

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081789.D
 Acq On : 18 Apr 2024 15:54
 Operator : JC\MD
 Sample : P2121-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:25:15 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)

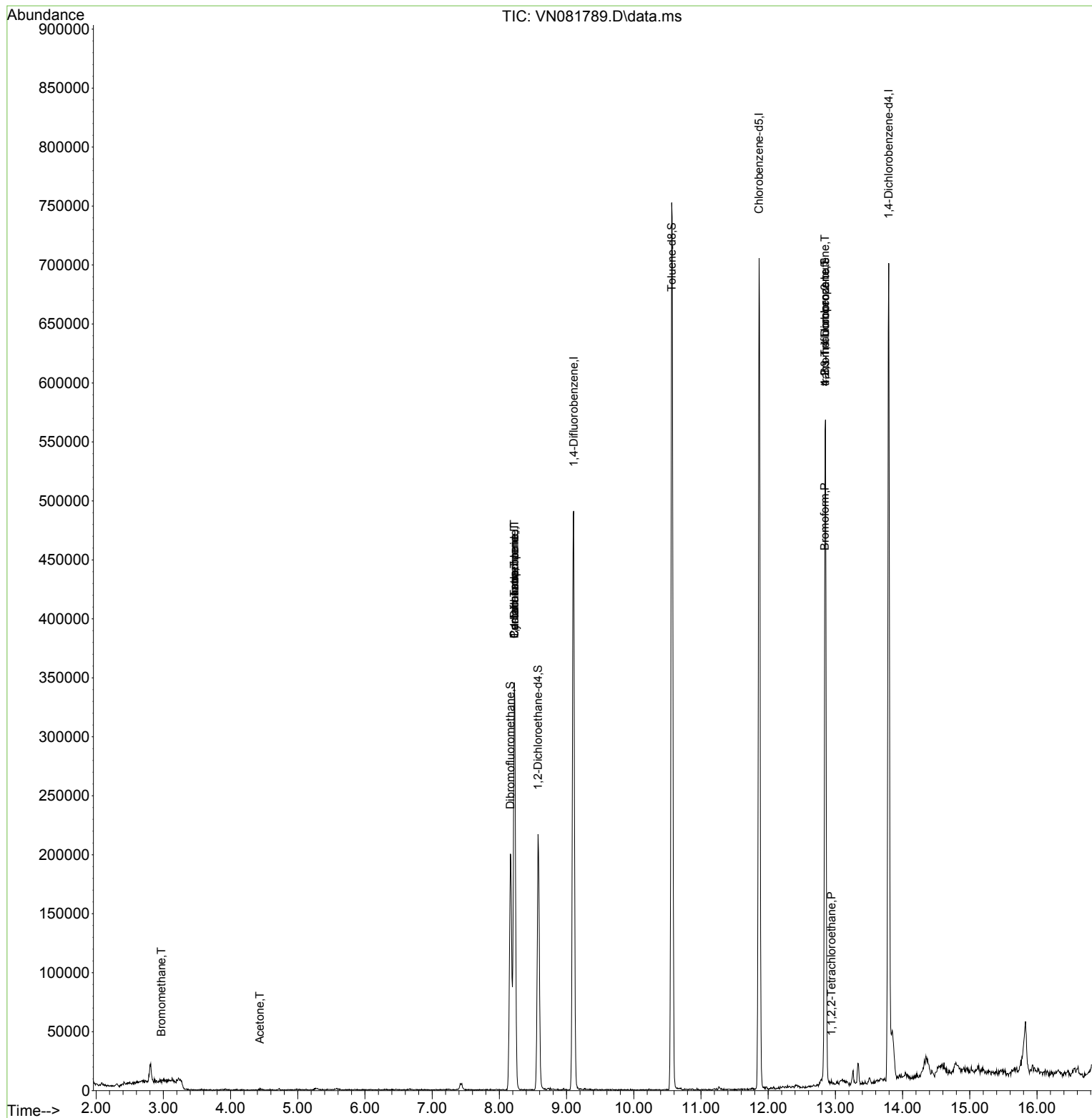
Internal Standards						
1) Pentafluorobenzene	8.224	168	242625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	405113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	176818	51.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.580%	
35) Dibromofluoromethane	8.165	113	142523	49.755	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.500%	
50) Toluene-d8	10.565	98	534142	50.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.240%	
62) 4-Bromofluorobenzene	12.847	95	190179	52.738	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	637	Below Cal		99
5) Bromomethane	2.971	94	583	0.257 ug/l		95
6) Chloroethane	3.130	64	141	Below Cal	#	5
16) Acetone	4.436	43	841	0.885 ug/l	#	43
20) Methylene Chloride	5.265	84	411	Below Cal	#	50
31) Cyclohexane	8.224	56	6468	1.381 ug/l	#	36
36) 1,1-Dichloropropene	8.224	75	21176	5.306 ug/l	#	50
38) Carbon Tetrachloride	8.224	117	25822	5.561 ug/l	#	15
71) Bromoform	12.841	173	651	0.265 ug/l	#	28
75) 1,1,2,2-Tetrachloroethane	12.941	83	887	0.226 ug/l	#	25
76) 1,2,3-Trichloropropane	12.847	75	104030	30.610 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	104030	71.398 ug/l	#	12
92) 1,2-Dibromo-3-Chloropr...	14.635	75	67	Below Cal	#	2

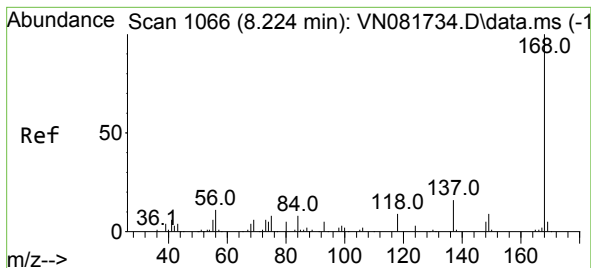
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
Data File : VN081789.D
Acq On : 18 Apr 2024 15:54
Operator : JC\MD
Sample : P2121-04 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

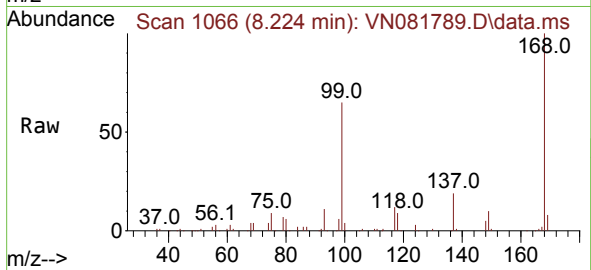
Quant Time: Apr 19 01:25:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration



