

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080319.D
 Acq On : 01 Dec 2023 12:59
 Operator : JC\MD
 Sample : 05592-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 01 22:34:04 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)

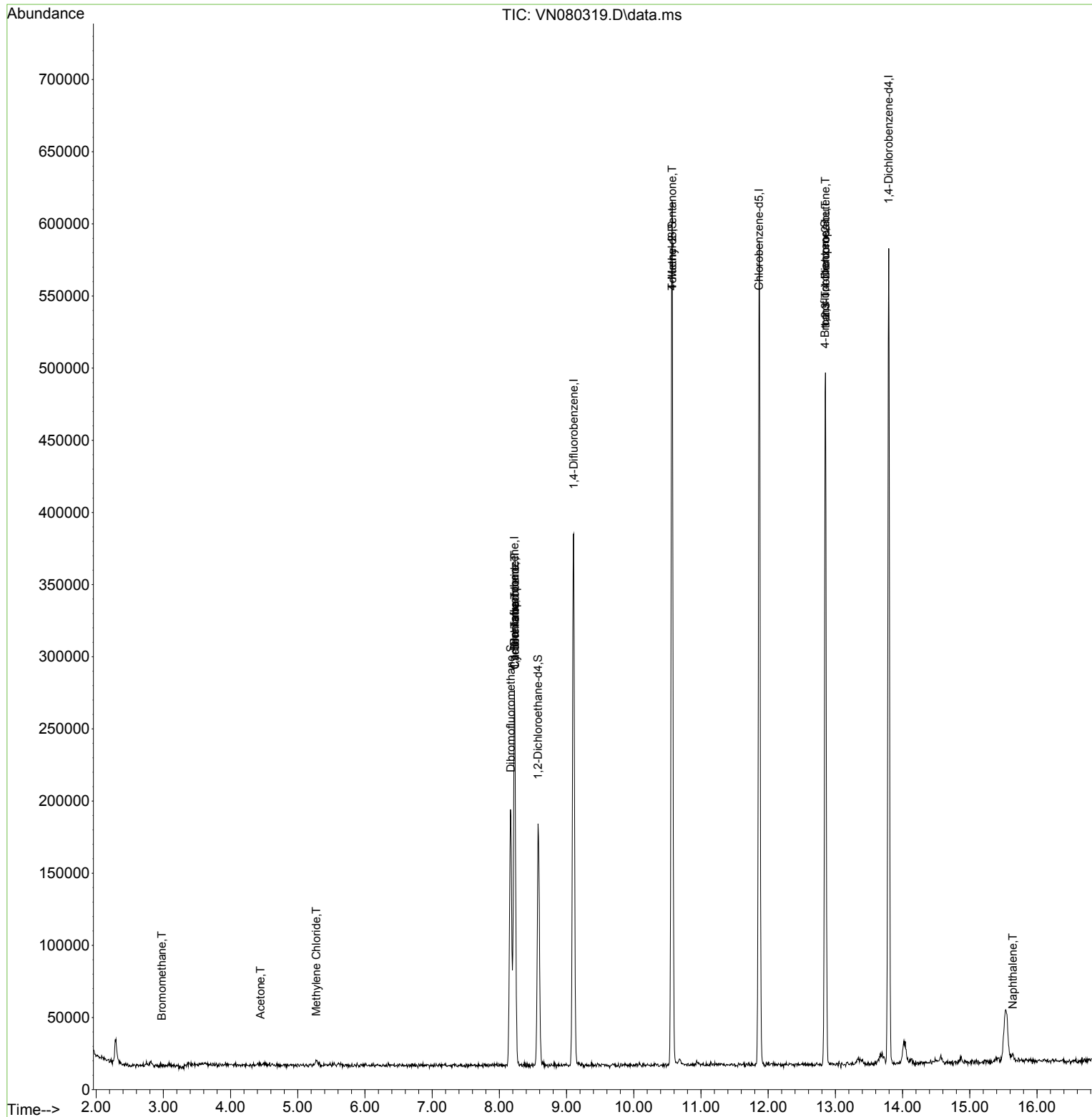
Internal Standards						
1) Pentafluorobenzene	8.224	168	180605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	317186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153687	51.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.080%	
35) Dibromofluoromethane	8.171	113	122281	52.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	10.571	98	418951	49.658	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.320%	
62) 4-Bromofluorobenzene	12.847	95	165016	51.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	403	0.277	ug/l #	4
6) Chloroethane	3.112	64	280	Below Cal	#	43
16) Acetone	4.447	43	1240	1.238	ug/l #	40
20) Methylene Chloride	5.277	84	1475	0.703	ug/l #	74
31) Cyclohexane	8.230	56	4054	1.250	ug/l #	53
36) 1,1-Dichloropropene	8.230	75	14724	4.345	ug/l #	49
38) Carbon Tetrachloride	8.230	117	19755	4.594	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	1688	0.713	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	93499	25.302	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	93499	85.486	ug/l #	15
95) Naphthalene	15.641	128	2714	0.316	ug/l #	92

