

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079872.D
 Acq On : 04 Nov 2023 03:10
 Operator : JC\MD
 Sample : 05223-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 04:47:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

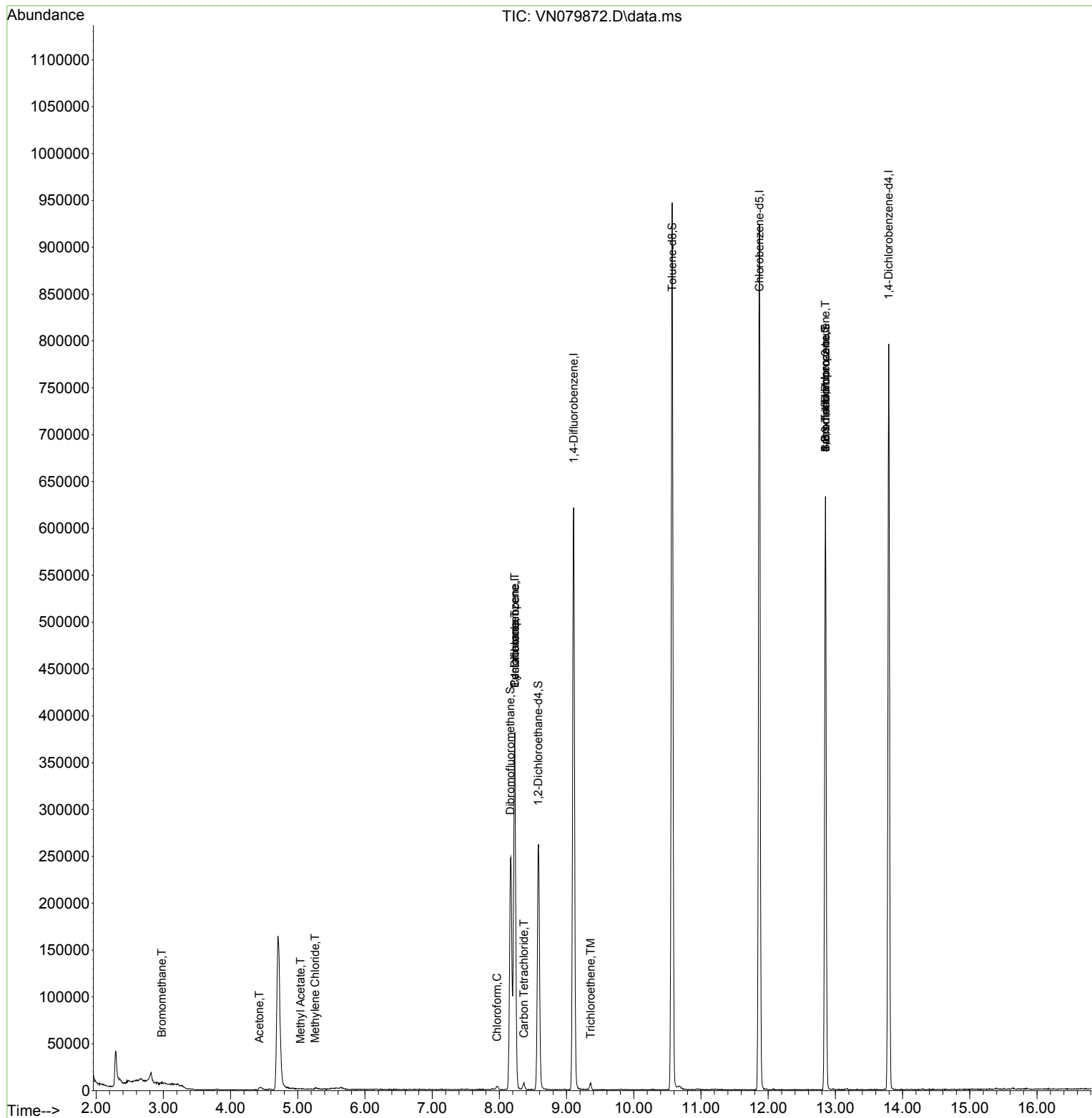
Internal Standards						
1) Pentafluorobenzene	8.230	168	259468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	513166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	216400	54.742	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.480%	
35) Dibromofluoromethane	8.165	113	182844	50.266	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.540%	
50) Toluene-d8	10.571	98	628464	46.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.860%	
62) 4-Bromofluorobenzene	12.853	95	210306	47.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1413	Below Cal	#	87
5) Bromomethane	2.977	94	704	0.283	ug/l #	61
16) Acetone	4.430	43	2314	1.666	ug/l #	58
18) Methyl Acetate	5.042	43	1733	0.261	ug/l #	42
20) Methylene Chloride	5.259	84	804	0.229	ug/l #	48
30) Chloroform	7.965	83	3993	0.610	ug/l	97
31) Cyclohexane	8.230	56	6921	1.325	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	23554	4.535	ug/l #	48
38) Carbon Tetrachloride	8.365	117	4397	0.840	ug/l #	79
44) Trichloroethene	9.359	130	2184	0.566	ug/l	100
71) Bromoform	12.853	173	1354	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	116760	24.737	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	116760	67.305	ug/l #	15

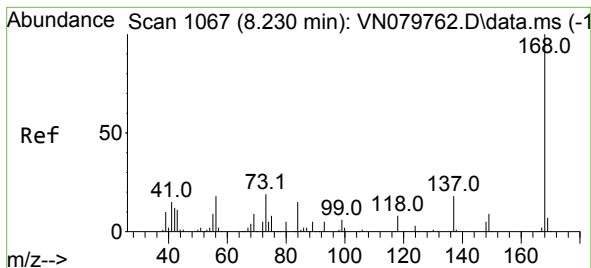
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.001 min

Lab File: VN079872.D

Acq: 04 Nov 2023 03:10

Instrument :

