

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079053.D
 Acq On : 25 Aug 2023 16:32
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 23:05:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

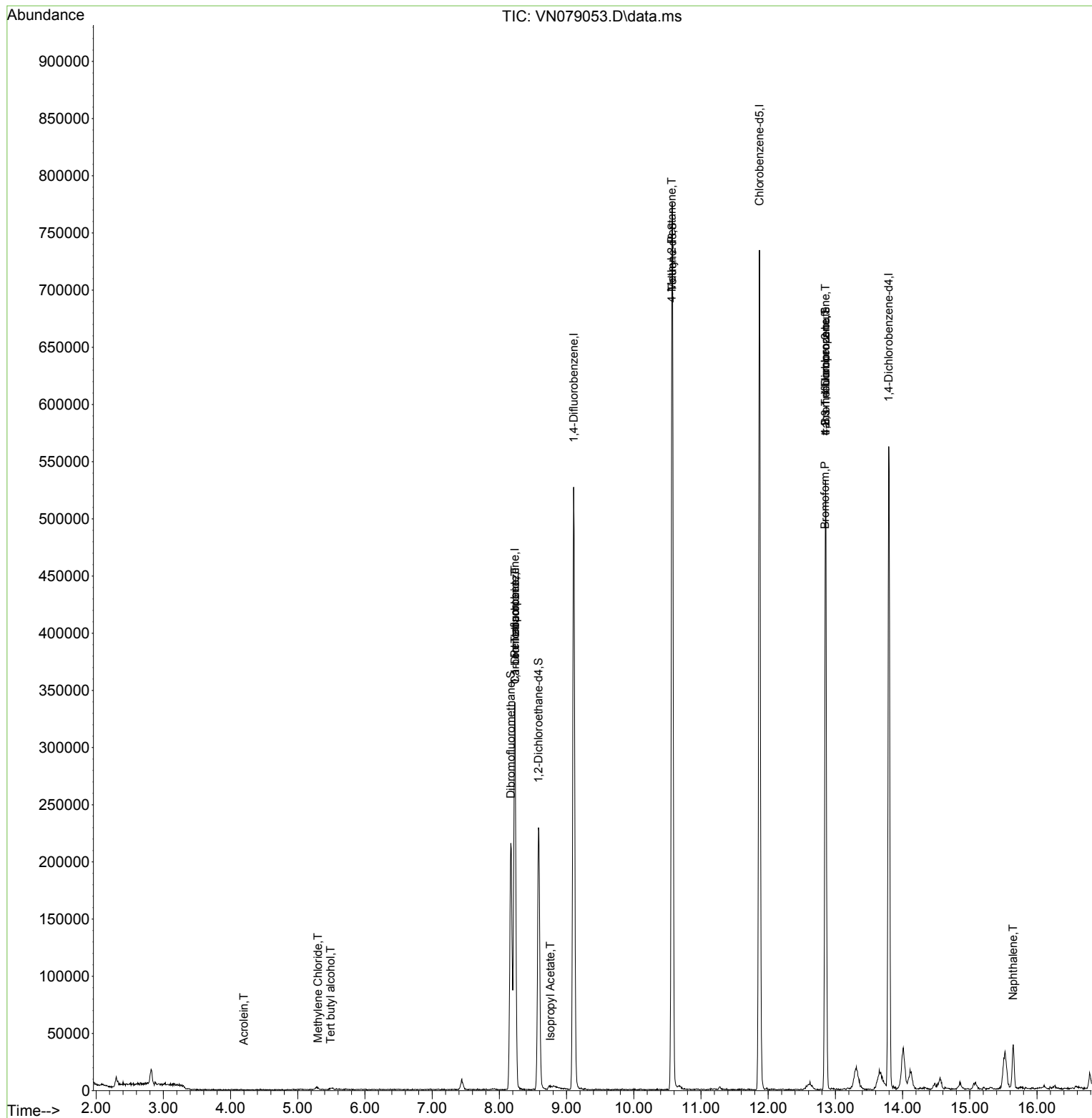
Internal Standards						
1) Pentafluorobenzene	8.230	168	243031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	446710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	414289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	184357	48.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.171	113	157081	52.238	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.480%
50) Toluene-d8	10.571	98	535172	47.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.853	95	178330	48.864	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.489	59	694	1.094	ug/l #	72
13) Acrolein	4.200	56	60	6.995	ug/l #	16
20) Methylene Chloride	5.300	84	1377	0.414	ug/l #	82
31) Cyclohexane	8.230	56	5915	Below Cal	#	34
36) 1,1-Dichloropropene	8.235	75	20522	4.537	ug/l #	46
38) Carbon Tetrachloride	8.235	117	26480	5.843	ug/l #	16
43) Isopropyl Acetate	8.759	43	3699	0.414	ug/l #	49
51) 4-Methyl-2-Pentanone	10.565	43	2872	0.541	ug/l #	1
71) Bromoform	12.847	173	887	0.366	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	98326	26.846	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	98326	68.580	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.676	75	158	Below Cal	#	4
95) Naphthalene	15.647	128	37627	7.670	ug/l	98

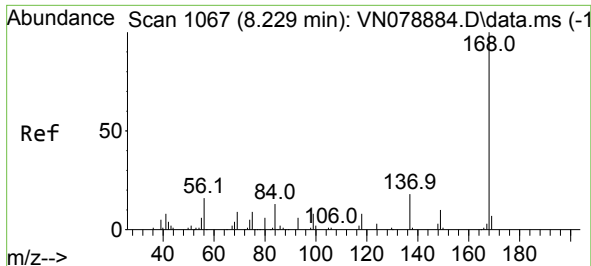
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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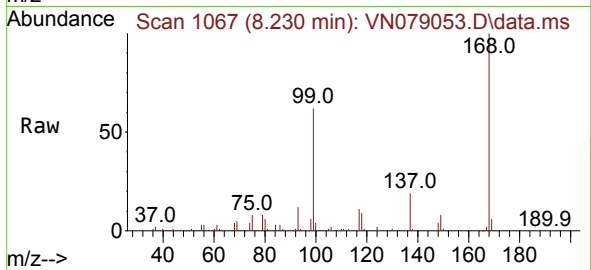
Quant Time: Aug 25 23:05:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration



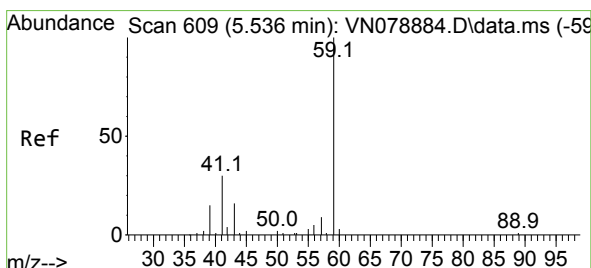
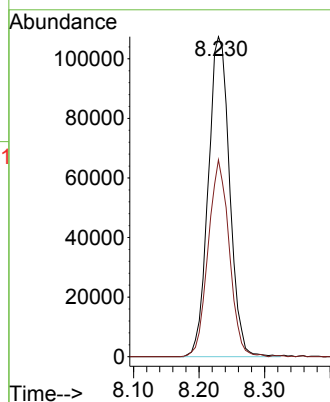
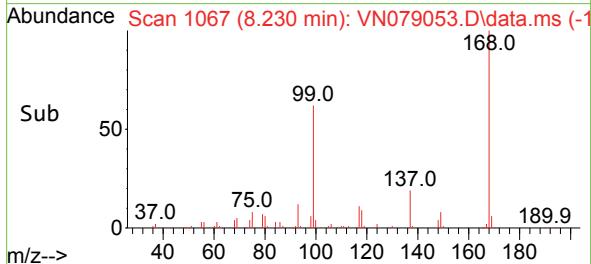


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :

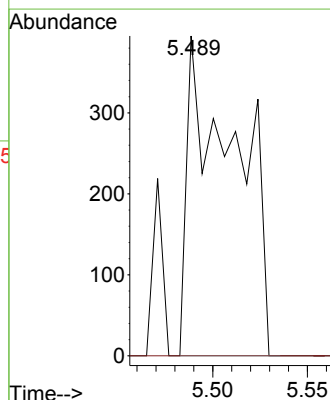
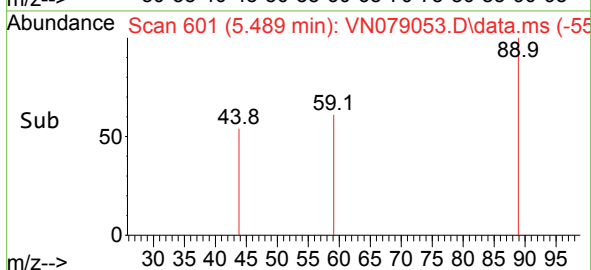
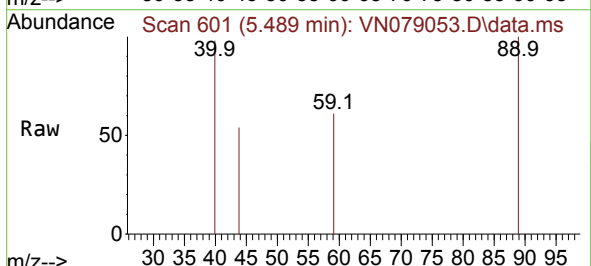


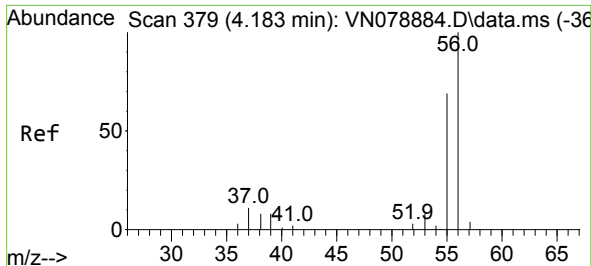
Tgt Ion:168 Resp: 243031
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#11
Tert butyl alcohol
Concen: 1.094 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.053 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

Tgt Ion: 59 Resp: 694
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 6.995 ug/l

RT: 4.200 min Scan# 31

Delta R.T. 0.005 min

Lab File: VN079053.D

Acq: 25 Aug 2023 16:32

Instrument :

MSVOA_N

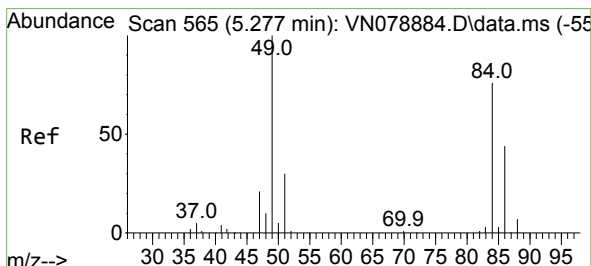
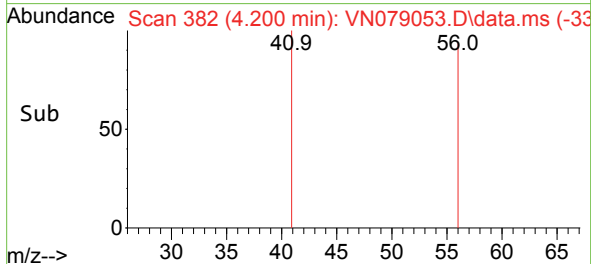
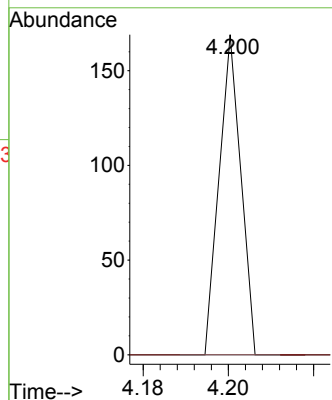
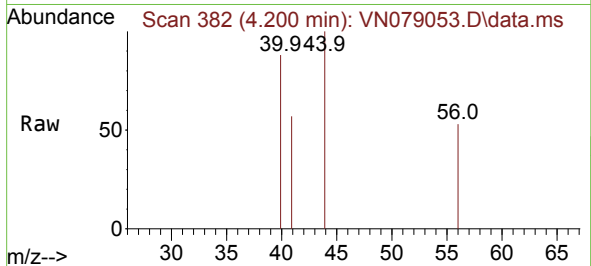
ClientSampleId :