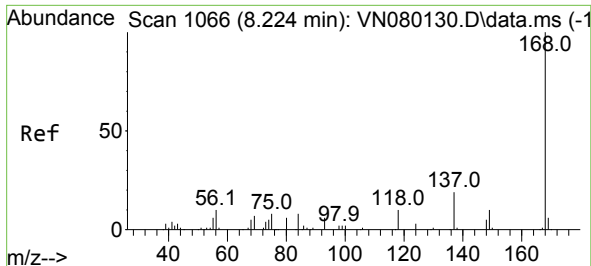
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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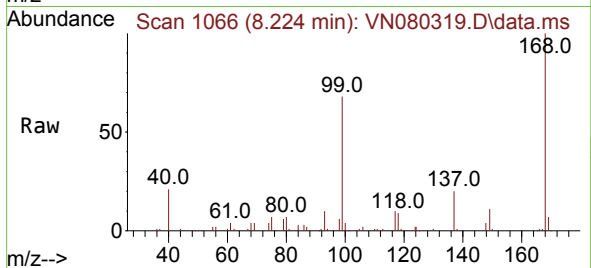
Quant Time: Dec 01 22:34:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
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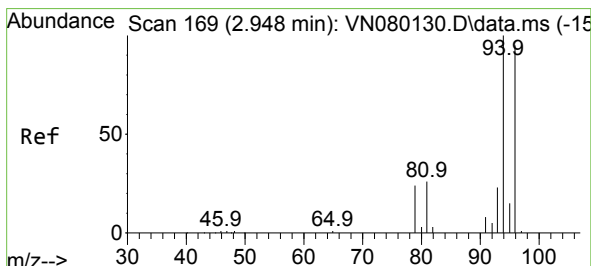
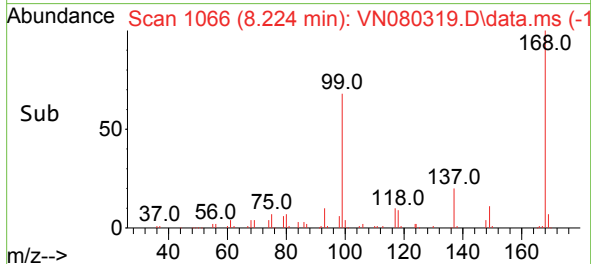
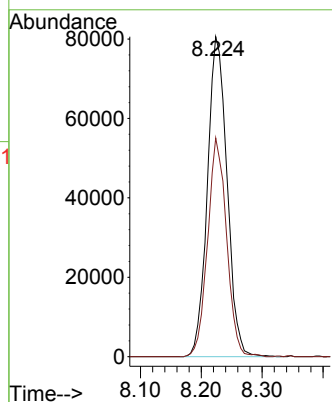


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :

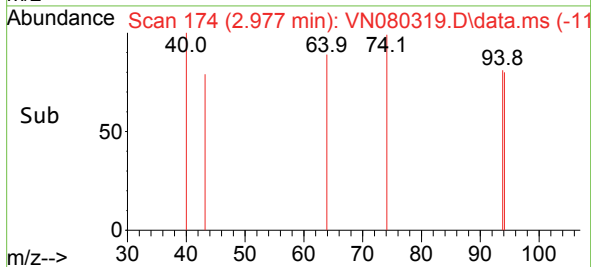
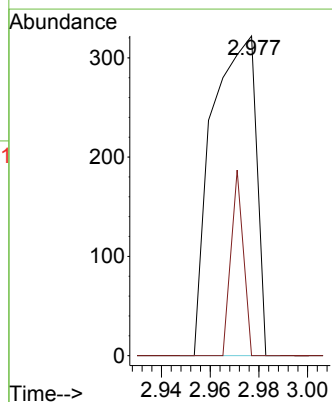
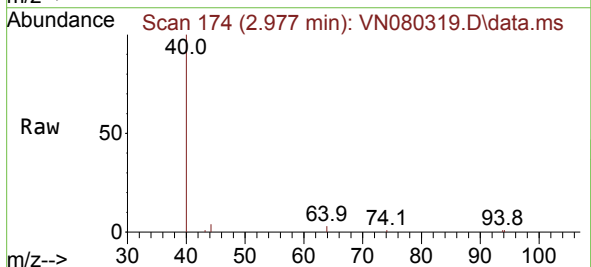


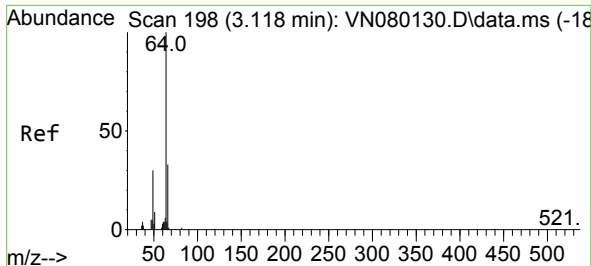
Tgt Ion:168 Resp: 180605
Ion Ratio Lower Upper
168 100
99 68.3 53.0 79.6



#5
Bromomethane
Concen: 0.277 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

Tgt Ion: 94 Resp: 403
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#

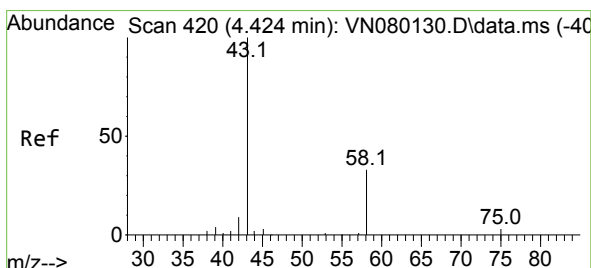
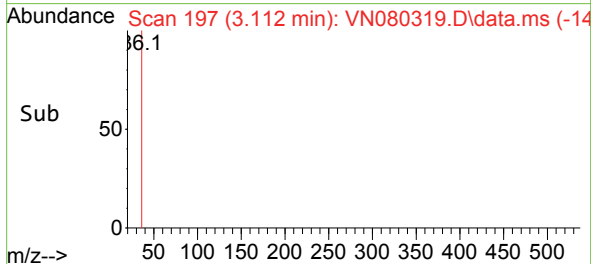
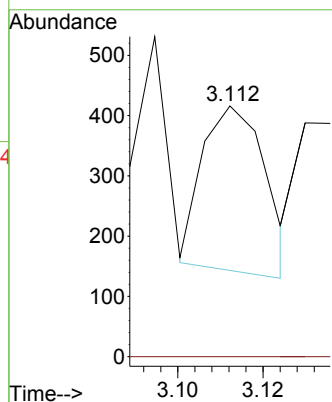
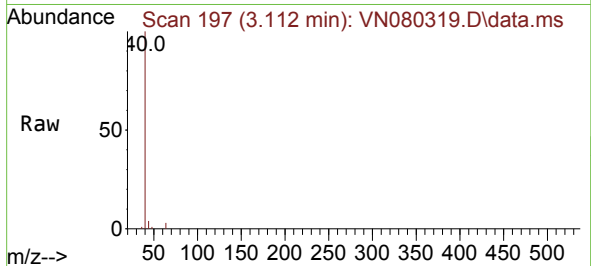




