

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081791.D
 Acq On : 18 Apr 2024 16:42
 Operator : JC\MD
 Sample : P2121-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:25:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

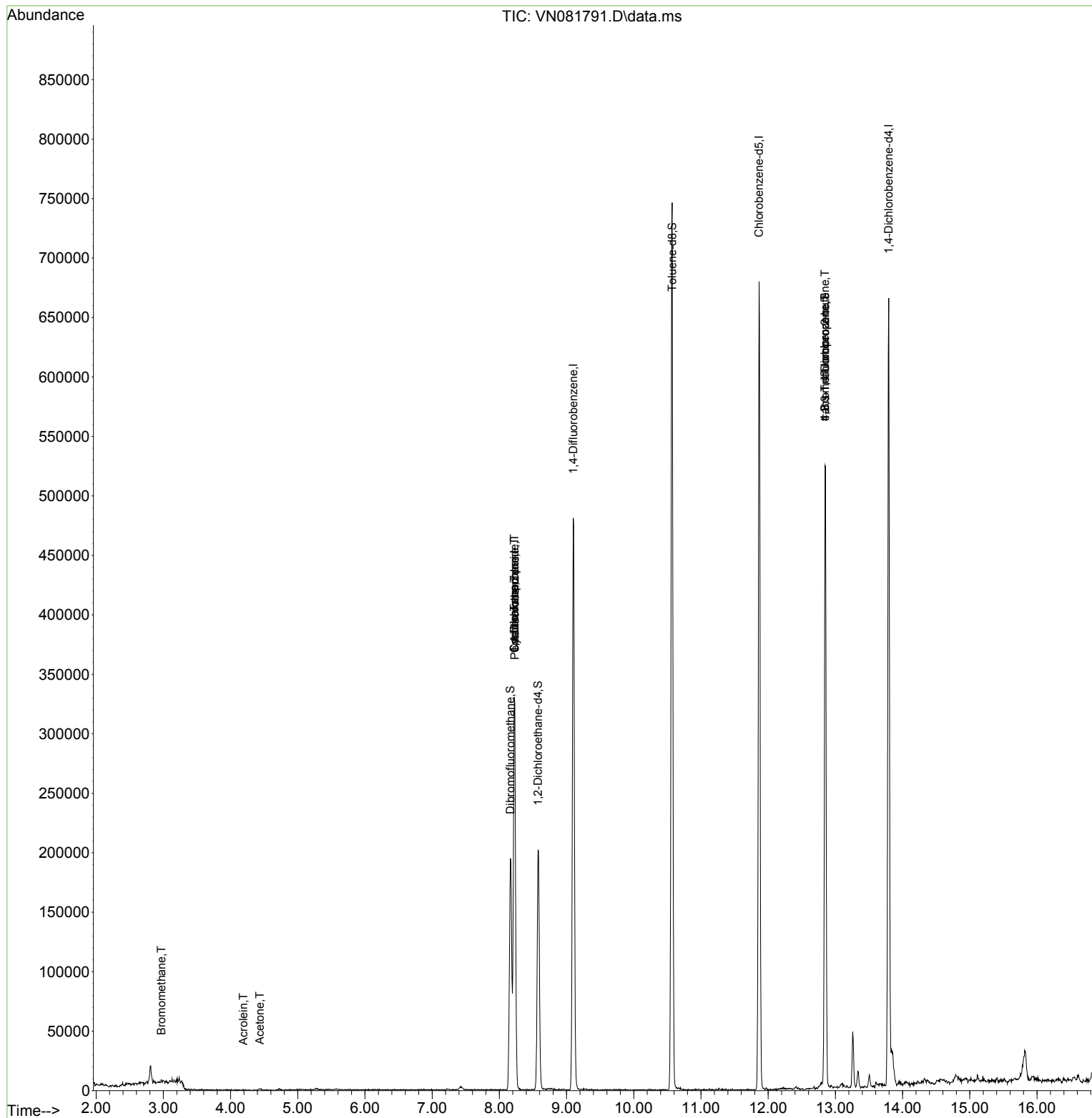
Internal Standards						
1) Pentafluorobenzene	8.230	168	235617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	389176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	172112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168001	50.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.340%	
35) Dibromofluoromethane	8.165	113	139805	50.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.780%	
50) Toluene-d8	10.571	98	519033	50.782	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.847	95	180595	51.706	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	459	Below Cal	#	9
5) Bromomethane	2.971	94	759	0.344	ug/l #	38
6) Chloroethane	3.148	64	381	Below Cal	#	44
13) Acrolein	4.189	56	151	0.314	ug/l #	62
16) Acetone	4.436	43	1828	1.981	ug/l #	43
20) Methylene Chloride	5.277	84	606	Below Cal	#	56
31) Cyclohexane	8.224	56	5942	1.306	ug/l #	27
36) 1,1-Dichloropropene	8.224	75	21561	5.578	ug/l #	48
38) Carbon Tetrachloride	8.224	117	24879	5.532	ug/l #	17
76) 1,2,3-Trichloropropane	12.847	75	96418	29.227	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	96418	68.546	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.629	75	64	Below Cal	#	43

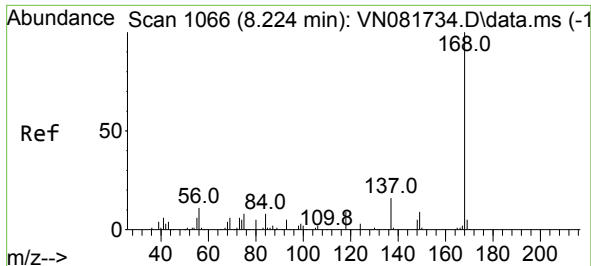
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
Data File : VN081791.D
Acq On : 18 Apr 2024 16:42
Operator : JC\MD
Sample : P2121-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 19 01:25:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration

