

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080295.D
 Acq On : 28 Nov 2023 14:27
 Operator : JC\MD
 Sample : 05551-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 29 00:36:40 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

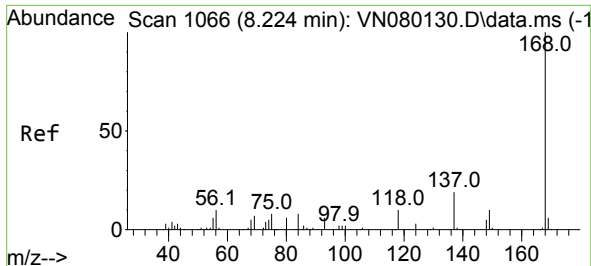
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	187837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	373285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169099	54.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.040%	
35) Dibromofluoromethane	8.171	113	137961	53.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.400%	
50) Toluene-d8	10.571	98	464351	50.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.853	95	178841	51.130	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	467	0.309	ug/l	95
6) Chloroethane	3.089	64	392	Below Cal	#	43
16) Acetone	4.436	43	612	0.587	ug/l #	40
17) Carbon Disulfide	4.712	76	1275	0.215	ug/l #	75
19) Methyl tert-butyl Ether	5.789	73	1530	0.218	ug/l #	57
31) Cyclohexane	8.230	56	4325	1.282	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	16010	4.305	ug/l #	50
38) Carbon Tetrachloride	8.224	117	20378	4.318	ug/l #	15
51) 4-Methyl-2-Pentanone	10.559	43	1821	0.701	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	99785	25.157	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	99785	84.994	ug/l #	15
95) Naphthalene	15.641	128	3279	0.356	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.853	180	817	0.274	ug/l #	86

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

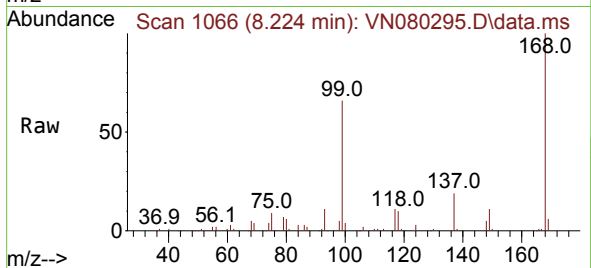
Quant Time: Nov 29 00:36:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration



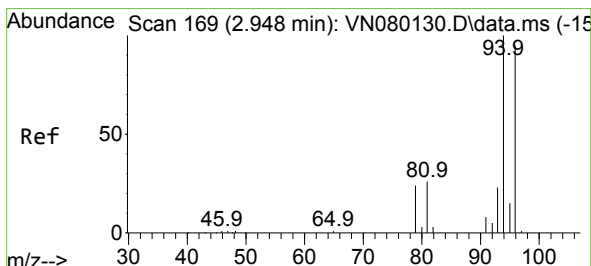
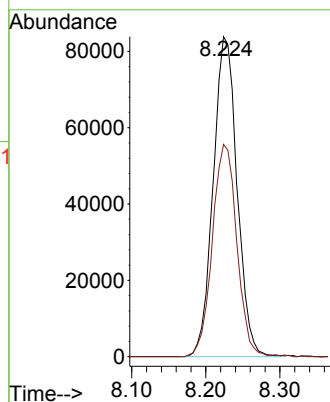
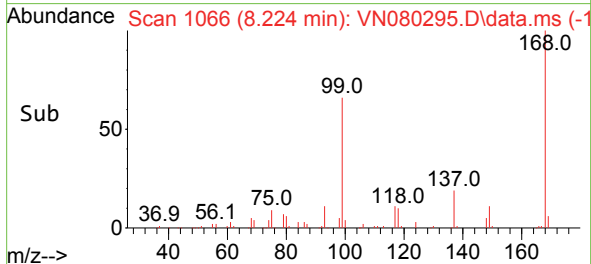


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :

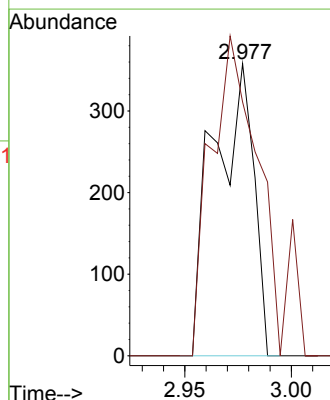
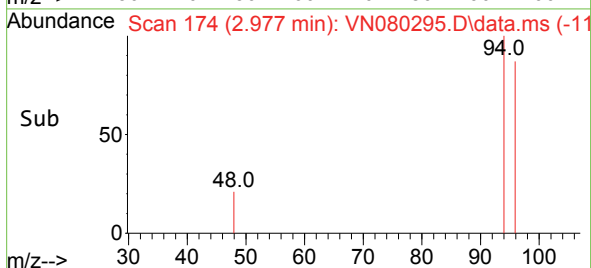
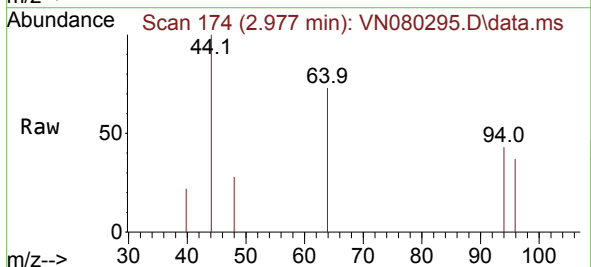


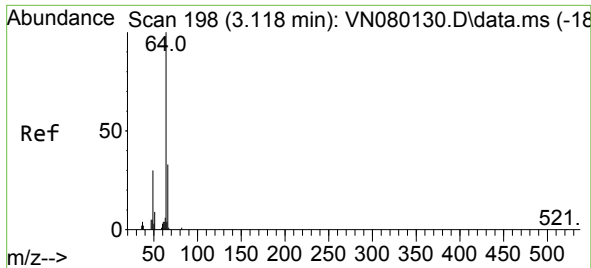
Tgt Ion:168 Resp: 187837
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#5
Bromomethane
Concen: 0.309 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 86.9 73.1 109.7

