

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080188.D
 Acq On : 18 Nov 2023 16:07
 Operator : JC\MD
 Sample : 05470-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 01:27:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

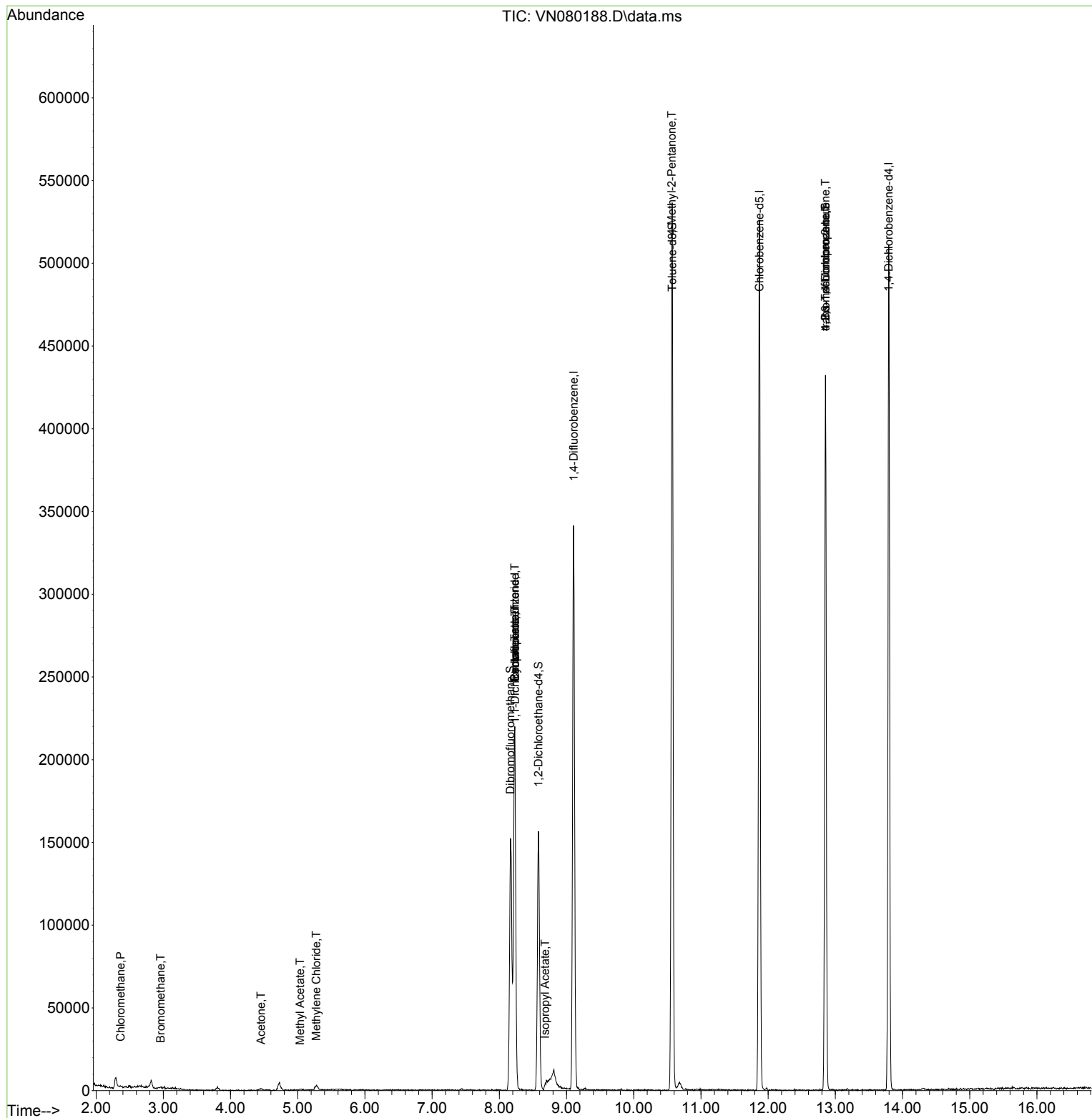
Internal Standards							
1) Pentafluorobenzene		8.230	168	151979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.106	114	285651	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.871	117	298915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.794	152	132349	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.583	65	140161	55.854	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.700%	
35) Dibromofluoromethane		8.165	113	108871	51.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.300%	
50) Toluene-d8		10.571	98	370891	48.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.620%	
62) 4-Bromofluorobenzene		12.853	95	147749	51.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.960%	
Target Compounds							
						Qvalue	
3) Chloromethane		2.365	50	557	0.327	ug/l #	42
5) Bromomethane		2.960	94	274	0.224	ug/l	96
6) Chloroethane		3.124	64	773	Below Cal	#	43
16) Acetone		4.454	43	1766	2.095	ug/l #	40
18) Methyl Acetate		5.036	43	627	0.232	ug/l #	42
20) Methylene Chloride		5.277	84	2136	1.210	ug/l #	67
31) Cyclohexane		8.230	56	3639	1.333	ug/l #	48
36) 1,1-Dichloropropene		8.236	75	12955	4.245	ug/l #	52
38) Carbon Tetrachloride		8.230	117	18033	4.657	ug/l #	16
43) Isopropyl Acetate		8.683	43	2347	0.570	ug/l #	49
51) 4-Methyl-2-Pentanone		10.565	43	1298	0.609	ug/l #	1
76) 1,2,3-Trichloropropane		12.853	75	81899	25.256	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.853	75	81899	85.329	ug/l #	15

