

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079229.D
 Acq On : 11 Sep 2023 20:18
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 05:23:25 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)

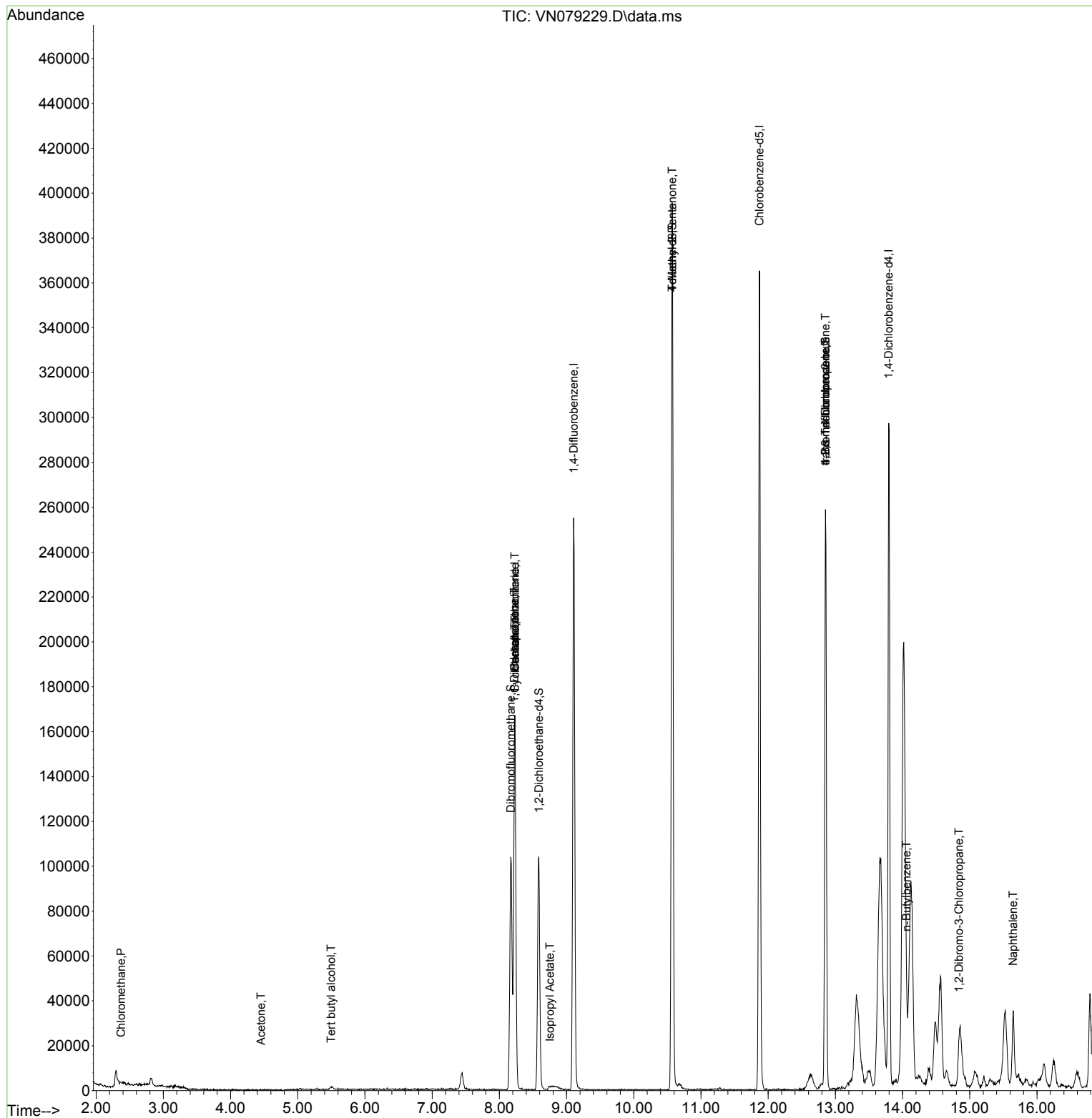
Internal Standards						
1) Pentafluorobenzene	8.229	168	125945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	229304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	218434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	87317	51.359	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.720%	
35) Dibromofluoromethane	8.171	113	77402	50.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.500%	
50) Toluene-d8	10.570	98	285783	51.027	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.060%	
62) 4-Bromofluorobenzene	12.853	95	97941	54.823	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	422	0.258	ug/l #	42
6) Chloroethane	3.118	64	334	Below Cal	#	43
11) Tert butyl alcohol	5.494	59	1019	3.246	ug/l #	72
16) Acetone	4.453	43	159	0.220	ug/l #	40
31) Cyclohexane	8.235	56	2692	1.084	ug/l #	28
36) 1,1-Dichloropropene	8.224	75	10195	4.336	ug/l #	47
38) Carbon Tetrachloride	8.229	117	13246	5.444	ug/l #	16
43) Isopropyl Acetate	8.753	43	955	0.250	ug/l #	49
51) 4-Methyl-2-Pentanone	10.570	43	1083	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	49917	21.834	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	49917	60.026	ug/l #	15
89) n-Butylbenzene	14.059	91	1032	0.224	ug/l #	46
92) 1,2-Dibromo-3-Chloropr...	14.841	75	1115	2.552	ug/l #	30
95) Naphthalene	15.647	128	24965	7.392	ug/l	96