#6
Chloroethane
Concen: Below Cal
RT: 3.112 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

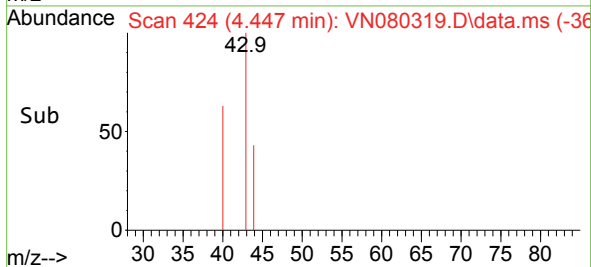
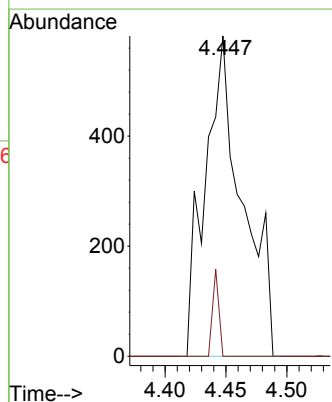
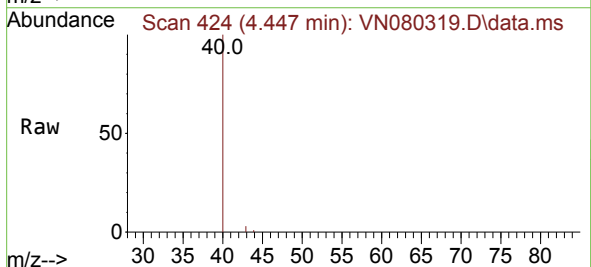
Instrument :
MSVOA_N
ClientSampleId :

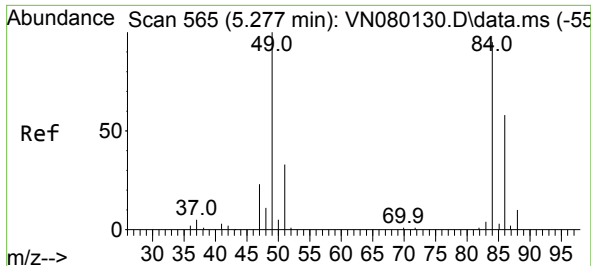
Tgt Ion: 64 Resp: 280
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 1.238 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

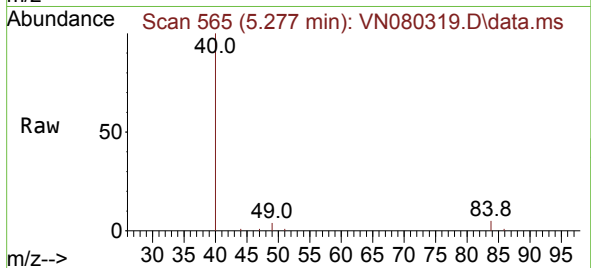
Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



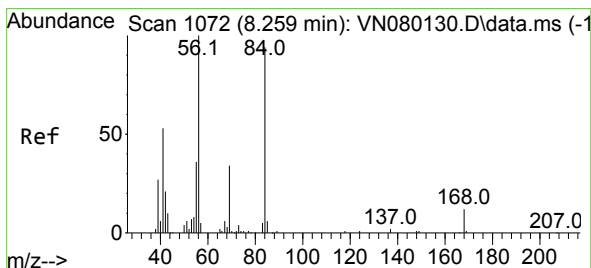
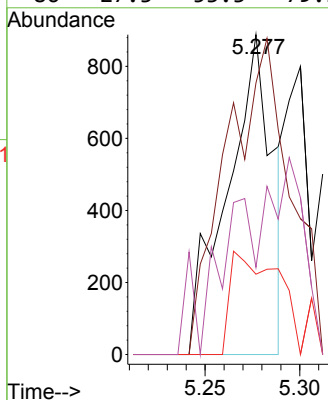
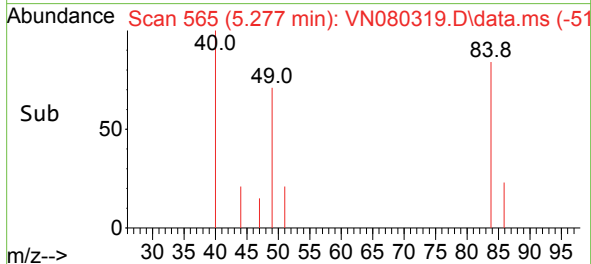


#20
Methylene Chloride
Concen: 0.703 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

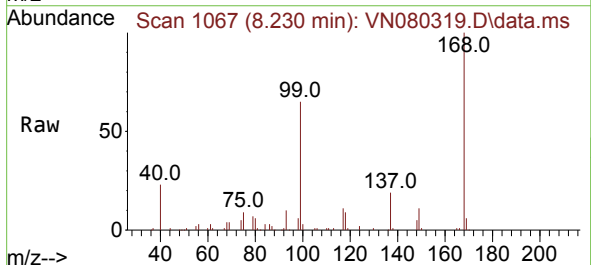
Instrument :
MSVOA_N
ClientSampleId :