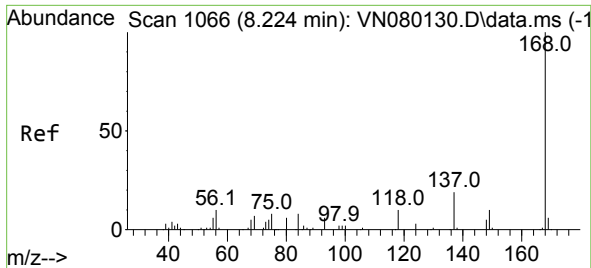
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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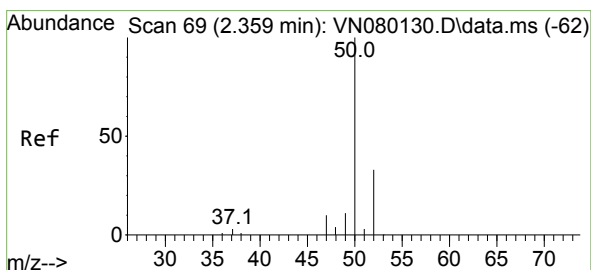
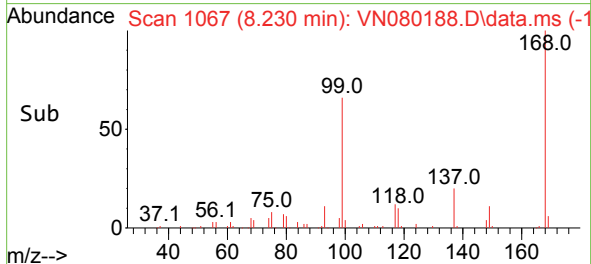
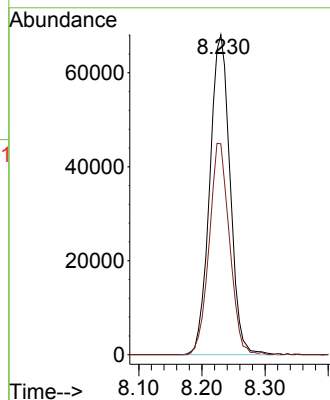
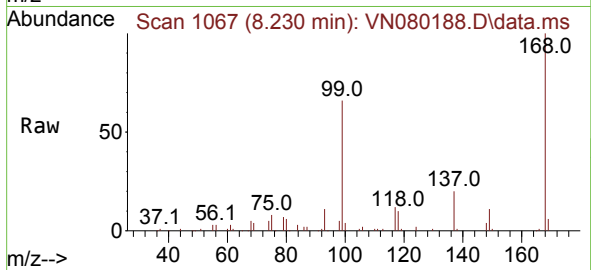




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07

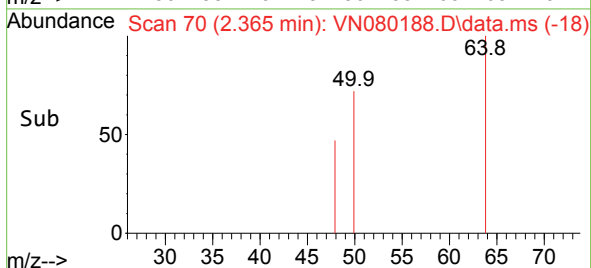
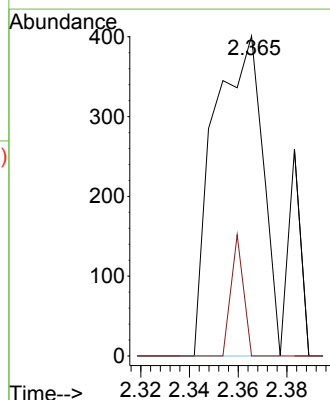
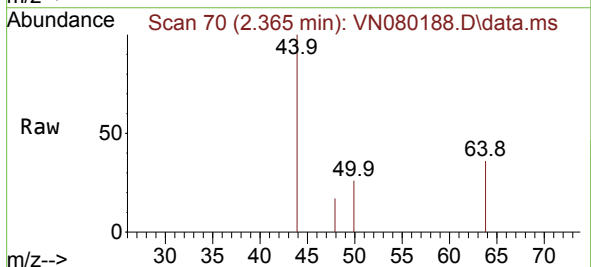
Instrument :
MSVOA_N
ClientSampleId :

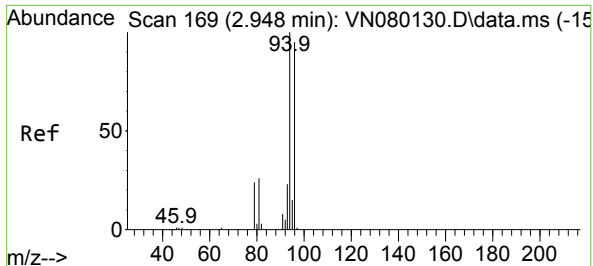
Tgt Ion:168 Resp: 151979
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#3
Chloromethane
Concen: 0.327 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07

Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

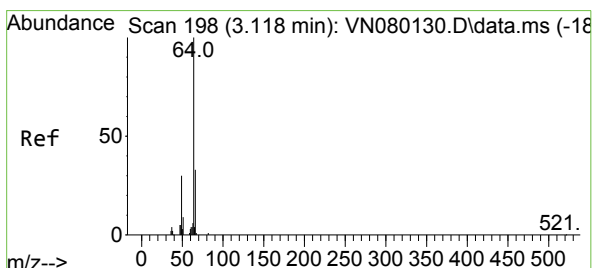
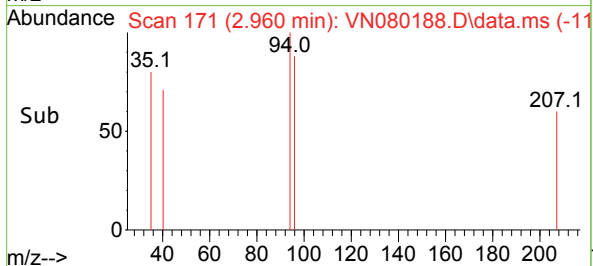
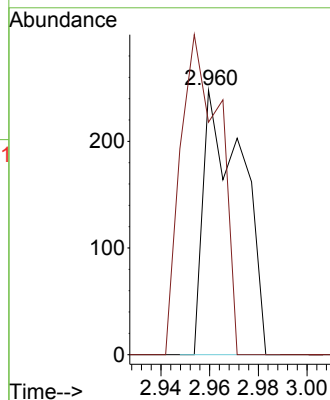
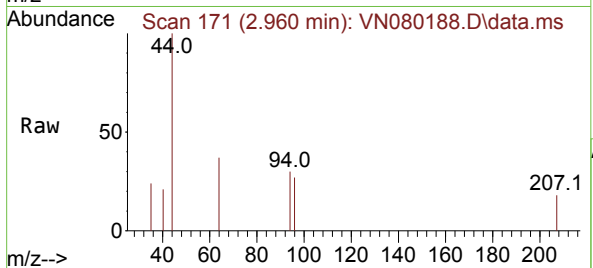




#5
Bromomethane
Concen: 0.224 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07