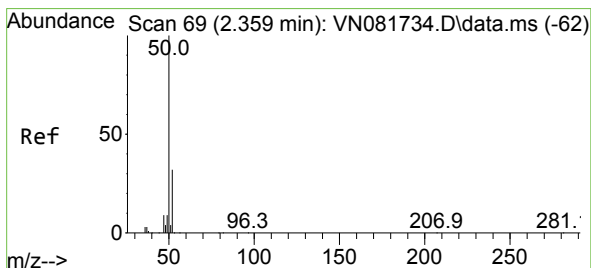
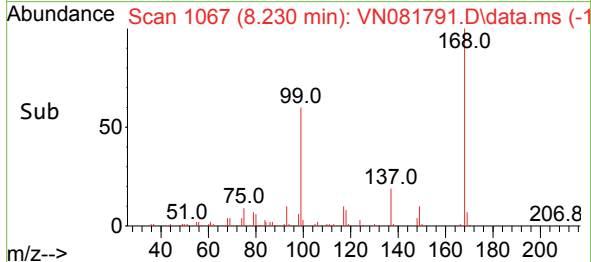
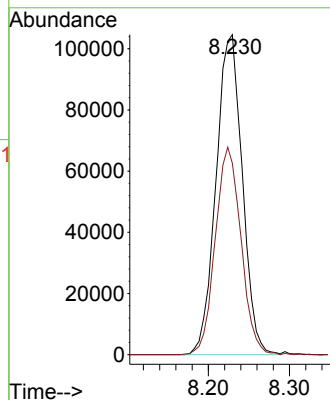
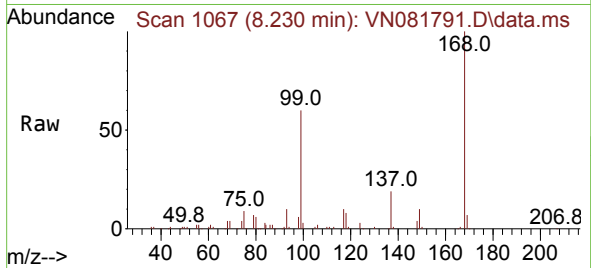




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

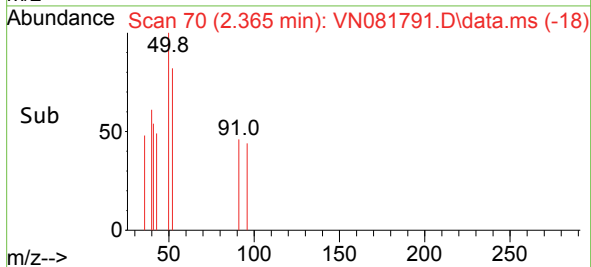
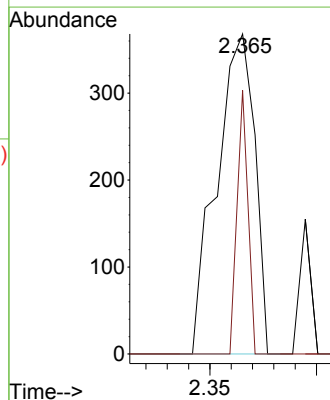
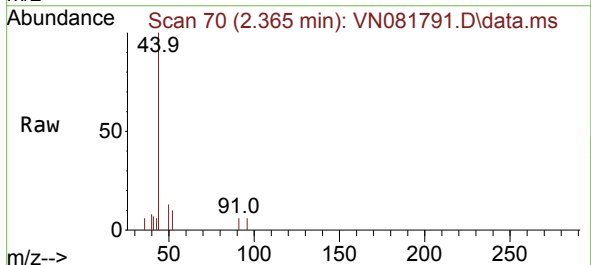
Instrument :
MSVOA_N
ClientSampleId :

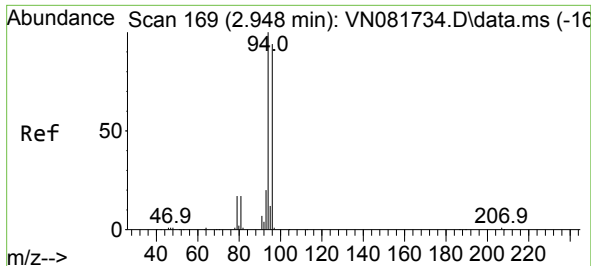
Tgt Ion:168 Resp: 235617
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

Tgt Ion: 50 Resp: 459
Ion Ratio Lower Upper
50 100
52 82.3 25.5 38.3#

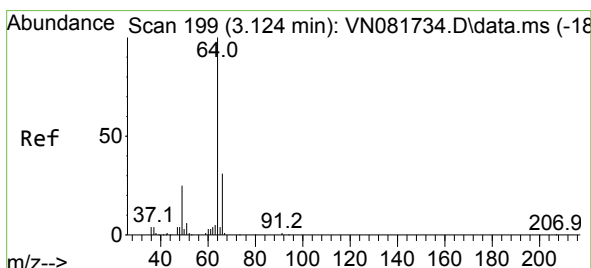
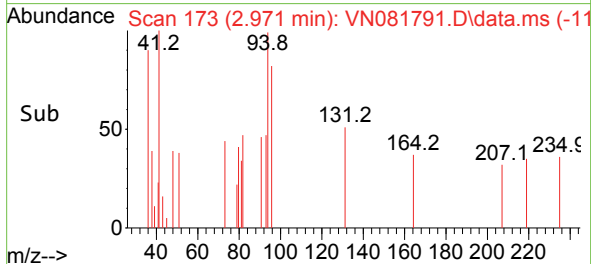
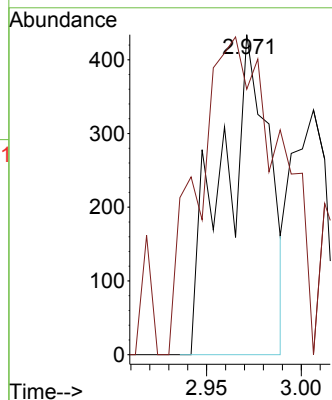
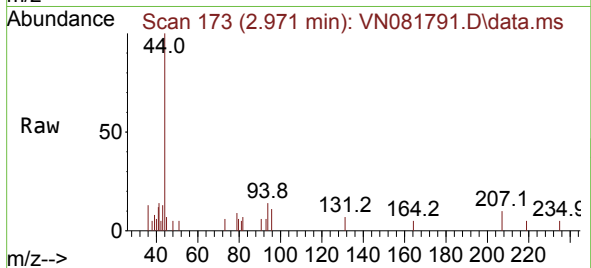