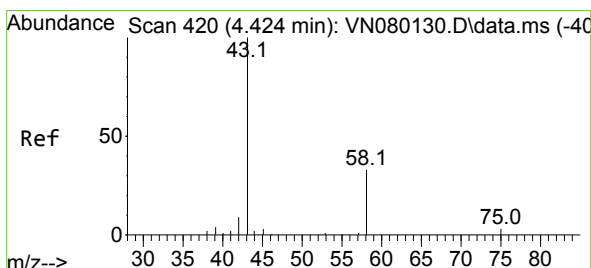
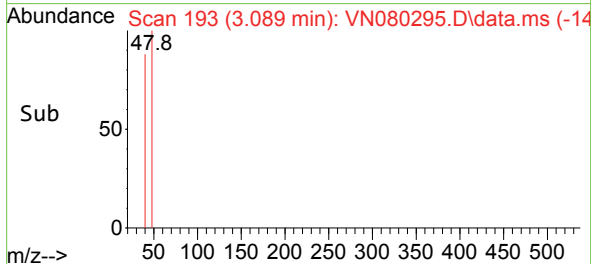
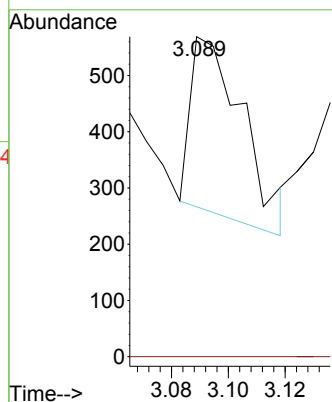
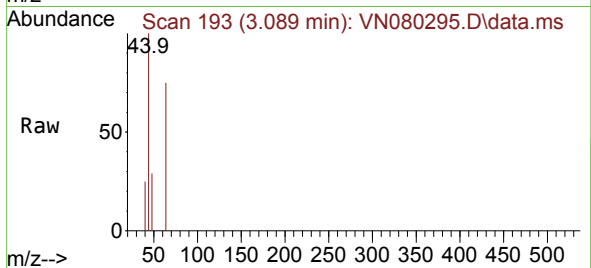




#6
Chloroethane
Concen: Below Cal
RT: 3.089 min Scan# 198
Delta R.T. -0.029 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

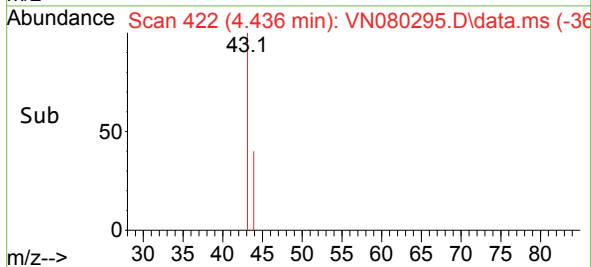
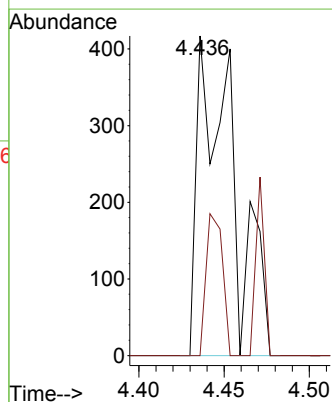
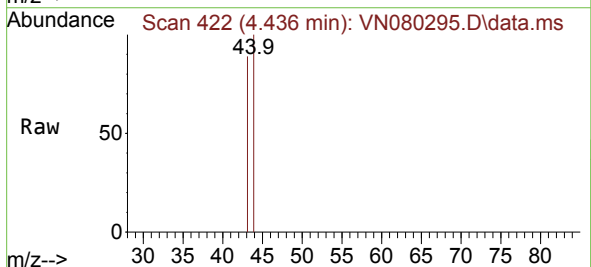
Instrument :
MSVOA_N
ClientSampleId :

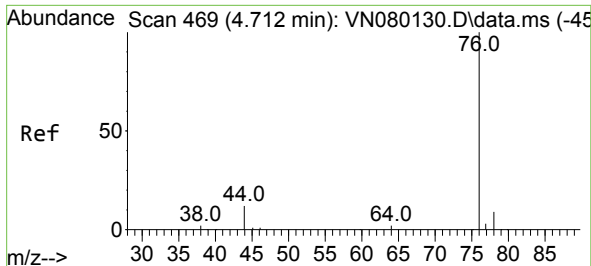
Tgt Ion: 64 Resp: 392
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#16
Acetone
Concen: 0.587 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

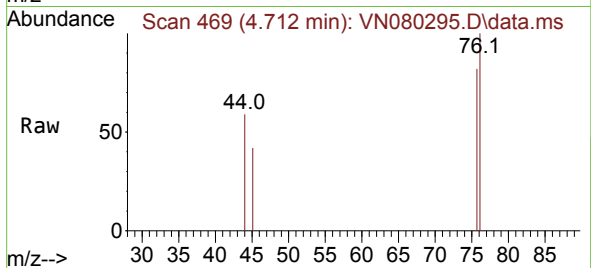
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



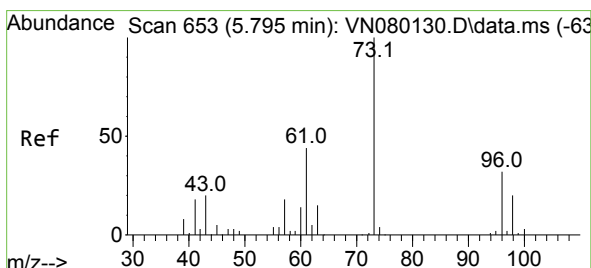
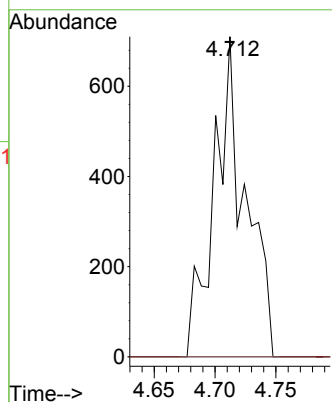
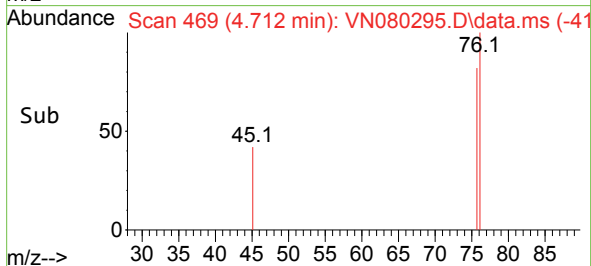