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#20

Methylene Chloride

Concen: 0.414 ug/l

RT: 5.300 min Scan# 569

Delta R.T. 0.017 min

Lab File: VN079053.D

Acq: 25 Aug 2023 16:32

Tgt Ion: 84 Resp: 1377

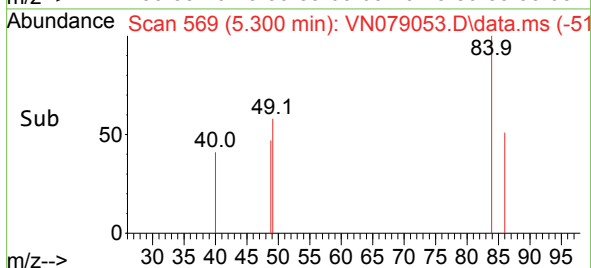
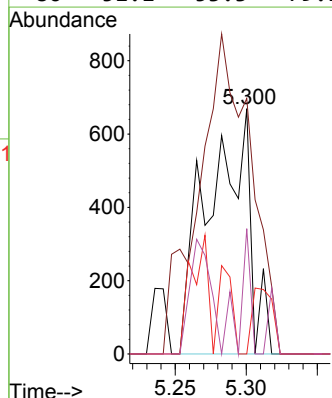
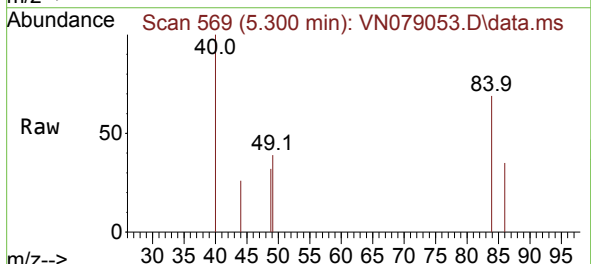
Ion Ratio Lower Upper

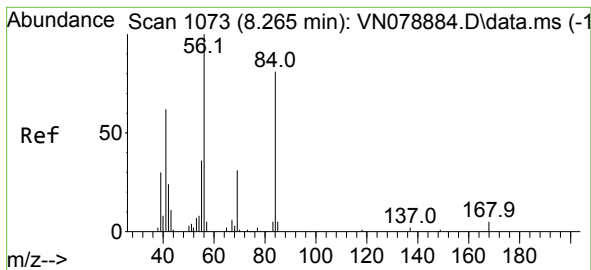
84 100

49 104.2 79.7 119.5

51 0.0 25.2 37.8#

86 51.1 53.3 79.9#





#31

Cyclohexane

Concen: Below Cal

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

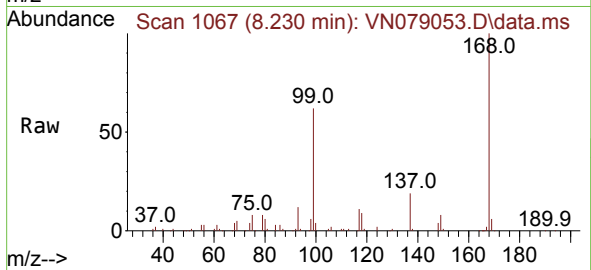
Lab File: VN079053.D

Acq: 25 Aug 2023 16:32

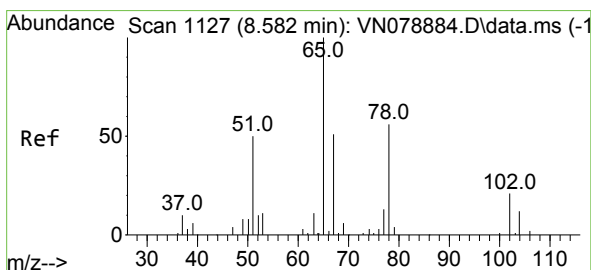
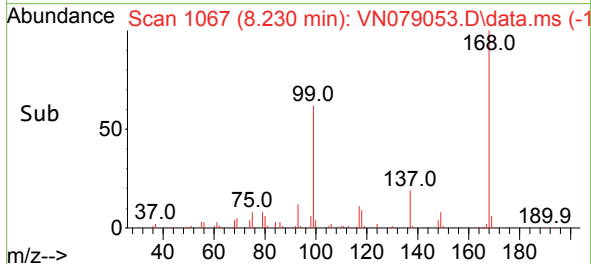
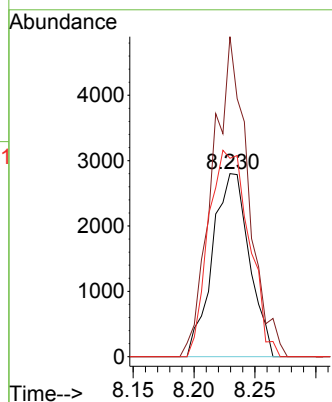
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	5915
Ion Ratio	Lower	Upper	
56	100		
69	174.8	26.8	40.2#
84	108.4	81.8	122.6



#33

1,2-Dichloroethane-d4

Concen: 48.749 ug/l

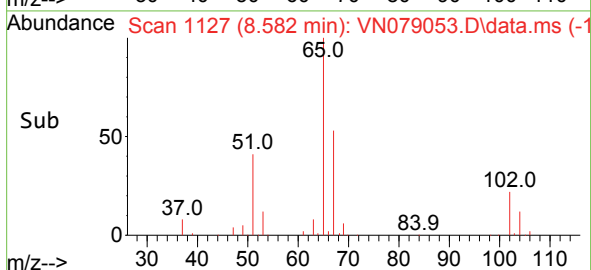
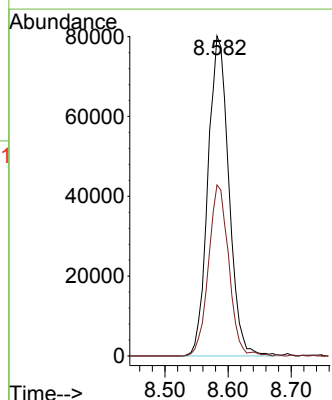
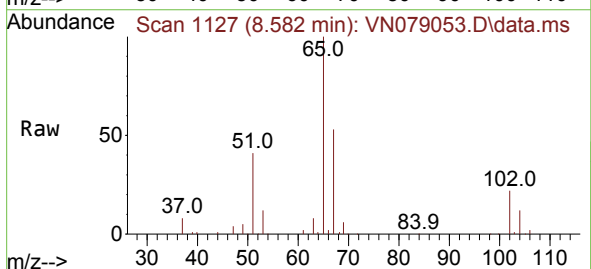
RT: 8.582 min Scan# 1127

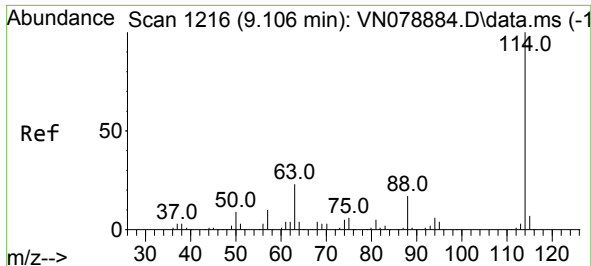
Delta R.T. -0.001 min

Lab File: VN079053.D

Acq: 25 Aug 2023 16:32

Tgt Ion:	65	Resp:	184357
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# 1

