

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092523\
 Data File : VN079338.D
 Acq On : 25 Sep 2023 11:49
 Operator : JC\MD
 Sample : VN0925WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 26 06:18:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

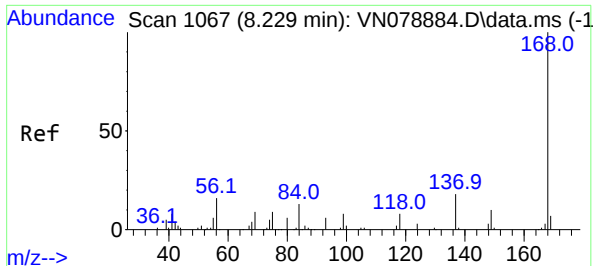
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	160815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	258687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133178	61.348	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.700%	
35) Dibromofluoromethane	8.171	113	102911	52.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.200%	
50) Toluene-d8	10.571	98	338681	46.694	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.380%	
62) 4-Bromofluorobenzene	12.853	95	107315	46.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.948	94	377	0.288	ug/l #	4
6) Chloroethane	3.124	64	127	Below Cal	#	43
18) Methyl Acetate	5.047	43	794	0.210	ug/l #	42
31) Cyclohexane	8.224	56	4369	1.378	ug/l #	43
36) 1,1-Dichloropropene	8.235	75	15289	5.021	ug/l #	47
38) Carbon Tetrachloride	8.224	117	17714	5.622	ug/l #	16
43) Isopropyl Acetate	8.777	43	2785	0.562	ug/l #	49
51) 4-Methyl-2-Pentanone	10.571	43	1932	0.672	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.159	63	685	Below Cal	#	42
76) 1,2,3-Trichloropropane	12.853	75	61936	31.418	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	61936	86.374	ug/l #	15

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

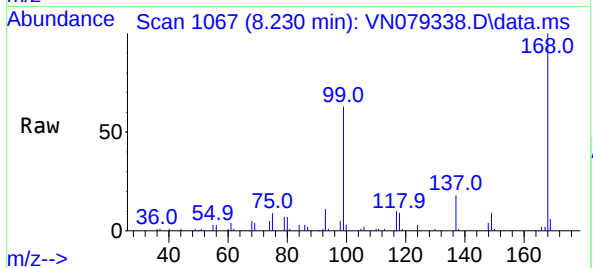
Quant Time: Sep 26 06:18:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



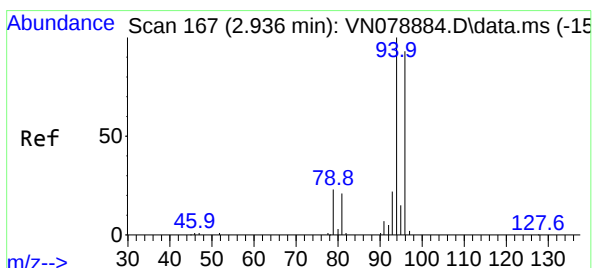
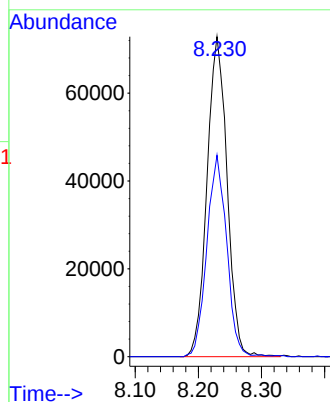
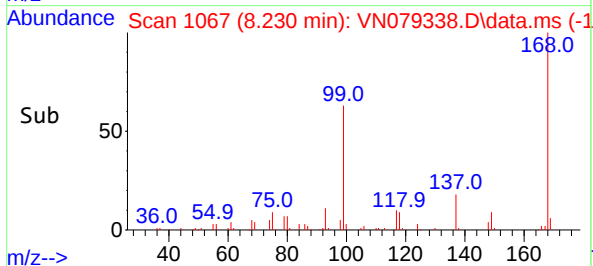


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :

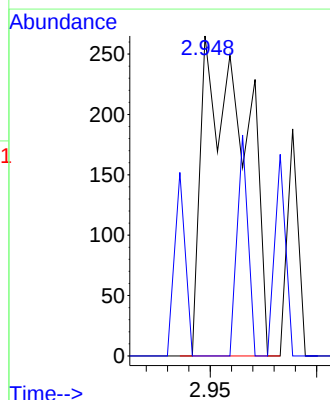
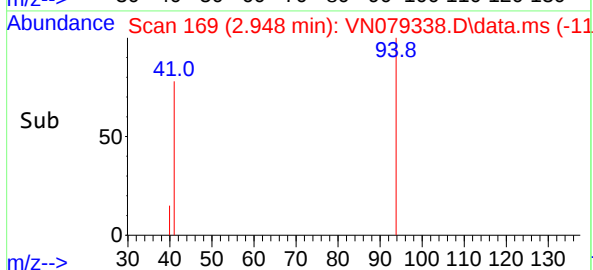
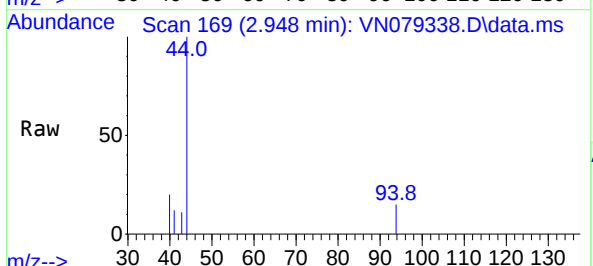