#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

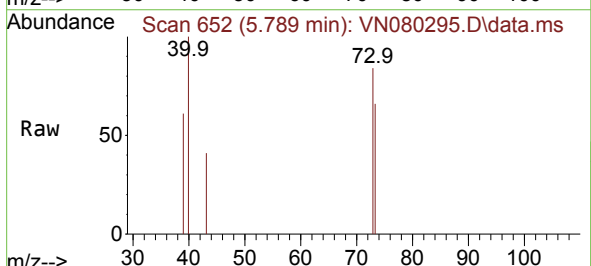
Instrument :
MSVOA_N
ClientSampleId :



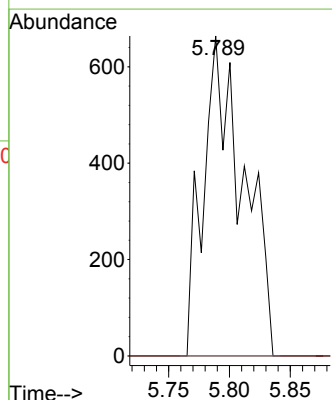
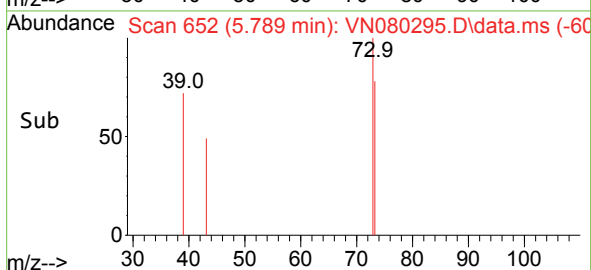
Tgt Ion: 76 Resp: 1275
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

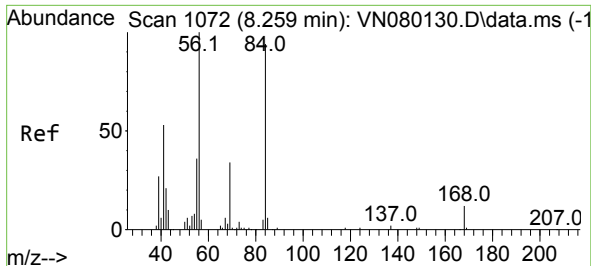


#19
Methyl tert-butyl Ether
Concen: 0.218 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27



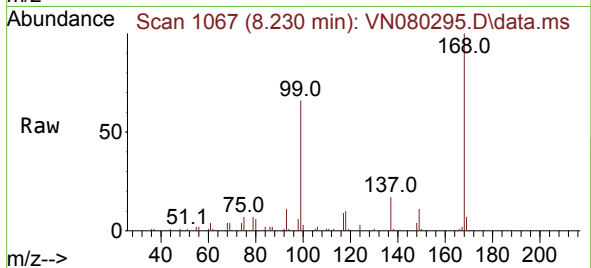
Tgt Ion: 73 Resp: 1530
Ion Ratio Lower Upper
73 100
57 0.0 15.6 23.4#



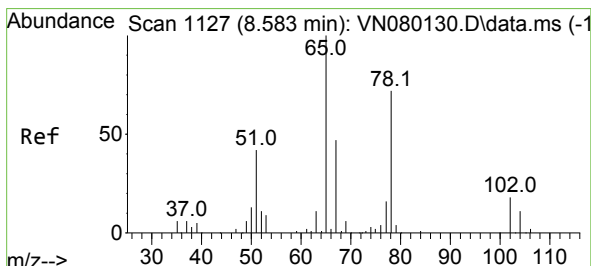
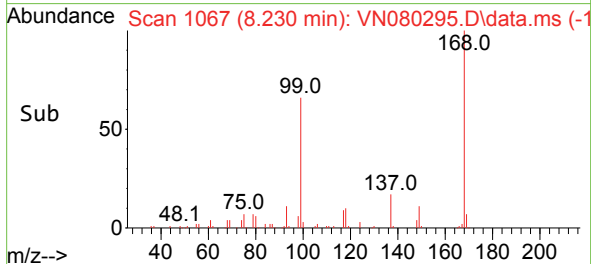
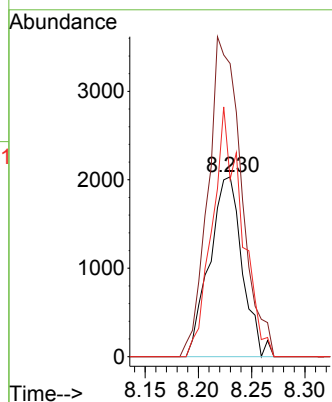


#31
Cyclohexane
Concen: 1.282 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :

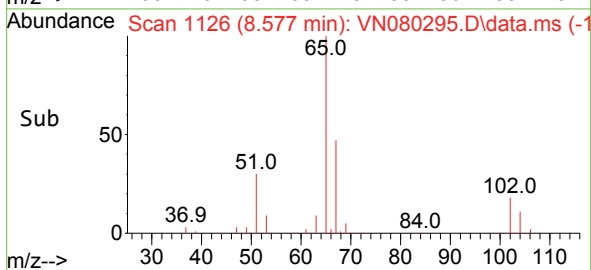
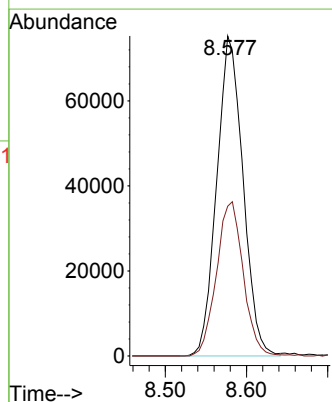
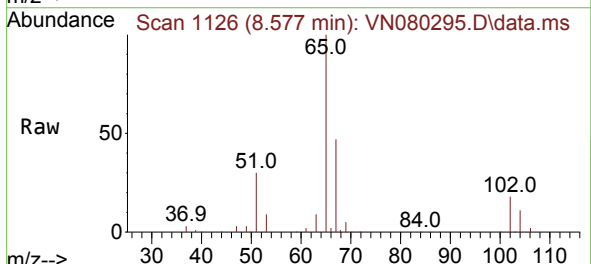


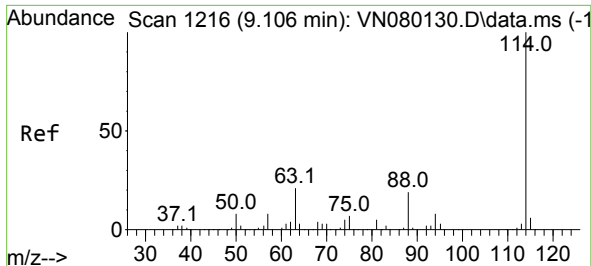
Tgt Ion: 56 Resp: 4325
Ion Ratio Lower Upper
56 100
69 162.9 26.8 40.2#
84 98.6 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 54.522 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

Tgt Ion: 65 Resp: 169099
Ion Ratio Lower Upper
65 100
67 49.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080295.D

Acq: 28 Nov 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

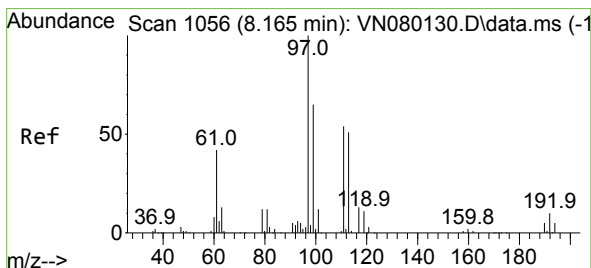
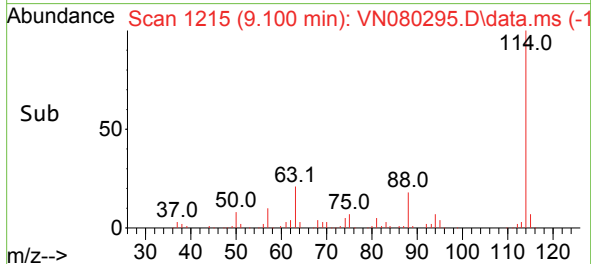
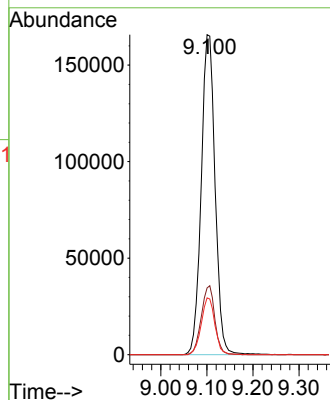
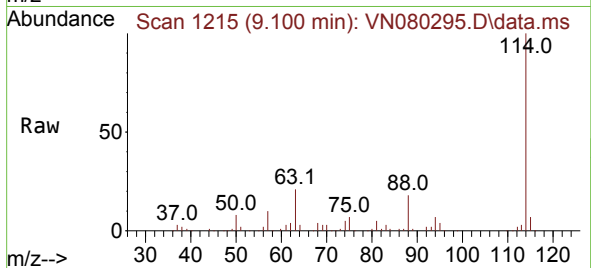
Tgt Ion:114 Resp: 348152

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.704 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080295.D

Acq: 28 Nov 2023 14:27

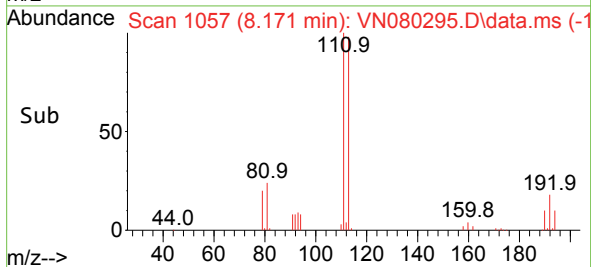
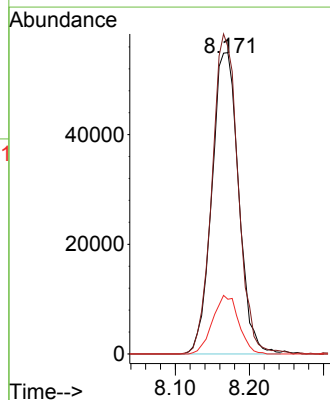
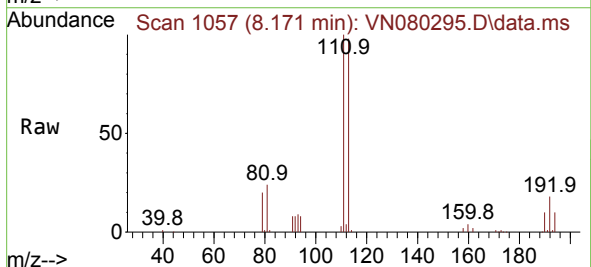
Tgt Ion:113 Resp: 137961

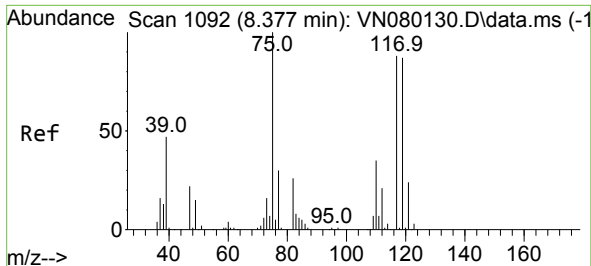
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 18.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.305 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN080295.D