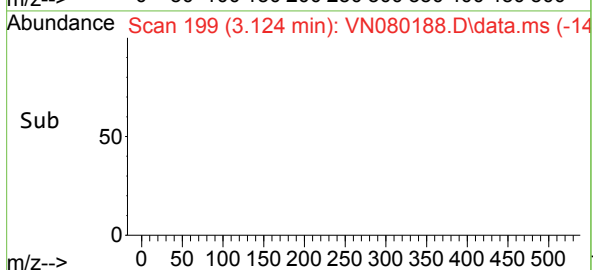
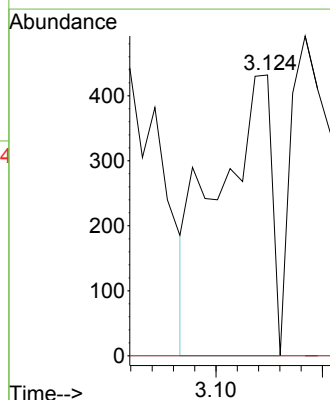
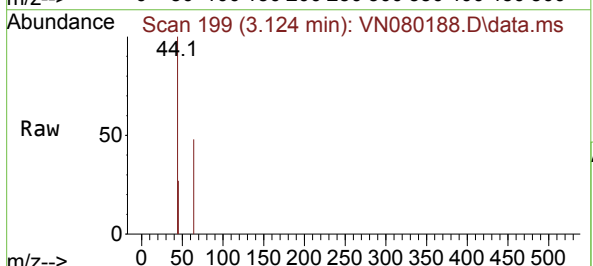
Instrument :
MSVOA_N
ClientSampleId :

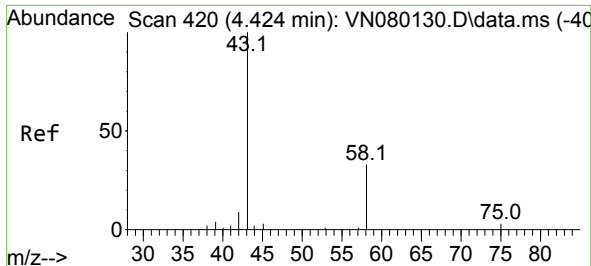
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 87.9 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07

Tgt Ion: 64 Resp: 773
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

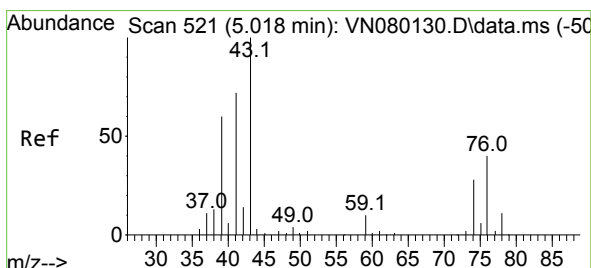
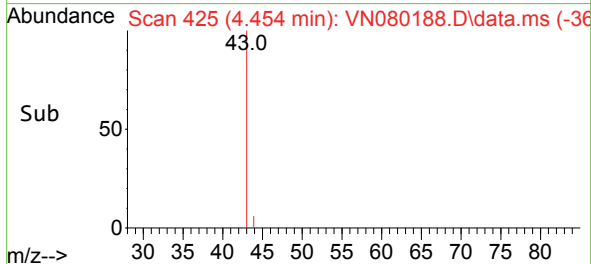
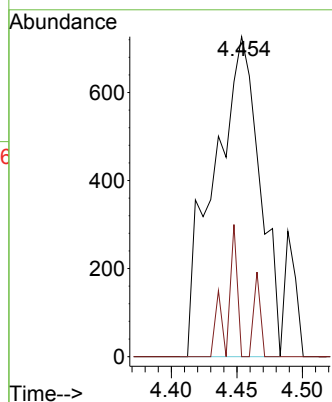
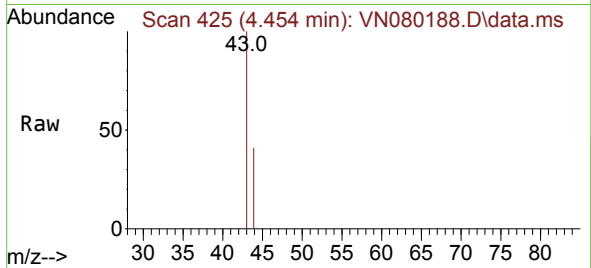




#16
Acetone
Concen: 2.095 ug/l
RT: 4.454 min Scan# 41
Delta R.T. 0.030 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07

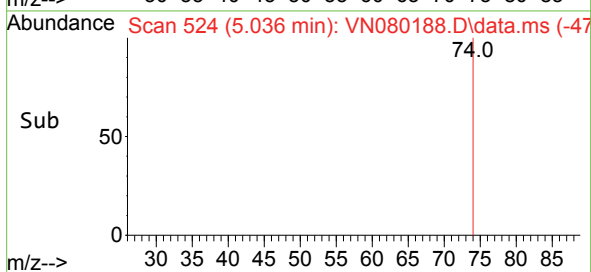
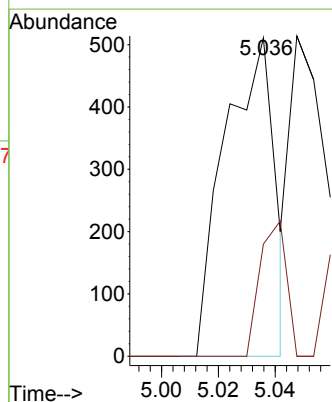
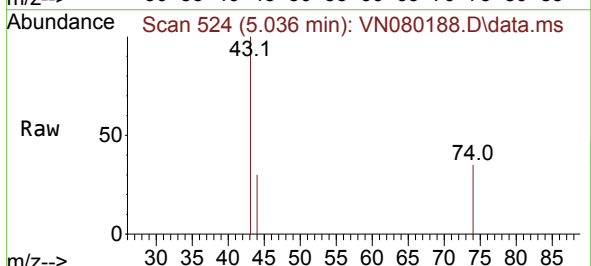
Instrument :
MSVOA_N
ClientSampleId :

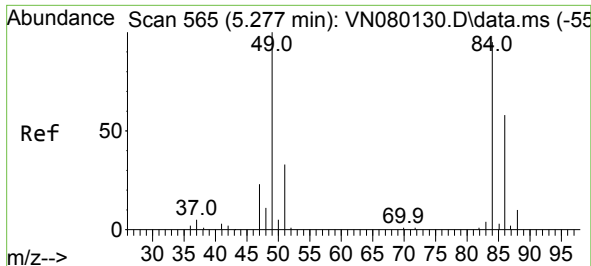
Tgt Ion: 43 Resp: 1766
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07

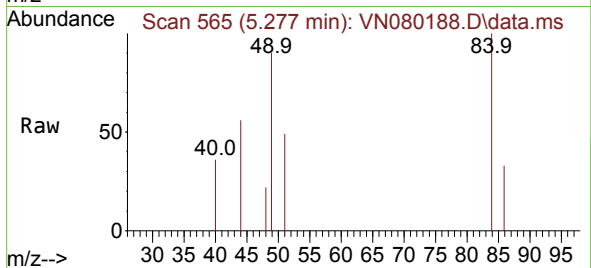
Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