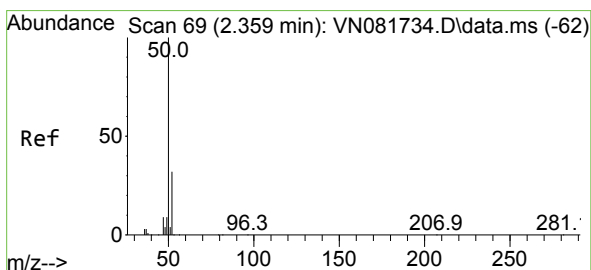
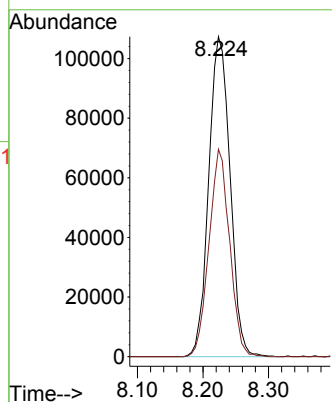
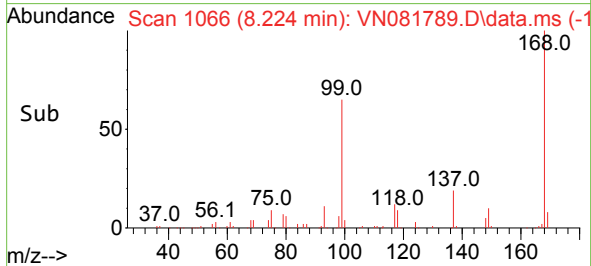


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :

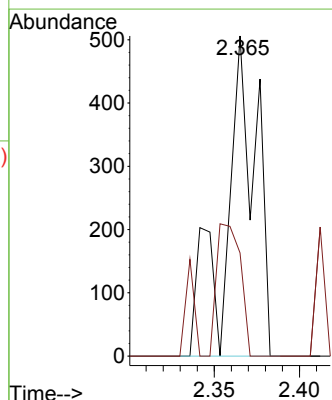
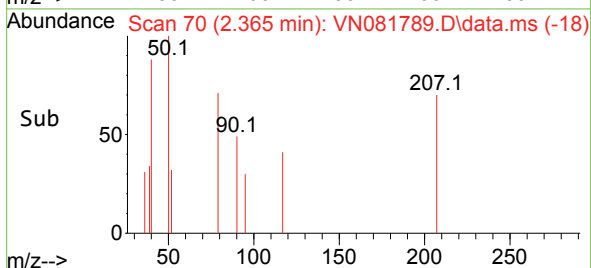
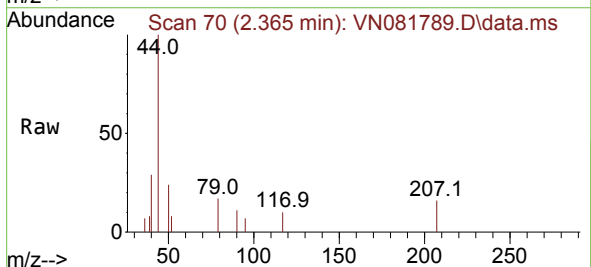


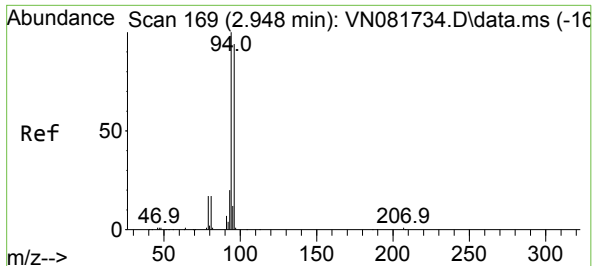
Tgt Ion:168 Resp: 242625
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Tgt Ion: 50 Resp: 637
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

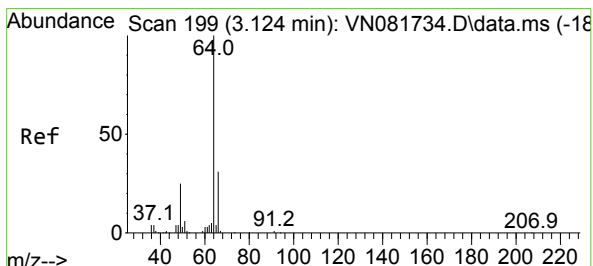
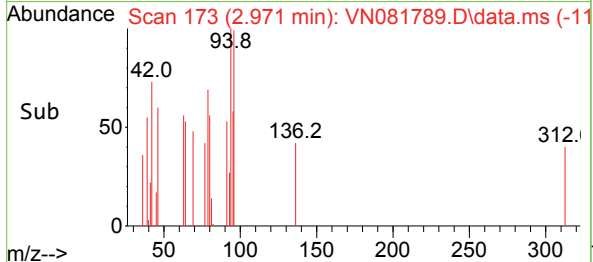
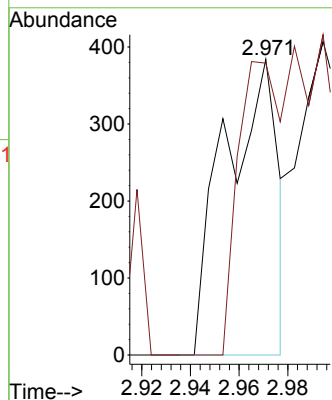
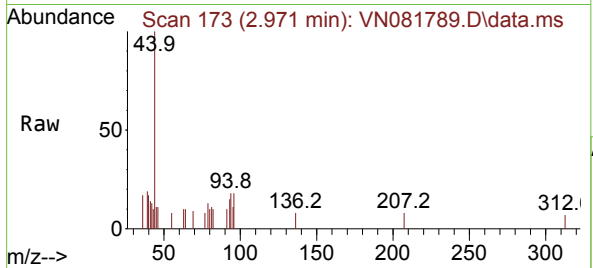




#5
Bromomethane
Concen: 0.257 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