Delta R.T. -0.006 min

Lab File: VN079053.D

Acq: 25 Aug 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

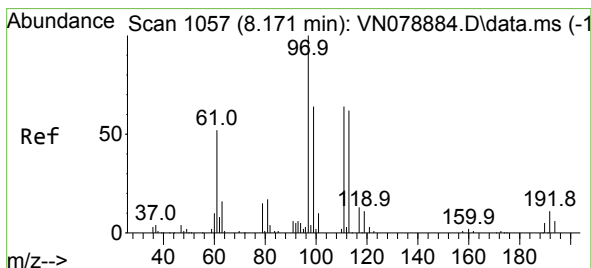
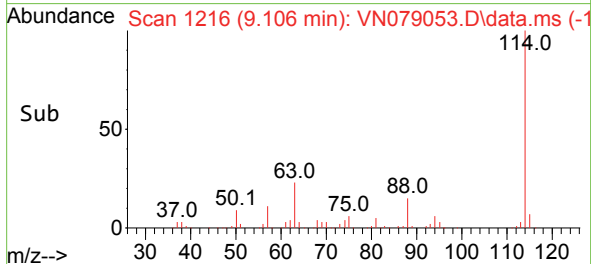
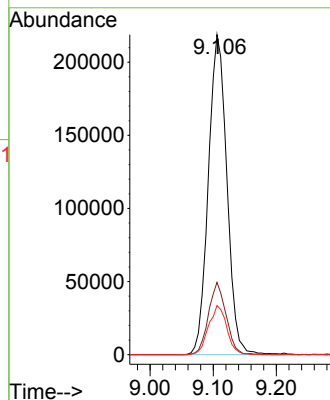
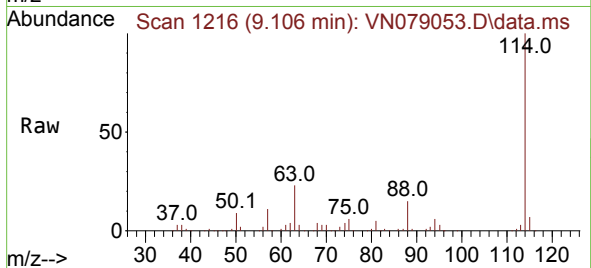
Tgt Ion:114 Resp: 446710

Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.238 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079053.D

Acq: 25 Aug 2023 16:32

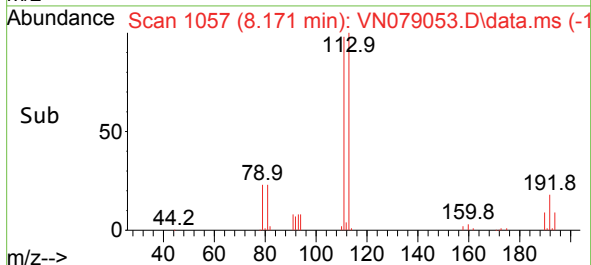
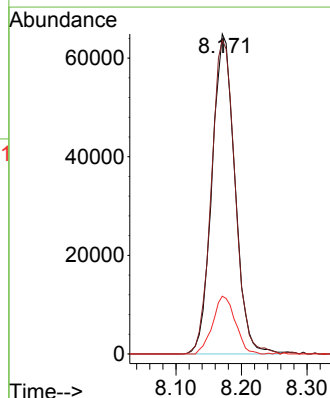
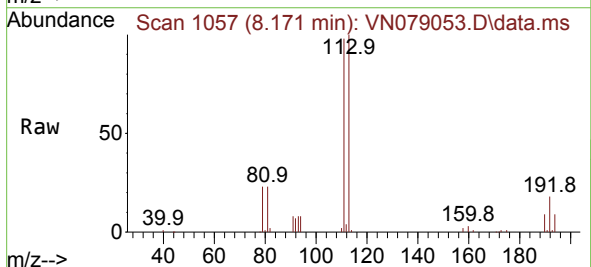
Tgt Ion:113 Resp: 157081

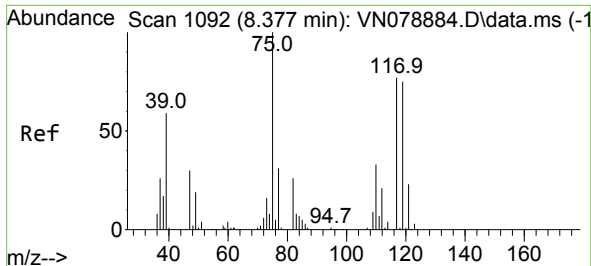
Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

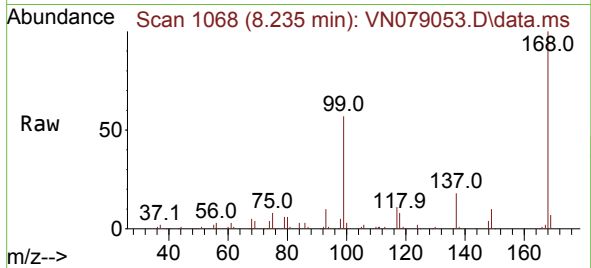
192 17.9 12.7 19.1



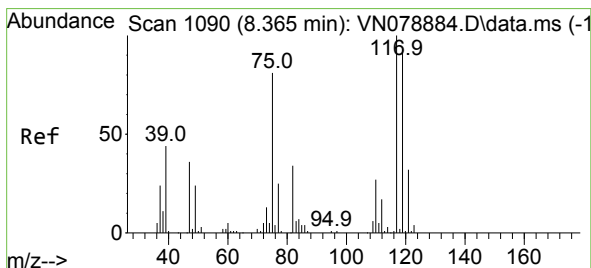
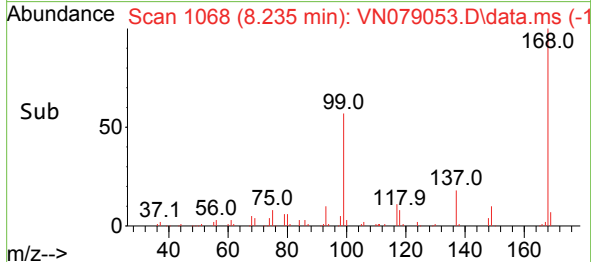
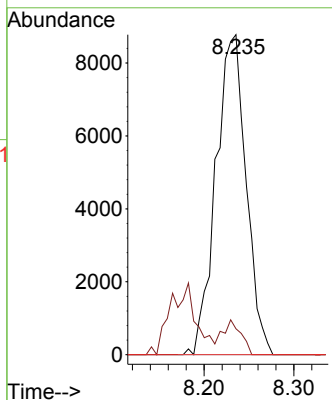