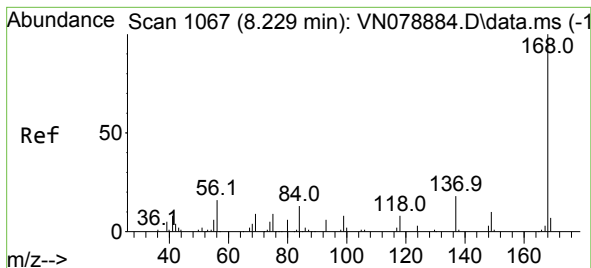
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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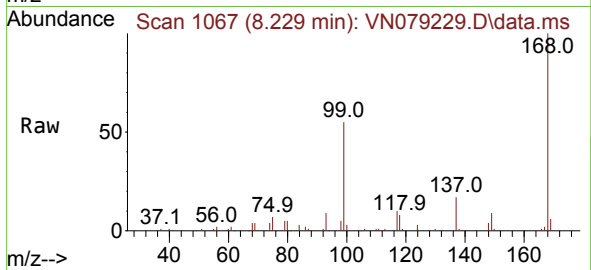
Quant Time: Sep 12 05:23:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
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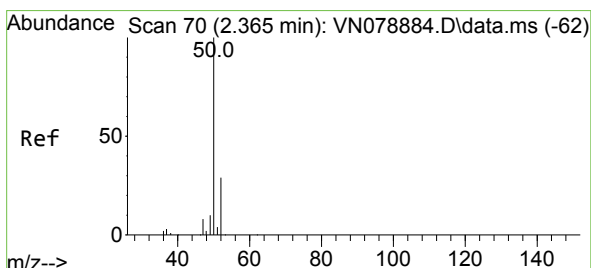
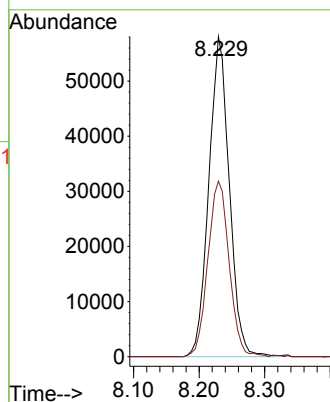
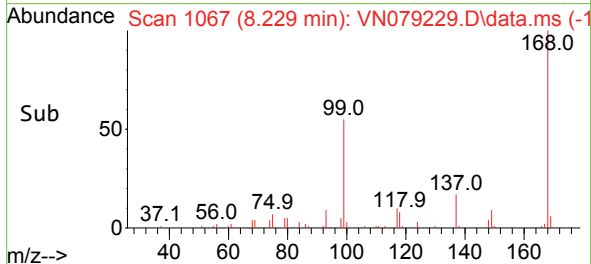


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Instrument :
MSVOA_N
ClientSampleId :

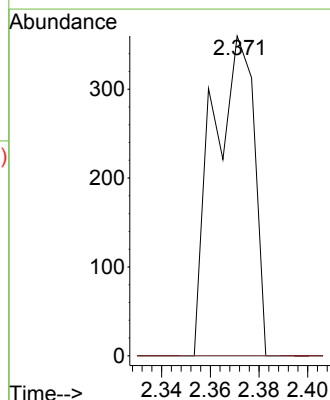
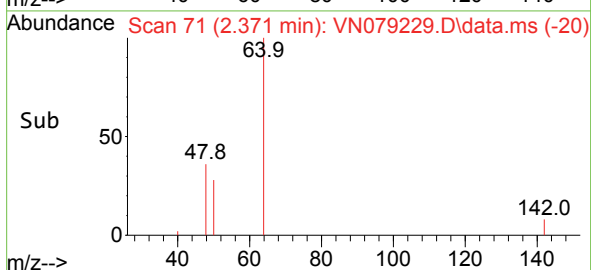
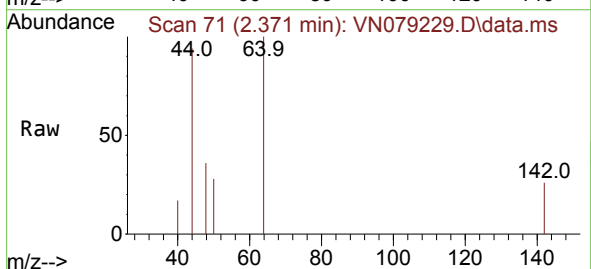


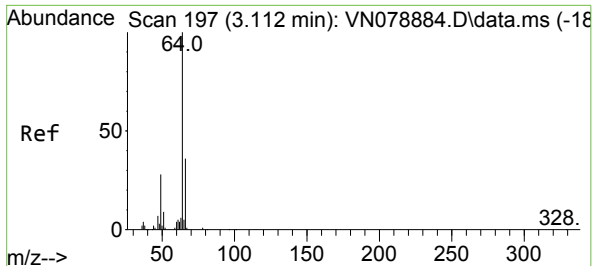
Tgt Ion:168 Resp: 125945
Ion Ratio Lower Upper
168 100
99 54.9 53.0 79.6



#3
Chloromethane
Concen: 0.258 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Tgt Ion: 50 Resp: 422
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

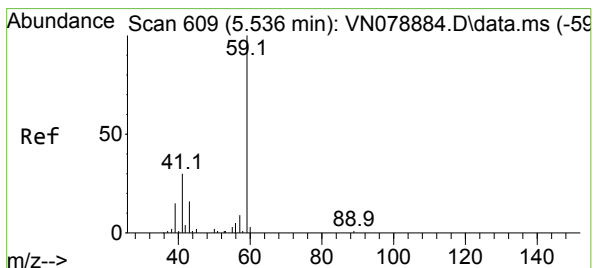
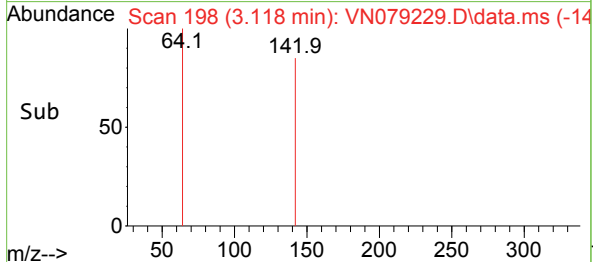
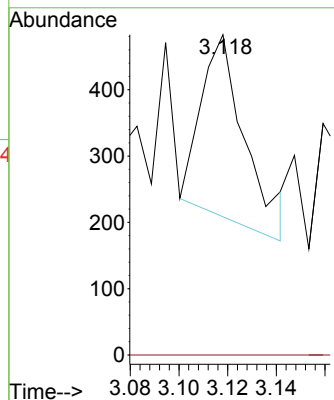
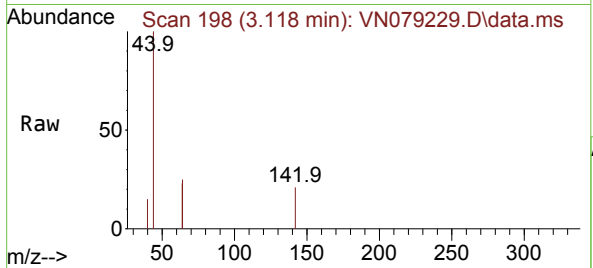