MSVOA_N

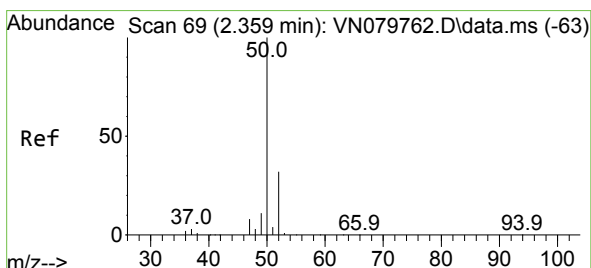
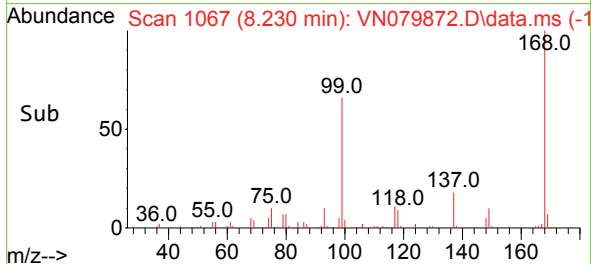
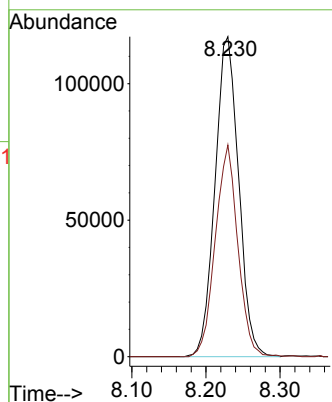
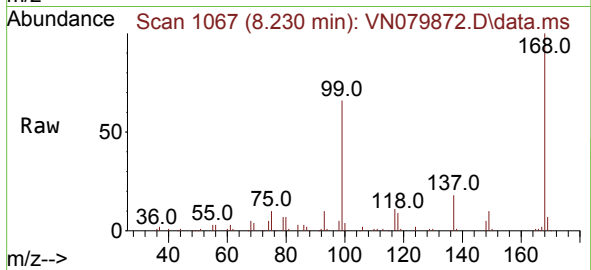
ClientSampleId :

Tgt Ion:168 Resp: 259468

Ion Ratio Lower Upper

168 100

99 66.1 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079872.D

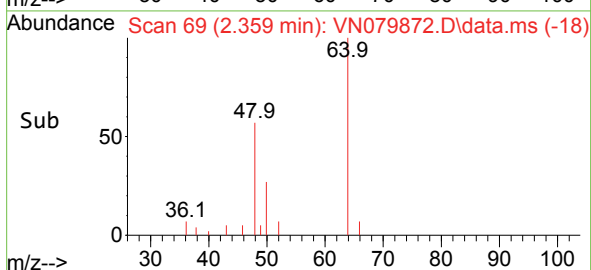
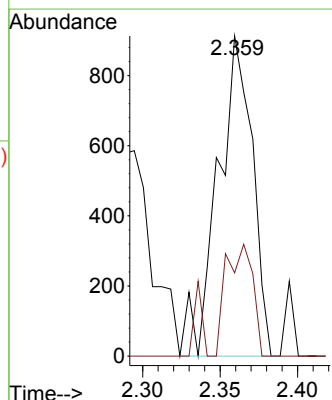
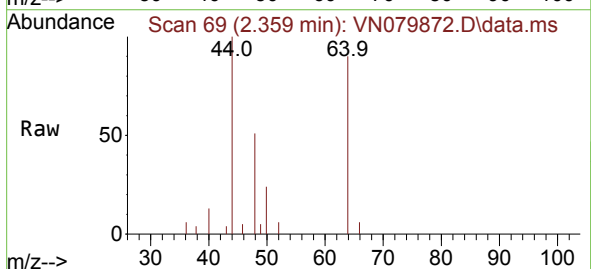
Acq: 04 Nov 2023 03:10

Tgt Ion: 50 Resp: 1413

Ion Ratio Lower Upper

50 100

52 26.0 26.5 39.7#

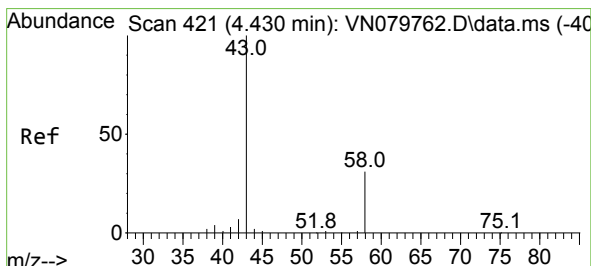
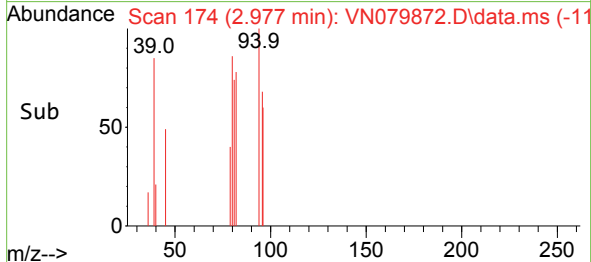
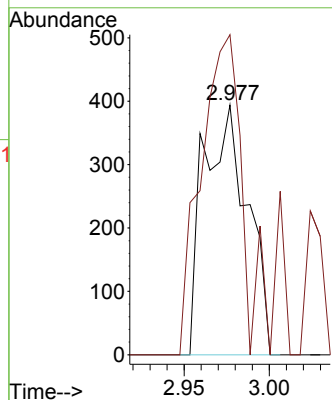
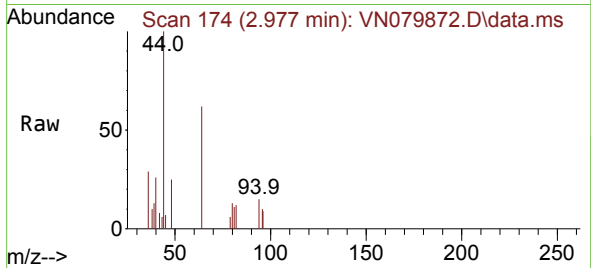




#5
Bromomethane
Concen: 0.283 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN079872.D
Acq: 04 Nov 2023 03:10

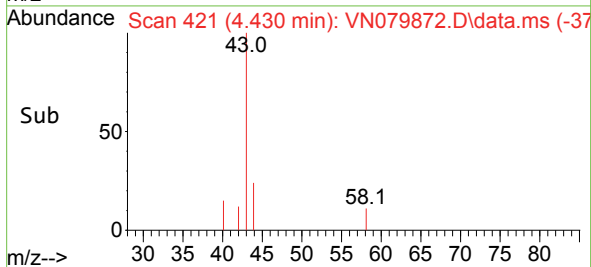
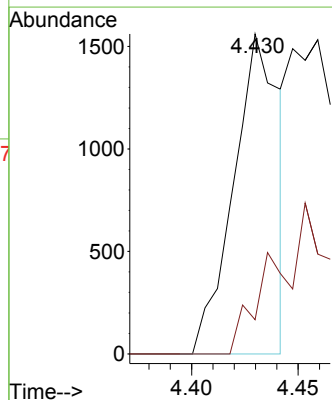
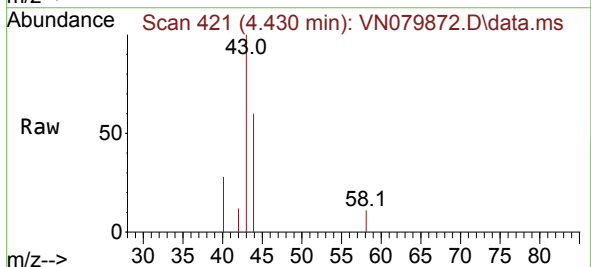
Instrument :
MSVOA_N
ClientSampleId :