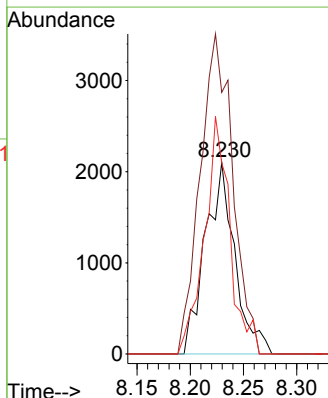
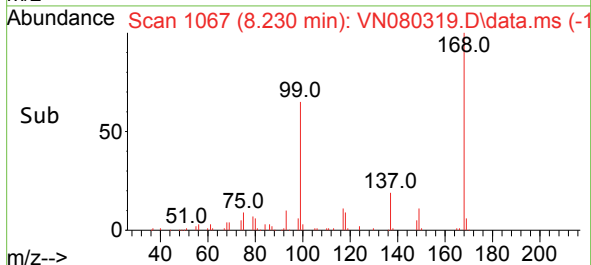
Tgt Ion:	84	Resp:	1475
Ion	Ratio	Lower	Upper
84	100		
49	84.9	79.7	119.5
51	25.1	25.2	37.8#
86	27.3	53.3	79.9#

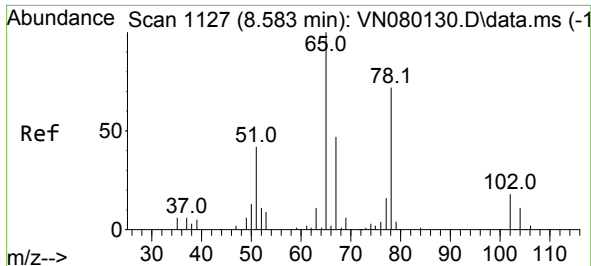


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59



Tgt Ion:	56	Resp:	4054
Ion	Ratio	Lower	Upper
56	100		
69	136.5	26.8	40.2#
84	99.6	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 51.537 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080319.D

Acq: 01 Dec 2023 12:59

Instrument :

MSVOA_N

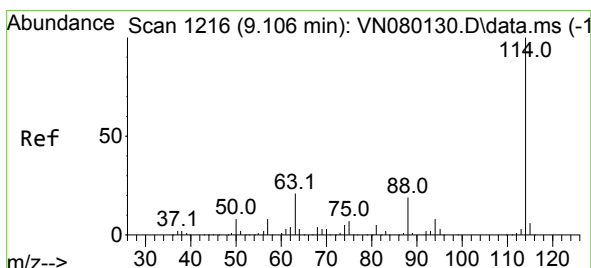
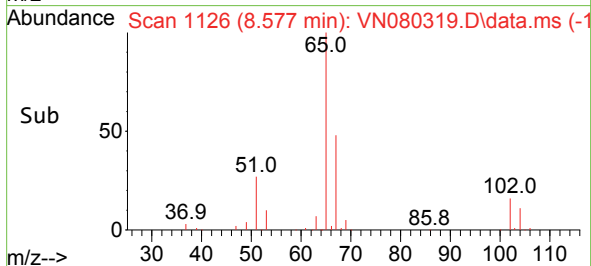
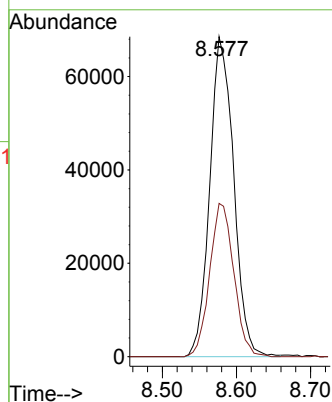
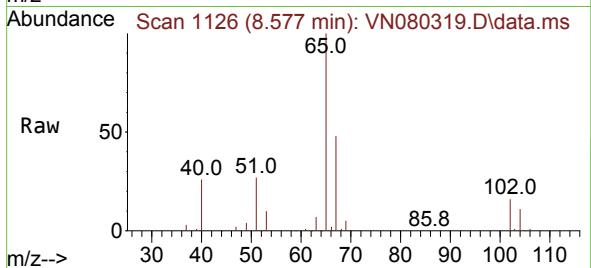
ClientSampleId :

Tgt Ion: 65 Resp: 153687

Ion Ratio Lower Upper

65 100

67 48.4 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: VN080319.D

Acq: 01 Dec 2023 12:59

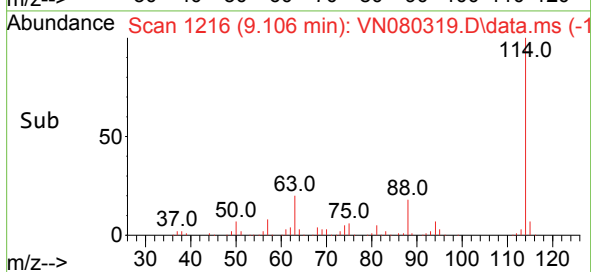
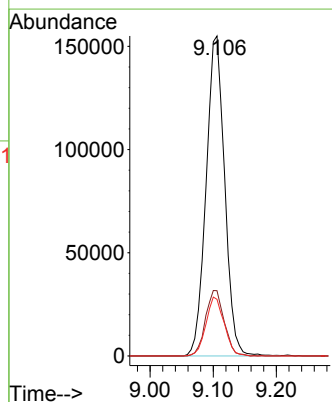
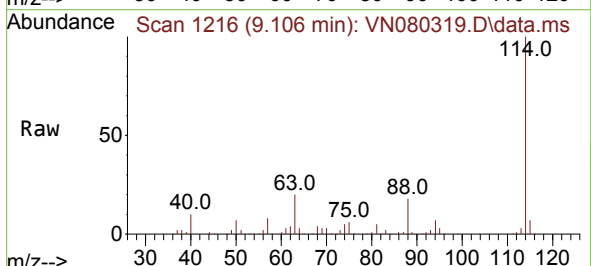
Tgt Ion: 114 Resp: 317186