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

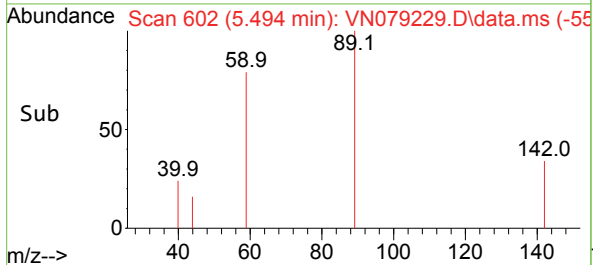
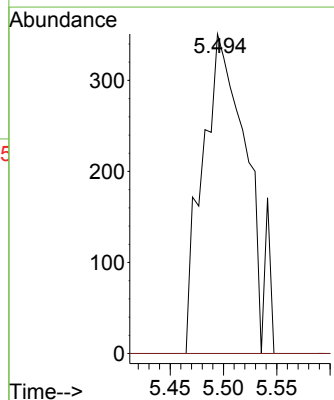
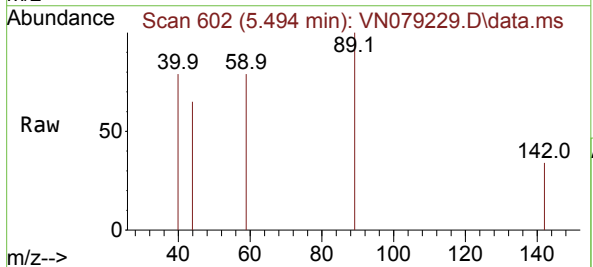
Instrument :
MSVOA_N
ClientSampleId :

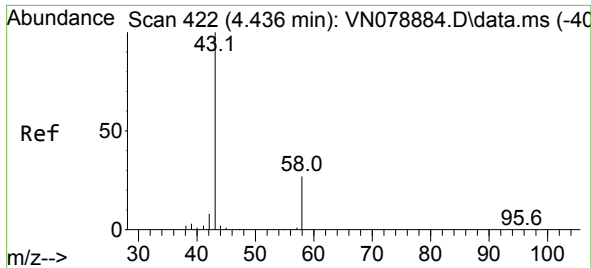
Tgt Ion: 64 Resp: 334
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 3.246 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.048 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Tgt Ion: 59 Resp: 1019
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.220 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

Instrument :

MSVOA_N

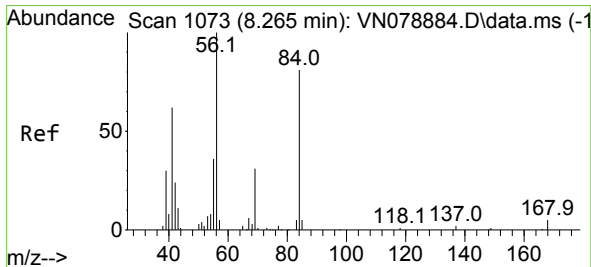
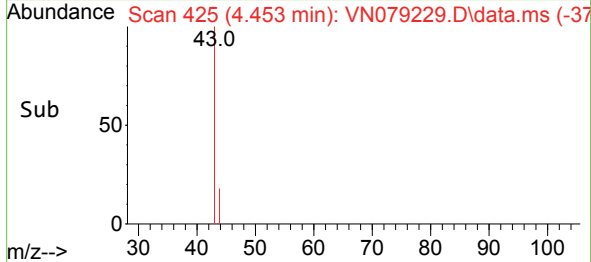
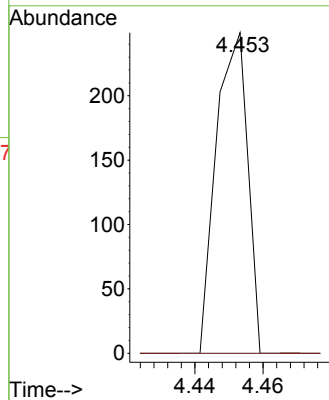
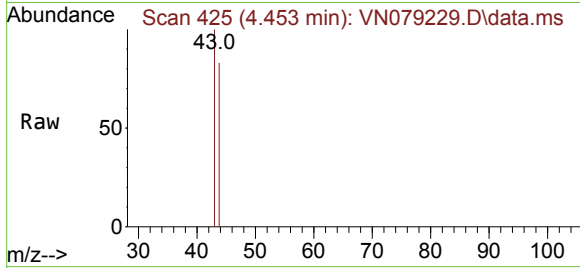
ClientSampleId :

Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

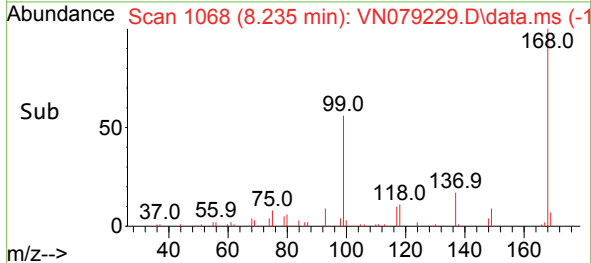
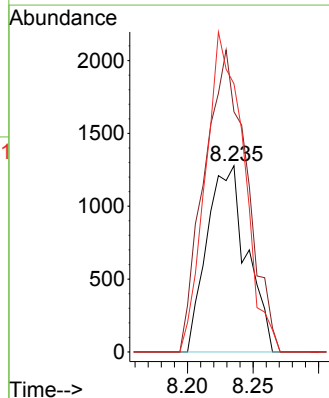
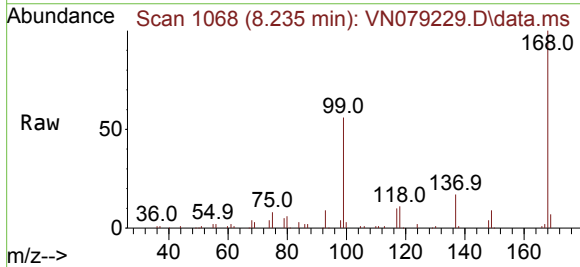
Tgt Ion: 56 Resp: 2692

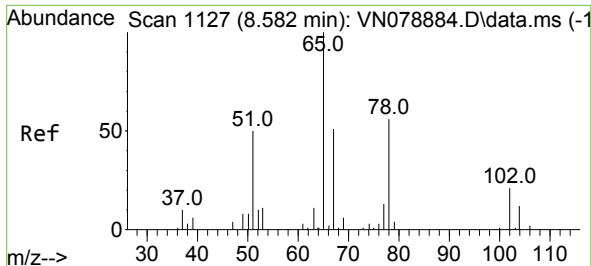
Ion Ratio Lower Upper

56 100

69 129.0 26.8 40.2#

84 144.0 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 51.359 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

Instrument :