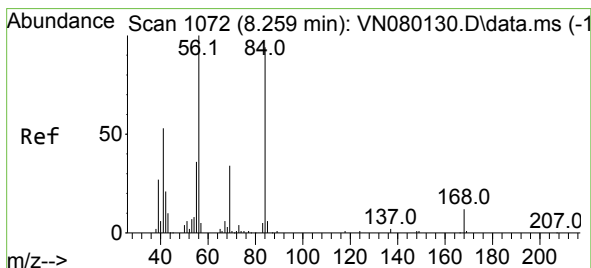
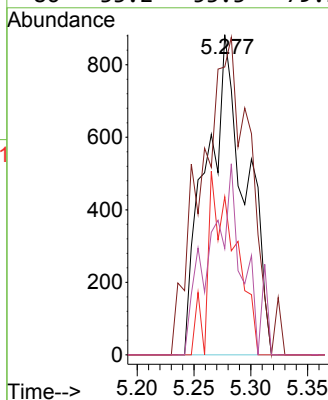
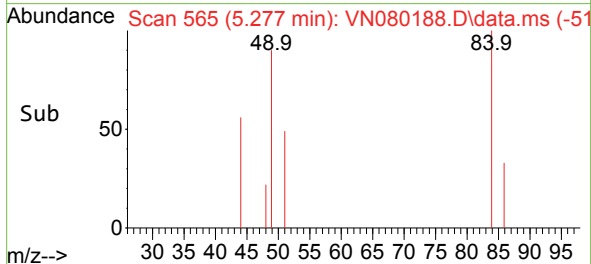


#20
Methylene Chloride
Concen: 1.210 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07

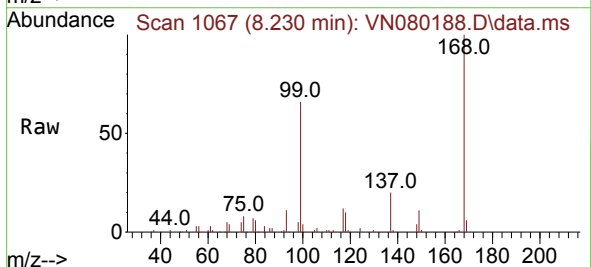
Instrument :
MSVOA_N
ClientSampleId :



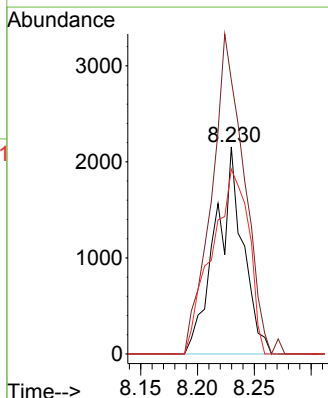
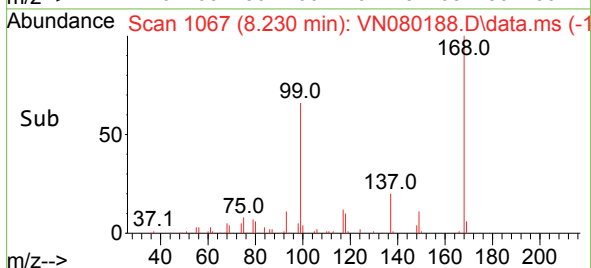
Tgt Ion:	84	Resp:	2136
Ion	Ratio	Lower	Upper
84	100		
49	72.0	79.7	119.5#
51	49.4	25.2	37.8#
86	33.2	53.3	79.9#

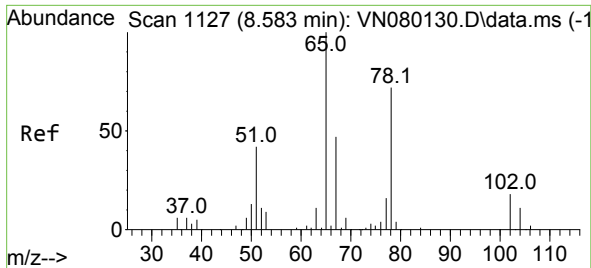


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07



Tgt Ion:	56	Resp:	3639
Ion	Ratio	Lower	Upper
56	100		
69	132.1	26.8	40.2#
84	89.2	81.8	122.6

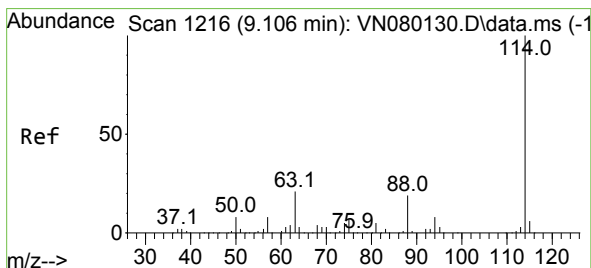
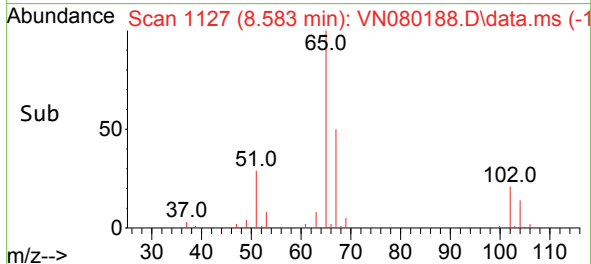
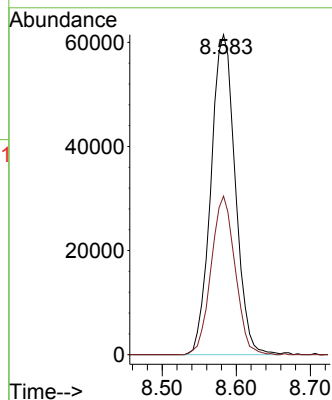
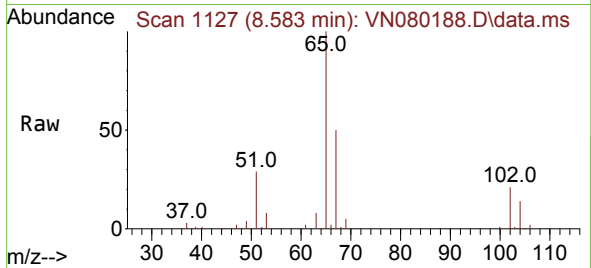




