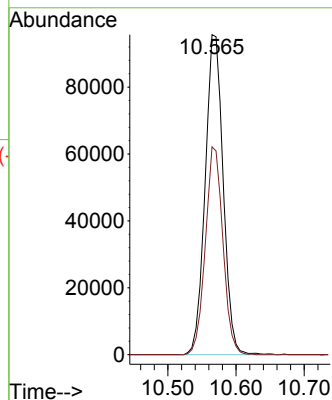
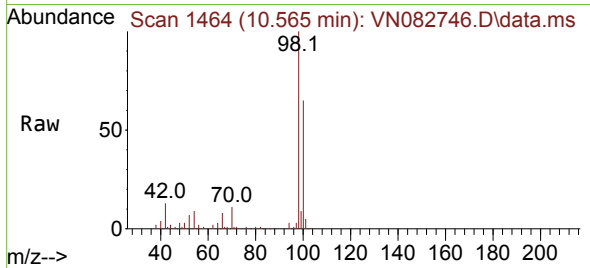




#50
Toluene-d8
Concen: 54.203 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

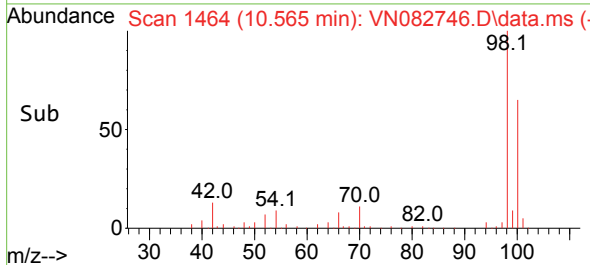
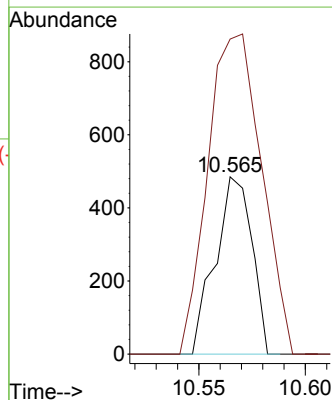
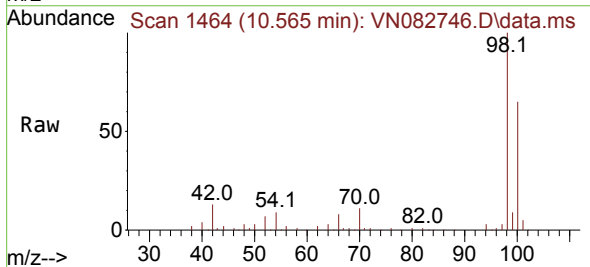
Instrument :
MSVOA_N
ClientSampleId :

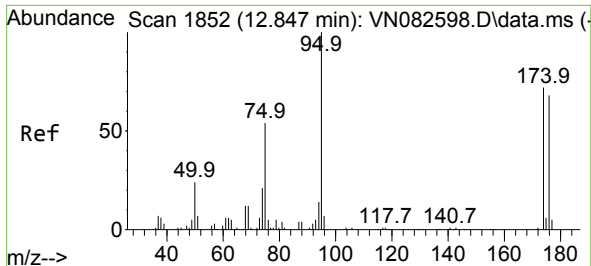
Tgt Ion: 98 Resp: 175735
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.423 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
58 263.6 28.2 42.4#

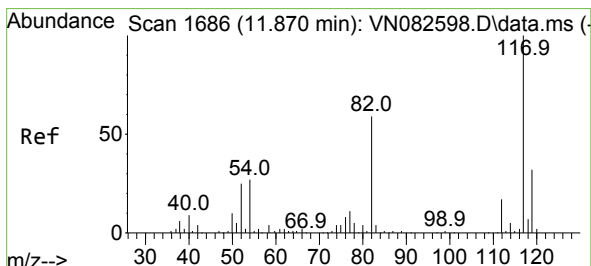
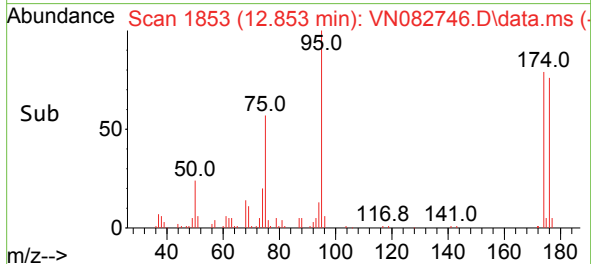
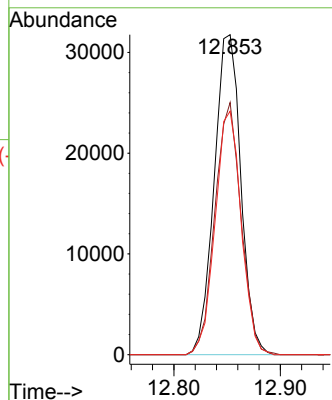
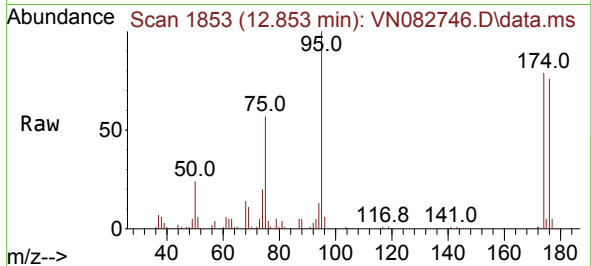