#36
1,1-Dichloropropene
Concen: 4.537 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :

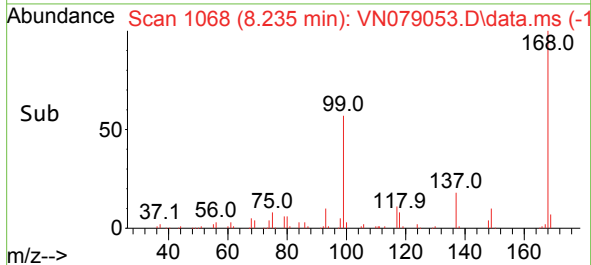
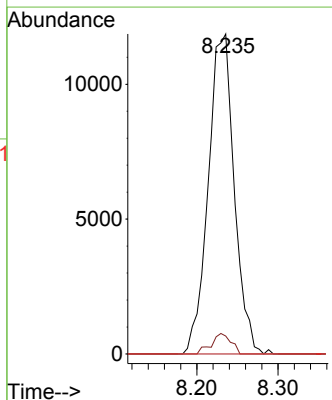
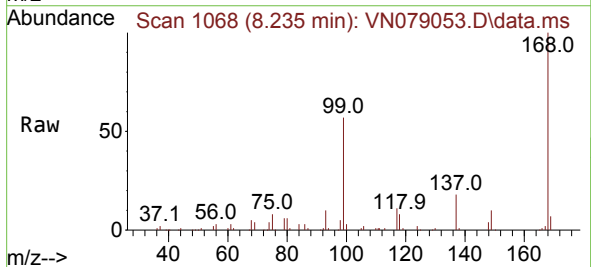


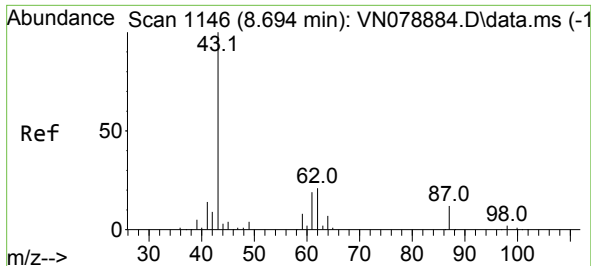
Tgt Ion: 75 Resp: 20522
Ion Ratio Lower Upper
75 100
110 6.6 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.843 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

Tgt Ion: 117 Resp: 26480
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 23.3 34.9#

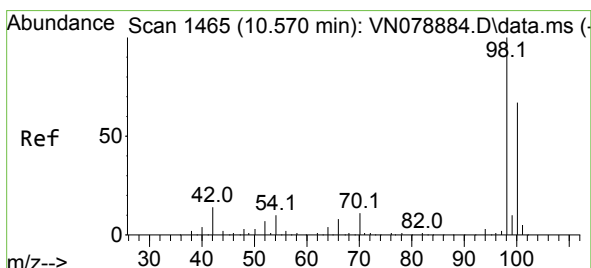
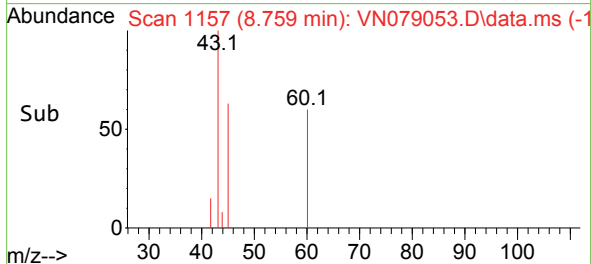
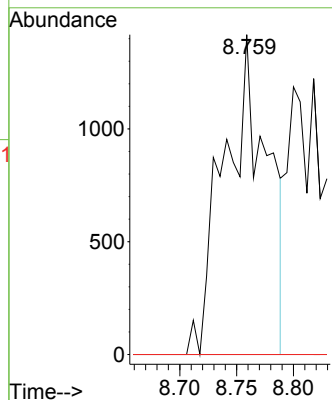
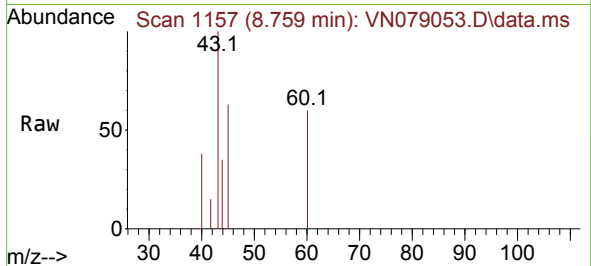




#43
Isopropyl Acetate
Concen: 0.414 ug/l
RT: 8.759 min Scan# 1146
Delta R.T. 0.065 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

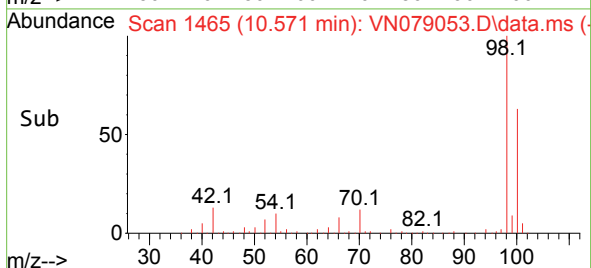
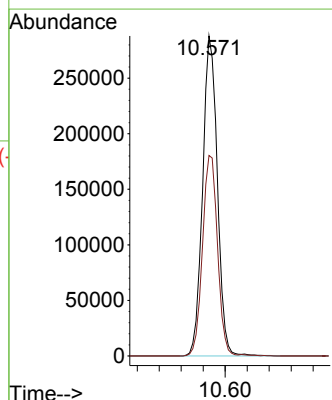
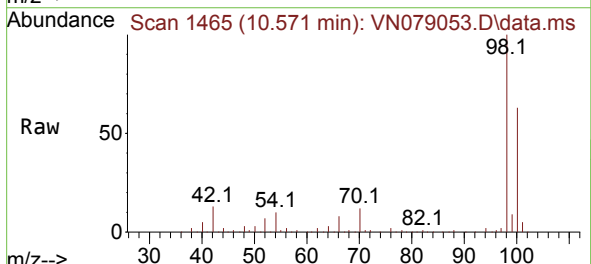
Instrument :
MSVOA_N
ClientSampleId :