#33
 1,2-Dichloroethane-d4
 Concen: 55.854 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN080188.D
 Acq: 18 Nov 2023 16:07

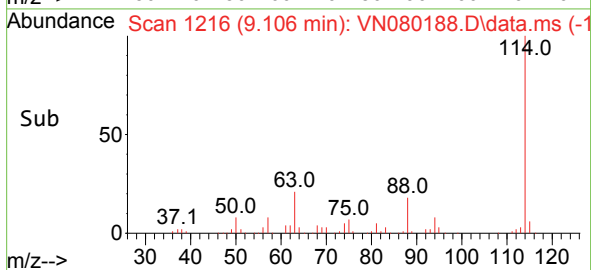
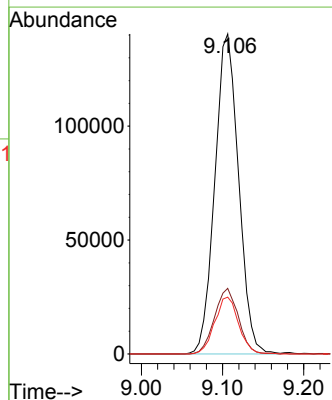
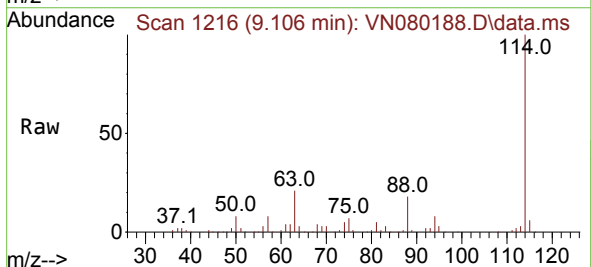
Instrument :
 MSVOA_N
 ClientSampleId :

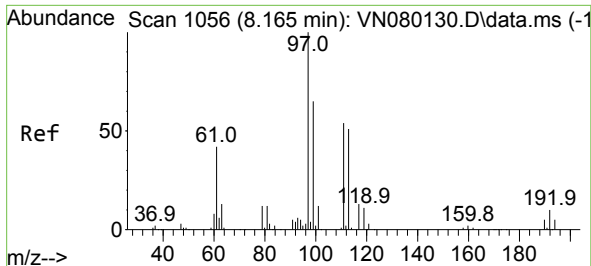
Tgt Ion: 65 Resp: 140161
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN080188.D
 Acq: 18 Nov 2023 16:07

Tgt Ion: 114 Resp: 285651
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 36.4
 88 17.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.653 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

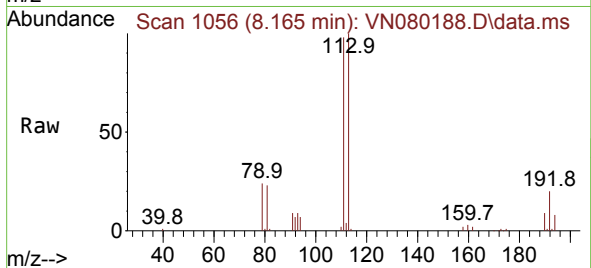
Lab File: VN080188.D

Acq: 18 Nov 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :



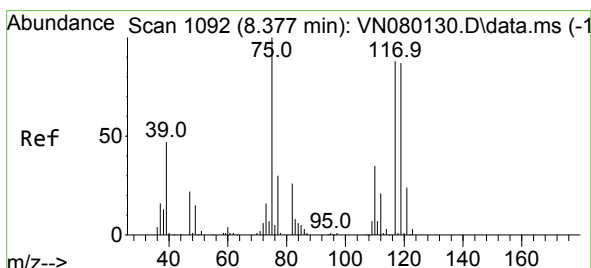
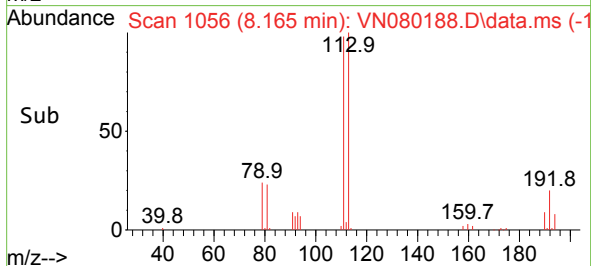
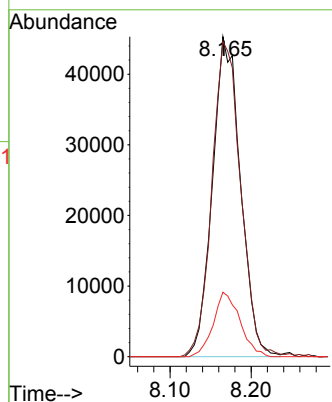
Tgt Ion:113 Resp: 108871

Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 19.2 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 4.245 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN080188.D

Acq: 18 Nov 2023 16:07

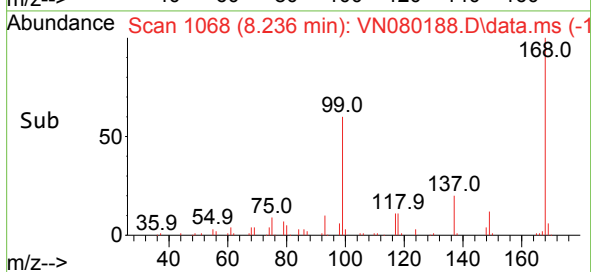
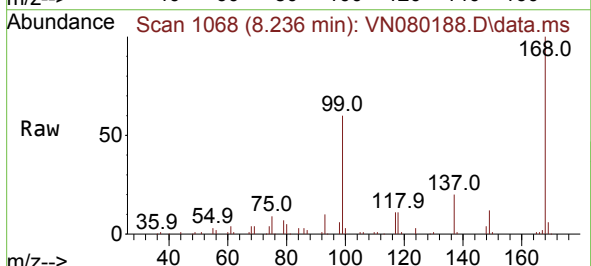
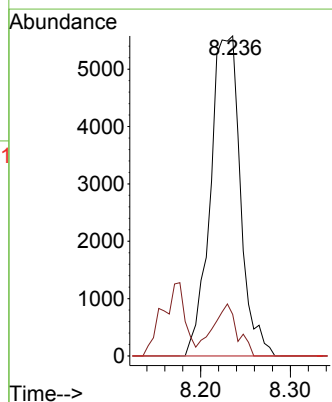
Tgt Ion: 75 Resp: 12955