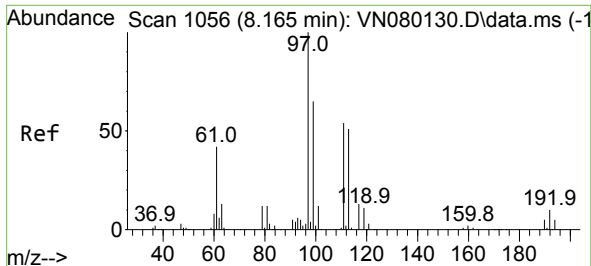
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.248 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

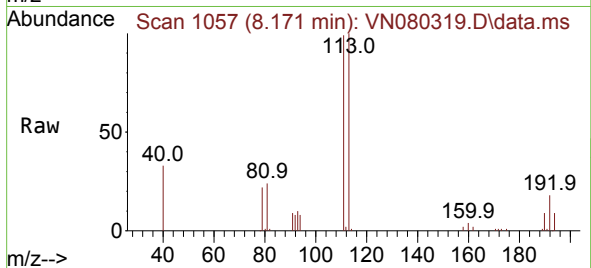
Lab File: VN080319.D

Acq: 01 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :



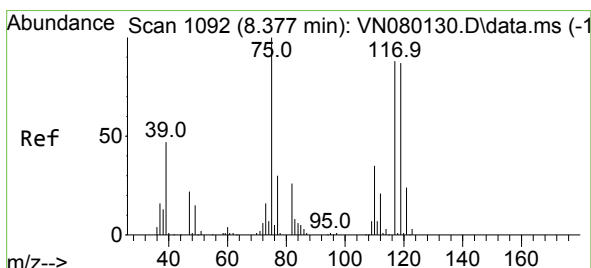
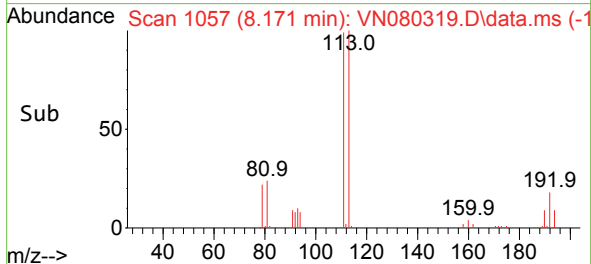
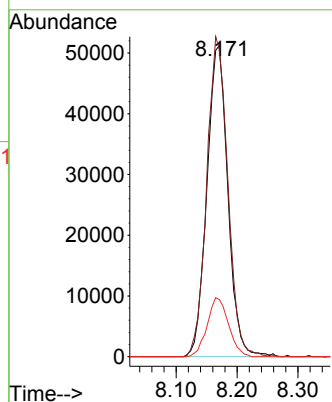
Tgt Ion:113 Resp: 122281

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 19.3 12.7 19.1#



#36

1,1-Dichloropropene

Concen: 4.345 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN080319.D

Acq: 01 Dec 2023 12:59

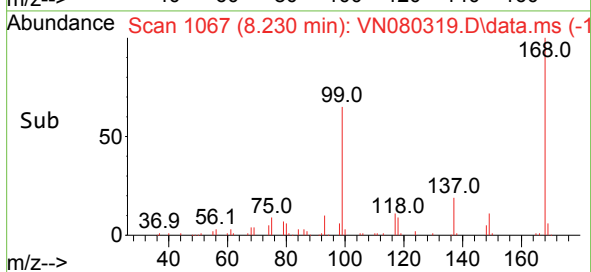
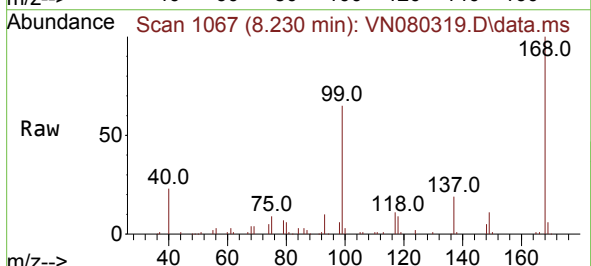
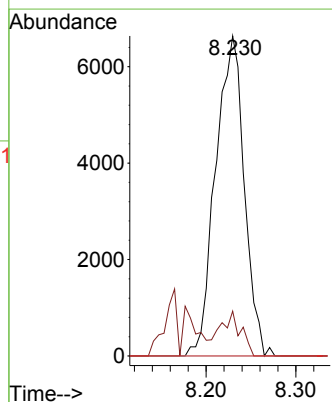
Tgt Ion: 75 Resp: 14724

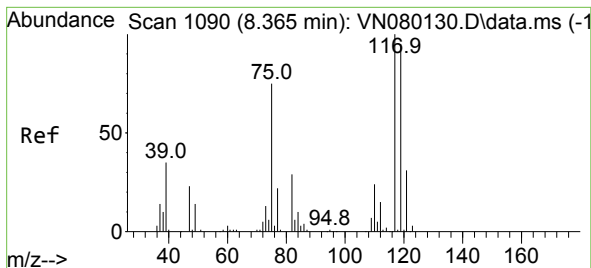
Ion Ratio Lower Upper

75 100

110 10.4 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.594 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

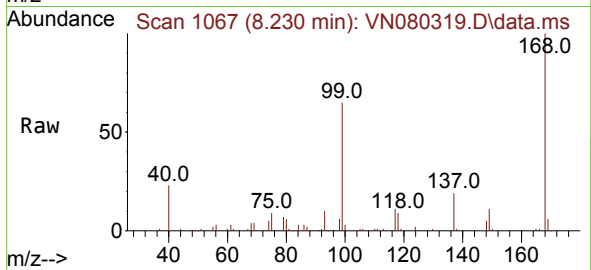
Lab File: VN080319.D

Acq: 01 Dec 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :



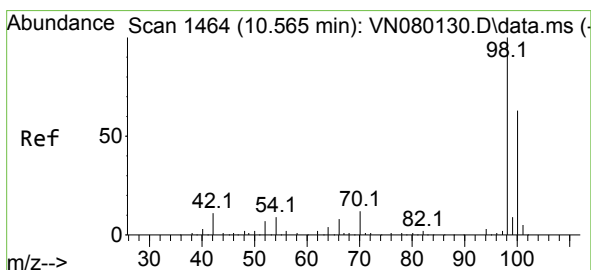
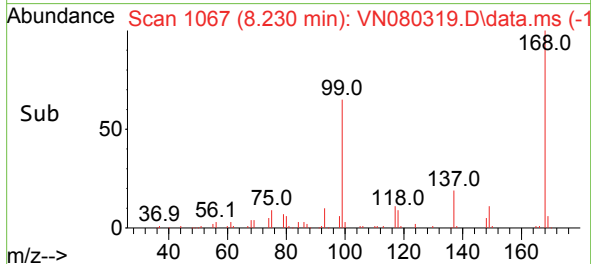
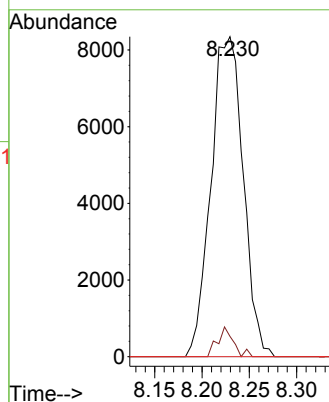
Tgt Ion:117 Resp: 19755

Ion Ratio Lower Upper

117 100

119 6.4 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 49.658 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080319.D

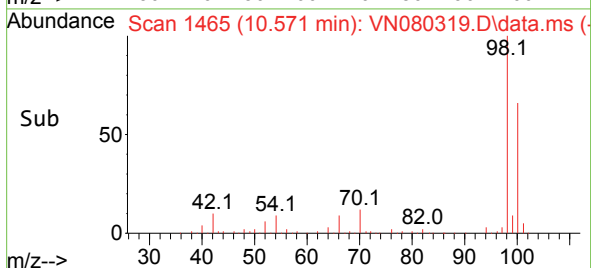
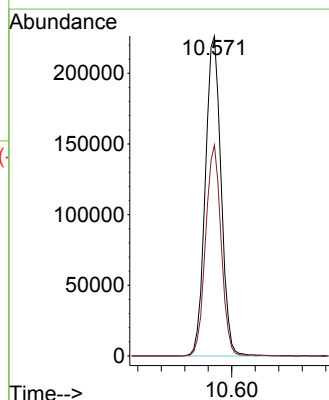
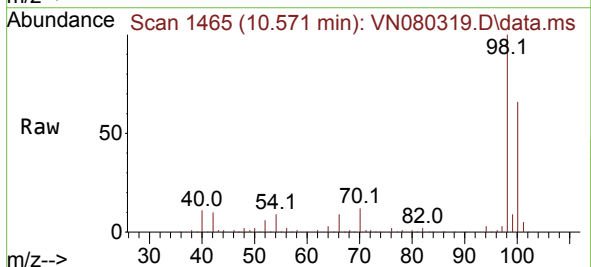
Acq: 01 Dec 2023 12:59

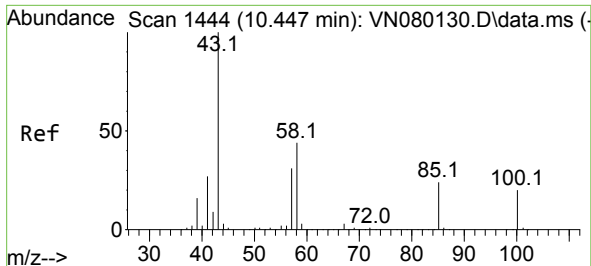
Tgt Ion: 98 Resp: 418951

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

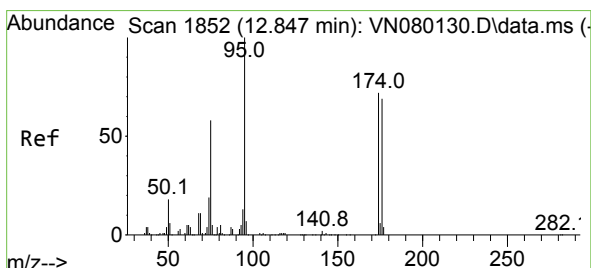
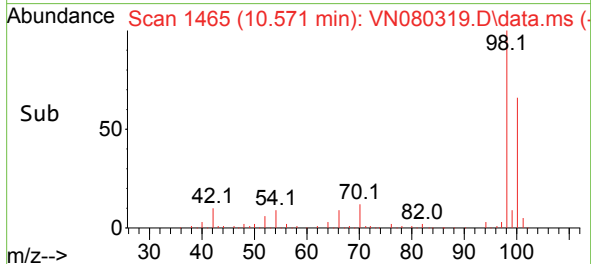
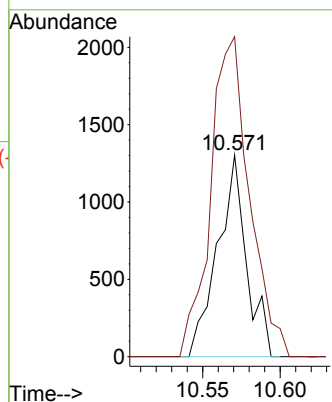
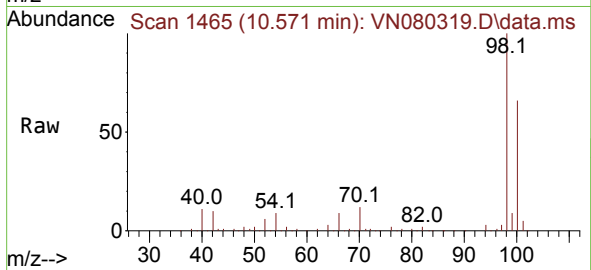




#51
4-Methyl-2-Pentanone
Concen: 0.713 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