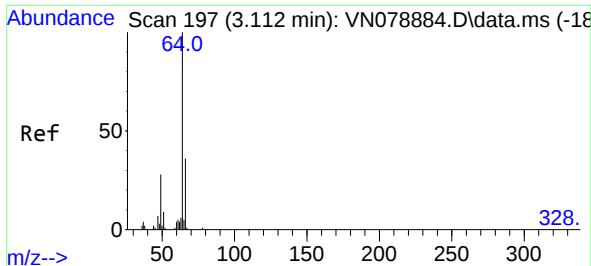
Tgt Ion:168 Resp: 160815
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#5
Bromomethane
Concen: 0.288 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 94 Resp: 377
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#

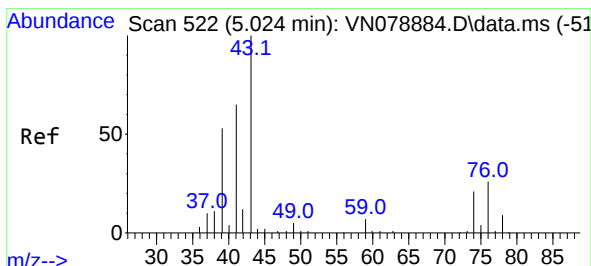
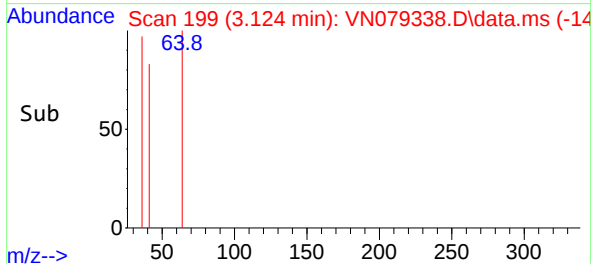
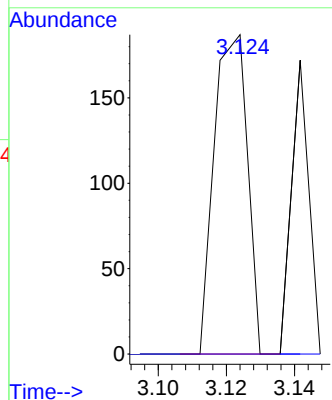
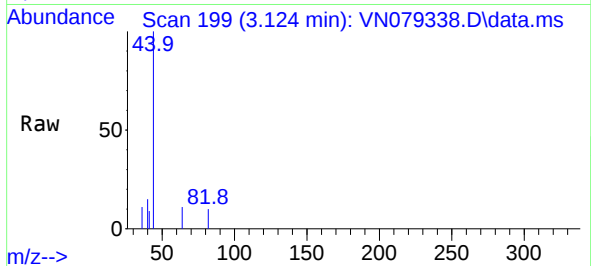




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

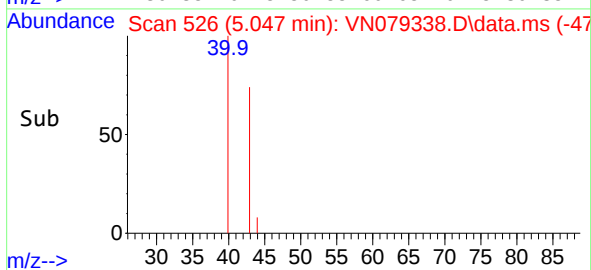
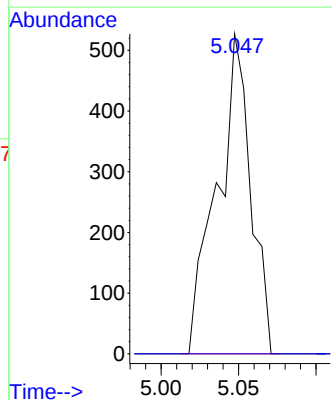
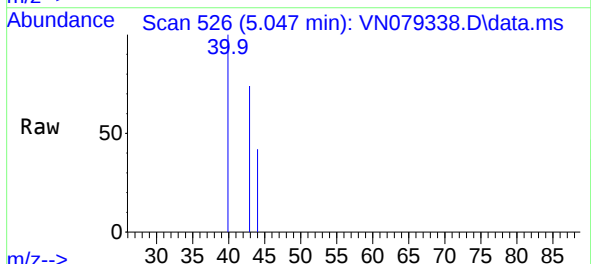
Instrument :
MSVOA_N
ClientSampleId :

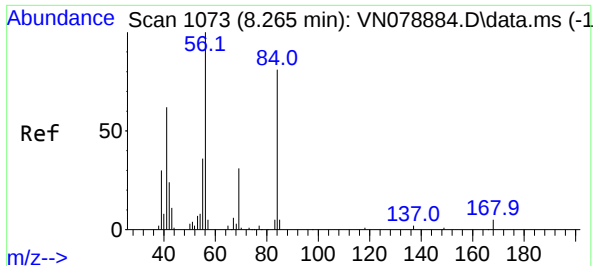
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.005 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#