Acq: 28 Nov 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

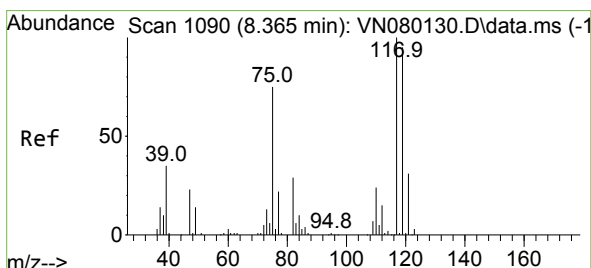
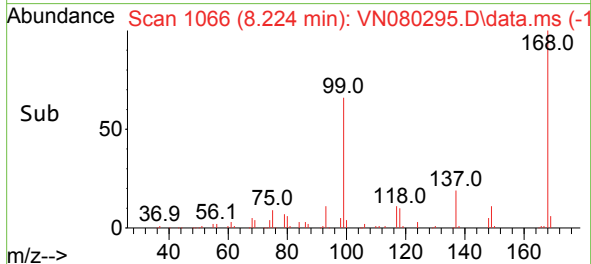
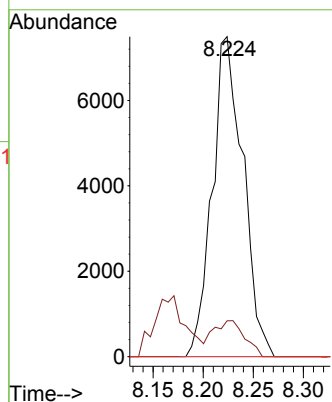
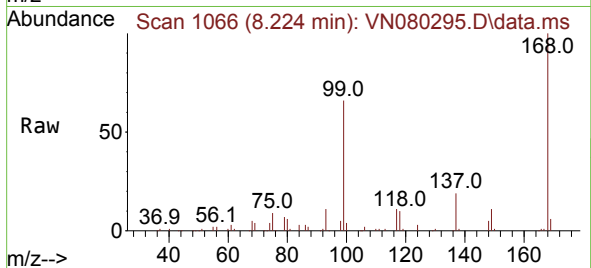
Tgt Ion: 75 Resp: 16010

Ion Ratio Lower Upper

75 100

110 11.5 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.318 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080295.D

Acq: 28 Nov 2023 14:27

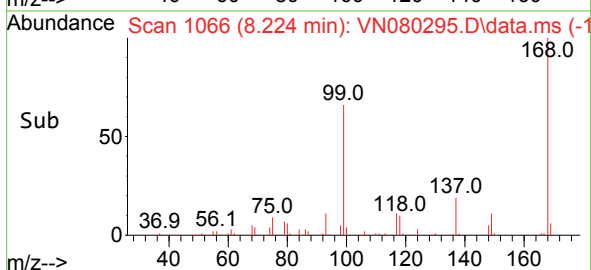
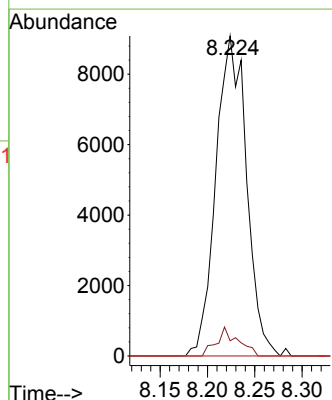
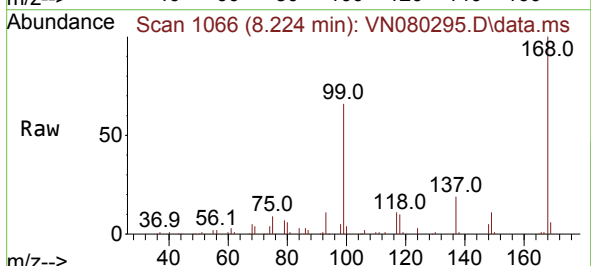
Tgt Ion: 117 Resp: 20378

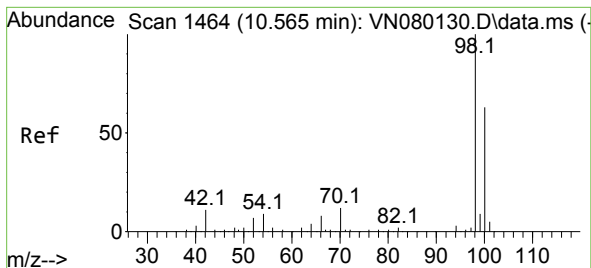
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 23.3 34.9#





#50

Toluene-d8

Concen: 50.144 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080295.D

Acq: 28 Nov 2023 14:27

Instrument :

MSVOA_N

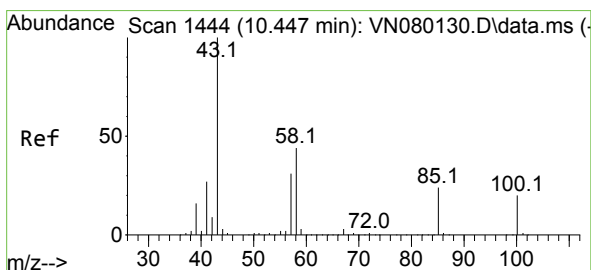
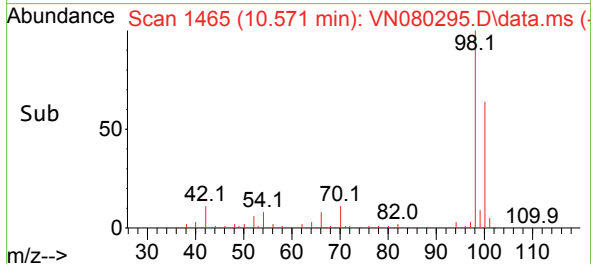
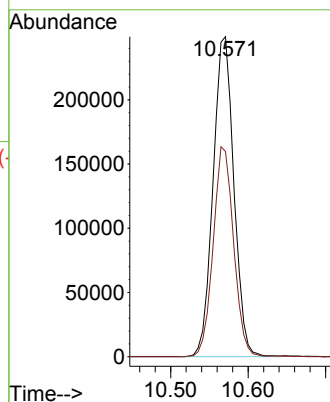
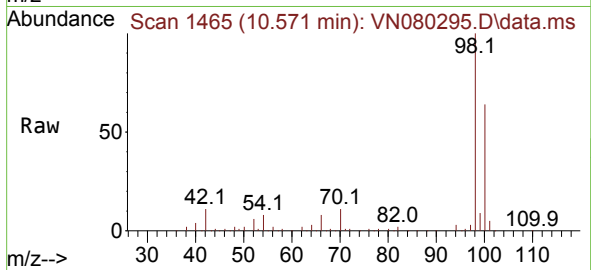
ClientSampleId :