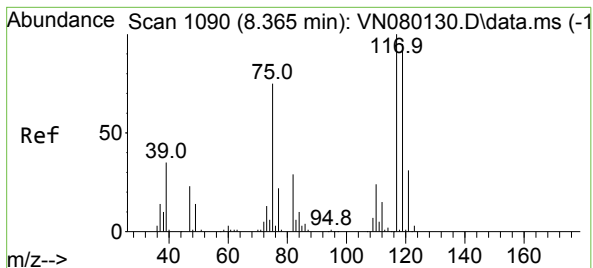
Ion Ratio Lower Upper

75 100

110 13.5 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.657 ug/l

RT: 8.230 min Scan# 110

Delta R.T. -0.135 min

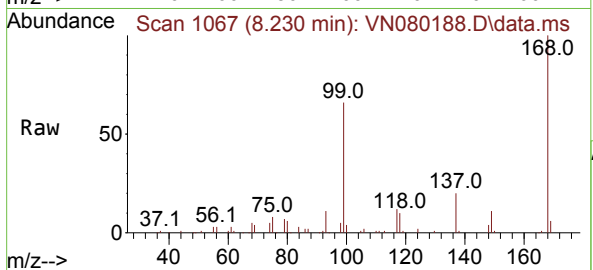
Lab File: VN080188.D

Acq: 18 Nov 2023 16:07

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MSVOA_N

ClientSampleId :



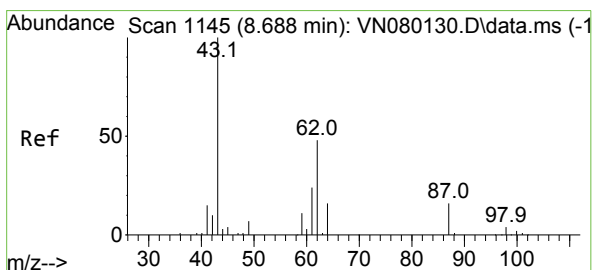
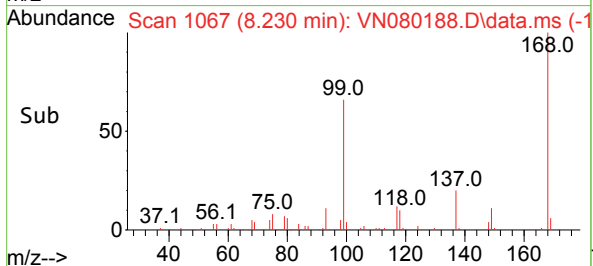
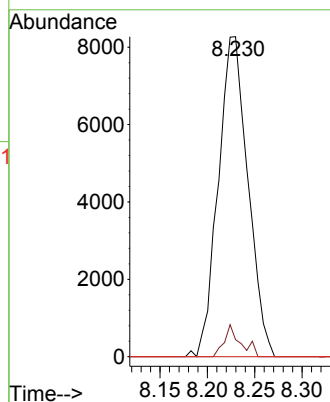
Tgt Ion:117 Resp: 18033

Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 0.570 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN080188.D

Acq: 18 Nov 2023 16:07

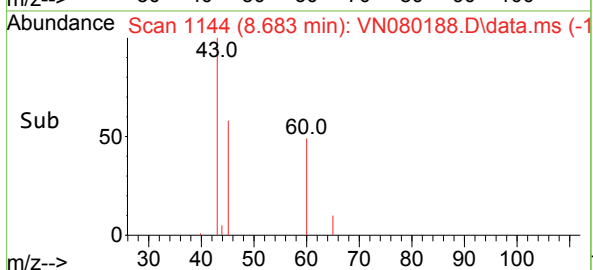
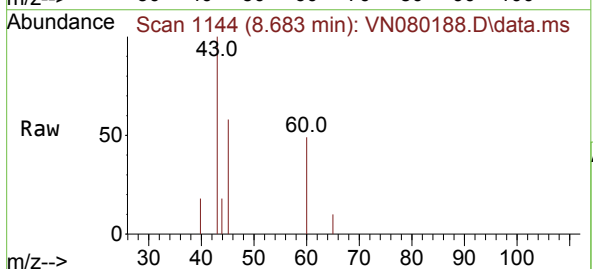
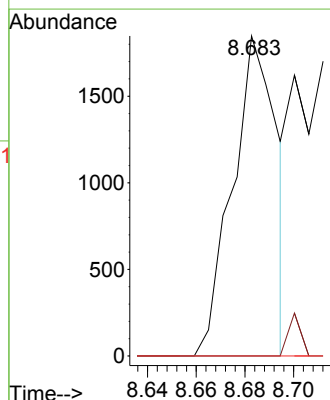
Tgt Ion: 43 Resp: 2347

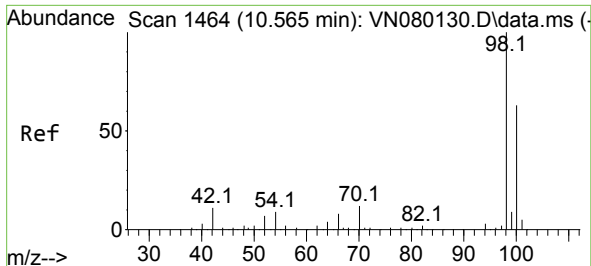
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#





#50

Toluene-d8

Concen: 48.815 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080188.D

Acq: 18 Nov 2023 16:07

Instrument :

MSVOA_N

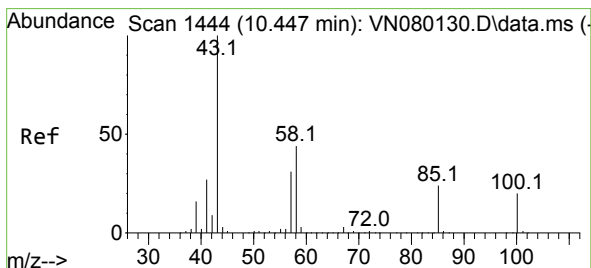
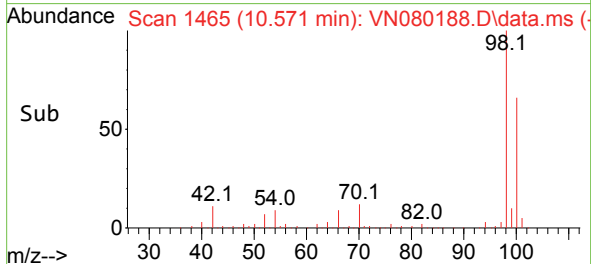
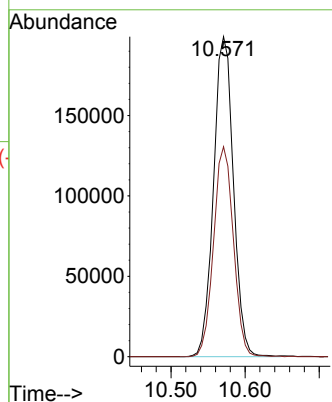
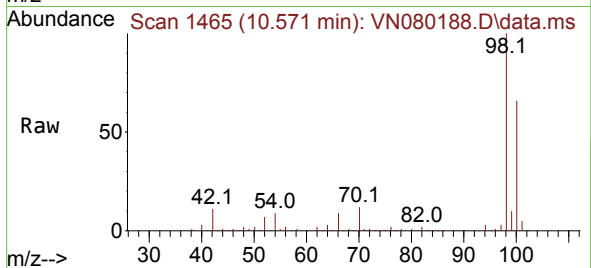
ClientSampleId :