#31

Cyclohexane

Concen: 1.378 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.041 min

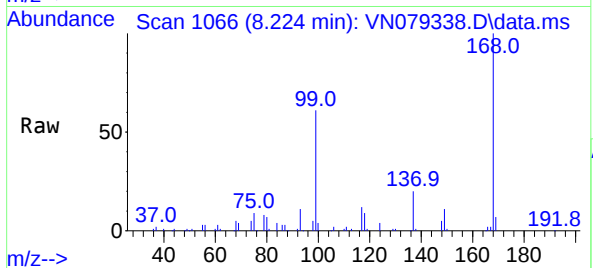
Lab File: VN079338.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :



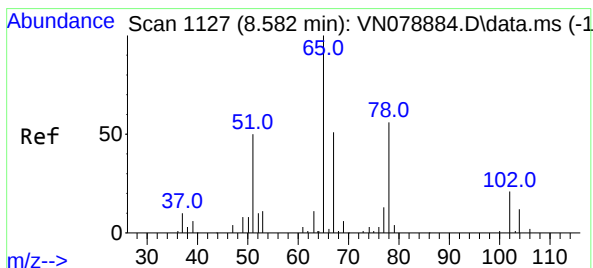
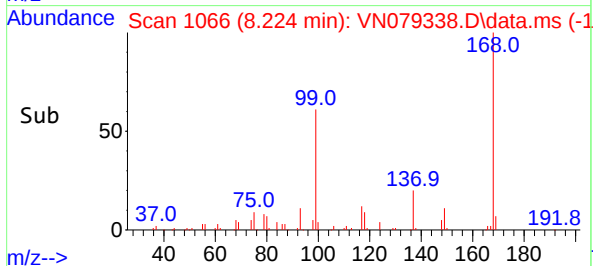
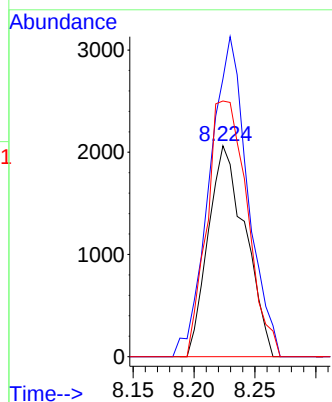
Tgt Ion: 56 Resp: 4369

Ion Ratio Lower Upper

56 100

69 131.7 26.8 40.2#

84 121.3 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 61.348 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079338.D

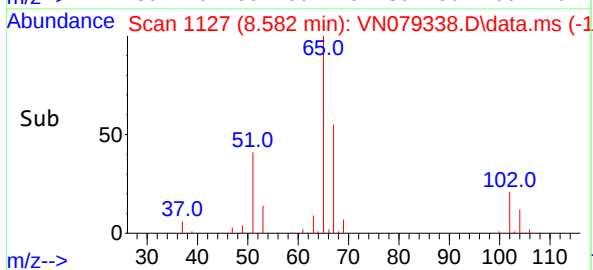
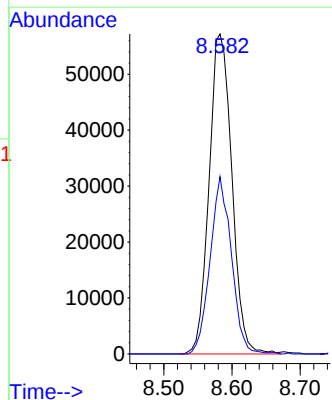
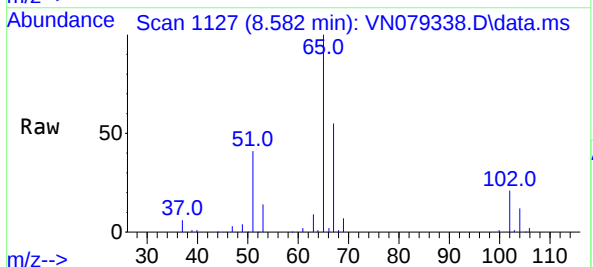
Acq: 25 Sep 2023 11:49

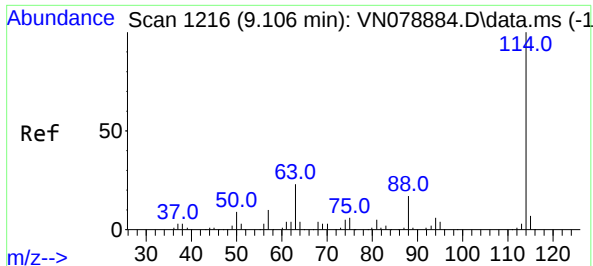
Tgt Ion: 65 Resp: 133178

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079338.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