#5
Bromomethane
Concen: 0.344 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

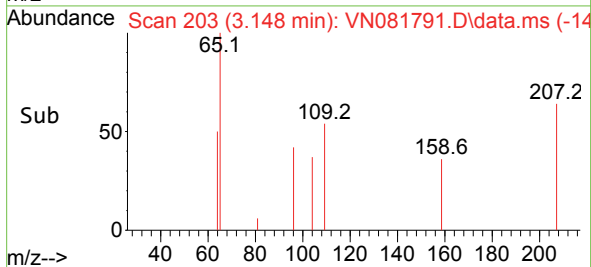
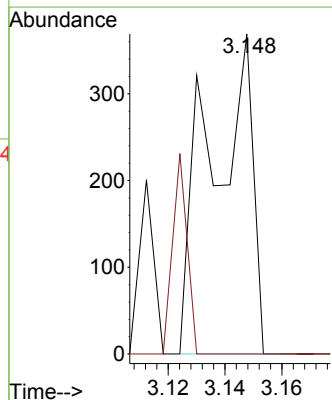
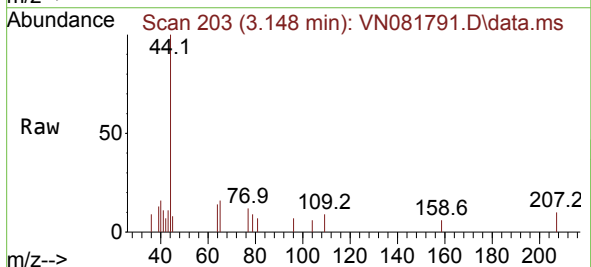
Instrument :
MSVOA_N
ClientSampleId :

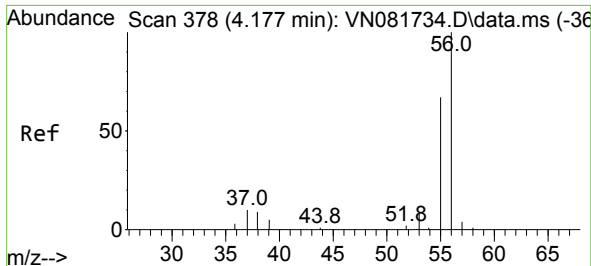
Tgt Ion: 94 Resp: 759
Ion Ratio Lower Upper
94 100
96 33.9 74.8 112.2#



#6
Chloroethane
Concen: Below Cal
RT: 3.148 min Scan# 203
Delta R.T. 0.024 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

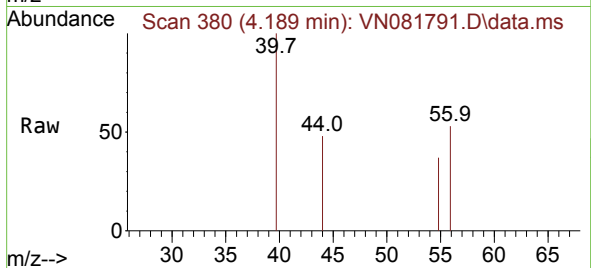
Tgt Ion: 64 Resp: 381
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



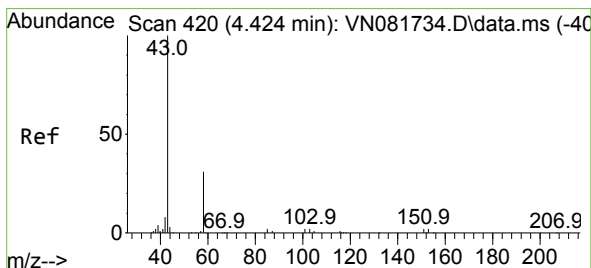
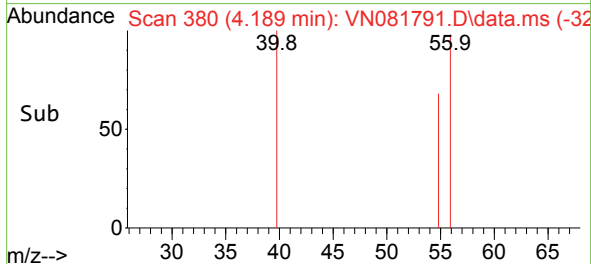
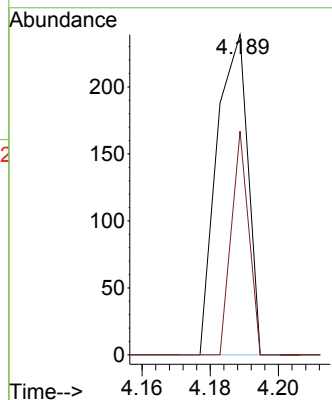


#13
Acrolein
Concen: 0.314 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :

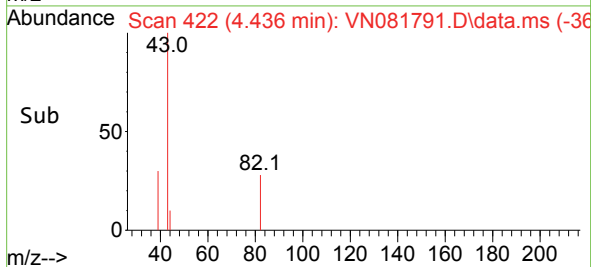
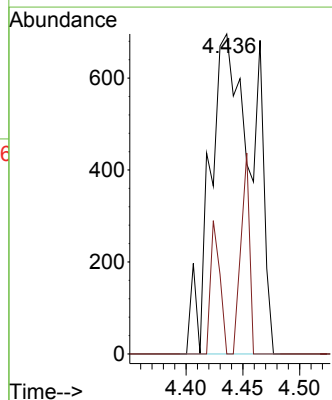
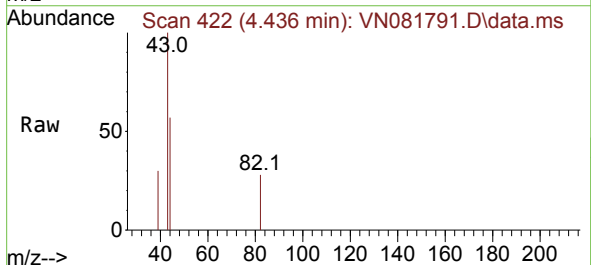