Tgt Ion: 98 Resp: 370891

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.609 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN080188.D

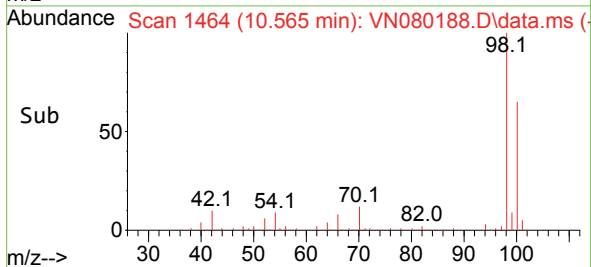
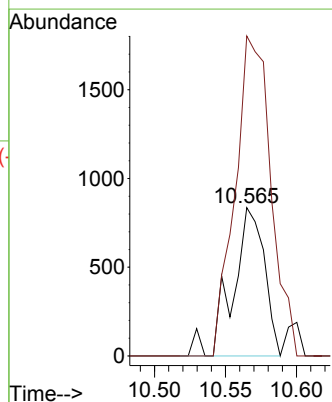
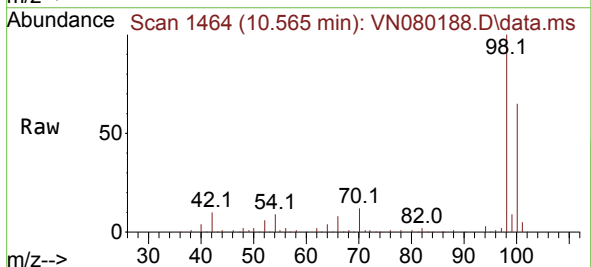
Acq: 18 Nov 2023 16:07

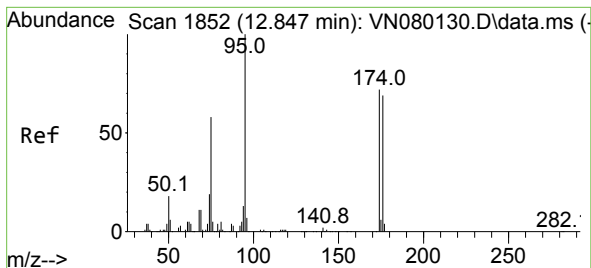
Tgt Ion: 43 Resp: 1298

Ion Ratio Lower Upper

43 100

58 244.2 36.6 54.8#

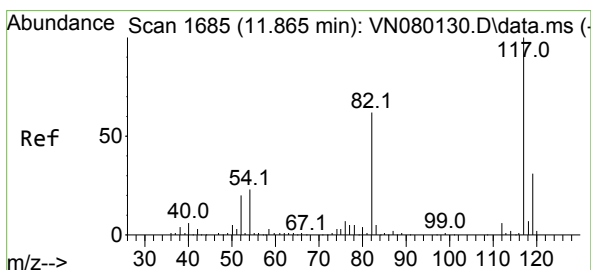
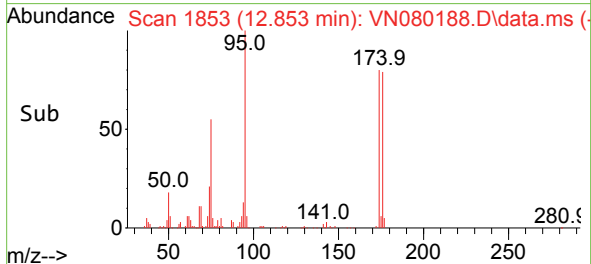
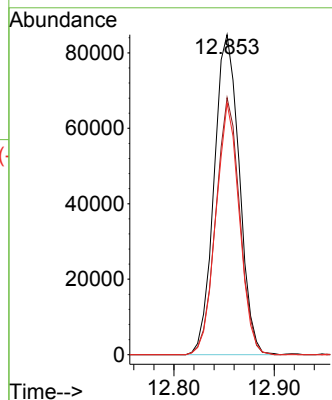
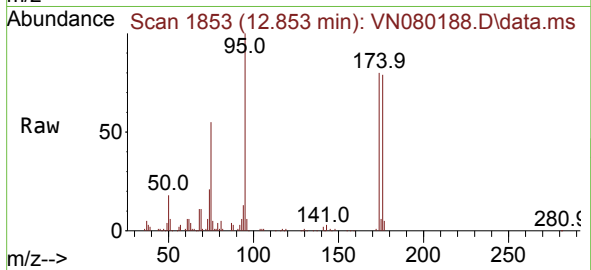




#62
4-Bromofluorobenzene
Concen: 51.483 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07

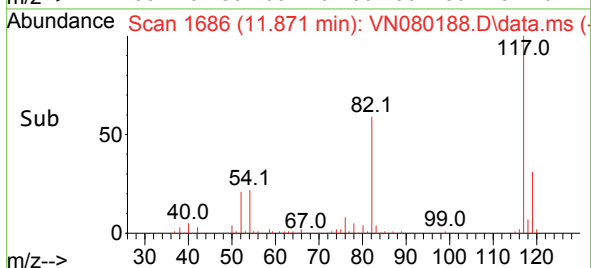
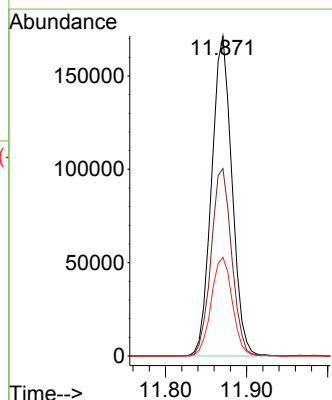
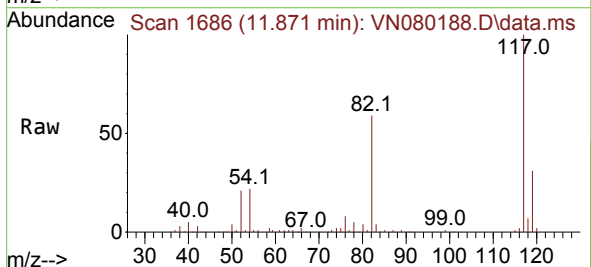
Instrument :
MSVOA_N
ClientSampleId :