#62
4-Bromofluorobenzene
Concen: 49.506 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

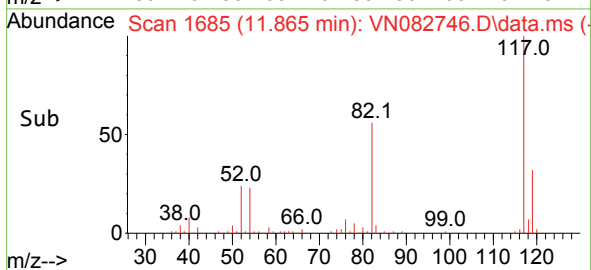
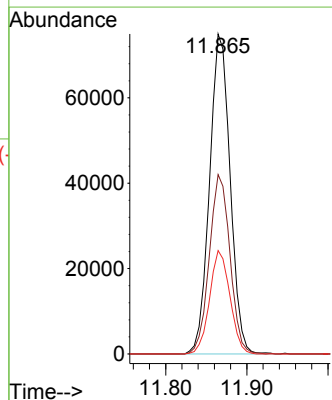
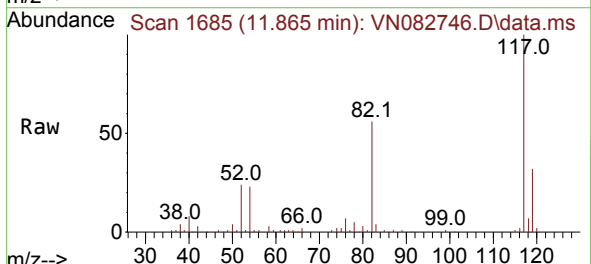
Instrument :
MSVOA_N
ClientSampleId :

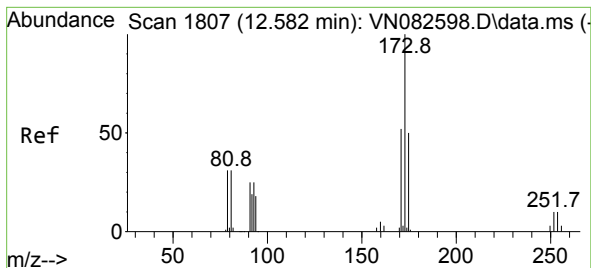
Tgt Ion: 95 Resp: 55121
Ion Ratio Lower Upper
95 100
174 77.4 0.0 159.2
176 74.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Tgt Ion: 117 Resp: 132008
Ion Ratio Lower Upper
117 100
82 56.1 47.5 71.3
119 32.3 25.6 38.4





#71

Bromoform

Concen: 0.290 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN082746.D

Acq: 28 Jun 2024 14:32

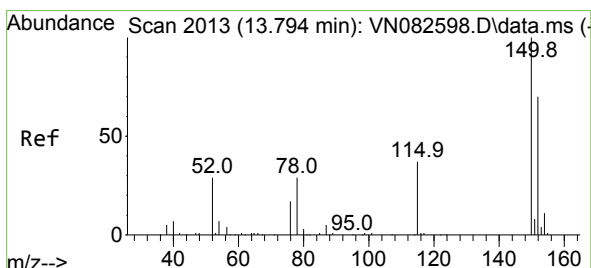
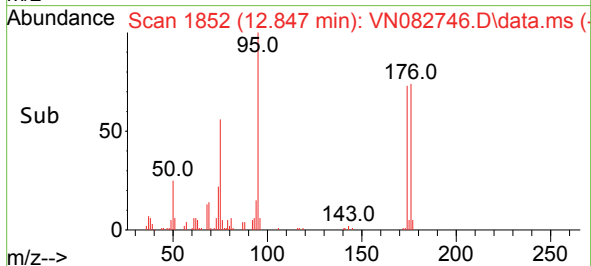
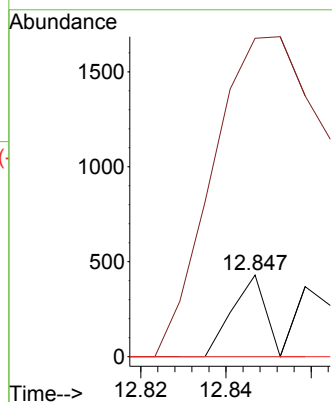
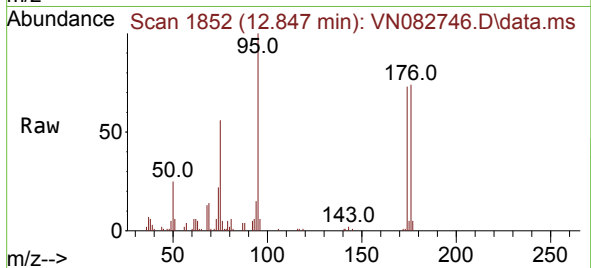
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 233