Tgt Ion: 98 Resp: 464351

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.701 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.112 min

Lab File: VN080295.D

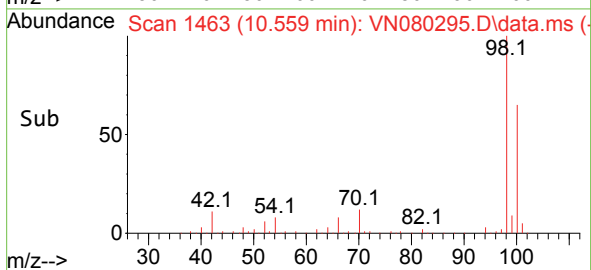
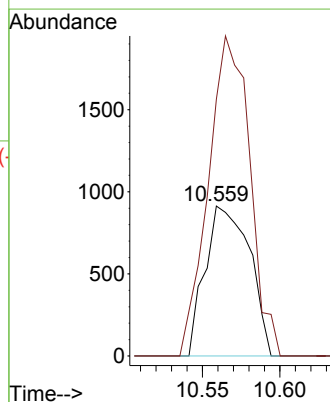
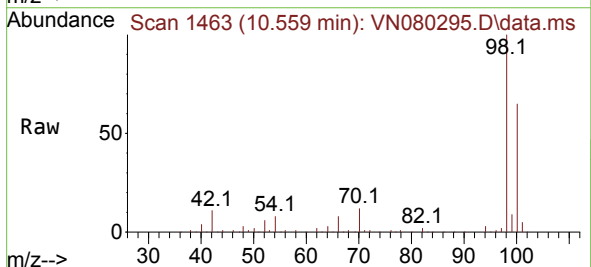
Acq: 28 Nov 2023 14:27

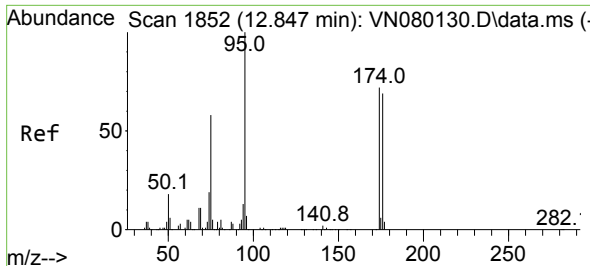
Tgt Ion: 43 Resp: 1821

Ion Ratio Lower Upper

43 100

58 199.1 36.6 54.8#

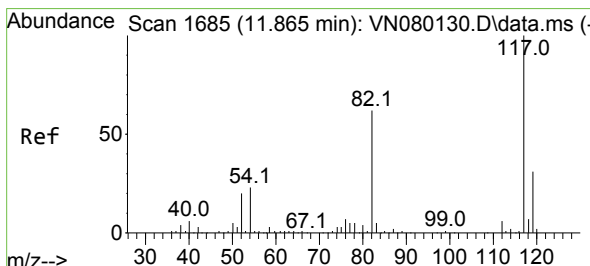
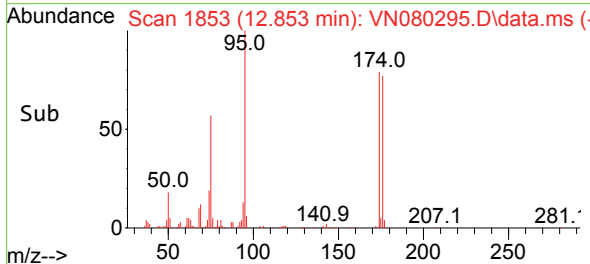
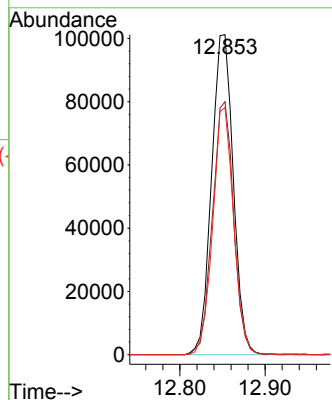
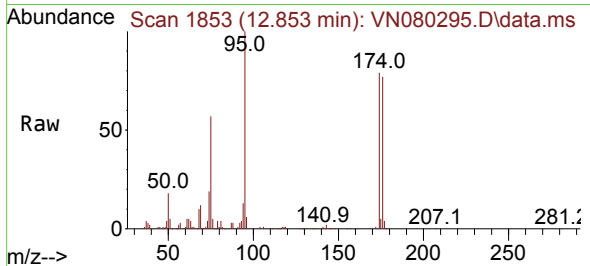




#62
4-Bromofluorobenzene
Concen: 51.130 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