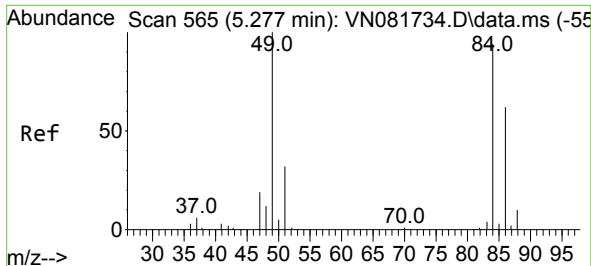
Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 39.1 55.8 83.8#



#16
Acetone
Concen: 1.981 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

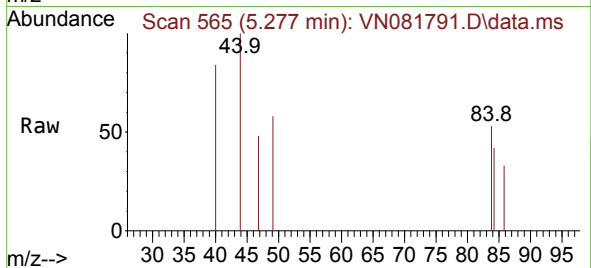
Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



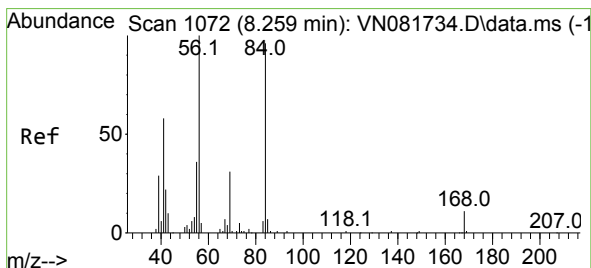
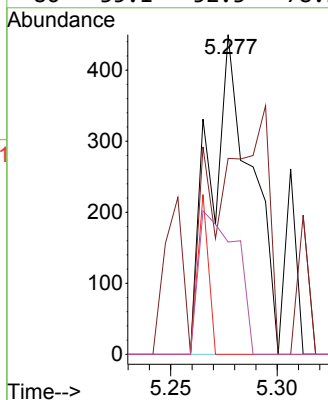
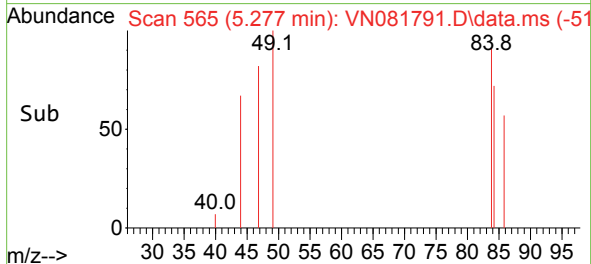


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

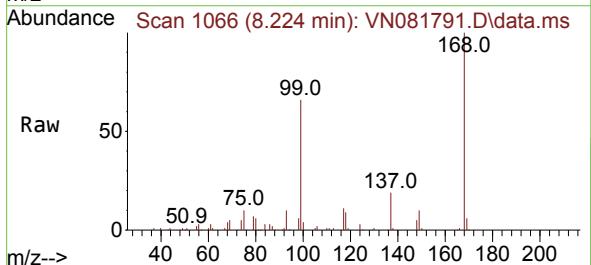
Instrument :
MSVOA_N
ClientSampleId :



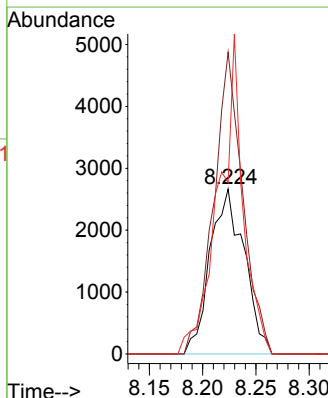
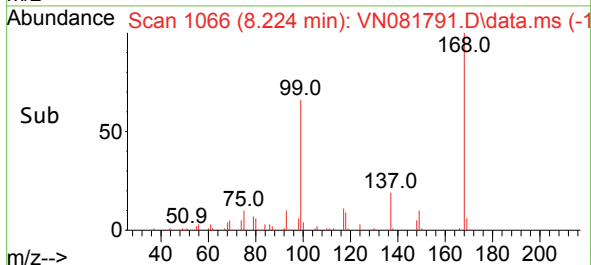
Tgt Ion:	84	Resp:	606
Ion	Ratio	Lower	Upper
84	100		
49	61.3	84.9	127.3#
51	0.0	27.0	40.6#
86	35.1	52.3	78.5#

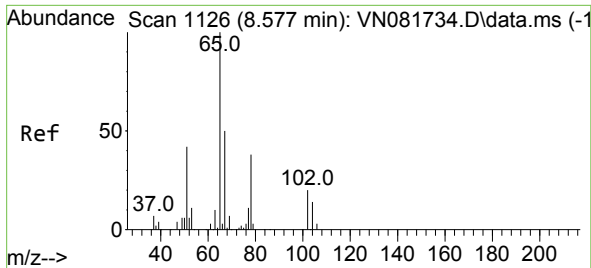


#31
Cyclohexane
Concen: 1.306 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42



Tgt Ion:	56	Resp:	5942
Ion	Ratio	Lower	Upper
56	100		
69	183.0	24.4	36.6#
84	103.9	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 50.671 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081791.D

Acq: 18 Apr 2024 16:42

Instrument :