Ion	Ratio	Lower	Upper
173	100		
175	1098.3	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

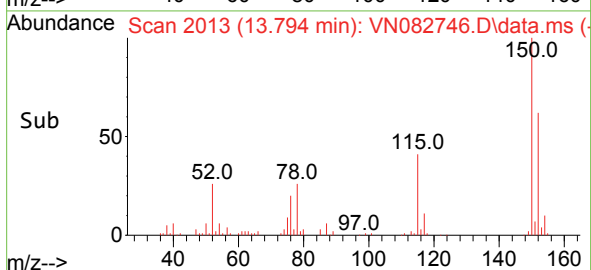
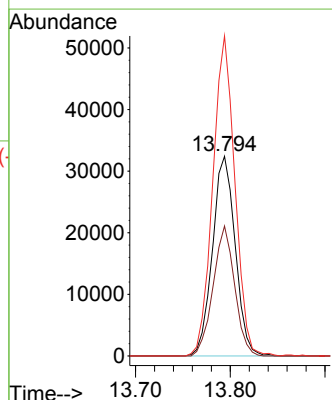
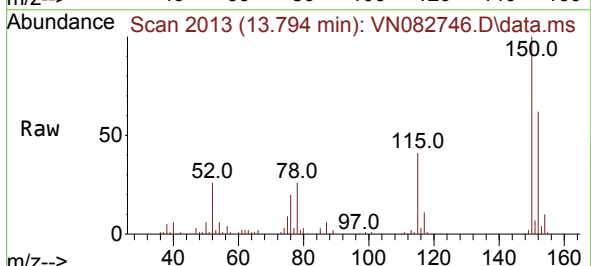
Delta R.T. -0.000 min

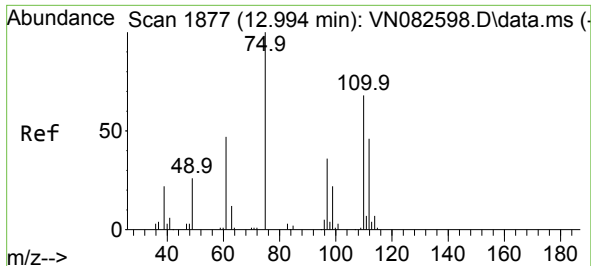
Lab File: VN082746.D

Acq: 28 Jun 2024 14:32

Tgt Ion:152 Resp: 53953

Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.6	91.6
150	155.7	0.0	348.6

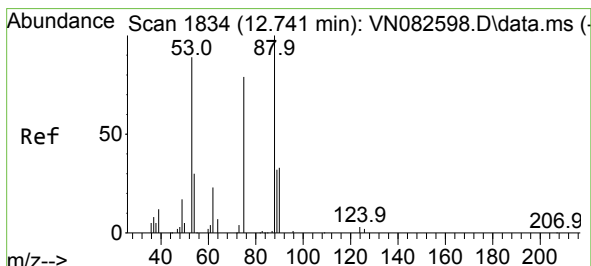
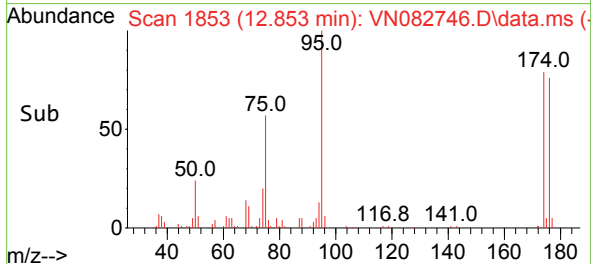
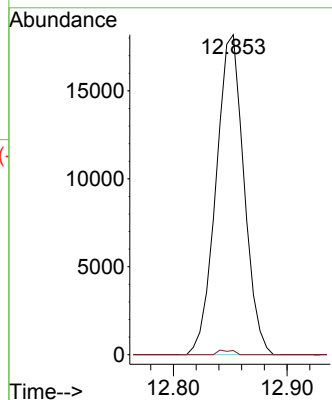
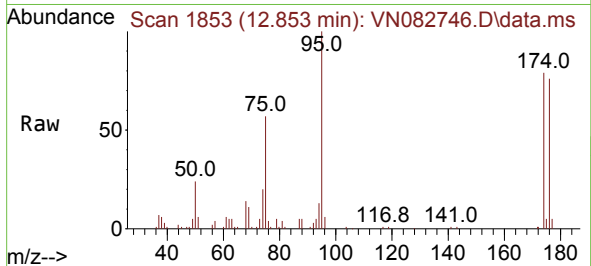




#76
1,2,3-Trichloropropane
Concen: 26.383 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 31049
Ion Ratio Lower Upper
75 100
77 0.8 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.805 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082746.D
Acq: 28 Jun 2024 14:32

Tgt Ion: 75 Resp: 31049
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