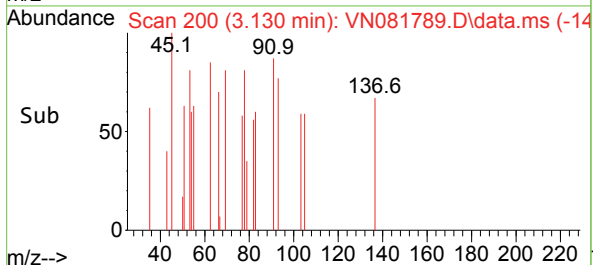
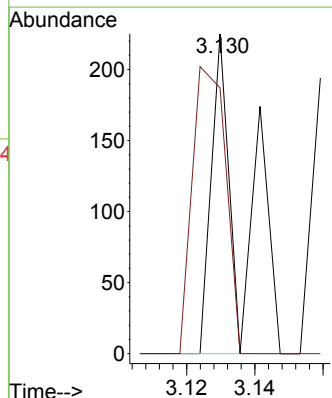
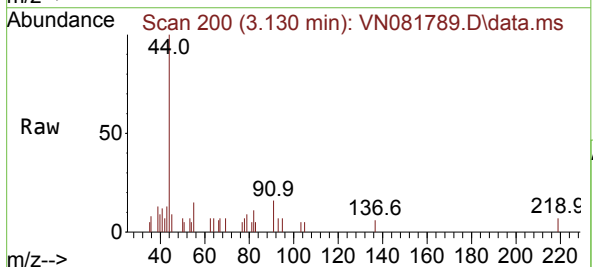
Instrument :
MSVOA_N
ClientSampleId :

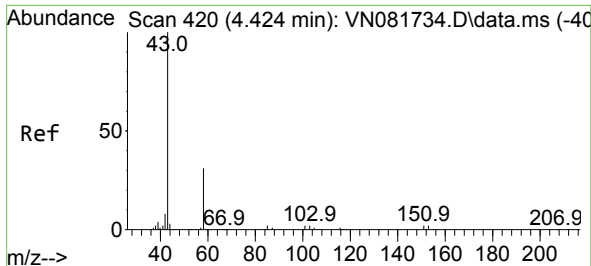
Tgt Ion: 94 Resp: 583
Ion Ratio Lower Upper
94 100
96 98.7 74.8 112.2



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

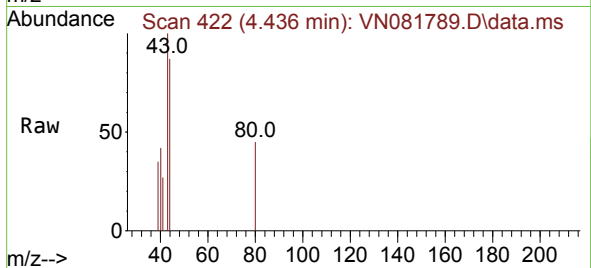
Tgt Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 83.1 24.7 37.1#



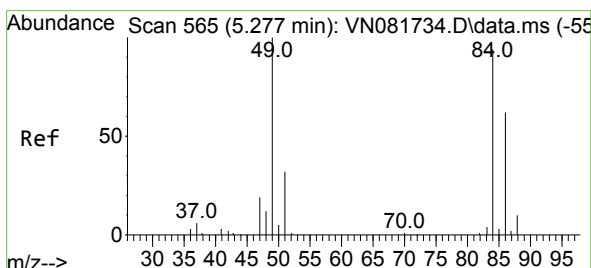
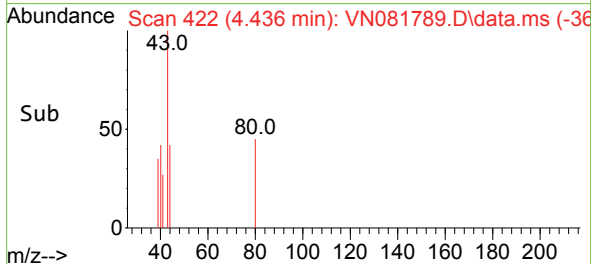
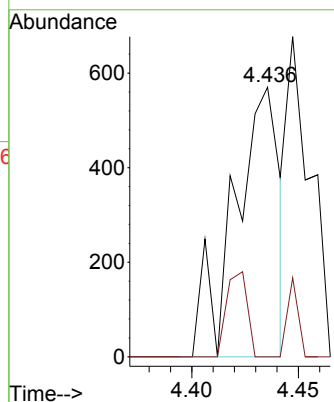


#16
Acetone
Concen: 0.885 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :

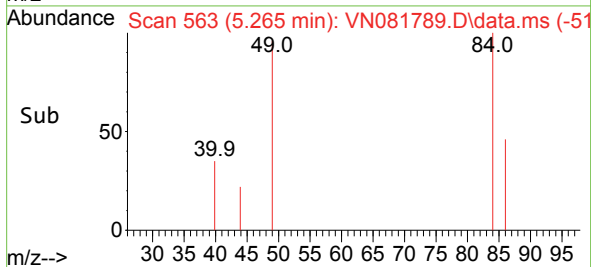
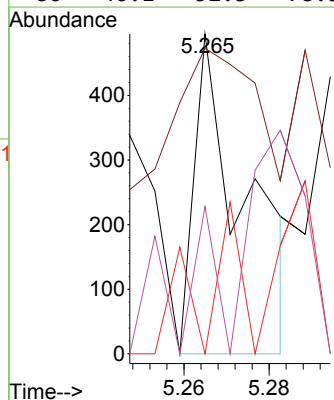
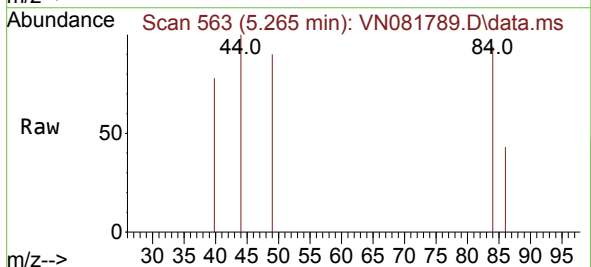


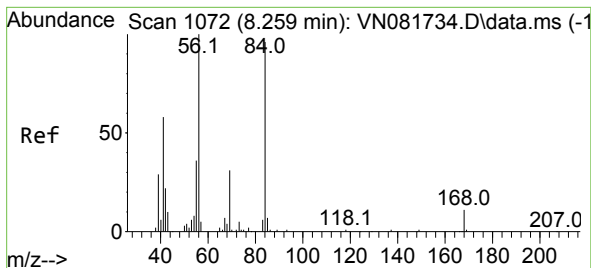
Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Tgt Ion: 84 Resp: 411
Ion Ratio Lower Upper
84 100
49 41.4 84.9 127.3#
51 0.0 27.0 40.6#
86 46.1 52.3 78.5#