MSVOA_N

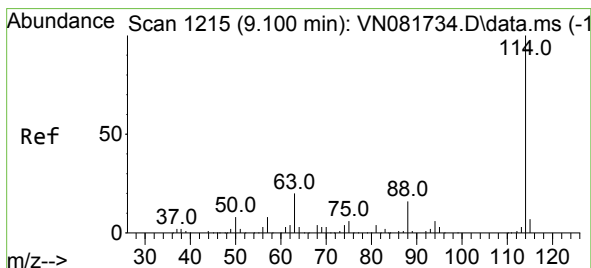
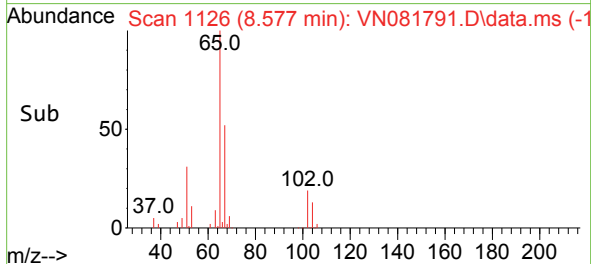
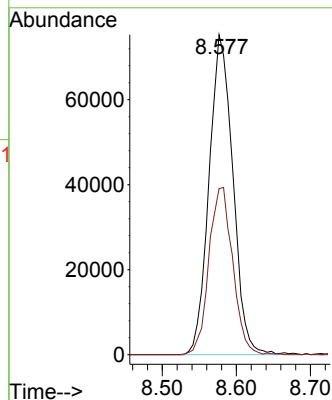
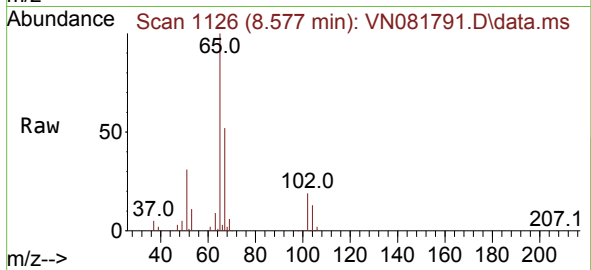
ClientSampleId :

Tgt Ion: 65 Resp: 168001

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081791.D

Acq: 18 Apr 2024 16:42

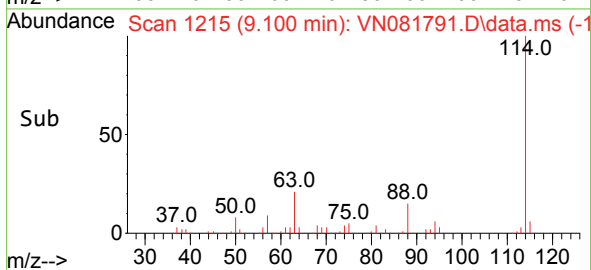
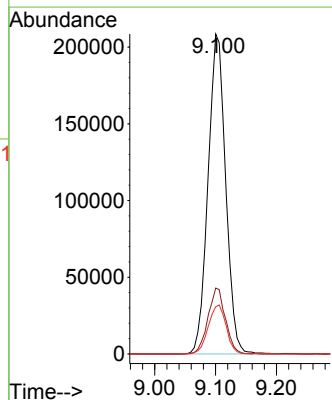
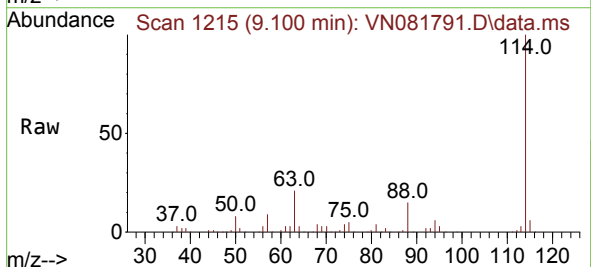
Tgt Ion: 114 Resp: 420144

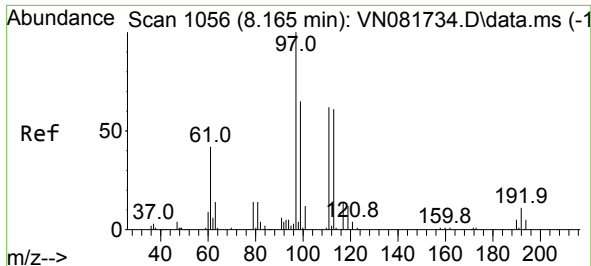
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

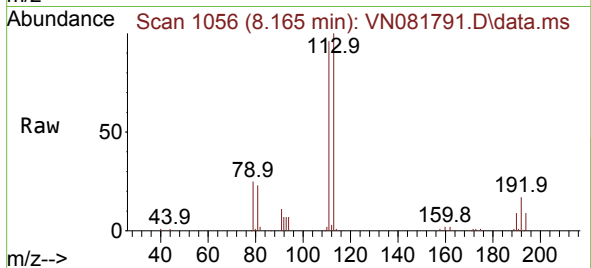
88 14.8 0.0 31.4



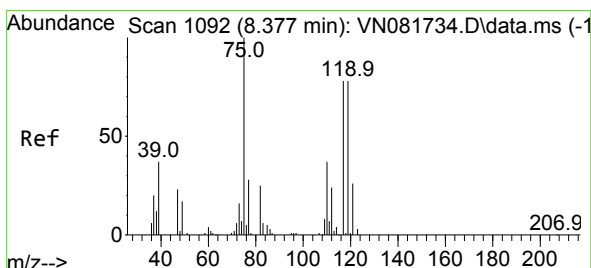
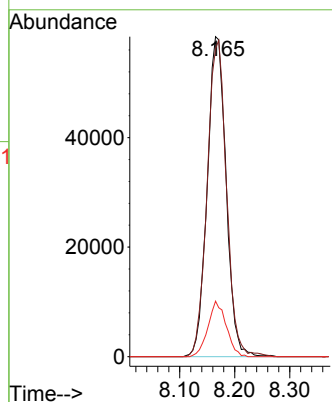
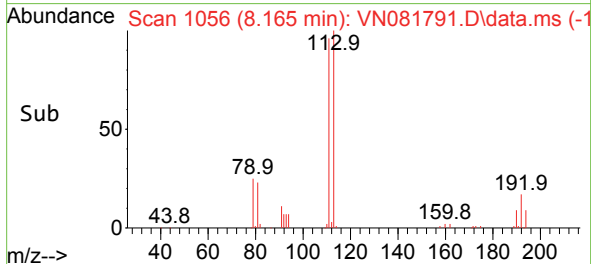


#35
Dibromofluoromethane
Concen: 50.391 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :

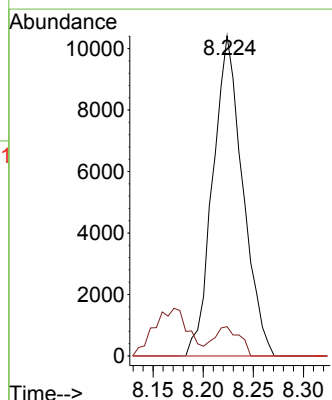
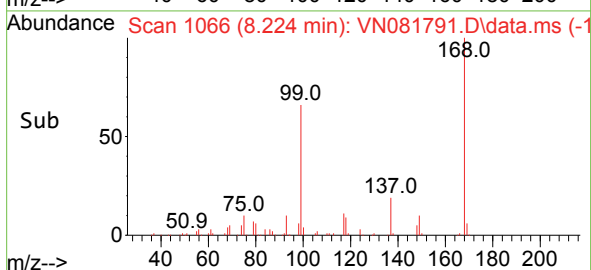
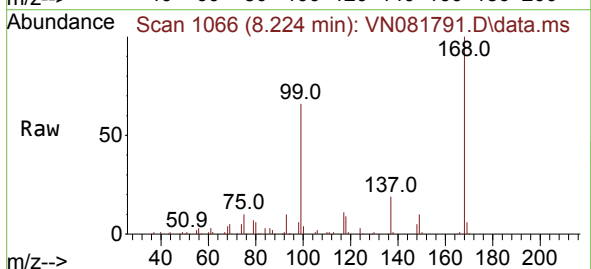


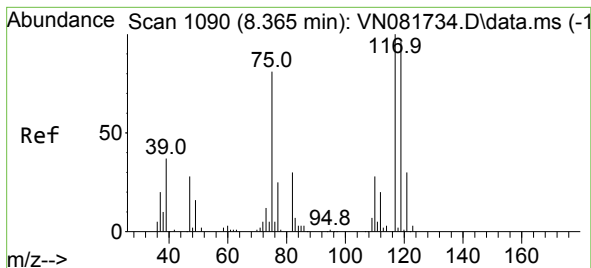
Tgt Ion:113 Resp: 139805
Ion Ratio Lower Upper
113 100
111 100.9 83.4 125.2
192 16.8 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.578 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

Tgt Ion: 75 Resp: 21561
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.532 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

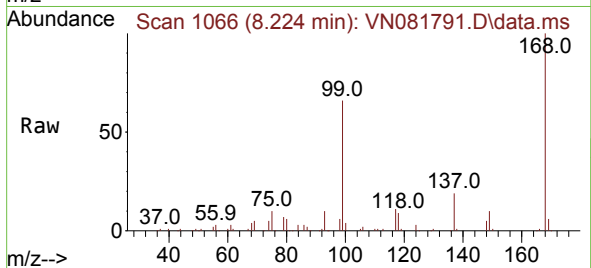
Lab File: VN081791.D

Acq: 18 Apr 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :



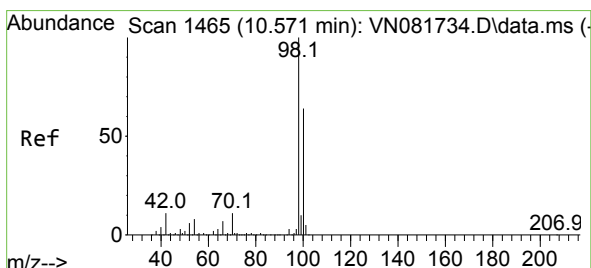
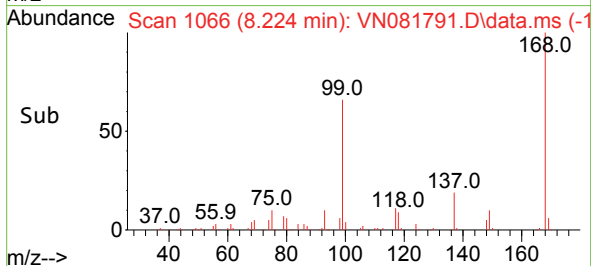
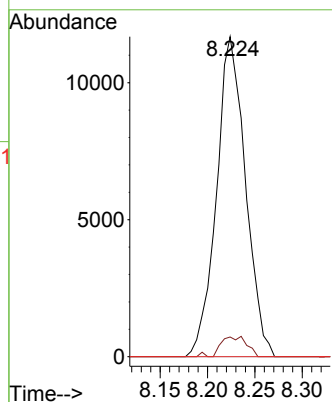
Tgt Ion:117 Resp: 24879

Ion Ratio Lower Upper

117 100

119 6.1 76.5 114.7#

121 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 50.782 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081791.D

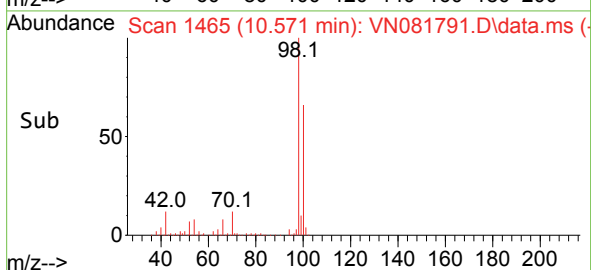
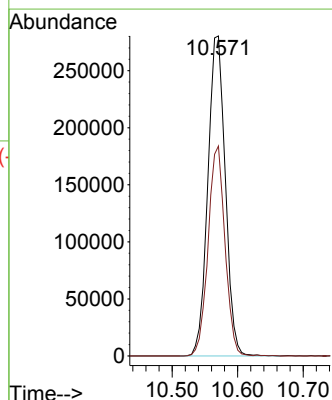
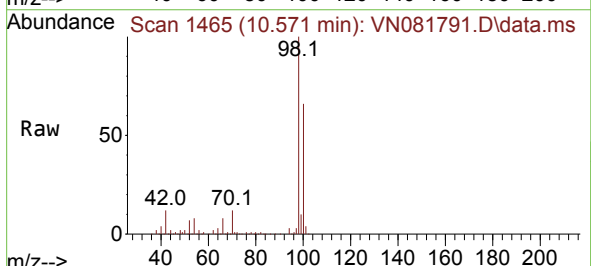
Acq: 18 Apr 2024 16:42