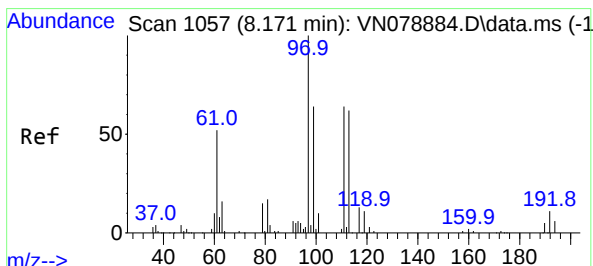
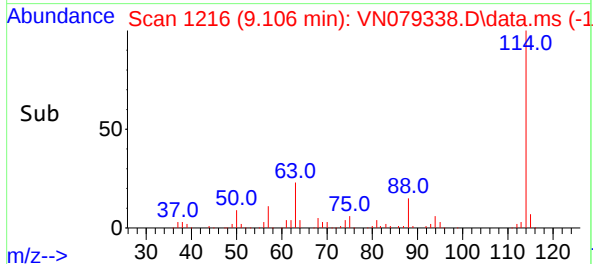
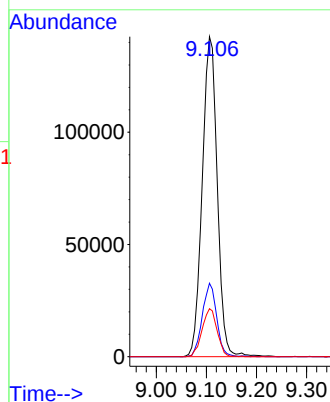
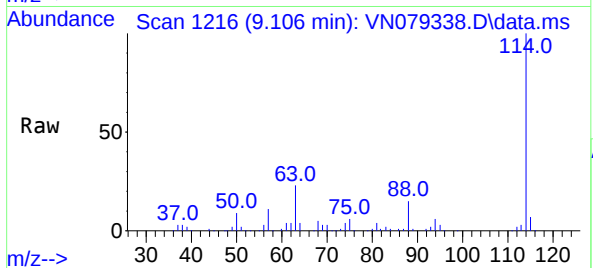
Tgt Ion:114 Resp: 296965

Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.098 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079338.D

Acq: 25 Sep 2023 11:49

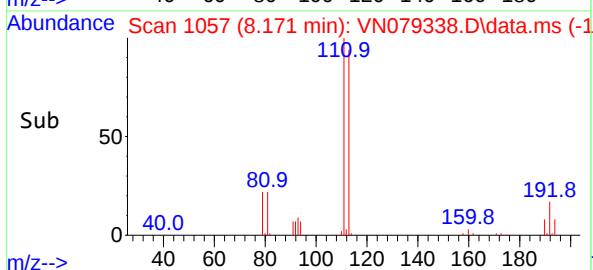
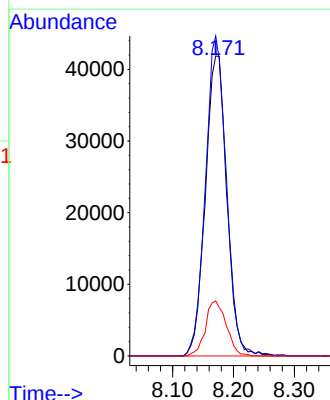
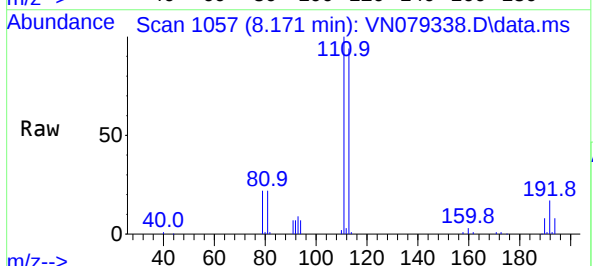
Tgt Ion:113 Resp: 102911

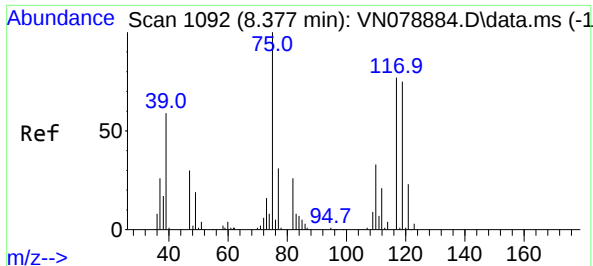
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 17.7 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.021 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

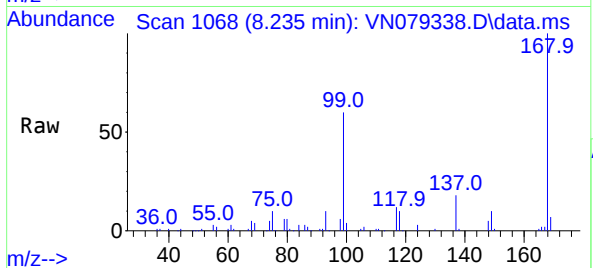
Lab File: VN079338.D

Acq: 25 Sep 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :



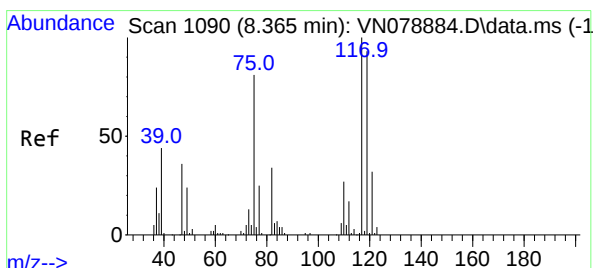
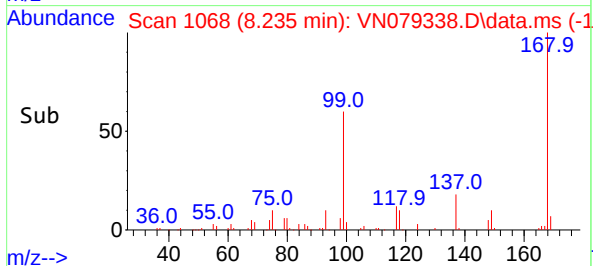
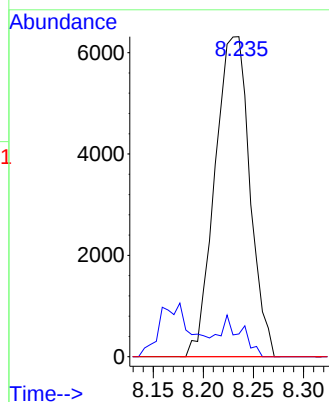
Tgt Ion: 75 Resp: 15289