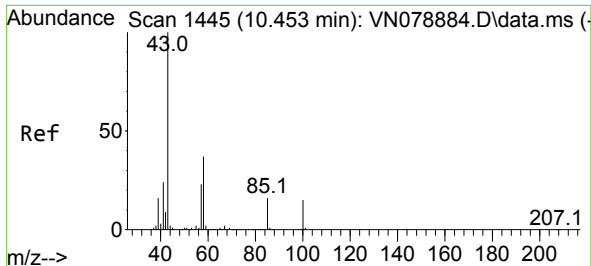
Tgt Ion: 43 Resp: 3699
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.932 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

Tgt Ion: 98 Resp: 535172
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

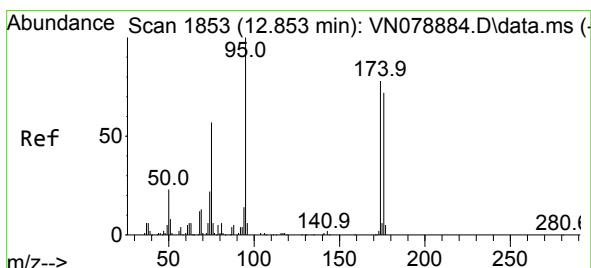
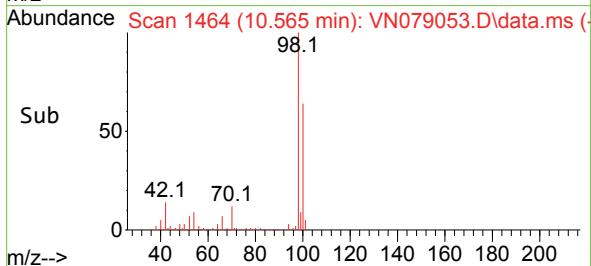
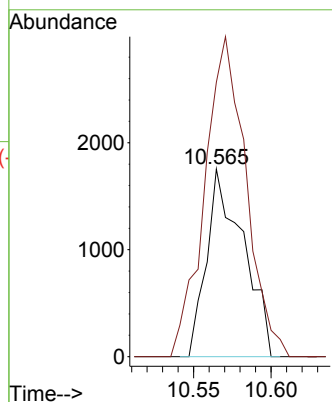
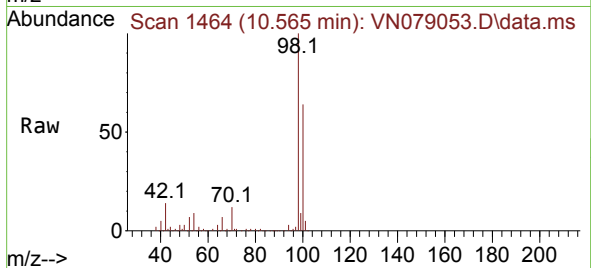




#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 10.565 min Scan# 1445
Delta R.T. 0.112 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

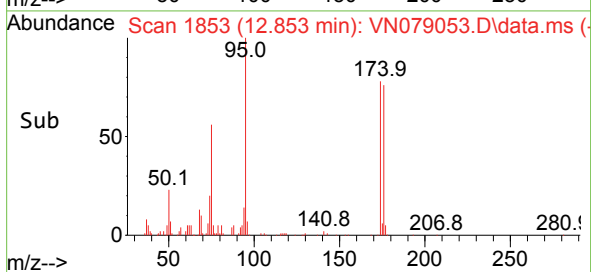
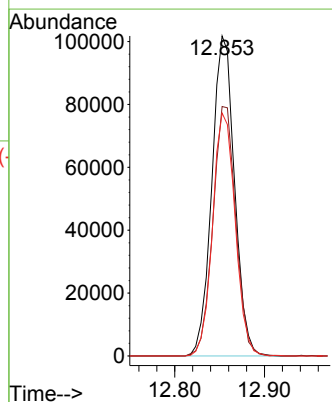
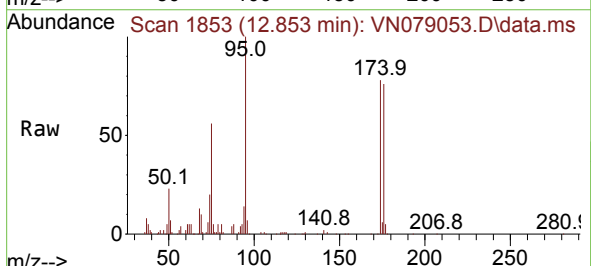
Instrument :
MSVOA_N
ClientSampleId :

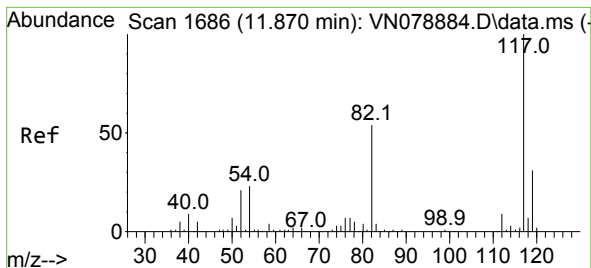
Tgt Ion: 43 Resp: 2872
Ion Ratio Lower Upper
43 100
58 193.1 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.864 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

Tgt Ion: 95 Resp: 178330
Ion Ratio Lower Upper
95 100
174 78.6 0.0 143.8
176 75.7 0.0 135.8

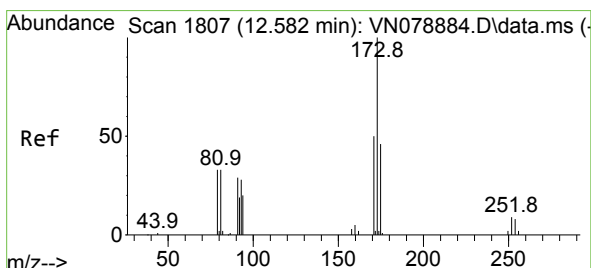
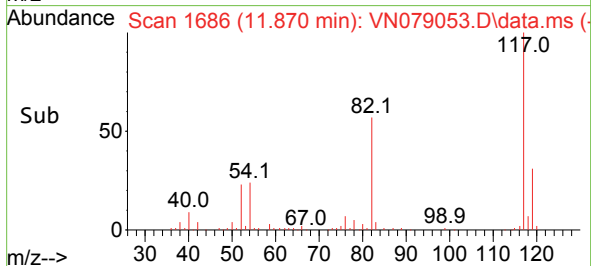
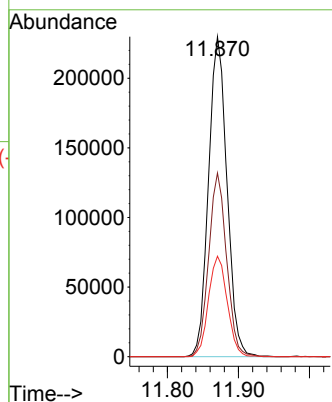
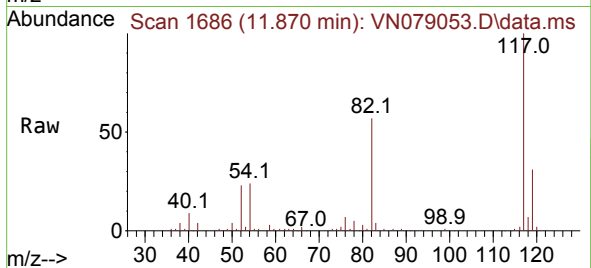