#31

Cyclohexane

Concen: 1.381 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

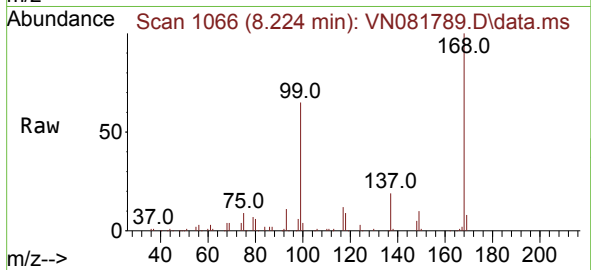
Lab File: VN081789.D

Acq: 18 Apr 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :



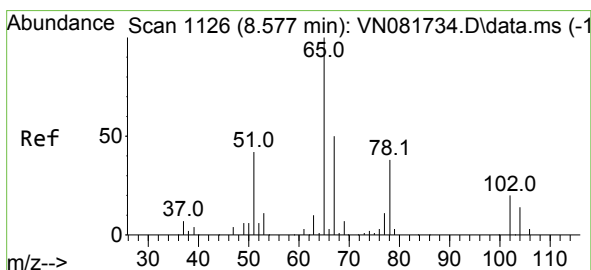
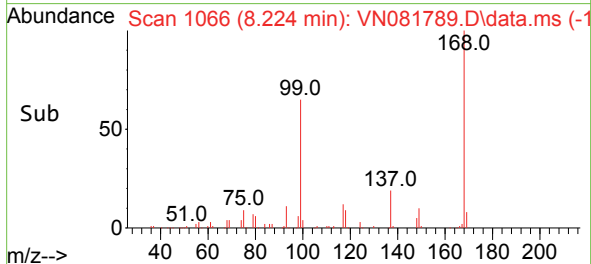
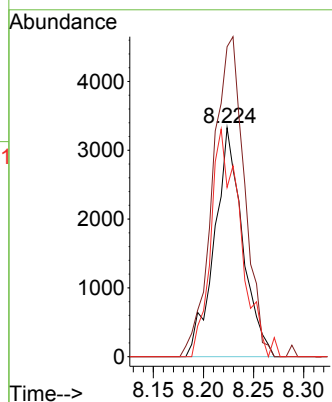
Tgt Ion: 56 Resp: 6468

Ion Ratio Lower Upper

56 100

69 135.3 24.4 36.6#

84 73.9 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 51.790 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.001 min

Lab File: VN081789.D

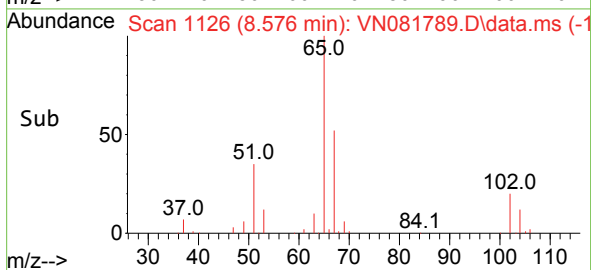
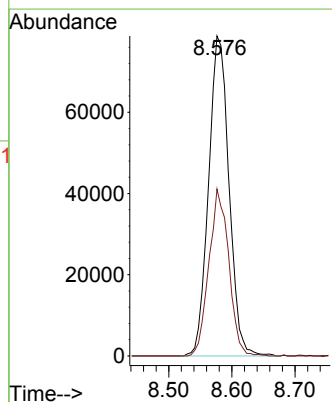
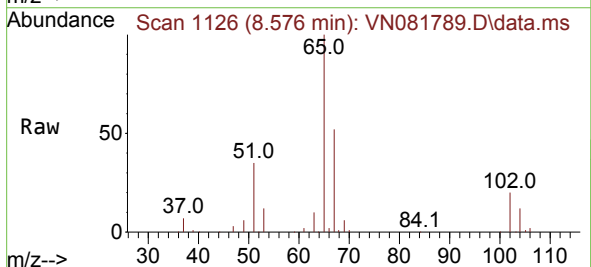
Acq: 18 Apr 2024 15:54

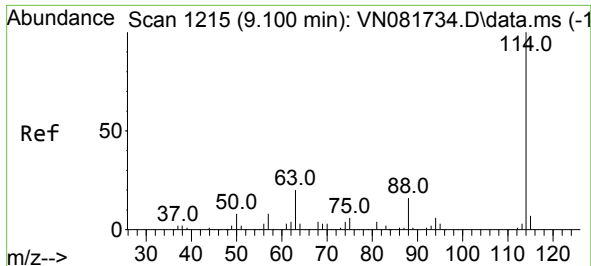
Tgt Ion: 65 Resp: 176818

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN081789.D

Acq: 18 Apr 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

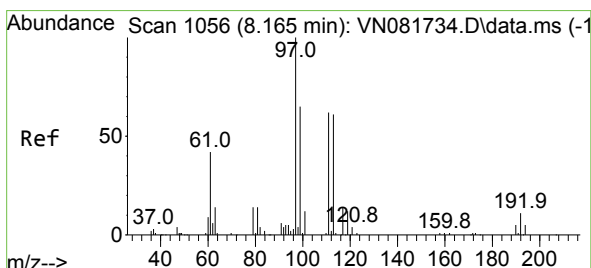
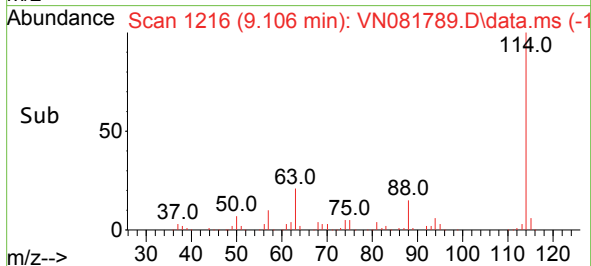
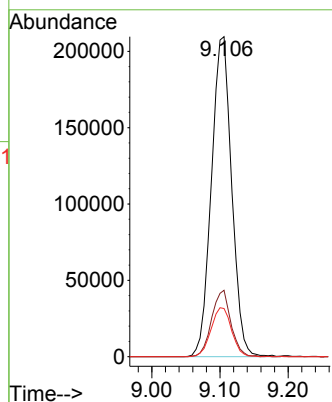
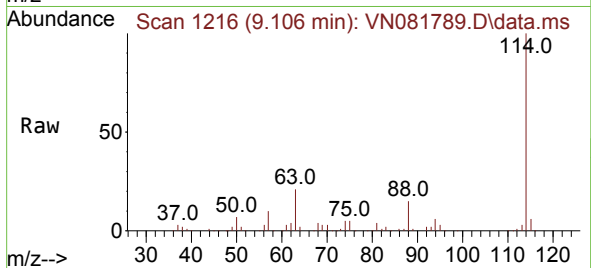
Tgt Ion:114 Resp: 433789