Ion Ratio Lower Upper

75 100

110 8.2 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.622 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN079338.D

Acq: 25 Sep 2023 11:49

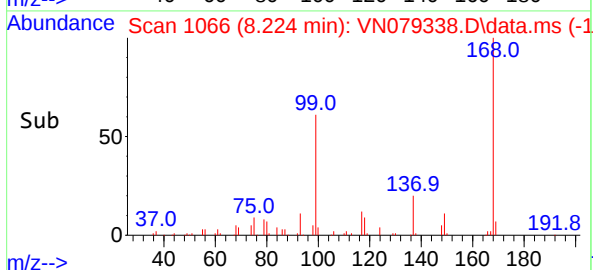
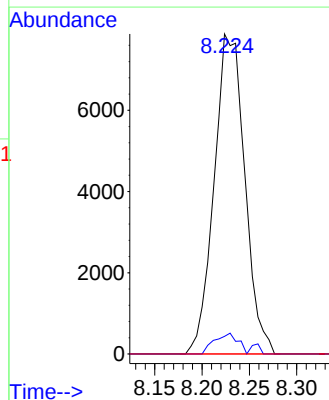
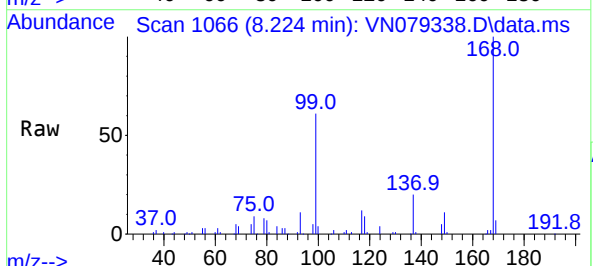
Tgt Ion: 117 Resp: 17714

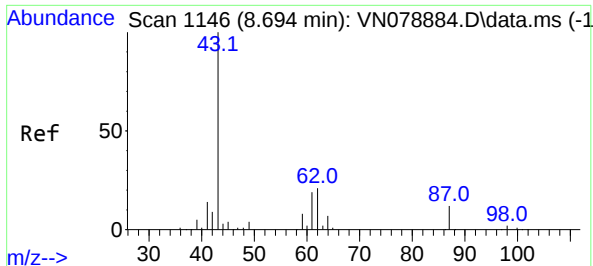
Ion Ratio Lower Upper

117 100

119 5.5 77.3 115.9#

121 0.0 23.3 34.9#

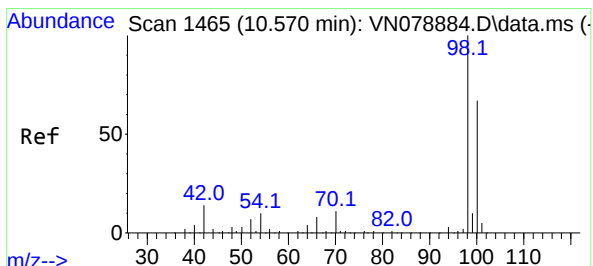
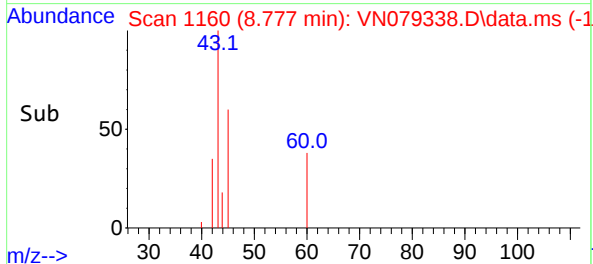
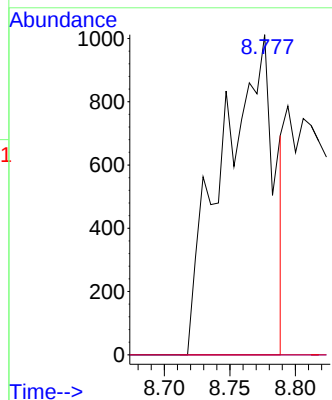
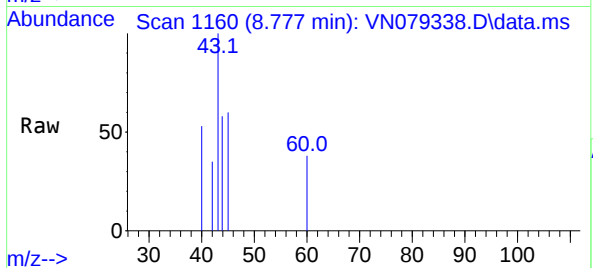




#43
Isopropyl Acetate
Concen: 0.562 ug/l
RT: 8.777 min Scan# 1146
Delta R.T. 0.083 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