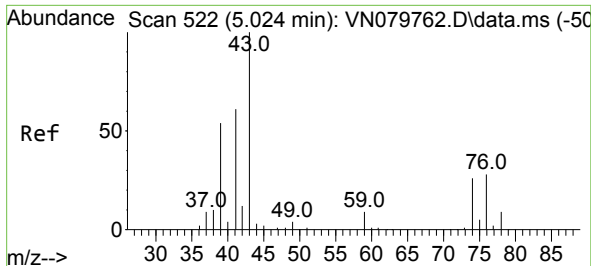
Tgt Ion: 94 Resp: 704
Ion Ratio Lower Upper
94 100
96 128.2 73.1 109.7#



#16
Acetone
Concen: 1.666 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079872.D
Acq: 04 Nov 2023 03:10

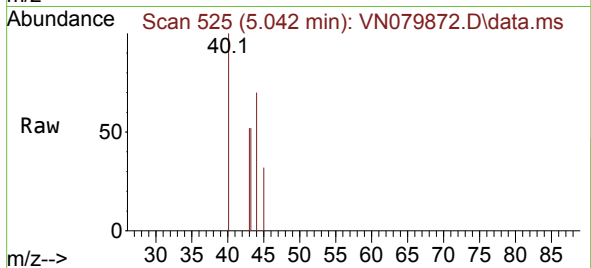
Tgt Ion: 43 Resp: 2314
Ion Ratio Lower Upper
43 100
58 10.7 28.0 42.0#



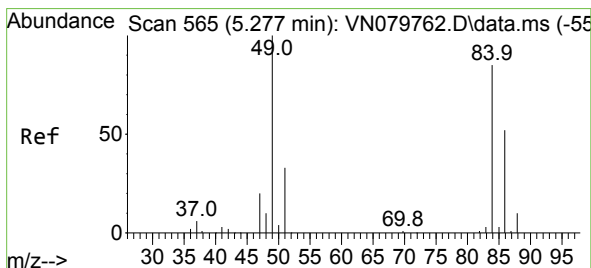
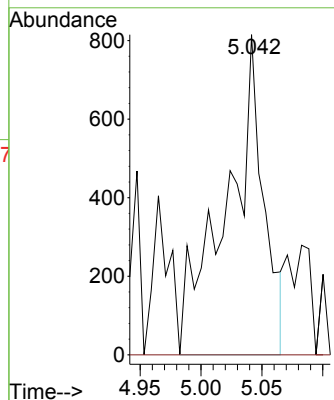


#18
Methyl Acetate
Concen: 0.261 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079872.D
Acq: 04 Nov 2023 03:10

Instrument :
MSVOA_N
ClientSampleId :

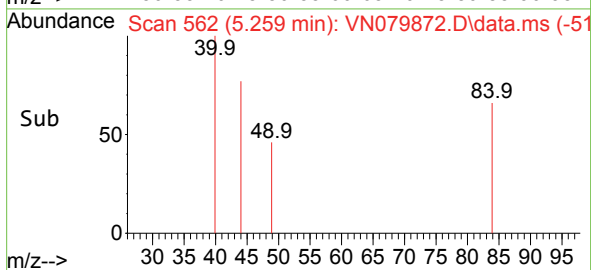
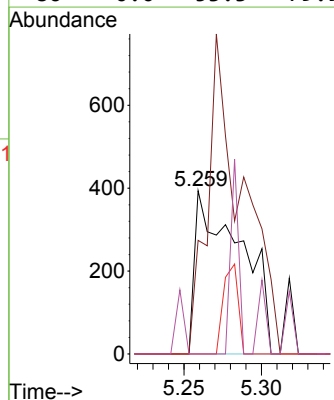
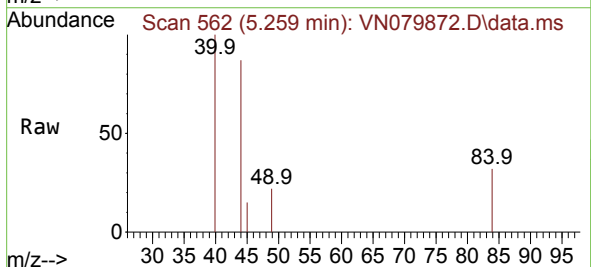


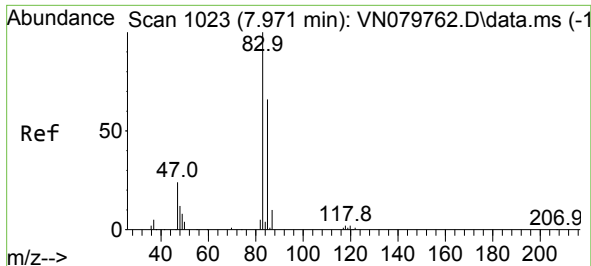
Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN079872.D
Acq: 04 Nov 2023 03:10

Tgt Ion: 84 Resp: 804
Ion Ratio Lower Upper
84 100
49 69.5 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#





#30

Chloroform

Concen: 0.610 ug/l

RT: 7.965 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079872.D

Acq: 04 Nov 2023 03:10

Instrument :