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.0

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.755 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081789.D

Acq: 18 Apr 2024 15:54

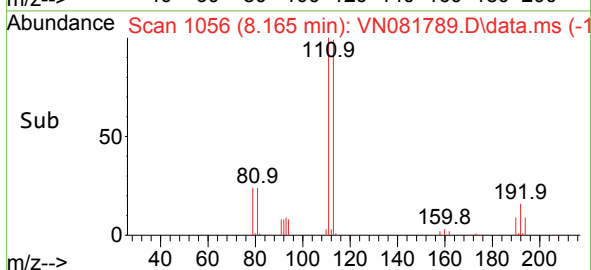
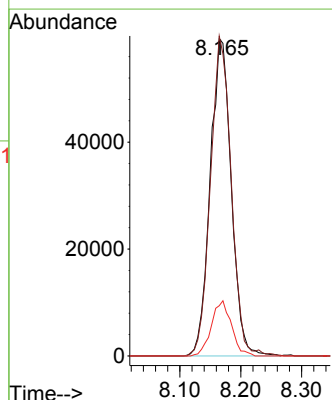
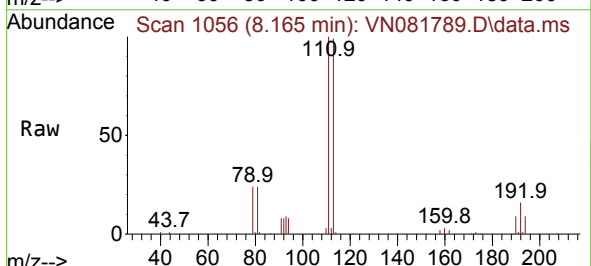
Tgt Ion:113 Resp: 142523

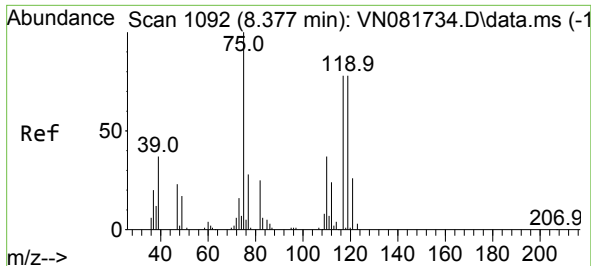
Ion Ratio Lower Upper

113 100

111 99.3 83.4 125.2

192 16.6 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.306 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

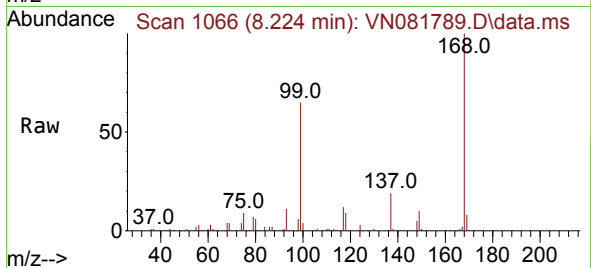
Lab File: VN081789.D

Acq: 18 Apr 2024 15:54

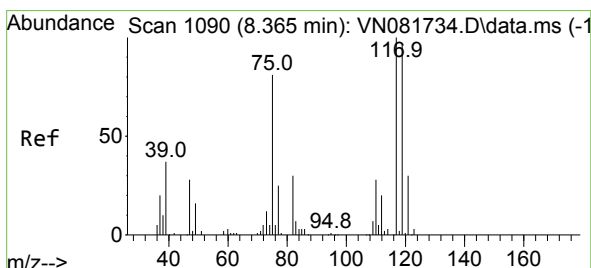
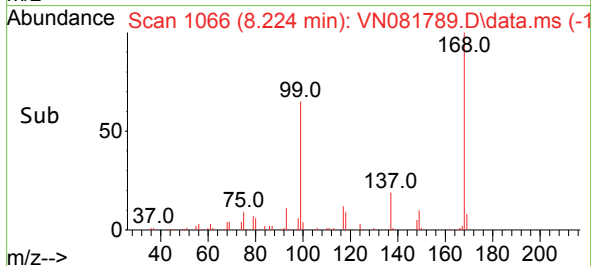
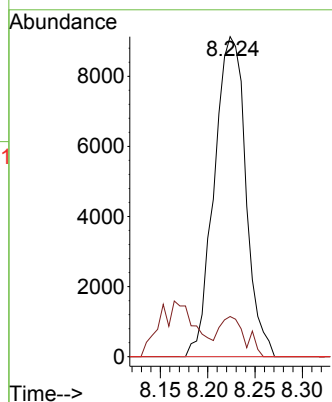
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	21176
Ion Ratio	Lower	Upper	
75	100		
110	10.1	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.561 ug/l

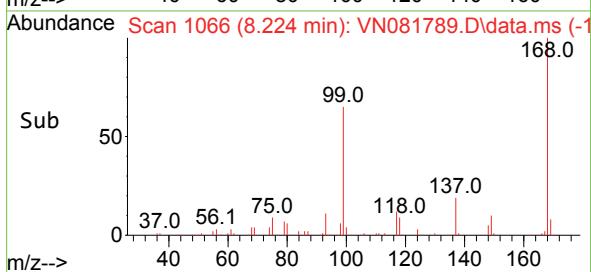
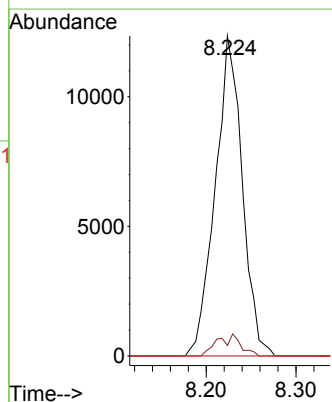
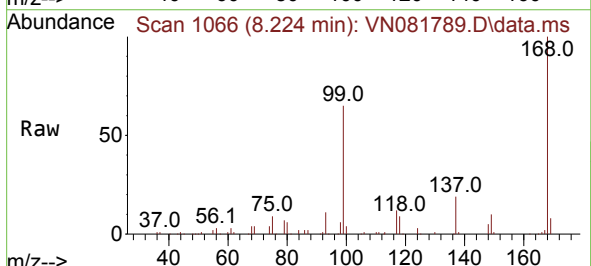
RT: 8.224 min Scan# 1066