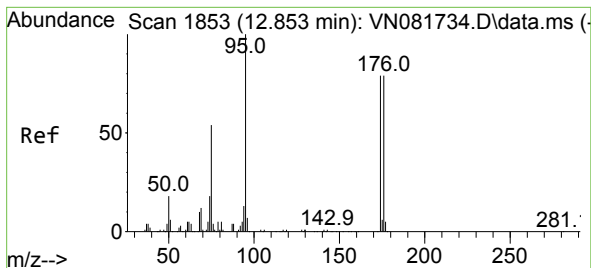
Tgt Ion: 98 Resp: 519033

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.6

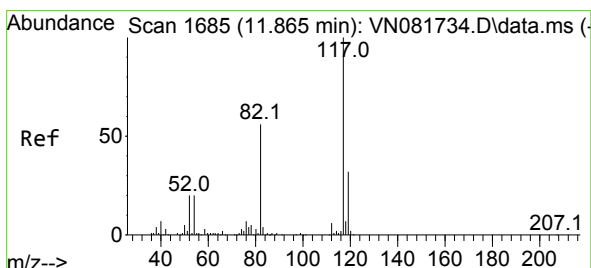
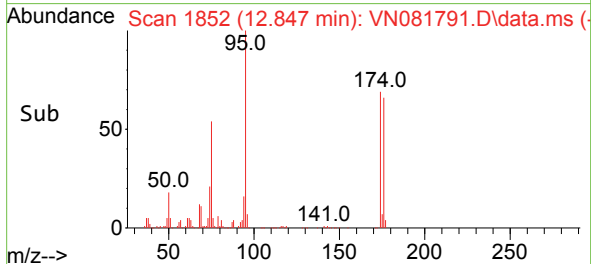
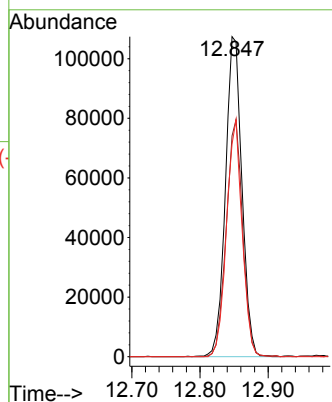
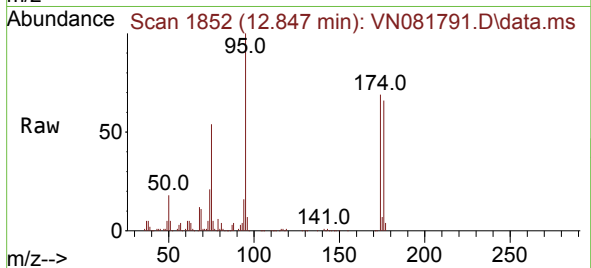




#62
4-Bromofluorobenzene
Concen: 51.706 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

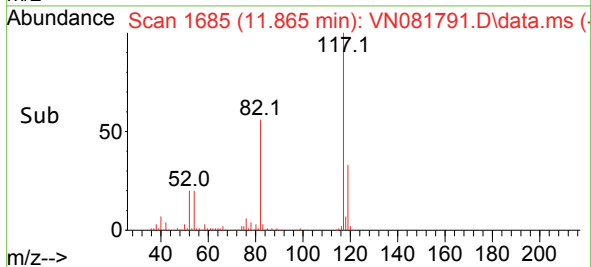
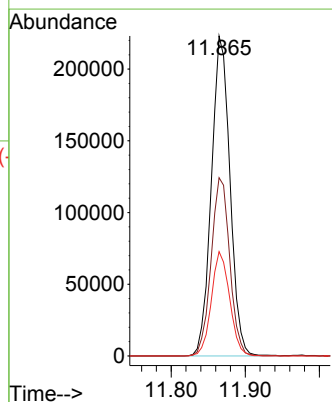
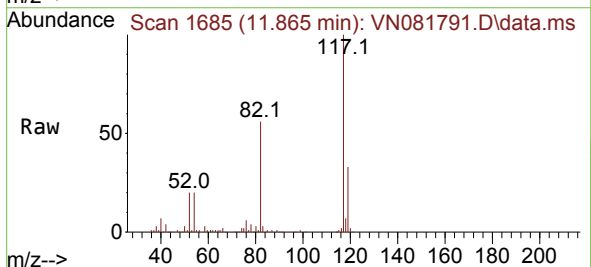
Instrument :
MSVOA_N
ClientSampleId :

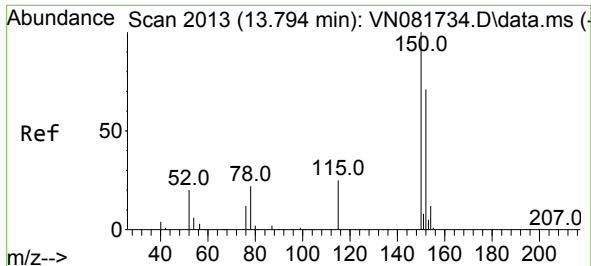
Tgt Ion: 95 Resp: 180595
Ion Ratio Lower Upper
95 100
174 73.4 0.0 160.6
176 70.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

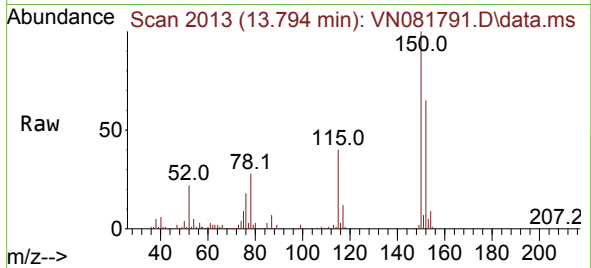
Tgt Ion: 117 Resp: 389176
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 32.6 25.9 38.9