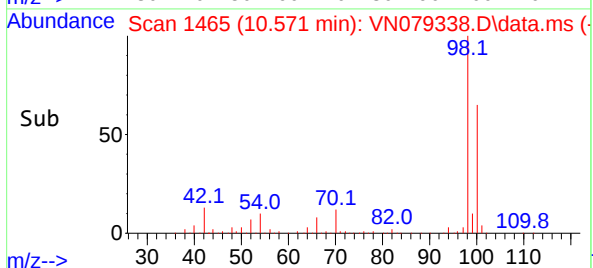
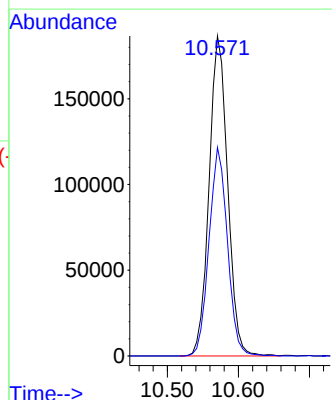
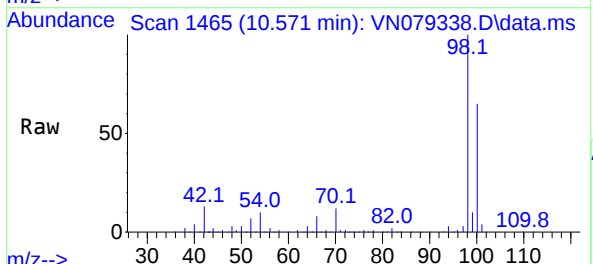
Instrument :
MSVOA_N
ClientSampleId :

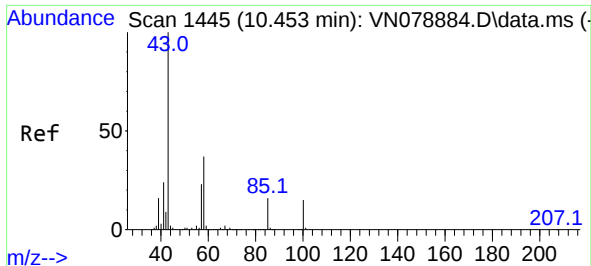
Tgt Ion: 43 Resp: 2785
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 46.694 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

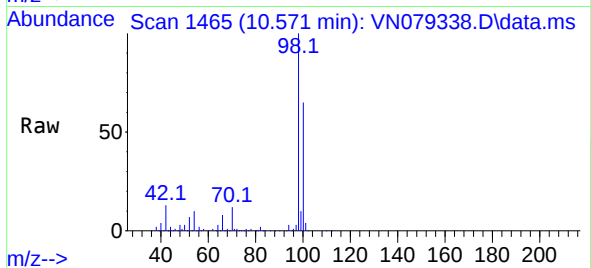
Tgt Ion: 98 Resp: 338681
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



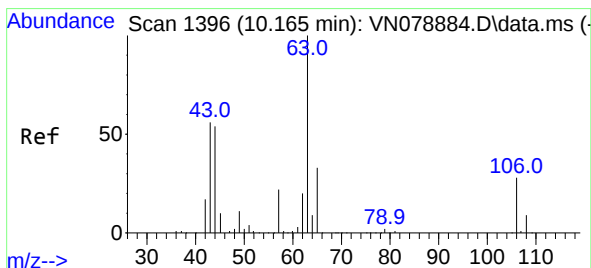
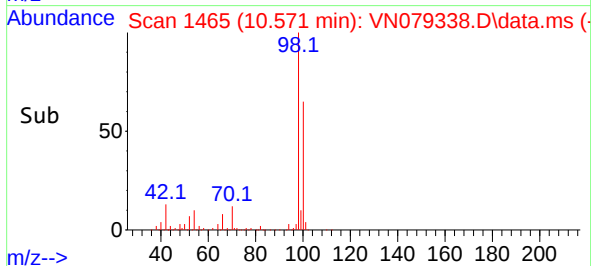
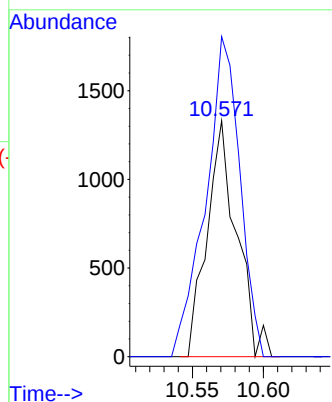


#51
4-Methyl-2-Pentanone
Concen: 0.672 ug/l
RT: 10.571 min Scan# 1445
Delta R.T. 0.118 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :

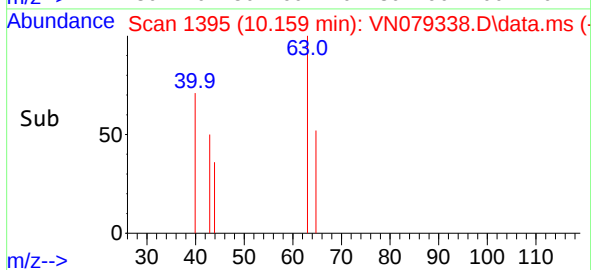
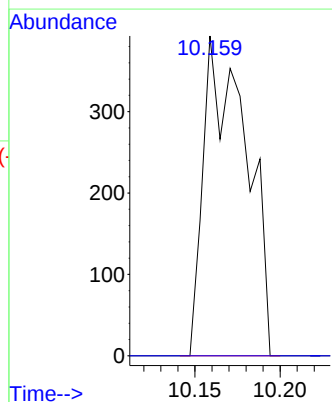
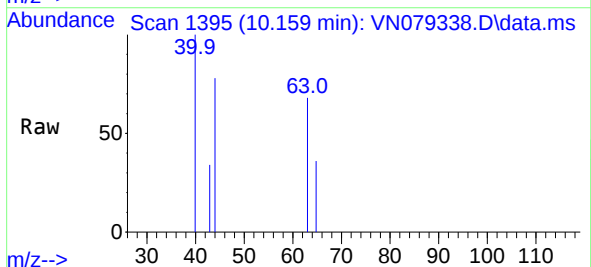