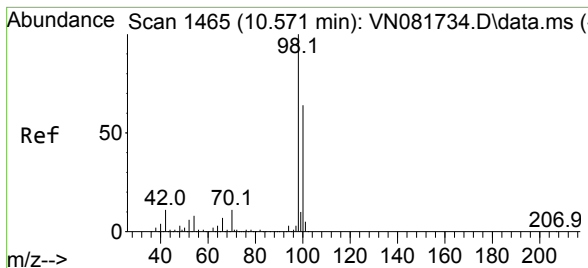
Delta R.T. -0.141 min

Lab File: VN081789.D

Acq: 18 Apr 2024 15:54

Tgt Ion:	117	Resp:	25822
Ion Ratio	Lower	Upper	
117	100		
119	3.3	76.5	114.7#
121	0.0	23.9	35.9#

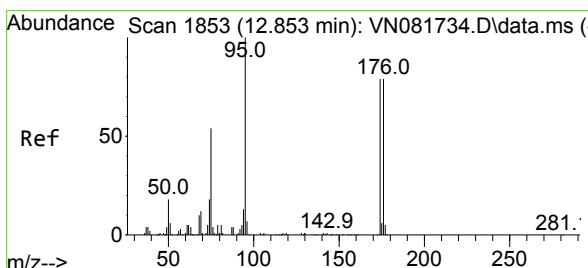
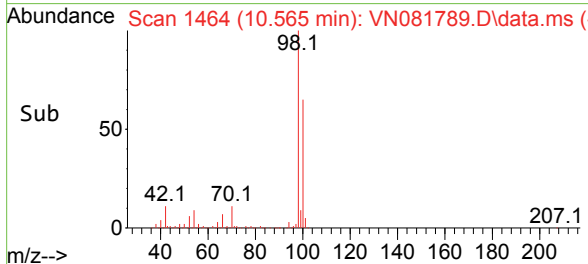
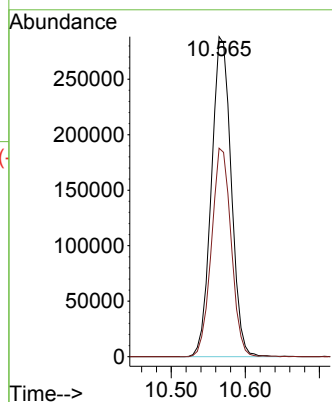
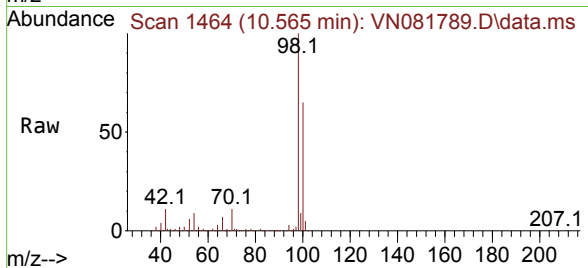




#50
Toluene-d8
Concen: 50.616 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

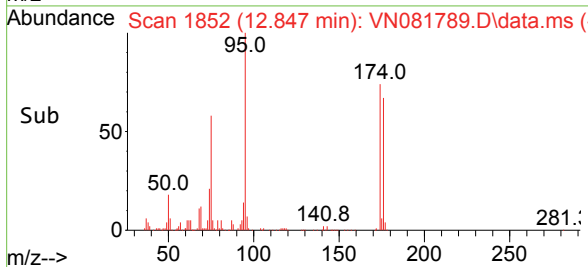
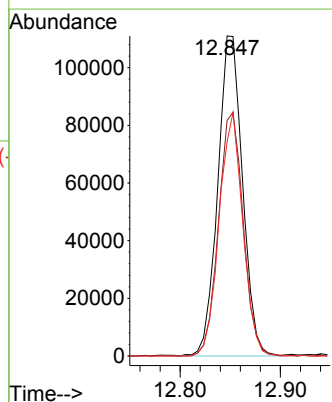
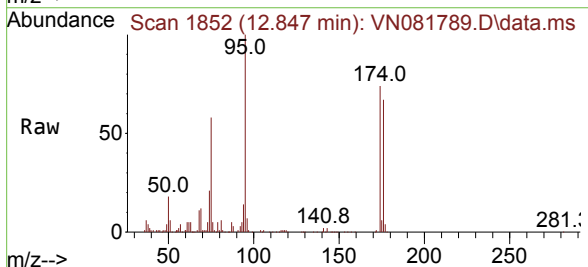
Instrument :
MSVOA_N
ClientSampleId :

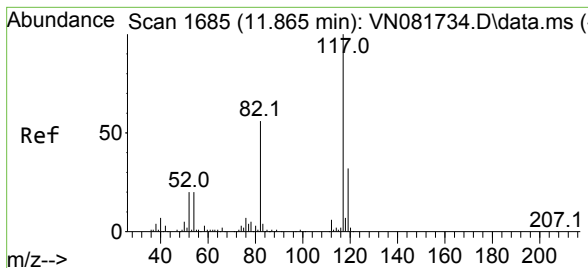
Tgt Ion: 98 Resp: 534142
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.738 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

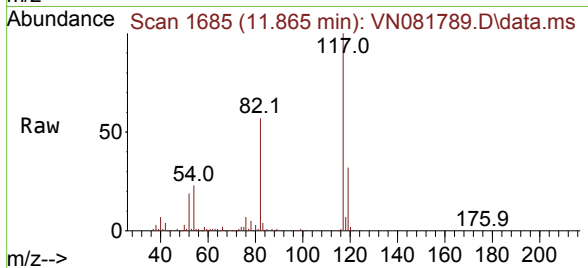
Tgt Ion: 95 Resp: 190179
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 72.3 0.0 152.8