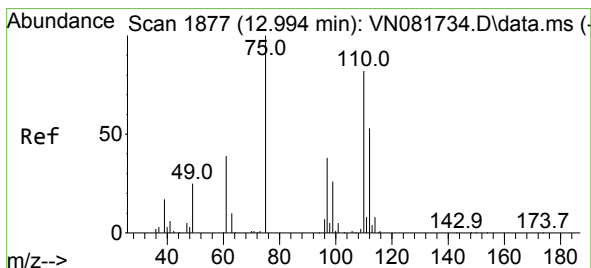
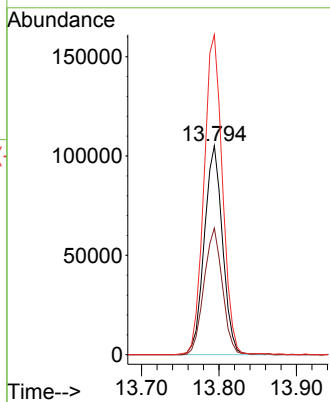
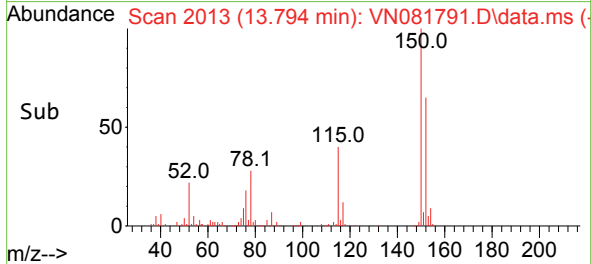


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :

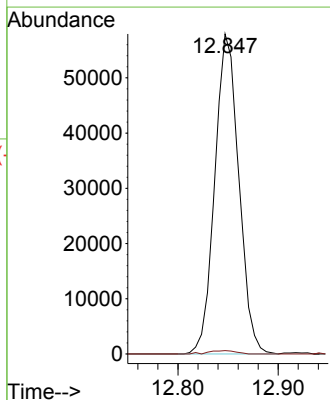
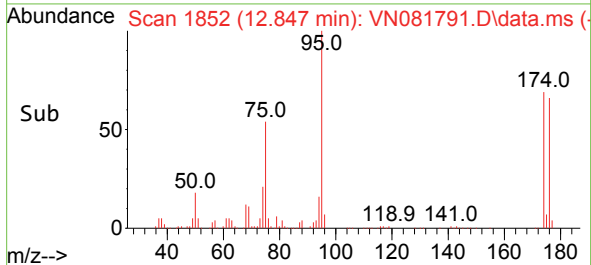
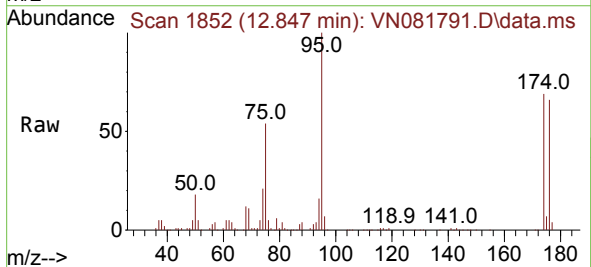


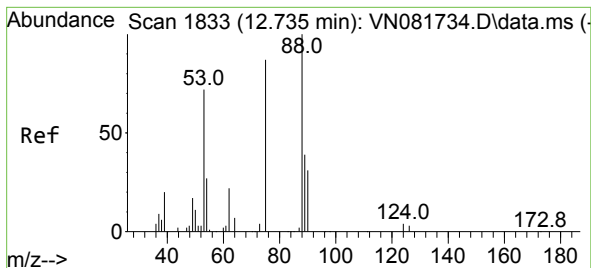
Tgt Ion:152 Resp: 172112
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 154.6 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 29.227 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081791.D
Acq: 18 Apr 2024 16:42

Tgt Ion: 75 Resp: 96418
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#

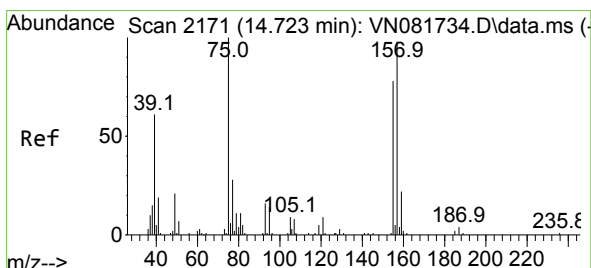
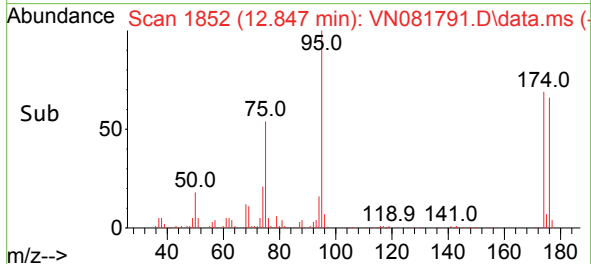
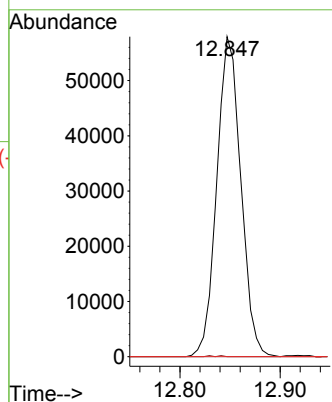
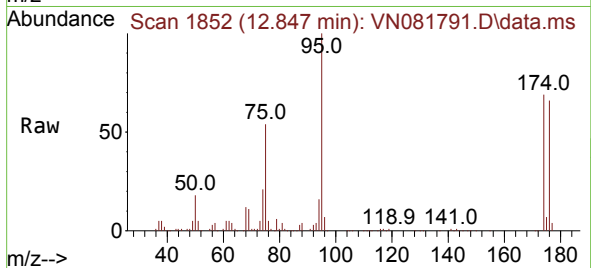




#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.546 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081791.D
 Acq: 18 Apr 2024 16:42

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 96418
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.9 109.3#
 89 0.0 39.1 58.7#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.629 min Scan# 2155
 Delta R.T. -0.094 min
 Lab File: VN081791.D
 Acq: 18 Apr 2024 16:42

Tgt Ion: 75 Resp: 64
 Ion Ratio Lower Upper
 75 100
 155 84.4 42.6 128.0
 157 0.0 53.0 159.0#