MSVOA_N

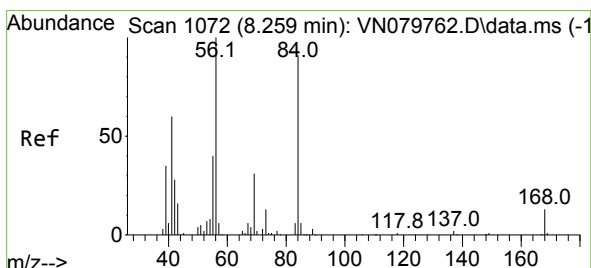
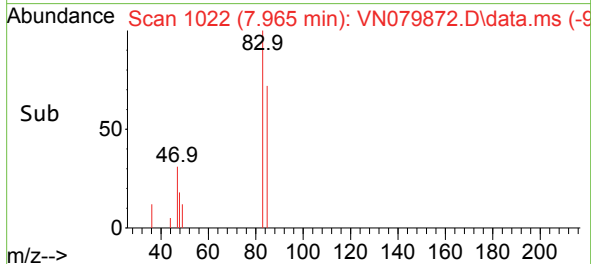
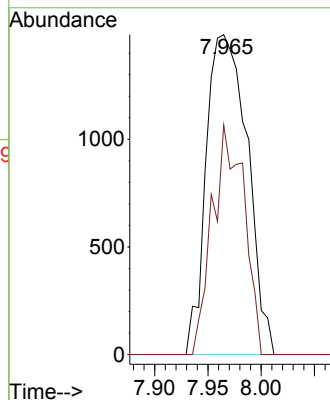
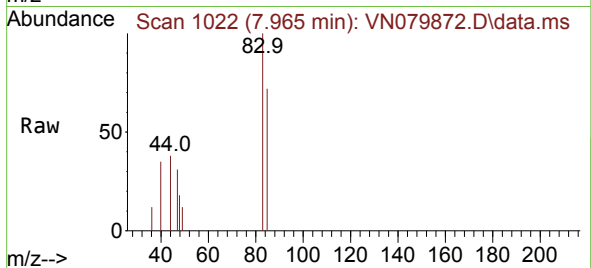
ClientSampleId :

Tgt Ion: 83 Resp: 3993

Ion Ratio Lower Upper

83 100

85 71.7 55.4 83.0



#31

Cyclohexane

Concen: 1.325 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN079872.D

Acq: 04 Nov 2023 03:10

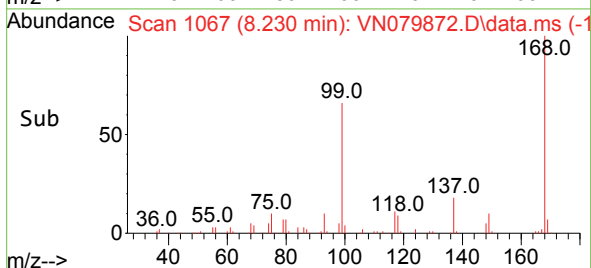
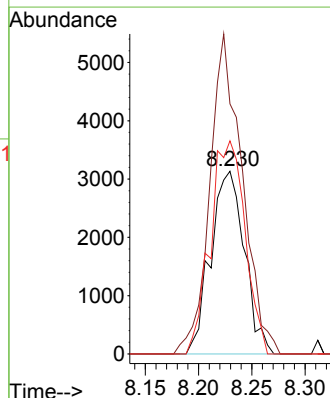
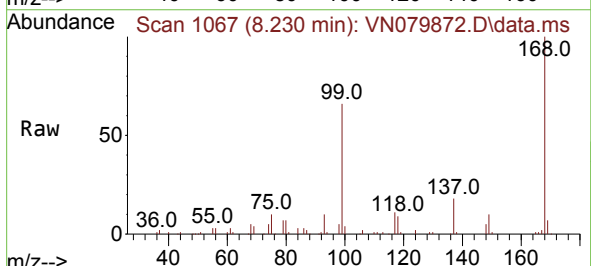
Tgt Ion: 56 Resp: 6921

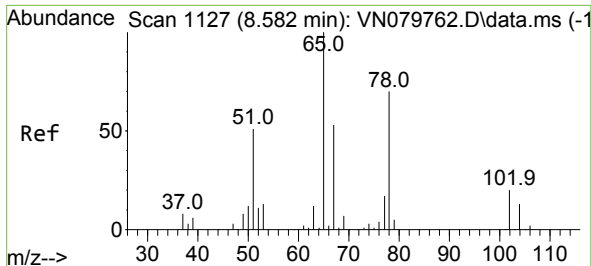
Ion Ratio Lower Upper

56 100

69 136.9 26.8 40.2#

84 116.7 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 54.742 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079872.D

Acq: 04 Nov 2023 03:10

Instrument :

MSVOA_N

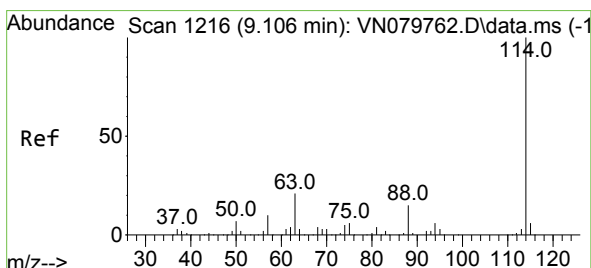
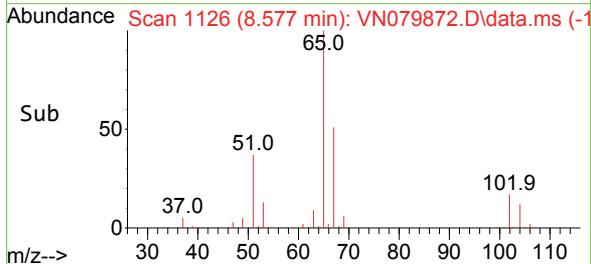
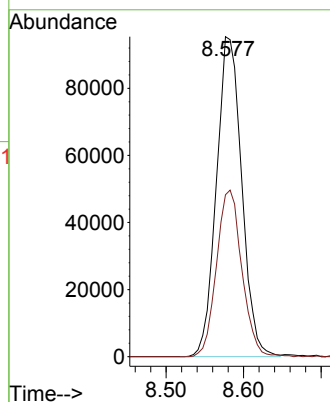
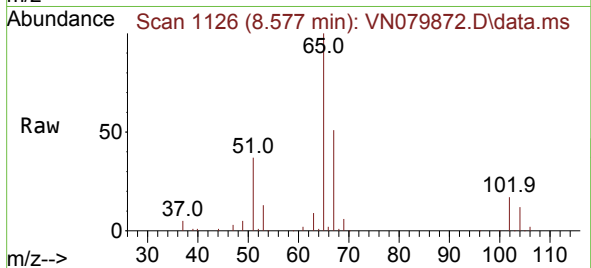
ClientSampleId :