MSVOA_N

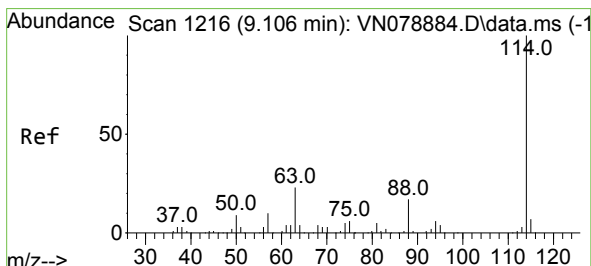
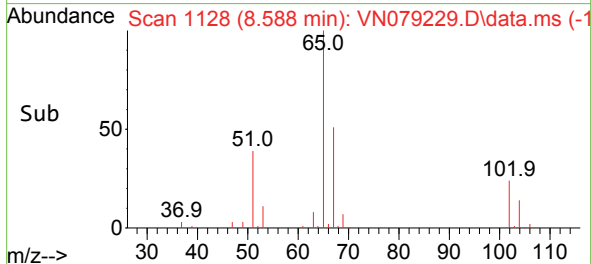
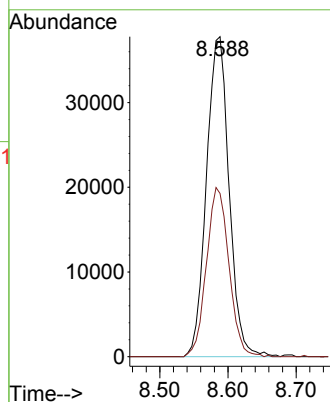
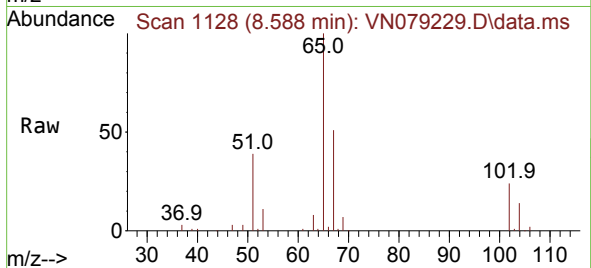
ClientSampleId :

Tgt Ion: 65 Resp: 87317

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

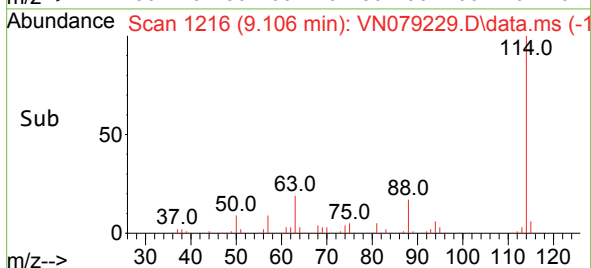
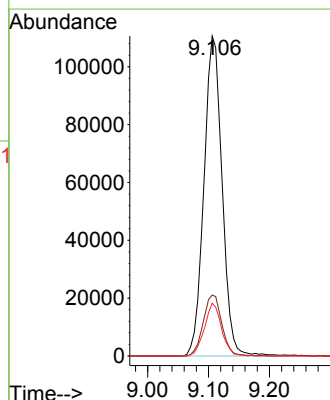
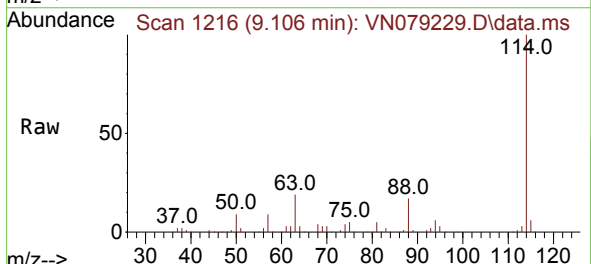
Tgt Ion: 114 Resp: 229304

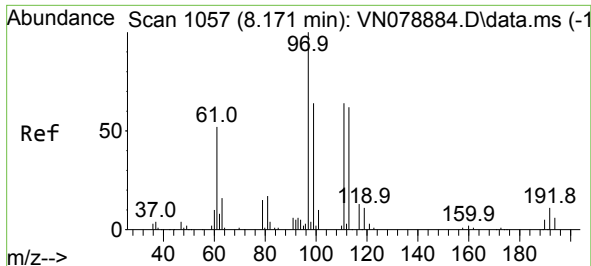
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.746 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

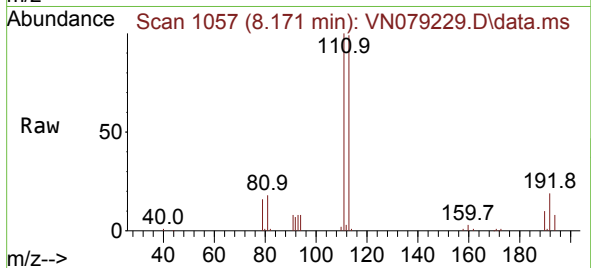
Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

Instrument :

MSVOA_N

ClientSampleId :



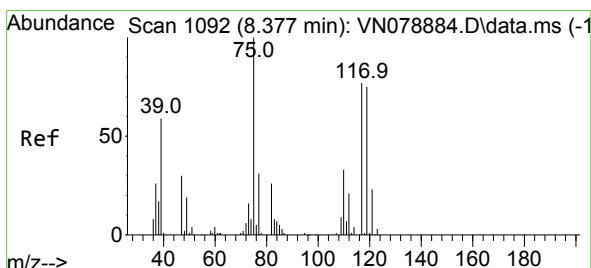
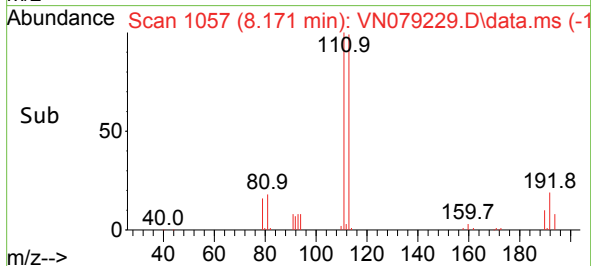
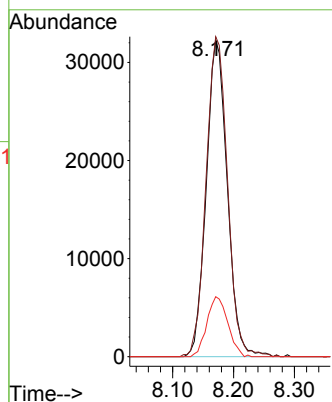
Tgt Ion:113 Resp: 77402

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 18.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.336 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079229.D