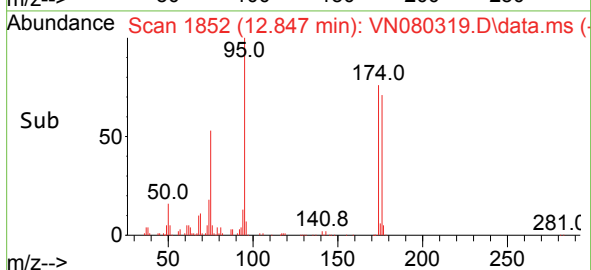
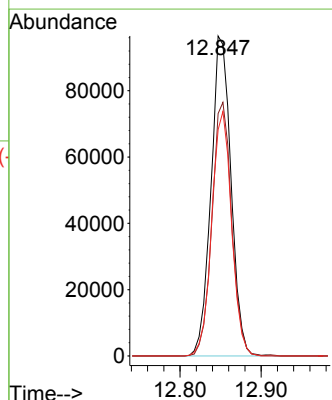
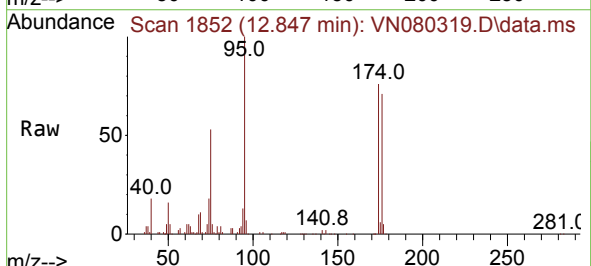
Instrument :
MSVOA_N
ClientSampleId :

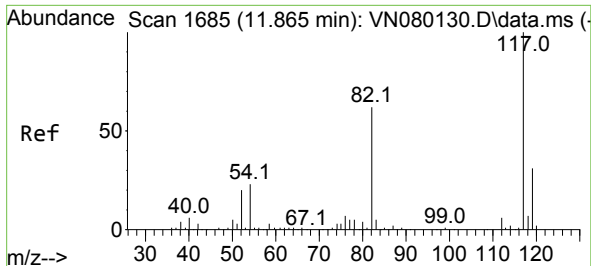
Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 213.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 51.783 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

Tgt Ion: 95 Resp: 165016
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 75.6 0.0 135.8

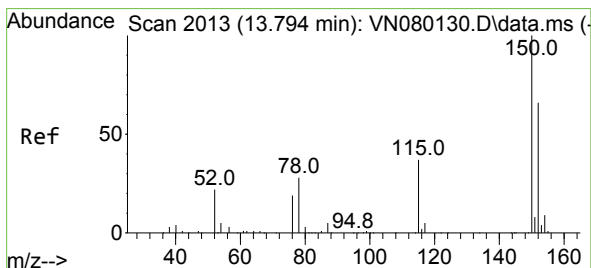
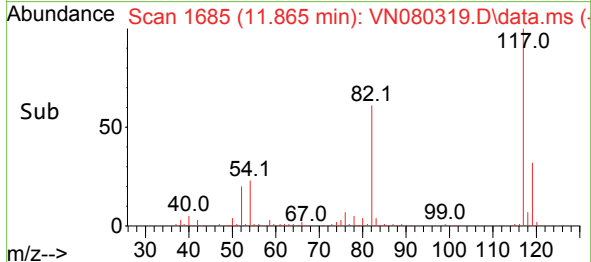
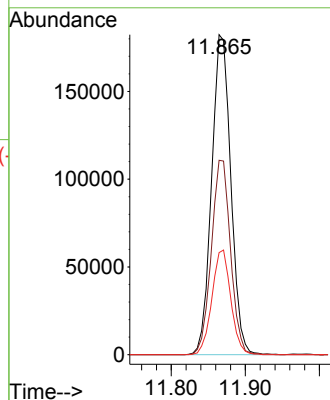
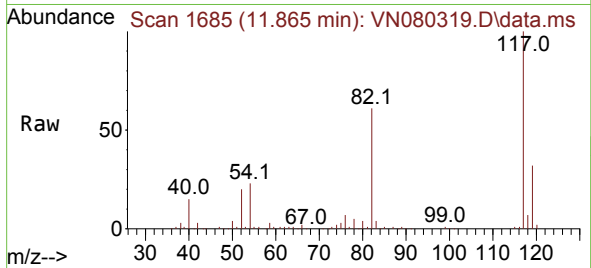




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

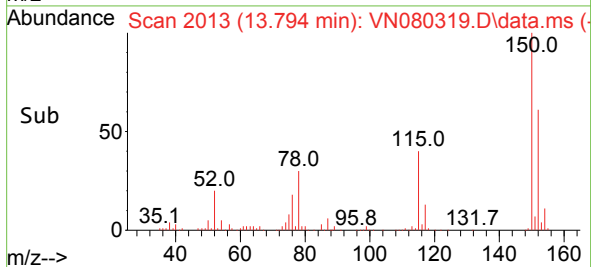
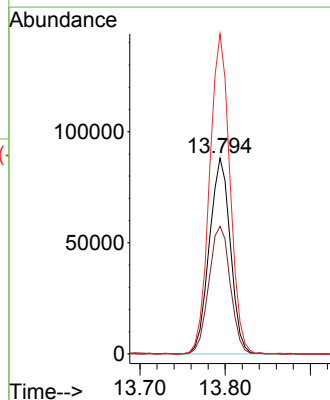
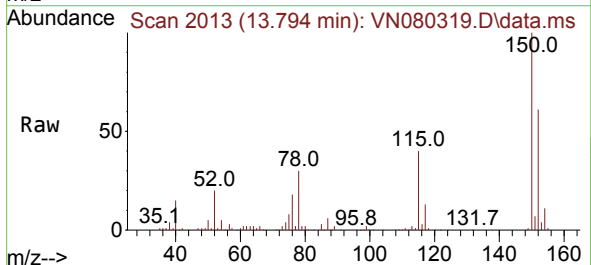
Instrument :
MSVOA_N
ClientSampleId :