Tgt Ion: 65 Resp: 216400

Ion Ratio Lower Upper

65 100

67 52.2 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: VN079872.D

Acq: 04 Nov 2023 03:10

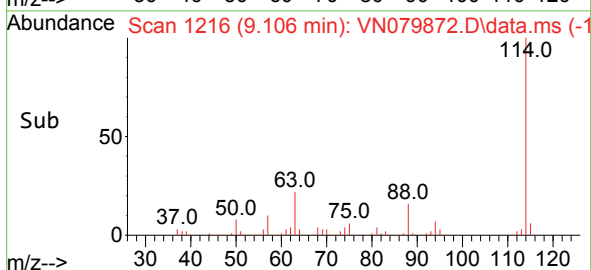
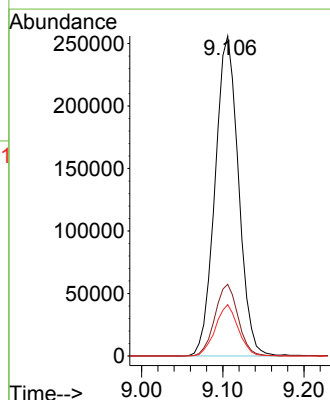
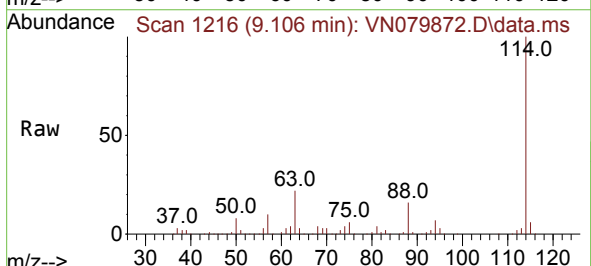
Tgt Ion: 114 Resp: 513950

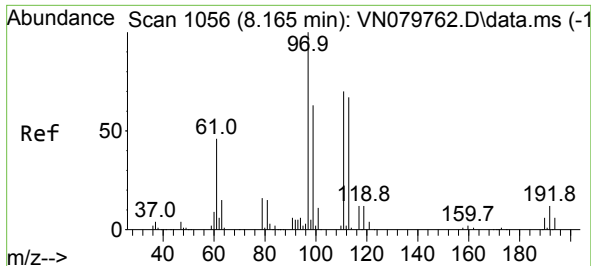
Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

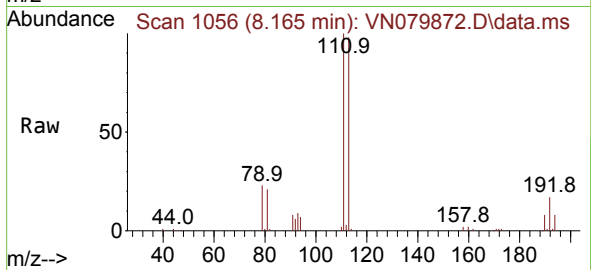
88 16.1 0.0 30.6



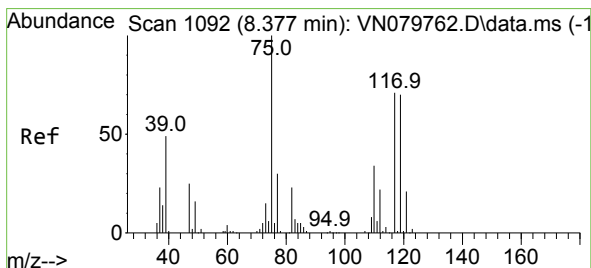
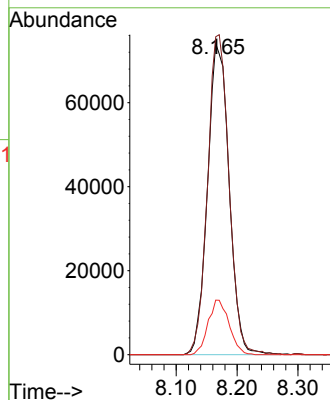
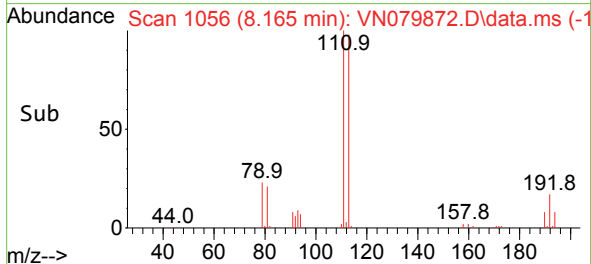


#35
Dibromofluoromethane
Concen: 50.266 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079872.D
Acq: 04 Nov 2023 03:10

Instrument :
MSVOA_N
ClientSampleId :

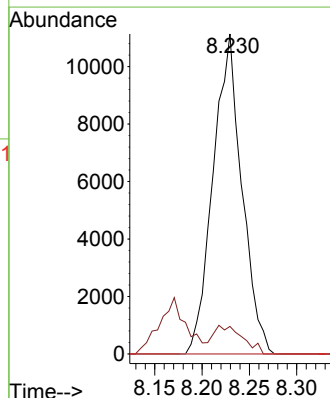
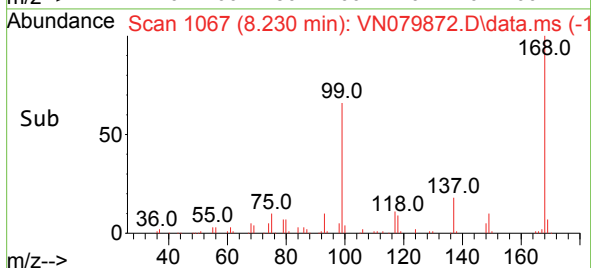
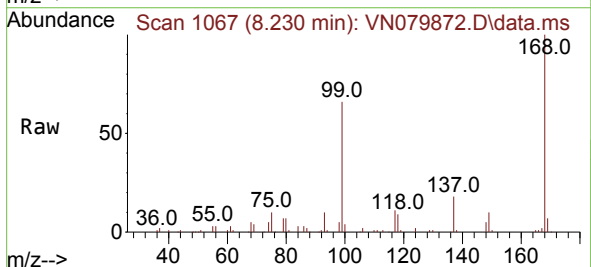


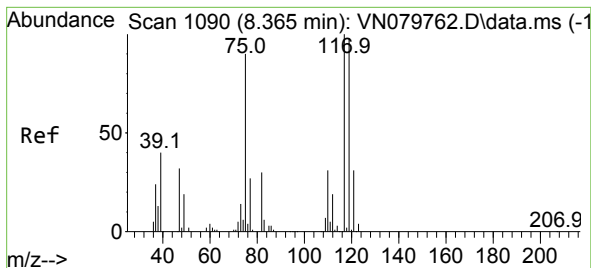
Tgt Ion:113 Resp: 182844
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079872.D
Acq: 04 Nov 2023 03:10

Tgt Ion: 75 Resp: 23554
Ion Ratio Lower Upper
75 100
110 9.4 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 0.840 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