Acq: 11 Sep 2023 20:18

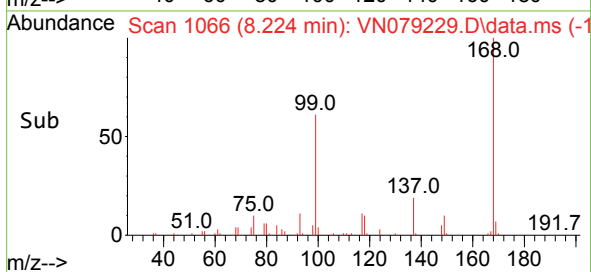
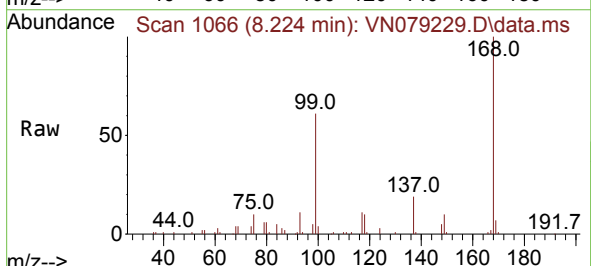
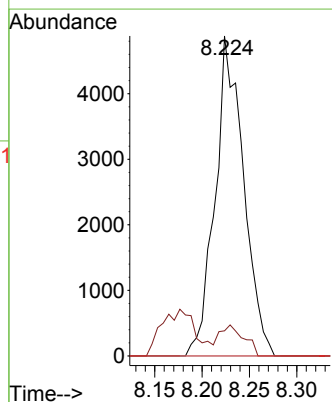
Tgt Ion: 75 Resp: 10195

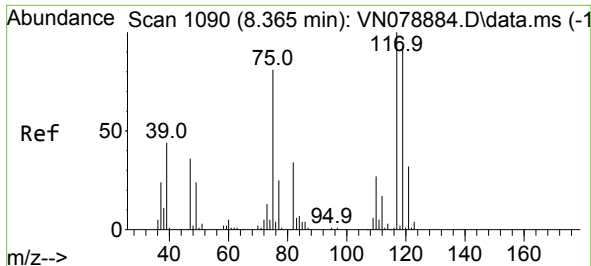
Ion Ratio Lower Upper

75 100

110 8.2 19.1 57.3#

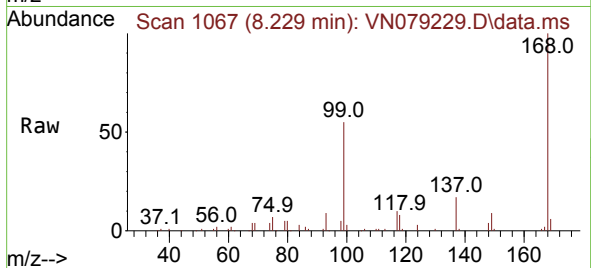
77 0.0 25.0 37.4#



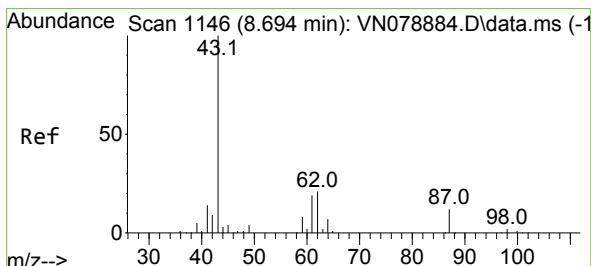
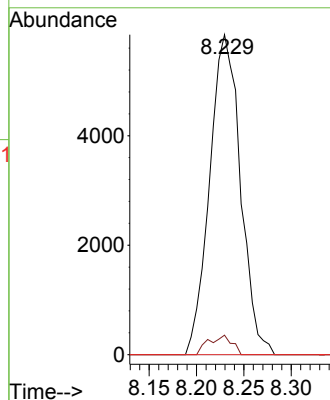
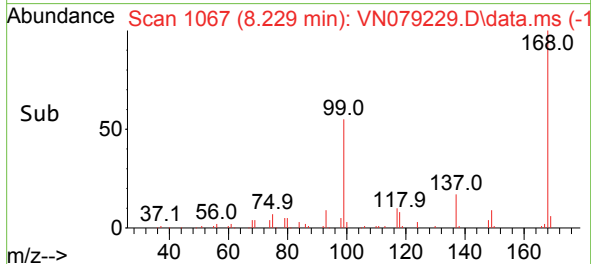


#38
Carbon Tetrachloride
Concen: 5.444 ug/l
RT: 8.229 min Scan# 1106
Delta R.T. -0.142 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Instrument :
MSVOA_N
ClientSampleId :

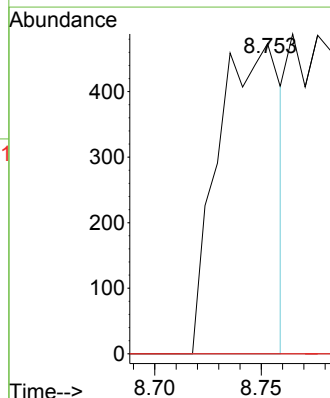
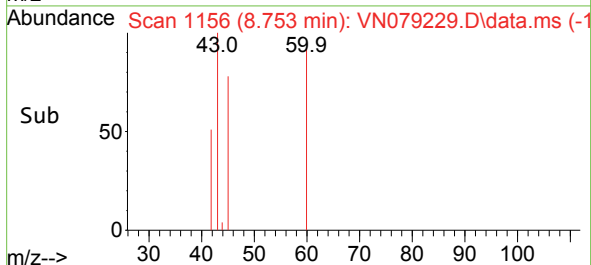
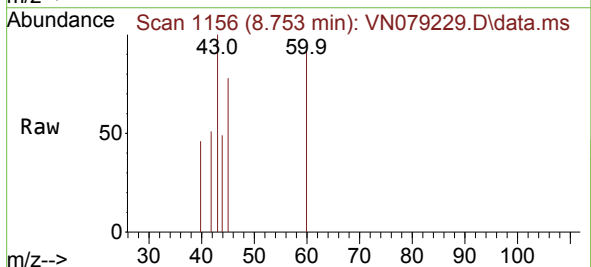


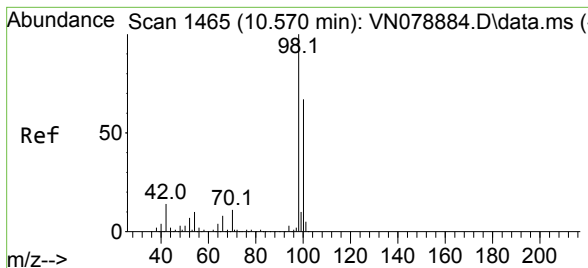
Tgt Ion:117 Resp: 13246
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.250 ug/l
RT: 8.753 min Scan# 1156
Delta R.T. 0.059 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