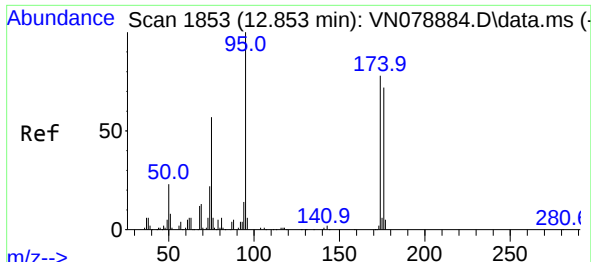
Tgt Ion: 43 Resp: 1932
Ion Ratio Lower Upper
43 100
58 156.7 36.6 54.8#



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 63 Resp: 685
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#

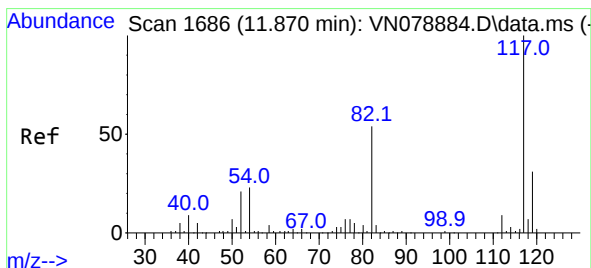
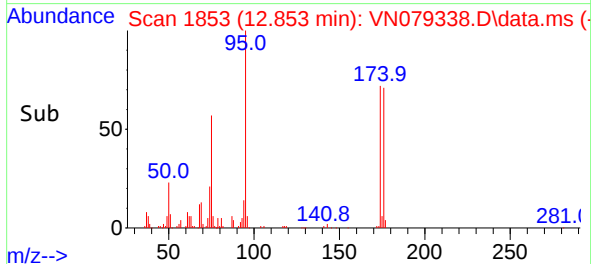
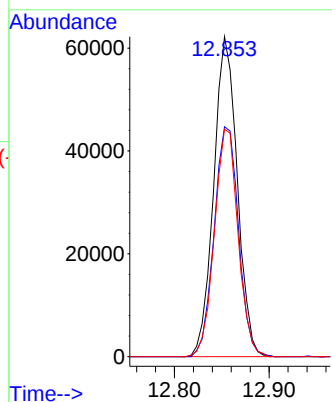
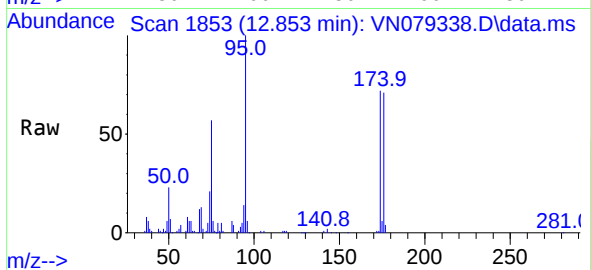




#62
4-Bromofluorobenzene
Concen: 46.384 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

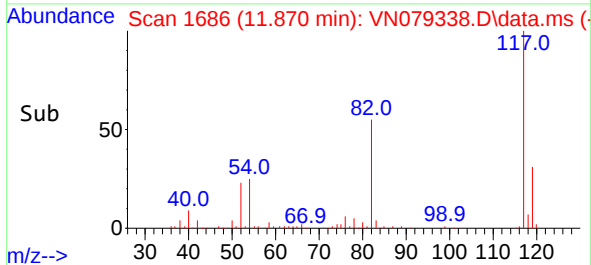
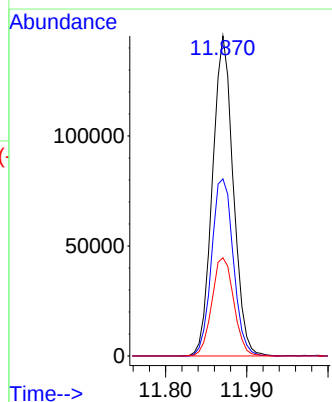
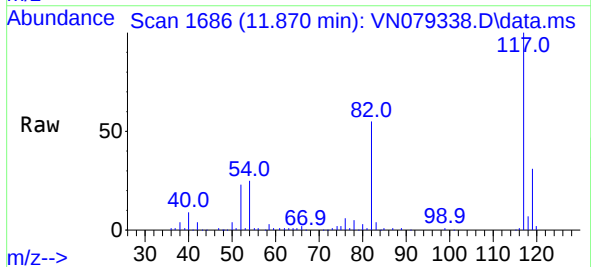
Instrument :
MSVOA_N
ClientSampleId :

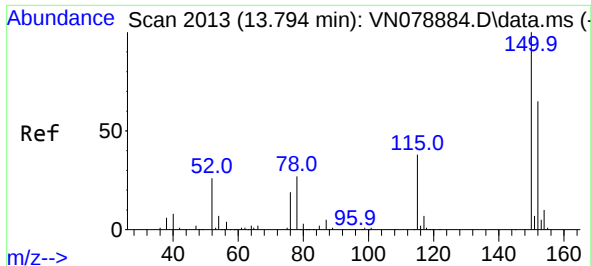
Tgt Ion: 95 Resp: 107315
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