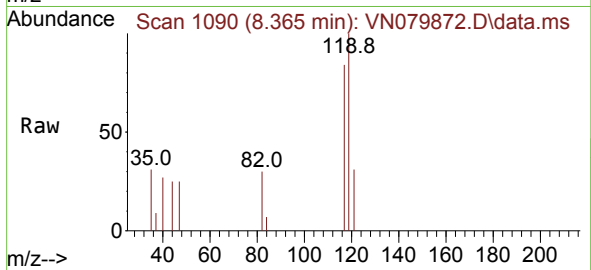
Lab File: VN079872.D

Acq: 04 Nov 2023 03:10

Instrument :

MSVOA_N

ClientSampleId :



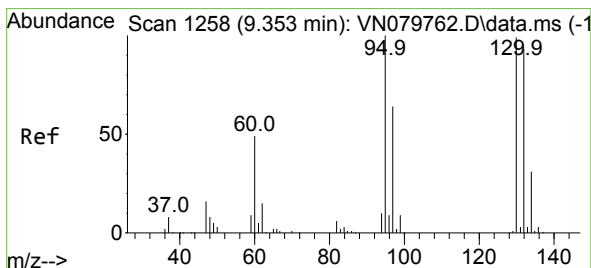
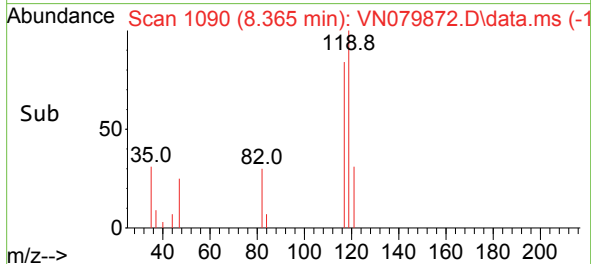
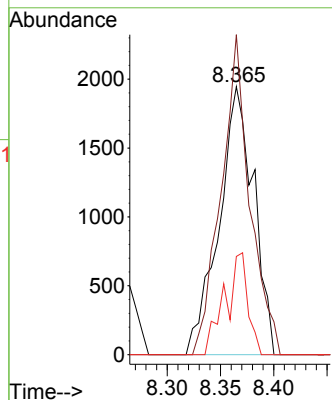
Tgt Ion:117 Resp: 4397

Ion Ratio Lower Upper

117 100

119 119.4 77.3 115.9#

121 36.6 23.3 34.9#



#44

Trichloroethene

Concen: 0.566 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN079872.D

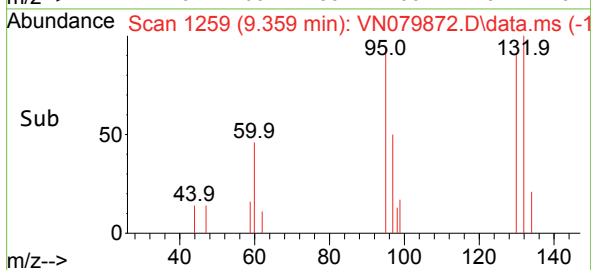
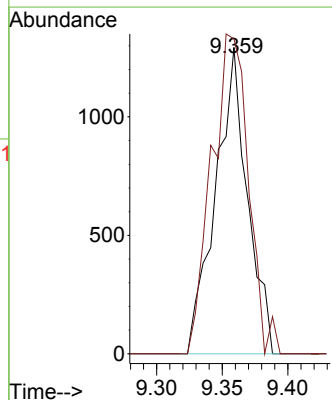
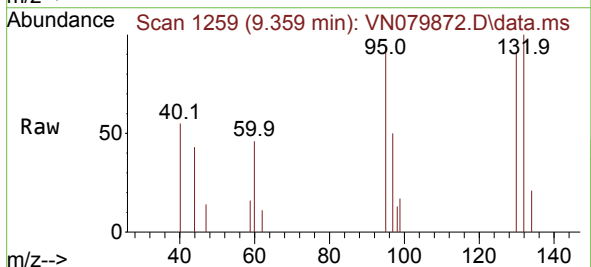
Acq: 04 Nov 2023 03:10

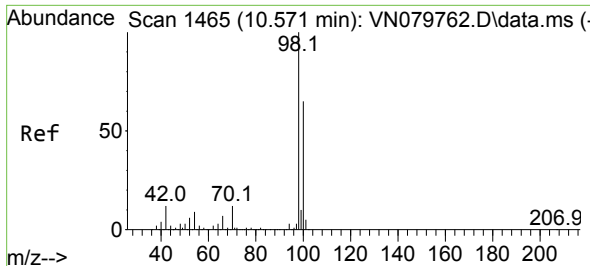
Tgt Ion:130 Resp: 2184

Ion Ratio Lower Upper

130 100

95 102.8 0.0 204.6

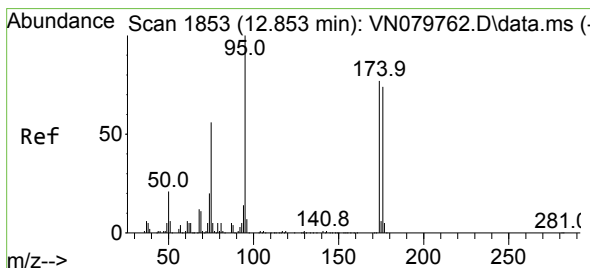
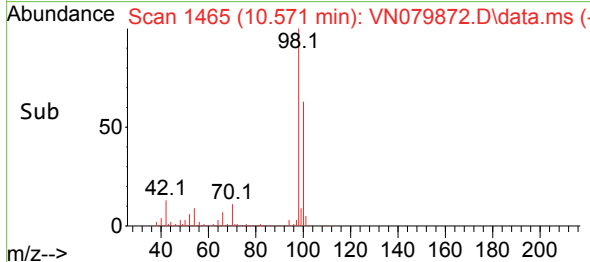
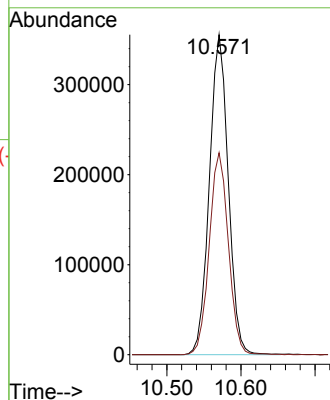
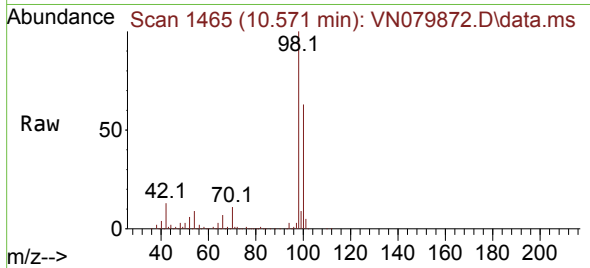