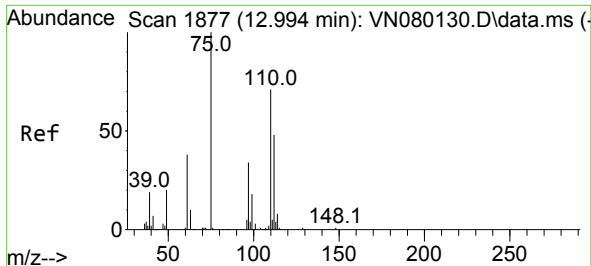
Tgt Ion:117 Resp: 328173
Ion Ratio Lower Upper
117 100
82 60.7 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

Tgt Ion:152 Resp: 150817
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 158.3 0.0 355.8

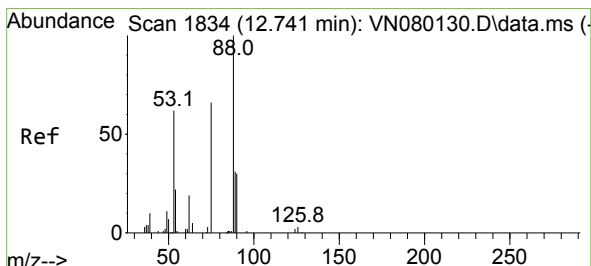
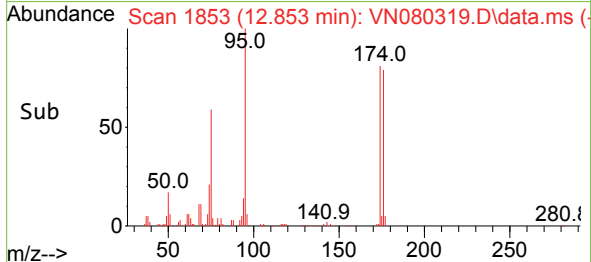
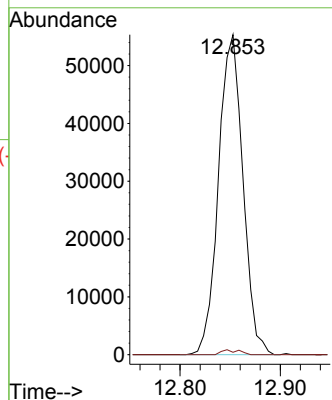
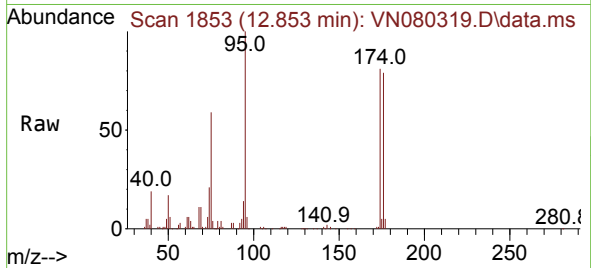




#76
1,2,3-Trichloropropane
Concen: 25.302 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

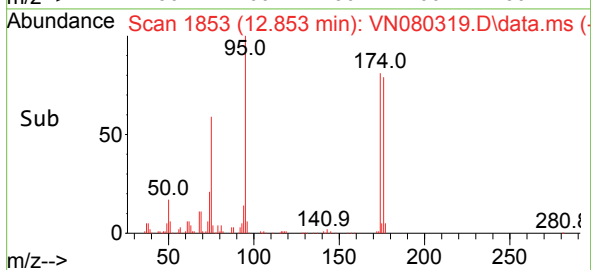
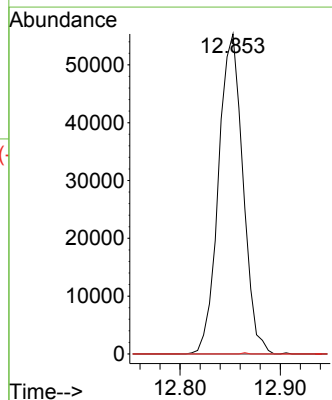
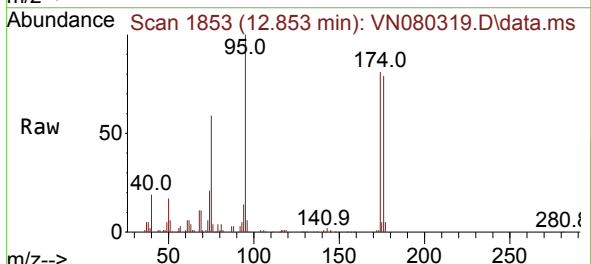
Instrument :
MSVOA_N
ClientSampleId :

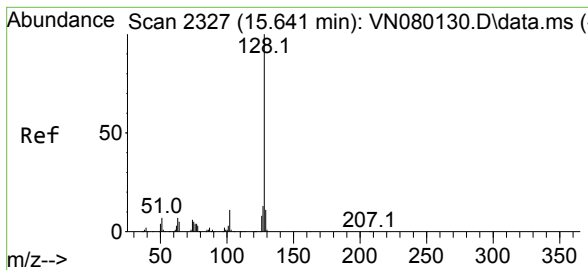
Tgt Ion: 75 Resp: 93499
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.486 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

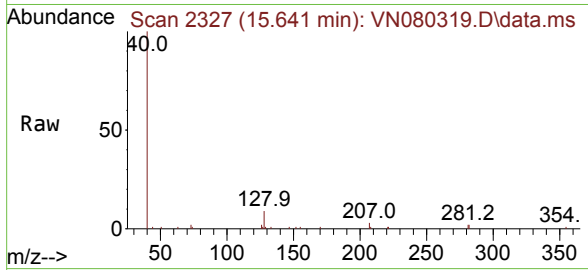
Tgt Ion: 75 Resp: 93499
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.1 38.8 58.2#





#95
Naphthalene
Concen: 0.316 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080319.D
Acq: 01 Dec 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.0	15.0
129	5.8	8.7	13.1