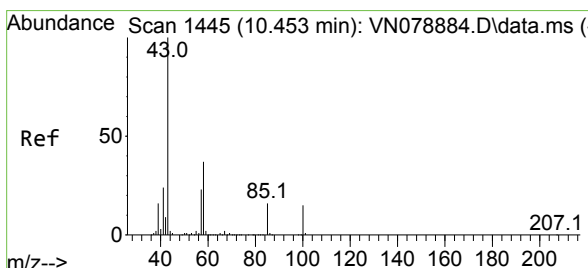
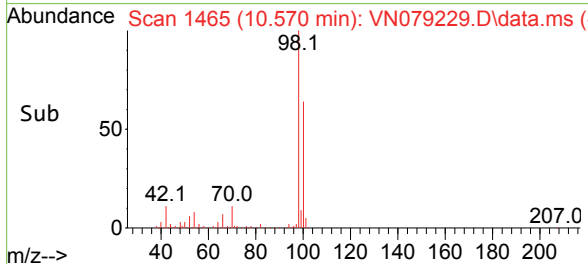
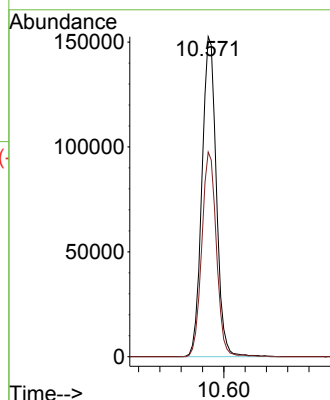
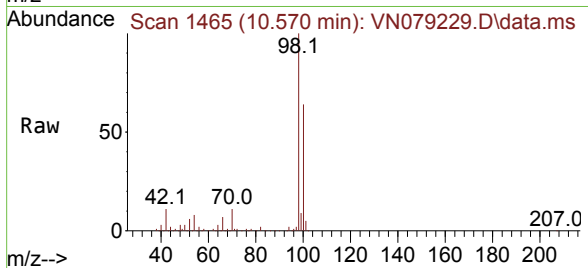




#50
Toluene-d8
Concen: 51.027 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

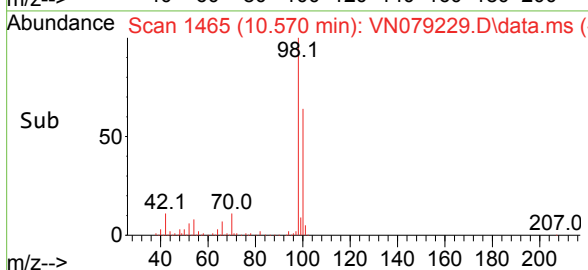
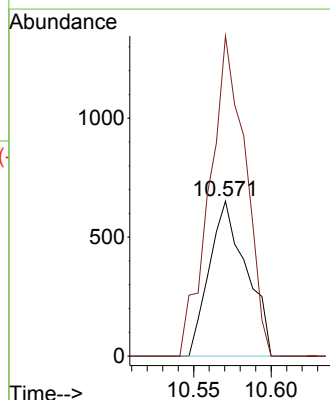
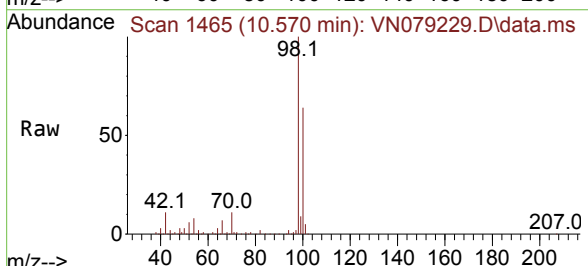
Instrument :
MSVOA_N
ClientSampleId :

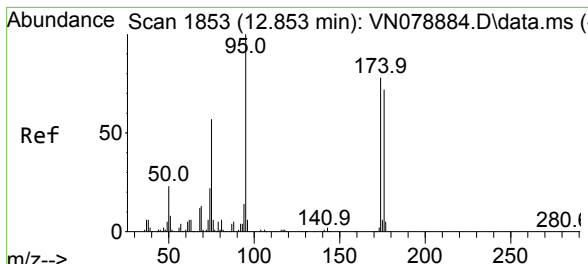
Tgt Ion: 98 Resp: 285783
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.117 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 199.7 36.6 54.8#

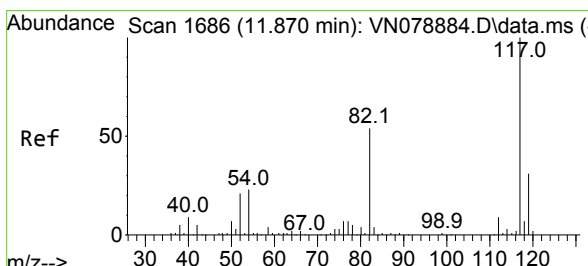
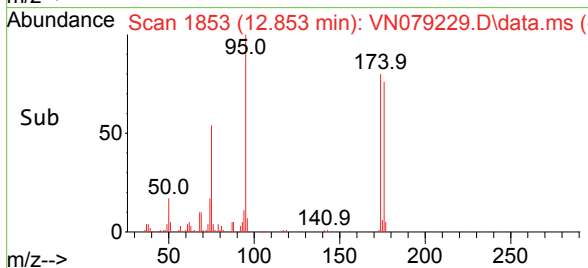
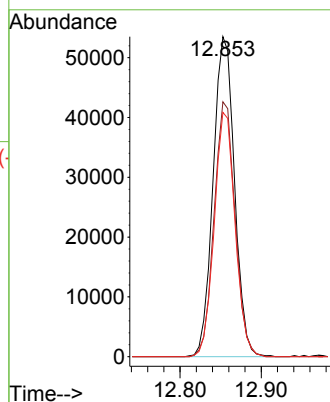
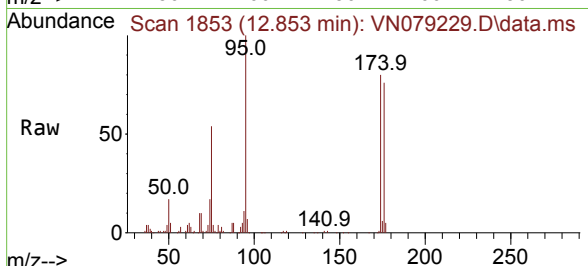




#62
4-Bromofluorobenzene
Concen: 54.823 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