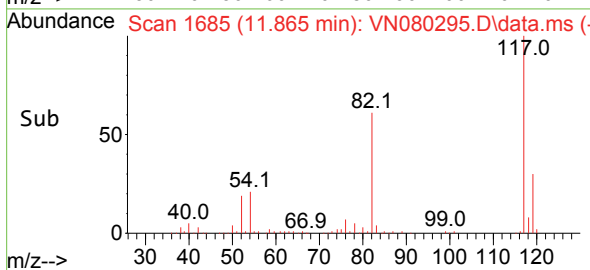
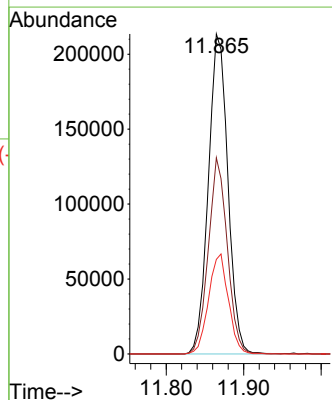
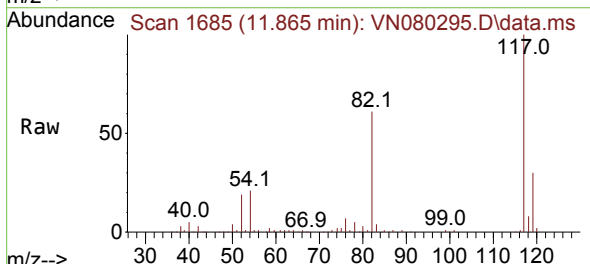
Instrument :
MSVOA_N
ClientSampleId :

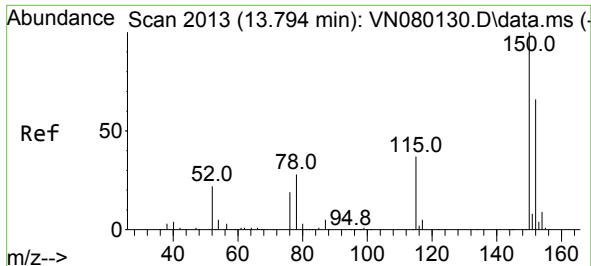
Tgt Ion: 95 Resp: 178841
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 74.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

Tgt Ion: 117 Resp: 373285
Ion Ratio Lower Upper
117 100
82 61.3 44.0 66.0
119 29.5 25.6 38.4

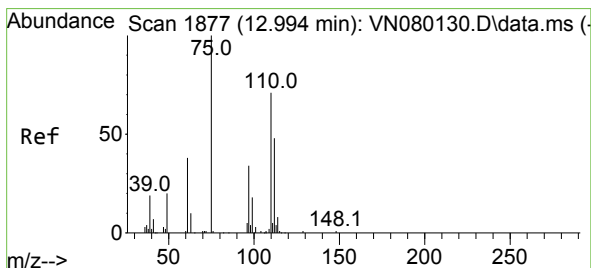
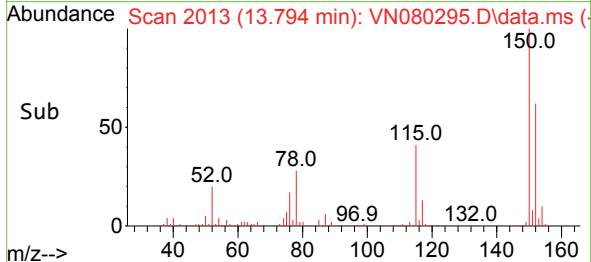
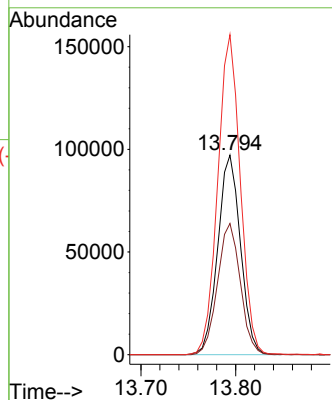
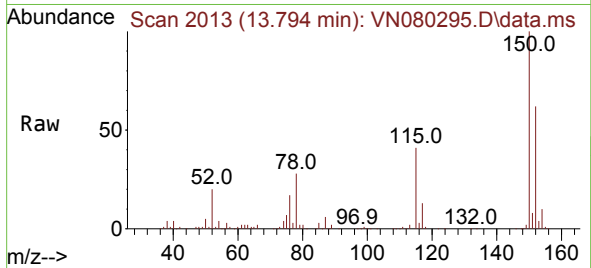




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080295.D
 Acq: 28 Nov 2023 14:27

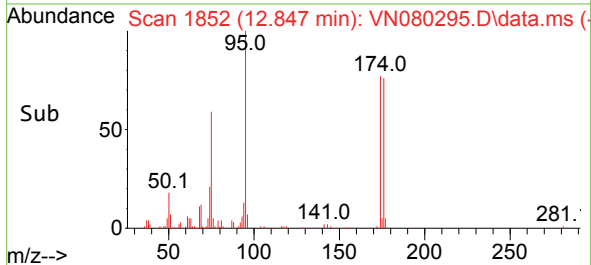
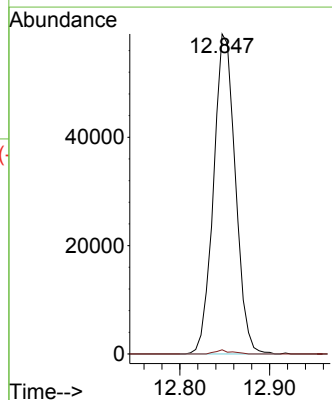
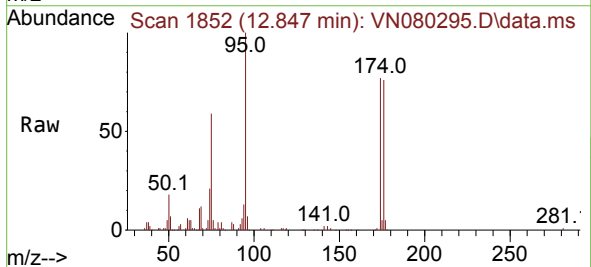
Instrument :
 MSVOA_N
 ClientSampleId :