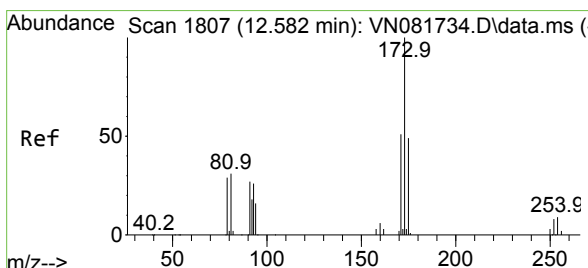
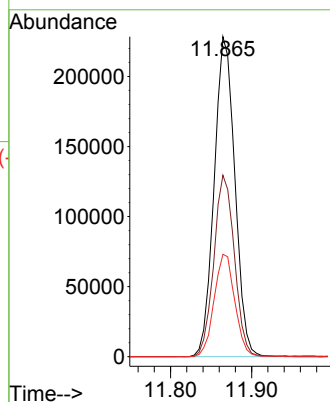
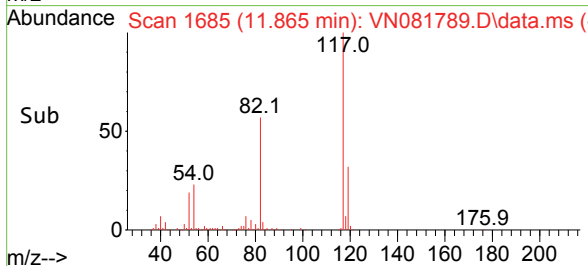


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :

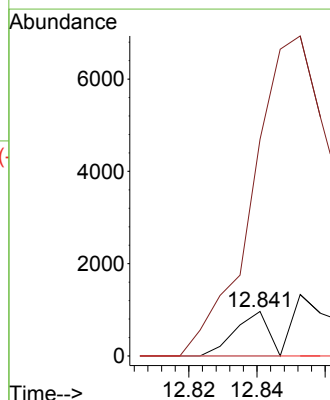
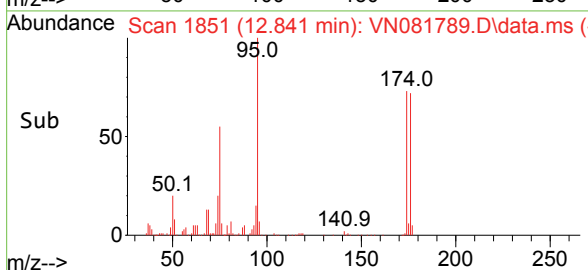
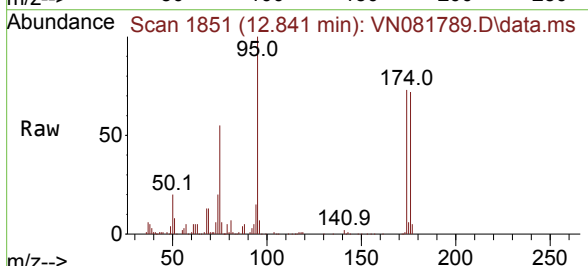


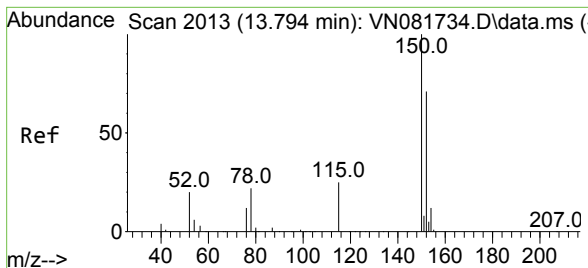
Tgt Ion:117 Resp: 405113
Ion Ratio Lower Upper
117 100
82 56.6 44.6 66.8
119 32.0 25.9 38.9



#71
Bromoform
Concen: 0.265 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

Tgt Ion:173 Resp: 651
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

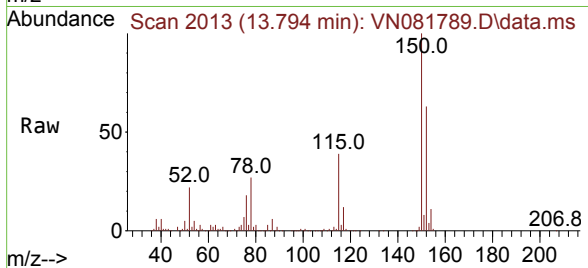
Lab File: VN081789.D

Acq: 18 Apr 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :



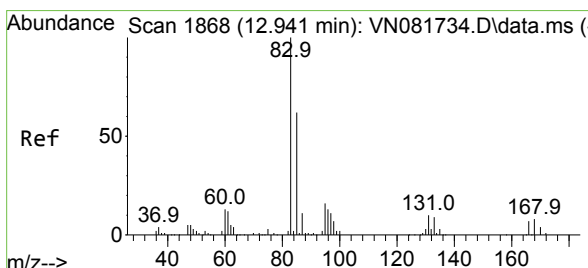
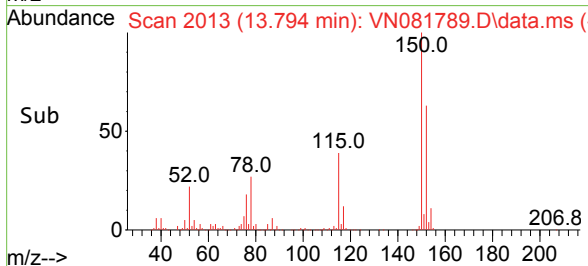
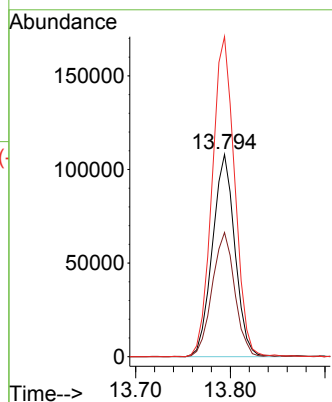
Tgt Ion:152 Resp: 178281

Ion Ratio Lower Upper

152 100

115 61.7 30.4 91.3

150 159.0 0.0 353.2



#75

1,1,2,2-Tetrachloroethane

Concen: 0.226 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081789.D

Acq: 18 Apr 2024 15:54

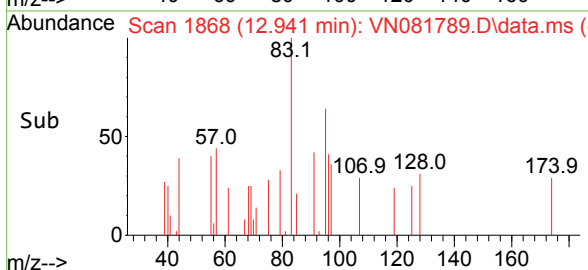
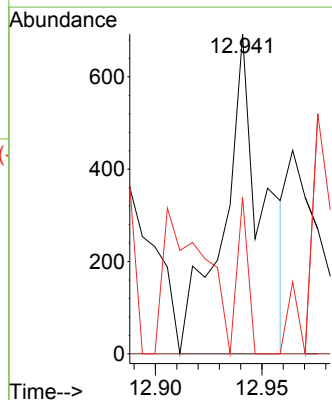
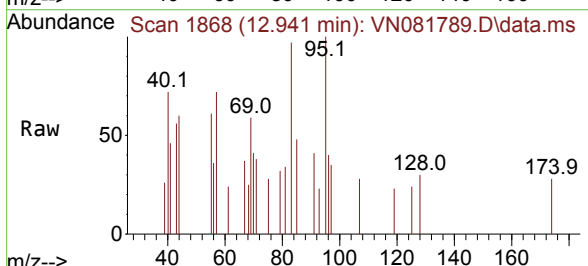
Tgt Ion: 83 Resp: 887