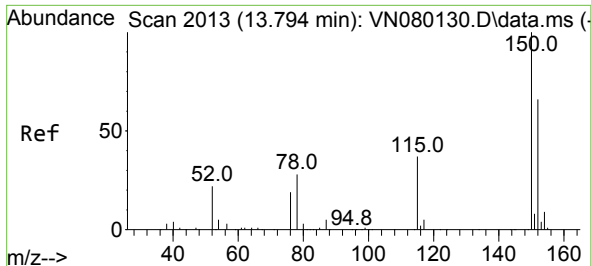
Tgt Ion: 95 Resp: 147749
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 73.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080188.D
Acq: 18 Nov 2023 16:07

Tgt Ion: 117 Resp: 298915
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 30.8 25.6 38.4

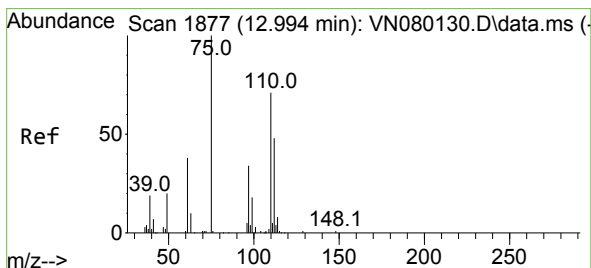
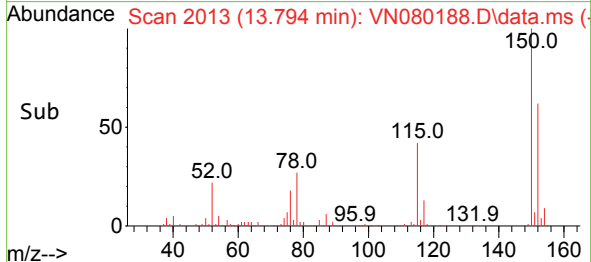
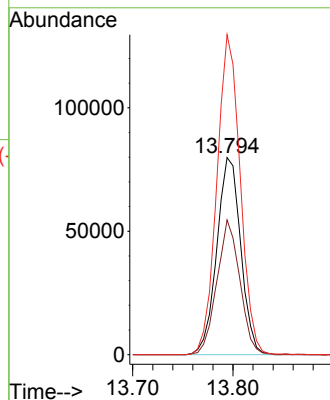
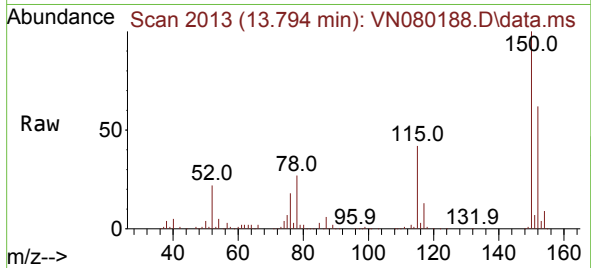




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080188.D
 Acq: 18 Nov 2023 16:07

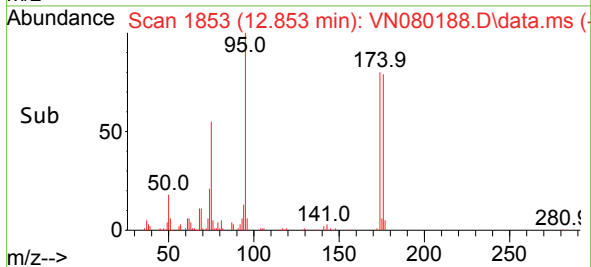
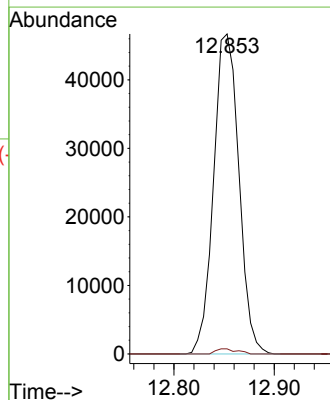
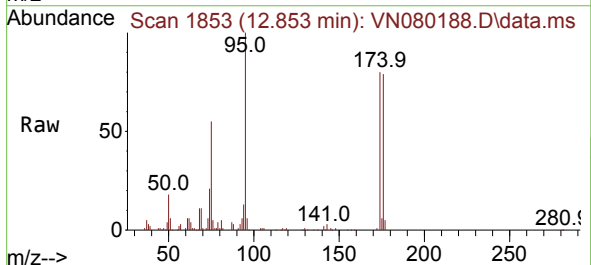
Instrument :
 MSVOA_N
 ClientSampleId :

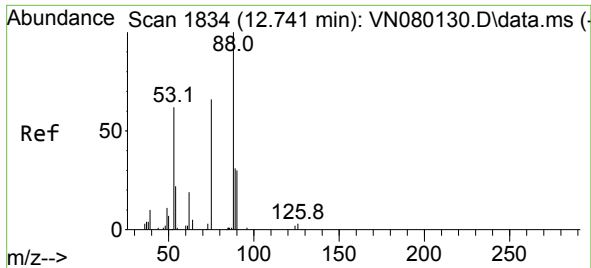
Tgt Ion:152 Resp: 132349
 Ion Ratio Lower Upper
 152 100
 115 65.6 32.3 96.8
 150 158.4 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.256 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN080188.D
 Acq: 18 Nov 2023 16:07

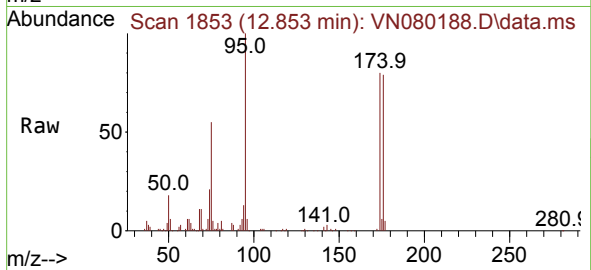
Tgt Ion: 75 Resp: 81899
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.329 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080188.D
 Acq: 18 Nov 2023 16:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 81899
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