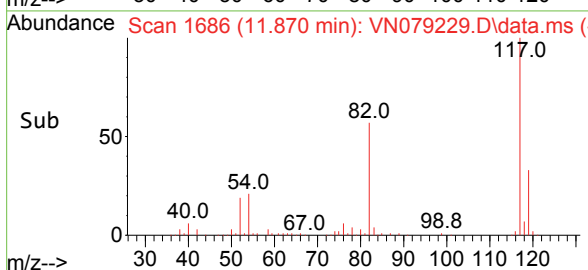
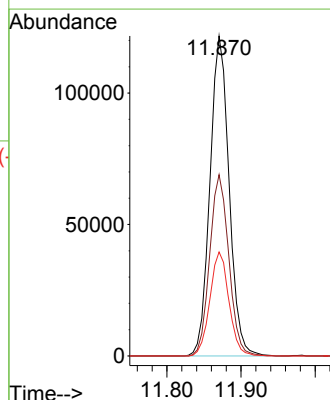
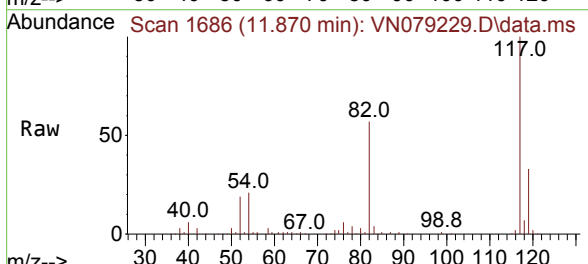
Instrument :
MSVOA_N
ClientSampleId :

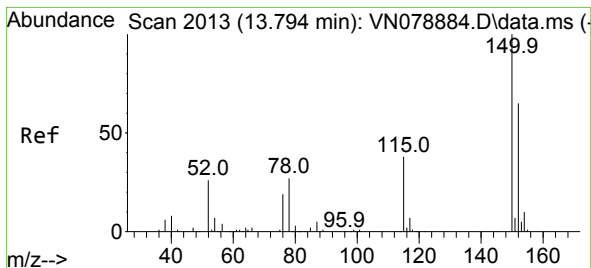
Tgt Ion:	95	Resp:	97941
Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	143.8
176	74.6	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Tgt Ion:	117	Resp:	218434
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.0	66.0
119	32.5	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: VN079229.D

Acq: 11 Sep 2023 20:18

Instrument :

MSVOA_N

ClientSampleId :

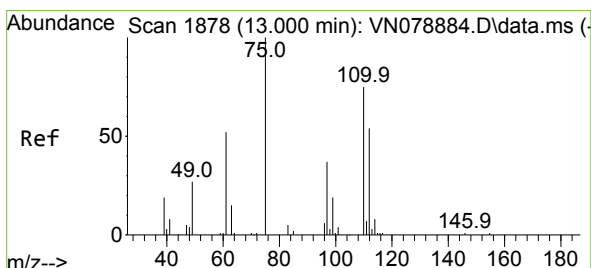
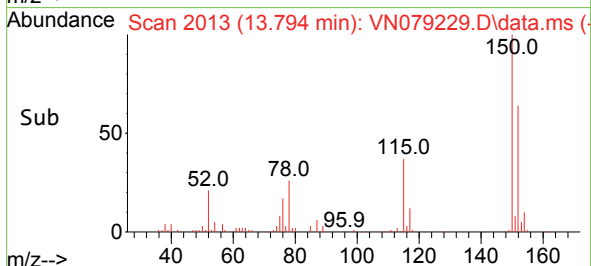
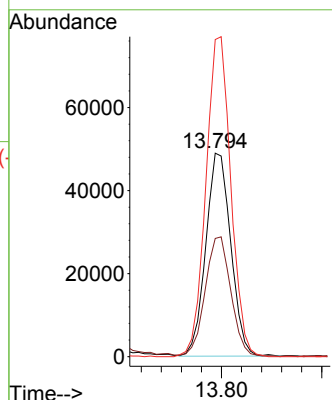
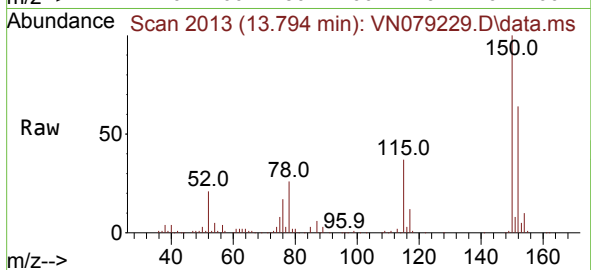
Tgt Ion:152 Resp: 84828

Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 156.8 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 21.834 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079229.D

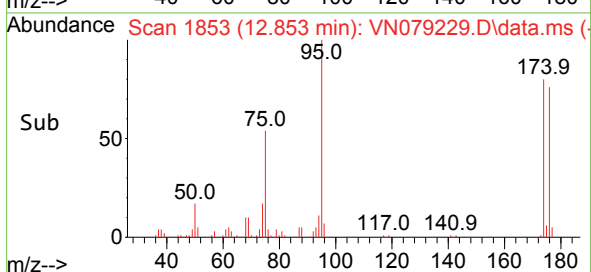
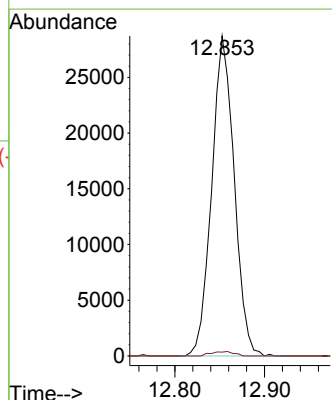
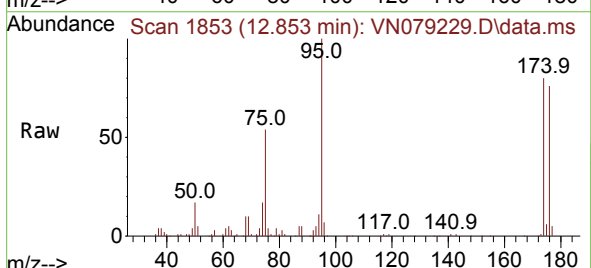
Acq: 11 Sep 2023 20:18