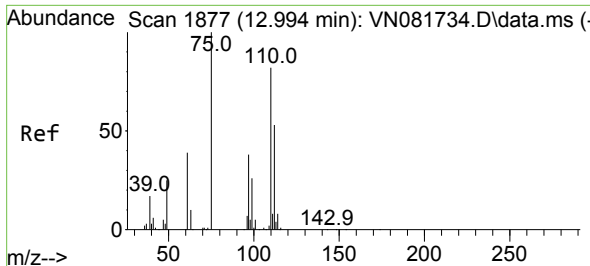
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 0.0 32.9 98.6#

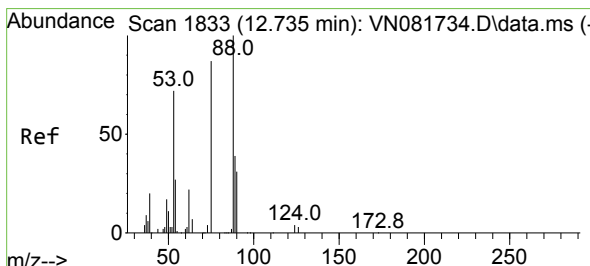
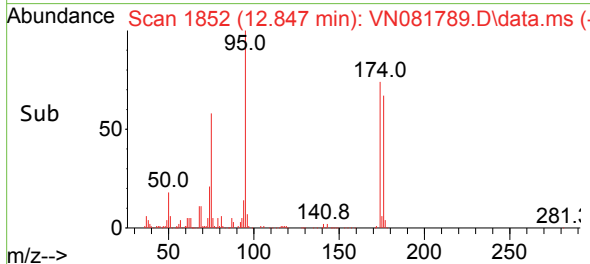
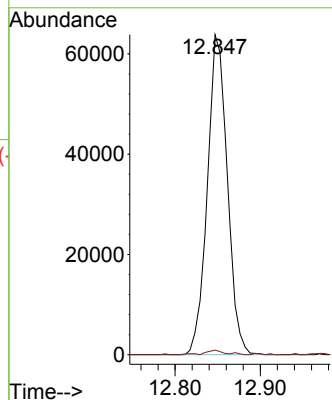
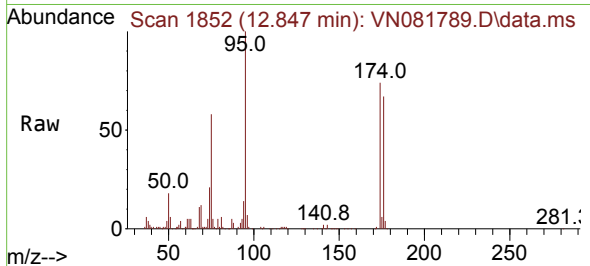




#76
1,2,3-Trichloropropane
Concen: 30.610 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

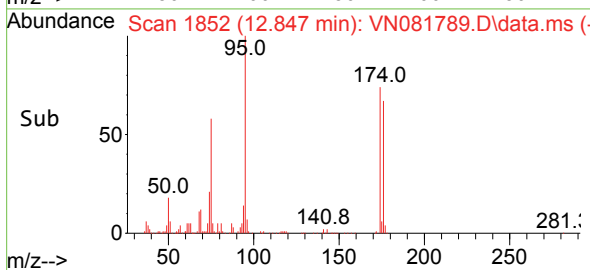
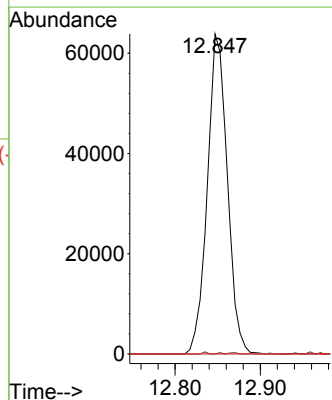
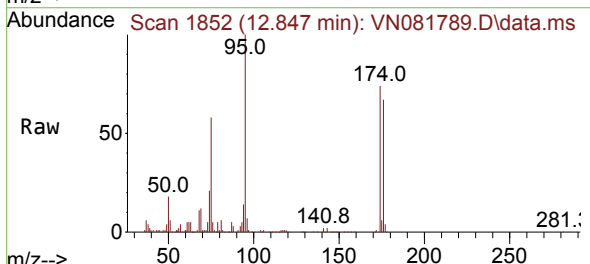
Instrument :
MSVOA_N
ClientSampleId :

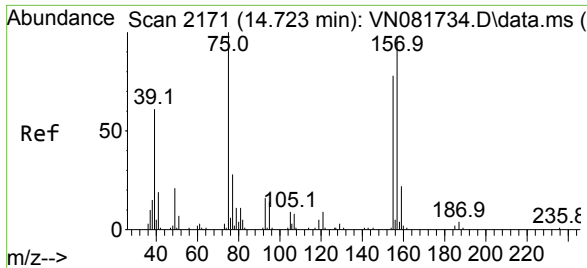
Tgt Ion: 75 Resp: 104030
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.398 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN081789.D
Acq: 18 Apr 2024 15:54

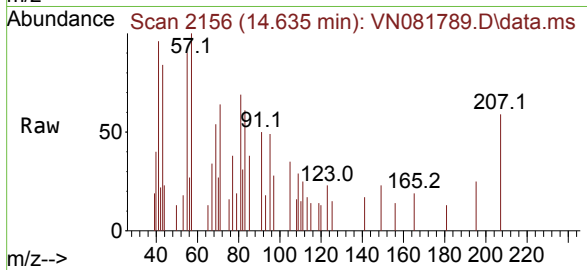
Tgt Ion: 75 Resp: 104030
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.635 min Scan# 21
 Delta R.T. -0.088 min
 Lab File: VN081789.D
 Acq: 18 Apr 2024 15:54

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	67
Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.6	128.0#
157	0.0	53.0	159.0#