#50
Toluene-d8
Concen: 46.932 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079872.D
Acq: 04 Nov 2023 03:10

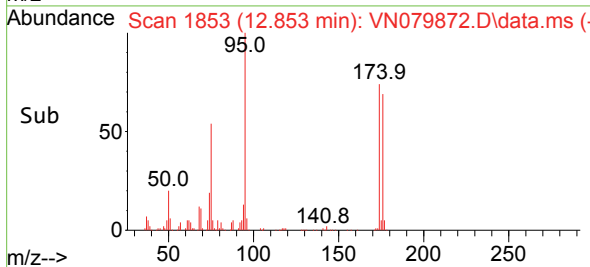
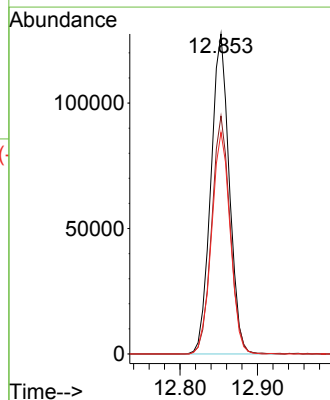
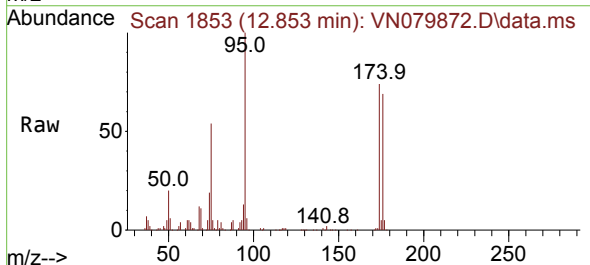
Instrument :
MSVOA_N
ClientSampleId :

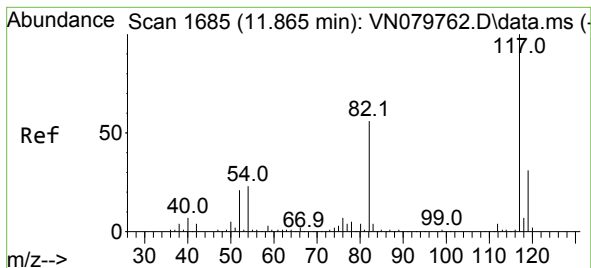
Tgt Ion: 98 Resp: 628464
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.354 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079872.D
Acq: 04 Nov 2023 03:10

Tgt Ion: 95 Resp: 210306
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 70.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079872.D

Acq: 04 Nov 2023 03:10

Instrument :

MSVOA_N

ClientSampleId :

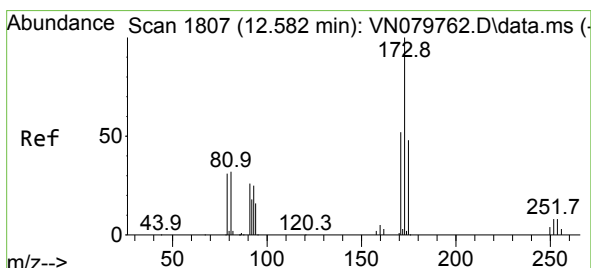
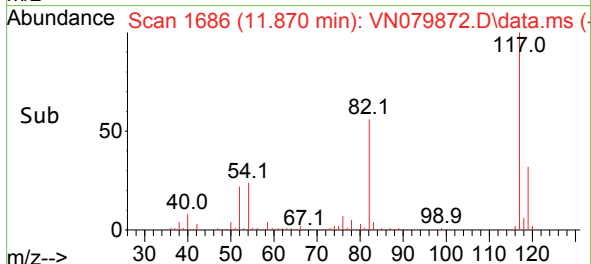
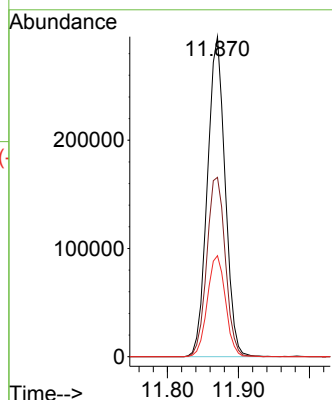
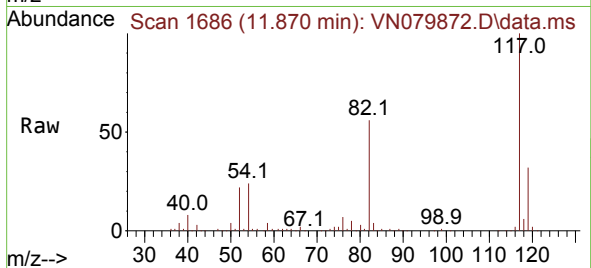
Tgt Ion:117 Resp: 513166

Ion Ratio Lower Upper

117 100

82 56.1 44.0 66.0

119 31.6 25.6 38.4



#71

Bromoform

Concen: 0.475 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN079872.D

Acq: 04 Nov 2023 03:10

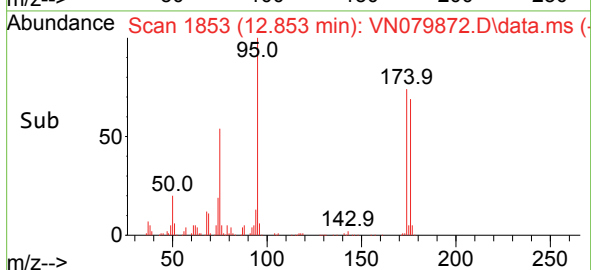
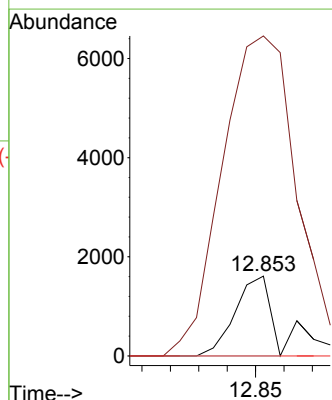
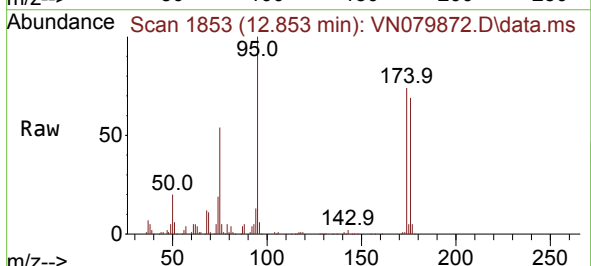
Tgt Ion:173 Resp: 1354