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

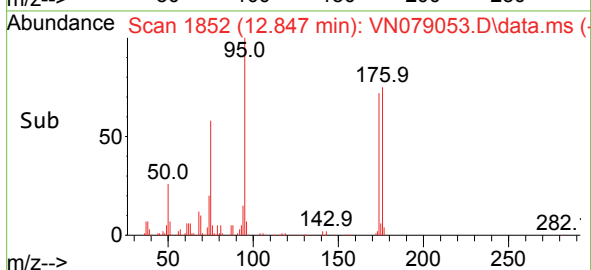
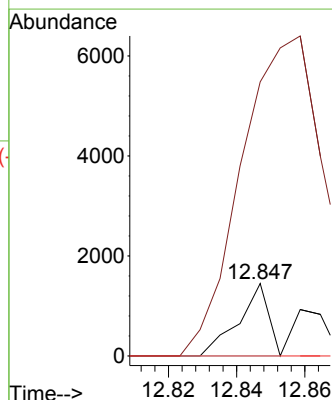
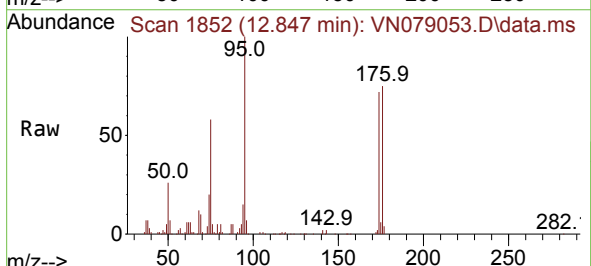
Instrument :
MSVOA_N
ClientSampleId :

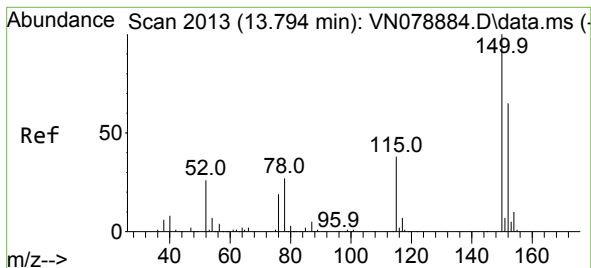
Tgt Ion:117 Resp: 414289
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.4 25.6 38.4



#71
Bromoform
Concen: 0.366 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

Tgt Ion:173 Resp: 887
Ion Ratio Lower Upper
173 100
175 0.0 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# 20

Delta R.T. -0.000 min

Lab File: VN079053.D

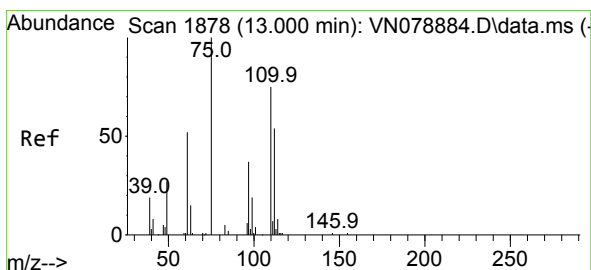
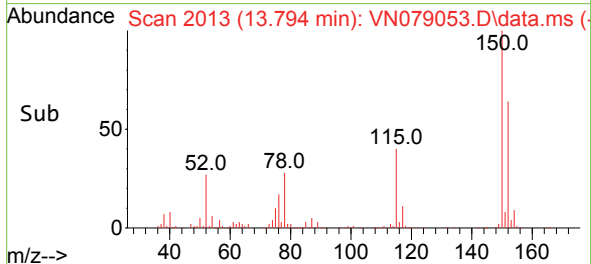
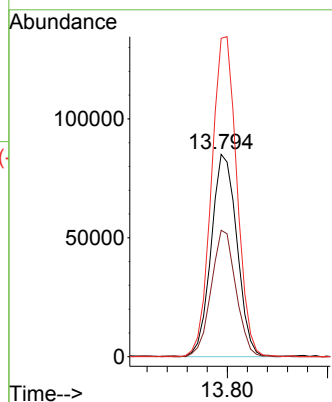
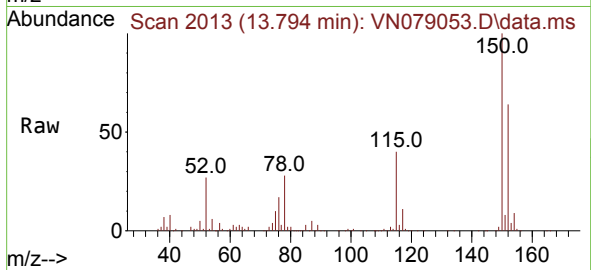
Acq: 25 Aug 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	152	Resp:	152005
Ion Ratio	Lower	Upper	
152	100		
115	59.8	32.3	96.8
150	155.5	0.0	355.8



#76

1,2,3-Trichloropropane

Concen: 26.846 ug/l

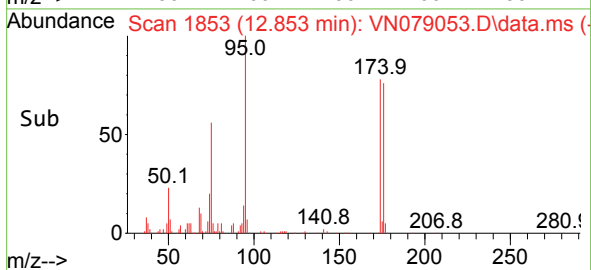
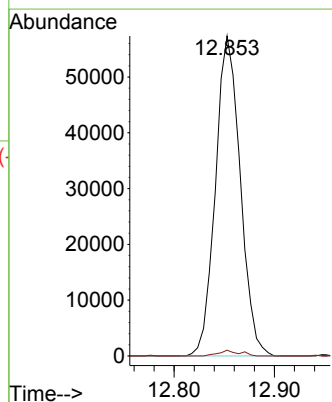
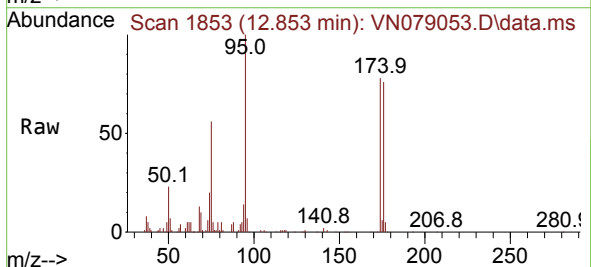
RT: 12.853 min Scan# 1853