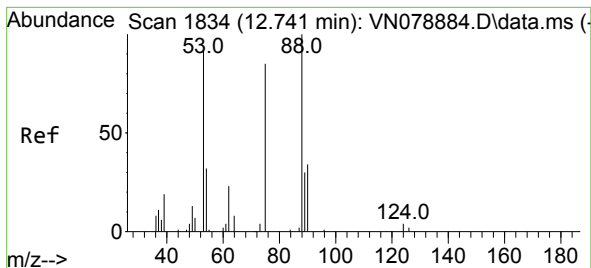
Tgt Ion: 75 Resp: 49917

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#

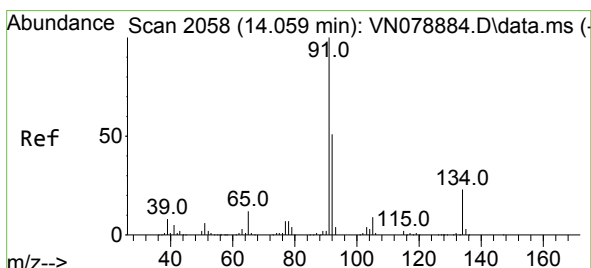
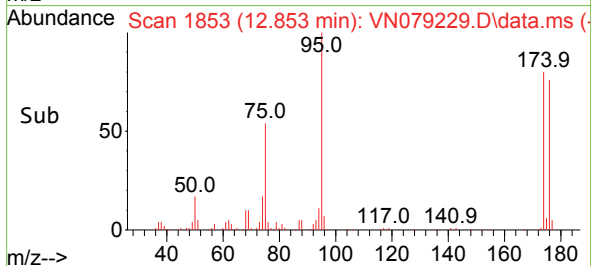
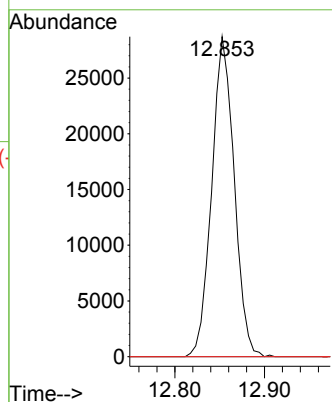
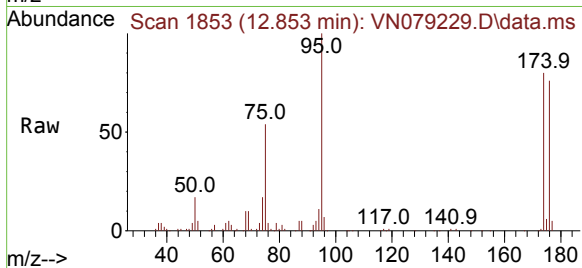




#81
trans-1,4-Dichloro-2-butene
Concen: 60.026 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

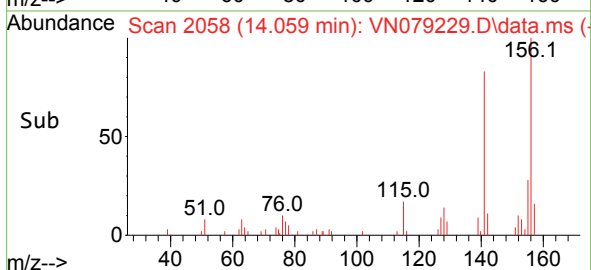
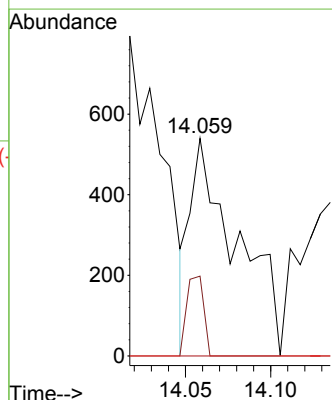
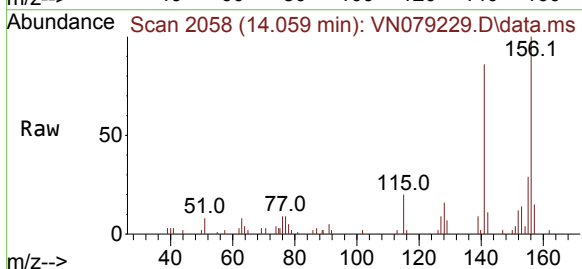
Instrument :
MSVOA_N
ClientSampleId :

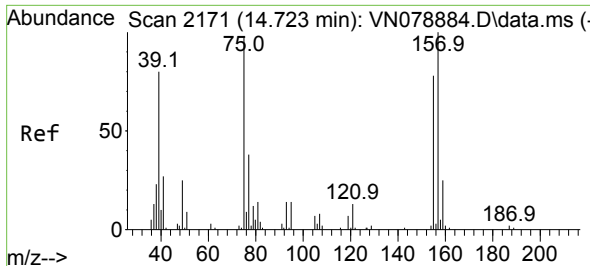
Tgt Ion: 75 Resp: 49917
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#89
n-Butylbenzene
Concen: 0.224 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Tgt Ion: 91 Resp: 1032
Ion Ratio Lower Upper
91 100
92 13.3 26.4 79.0#
134 0.0 12.6 37.6#

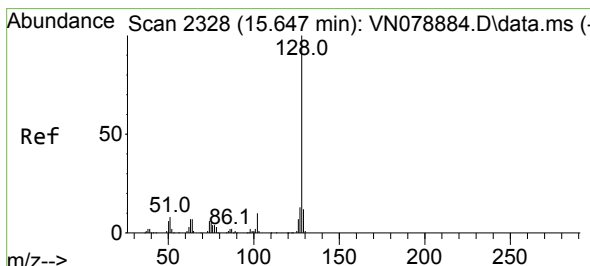
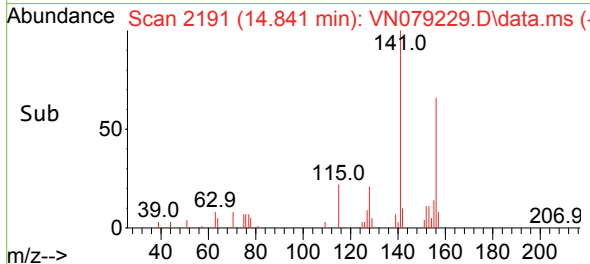
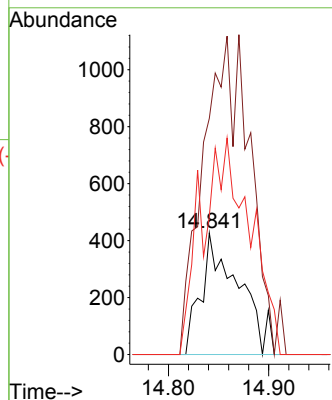
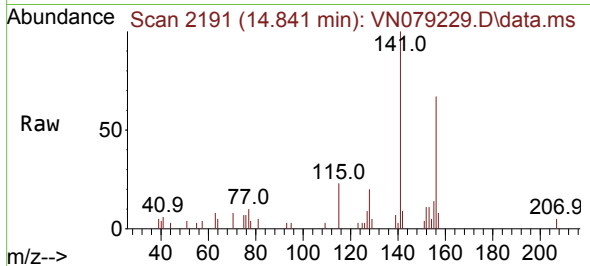




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.552 ug/l
RT: 14.841 min Scan# 2171
Delta R.T. 0.118 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 1115
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 46.3 50.3 150.9#



#95
Naphthalene
Concen: 7.392 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079229.D
Acq: 11 Sep 2023 20:18

Tgt Ion: 128 Resp: 24965
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 12.8 8.7 13.1