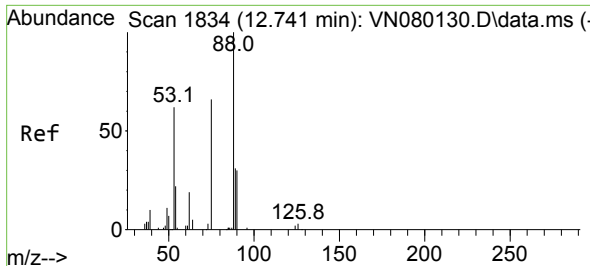
Tgt Ion:152 Resp: 161888
 Ion Ratio Lower Upper
 152 100
 115 66.1 32.3 96.8
 150 159.2 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 25.157 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080295.D
 Acq: 28 Nov 2023 14:27

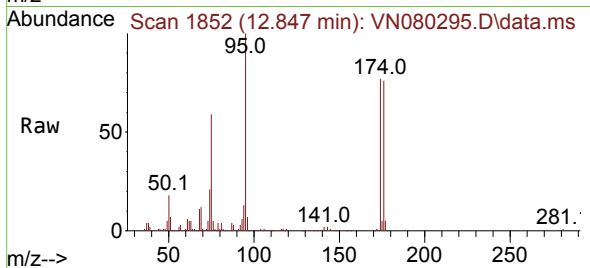
Tgt Ion: 75 Resp: 99785
 Ion Ratio Lower Upper
 75 100
 77 0.9 84.5 253.5#



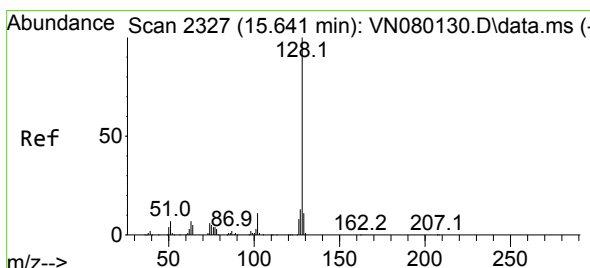
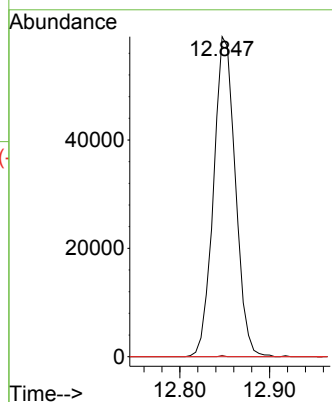
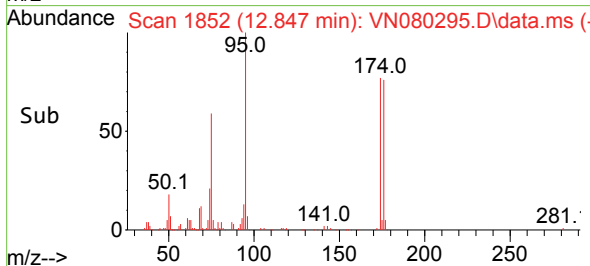


#81
trans-1,4-Dichloro-2-butene
Concen: 84.994 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :

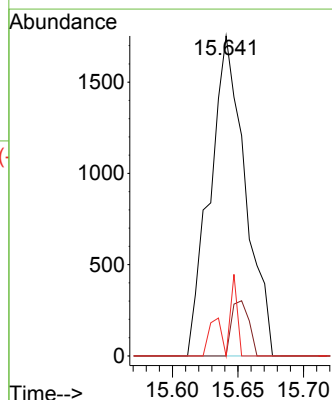
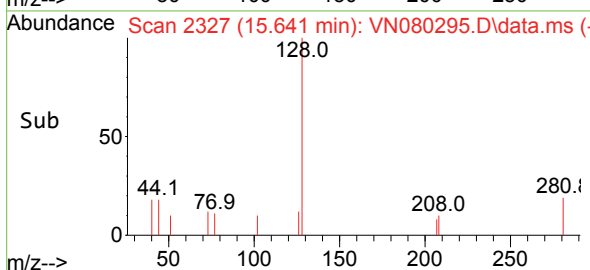
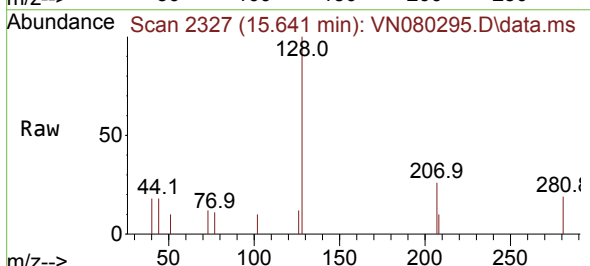


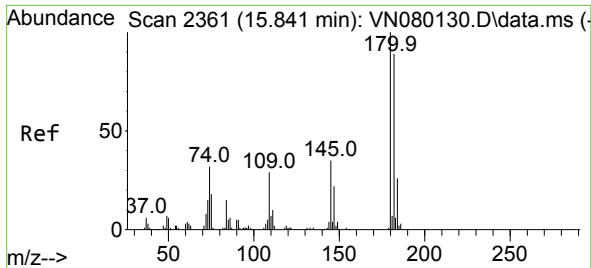
Tgt Ion: 75 Resp: 99785
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.356 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

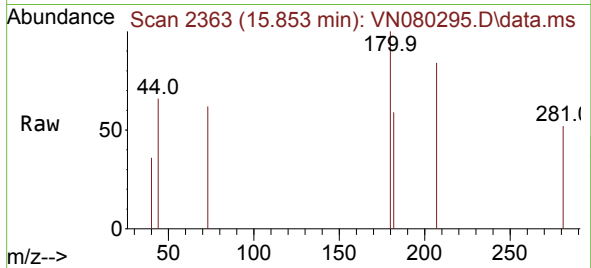
Tgt Ion: 128 Resp: 3279
Ion Ratio Lower Upper
128 100
127 8.4 10.0 15.0#
129 4.8 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.274 ug/l
 RT: 15.853 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN080295.D
 Acq: 28 Nov 2023 14:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	817
Ion	Ratio	Lower	Upper
180	100		
182	84.8	46.2	138.6
145	17.5	17.5	52.6#