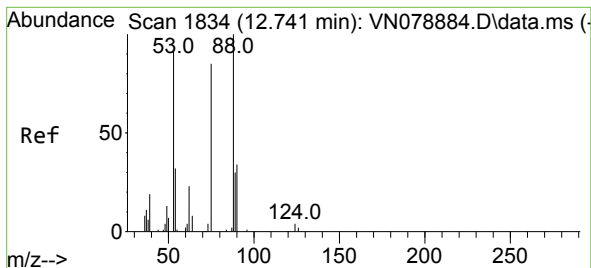
Delta R.T. -0.147 min

Lab File: VN079053.D

Acq: 25 Aug 2023 16:32

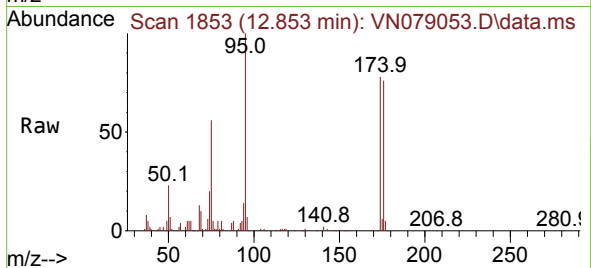
Tgt Ion:	75	Resp:	98326
Ion Ratio	Lower	Upper	
75	100		
77	1.5	84.5	253.5#



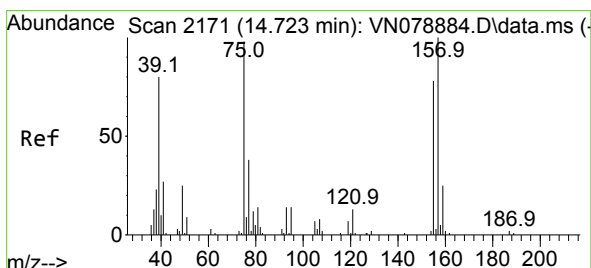
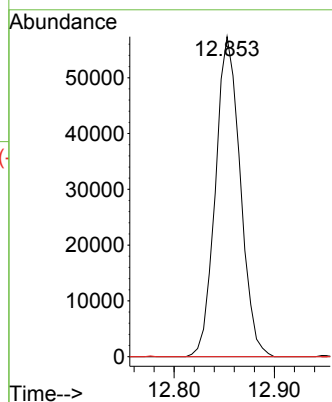
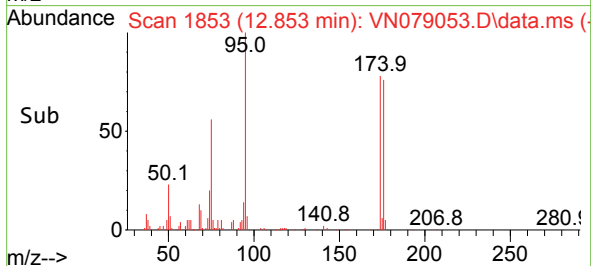


#81
trans-1,4-Dichloro-2-butene
Concen: 68.580 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

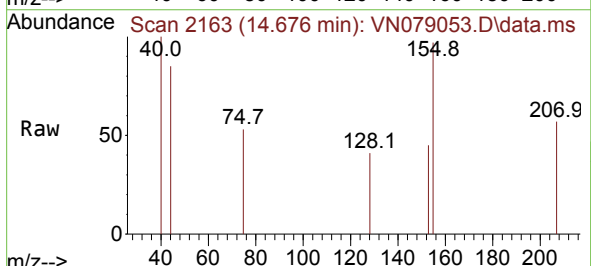
Instrument :
MSVOA_N
ClientSampleId :



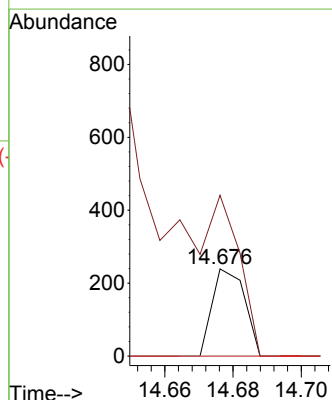
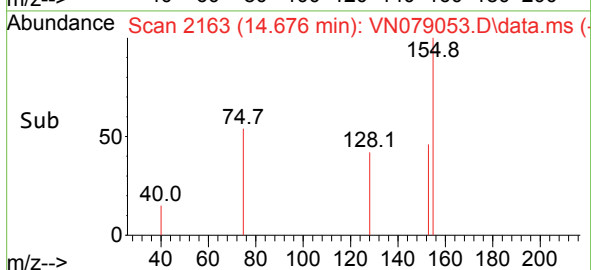
Tgt Ion: 75 Resp: 98326
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

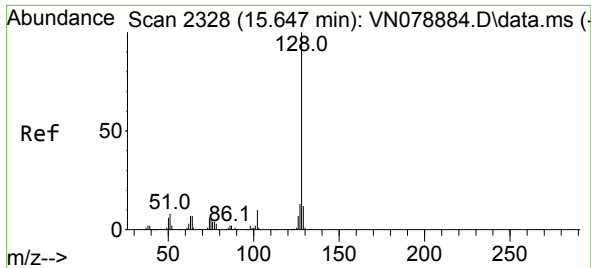


#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.676 min Scan# 2163
Delta R.T. -0.047 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32



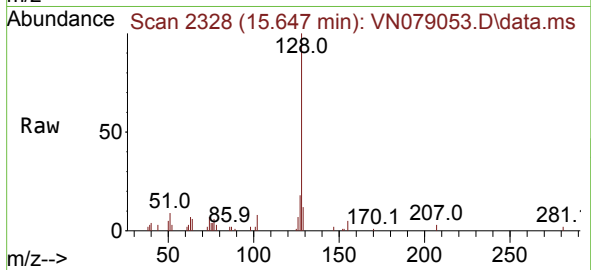
Tgt Ion: 75 Resp: 158
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#





#95
Naphthalene
Concen: 7.670 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079053.D
Acq: 25 Aug 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	37627
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.0	15.0
129	11.4	8.7	13.1