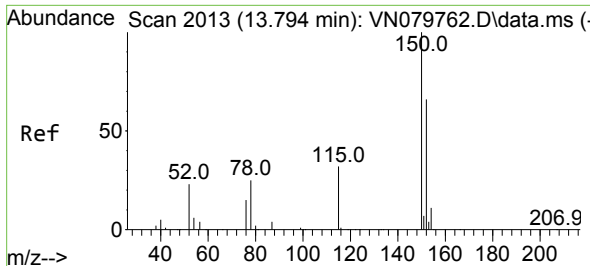
Ion Ratio Lower Upper

173 100

175 715.7 24.3 73.0#

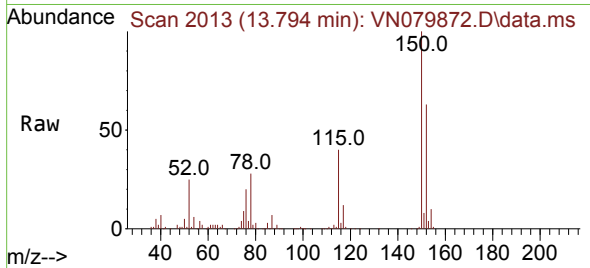
254 0.0 0.0 0.0



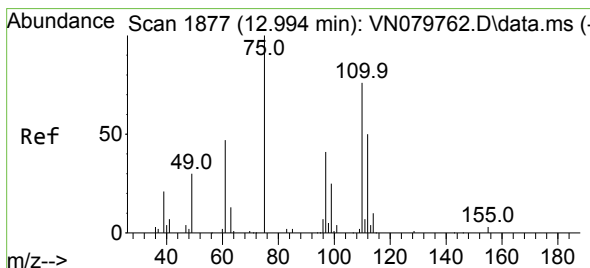
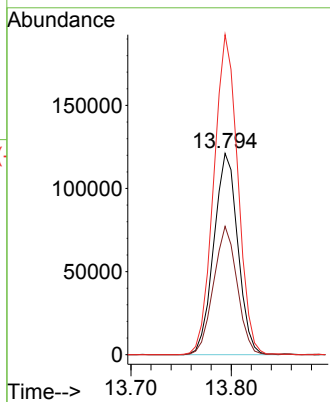
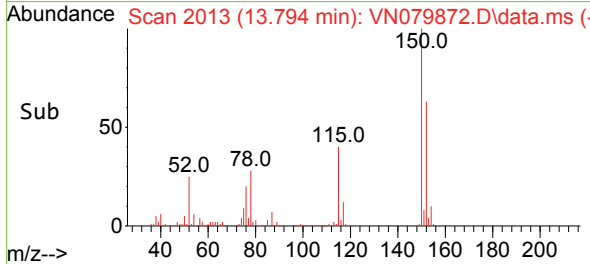


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079872.D
 Acq: 04 Nov 2023 03:10

Instrument :
 MSVOA_N
 ClientSampleId :

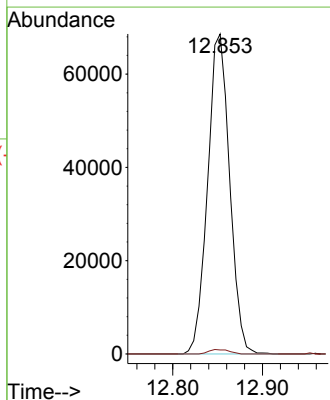
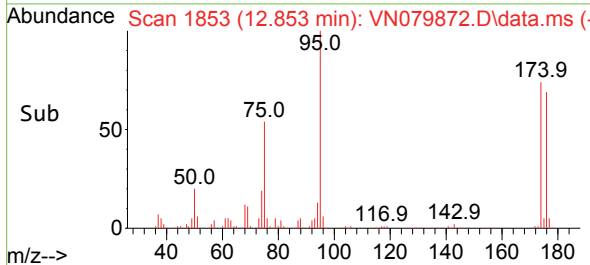
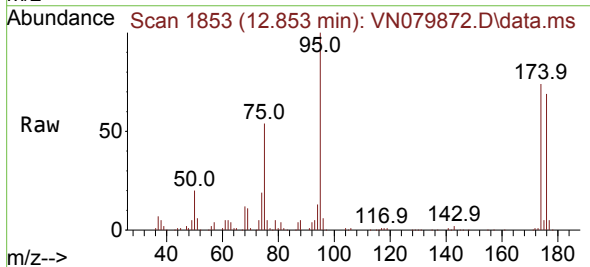


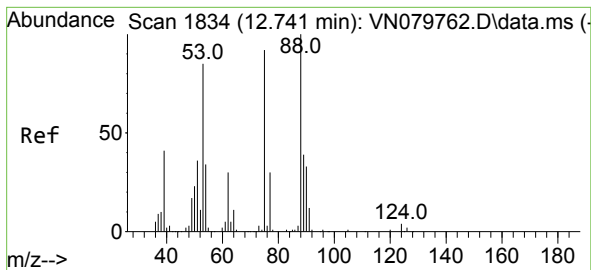
Tgt Ion:152 Resp: 201046
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 159.6 0.0 355.8



#76
 1,2,3-Trichloropropane
 Concen: 24.737 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN079872.D
 Acq: 04 Nov 2023 03:10

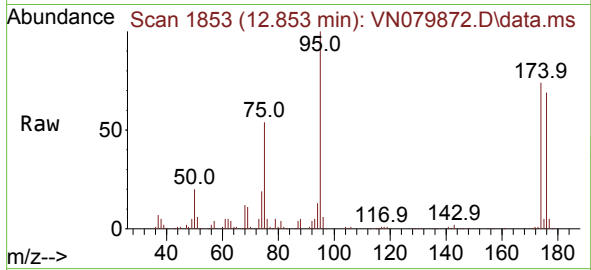
Tgt Ion: 75 Resp: 116760
 Ion Ratio Lower Upper
 75 100
 77 1.3 84.5 253.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.305 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN079872.D
 Acq: 04 Nov 2023 03:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 116760
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.4 101.2#
 89 0.0 38.8 58.2#