Tgt Ion: 117 Resp: 258687
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 30.7 25.6 38.4

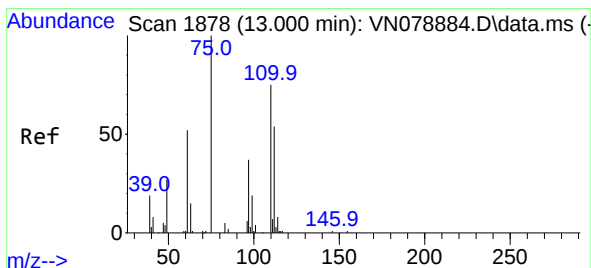
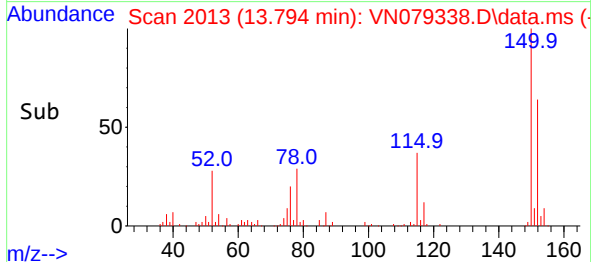
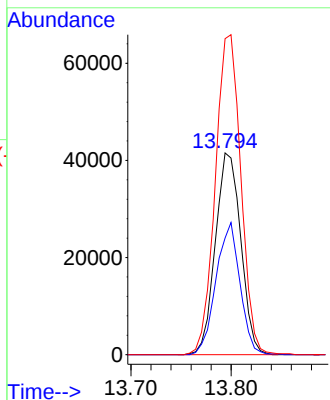
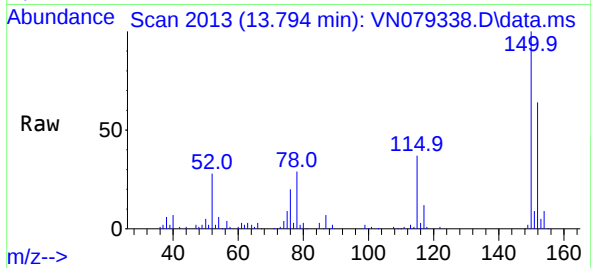




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

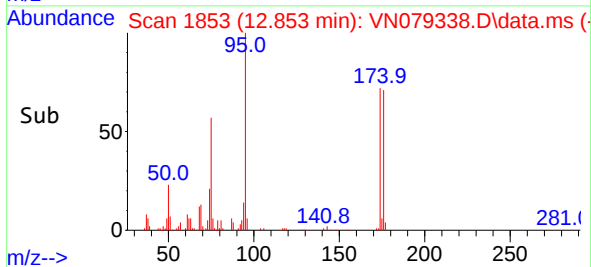
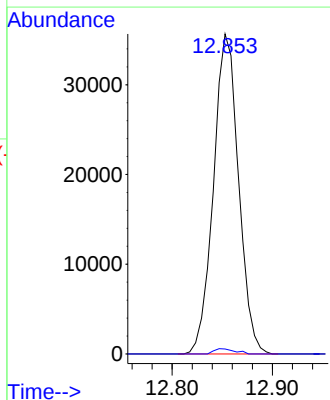
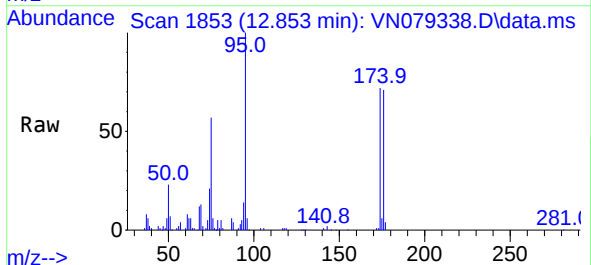
Instrument :
MSVOA_N
ClientSampleId :

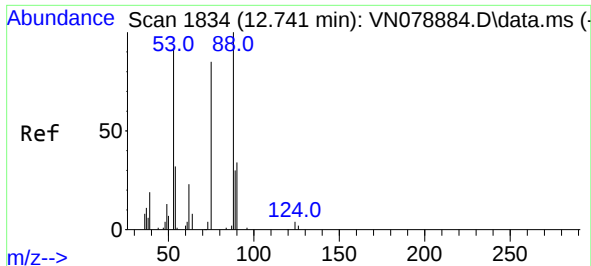
Tgt Ion:152 Resp: 73146
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 159.7 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 31.418 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

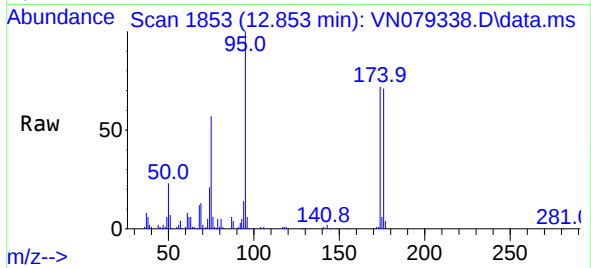
Tgt Ion: 75 Resp: 61936
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.374 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN079338.D
Acq: 25 Sep 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 61936
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

