

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079074.D
 Acq On : 28 Aug 2023 18:08
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 04:41:13 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)

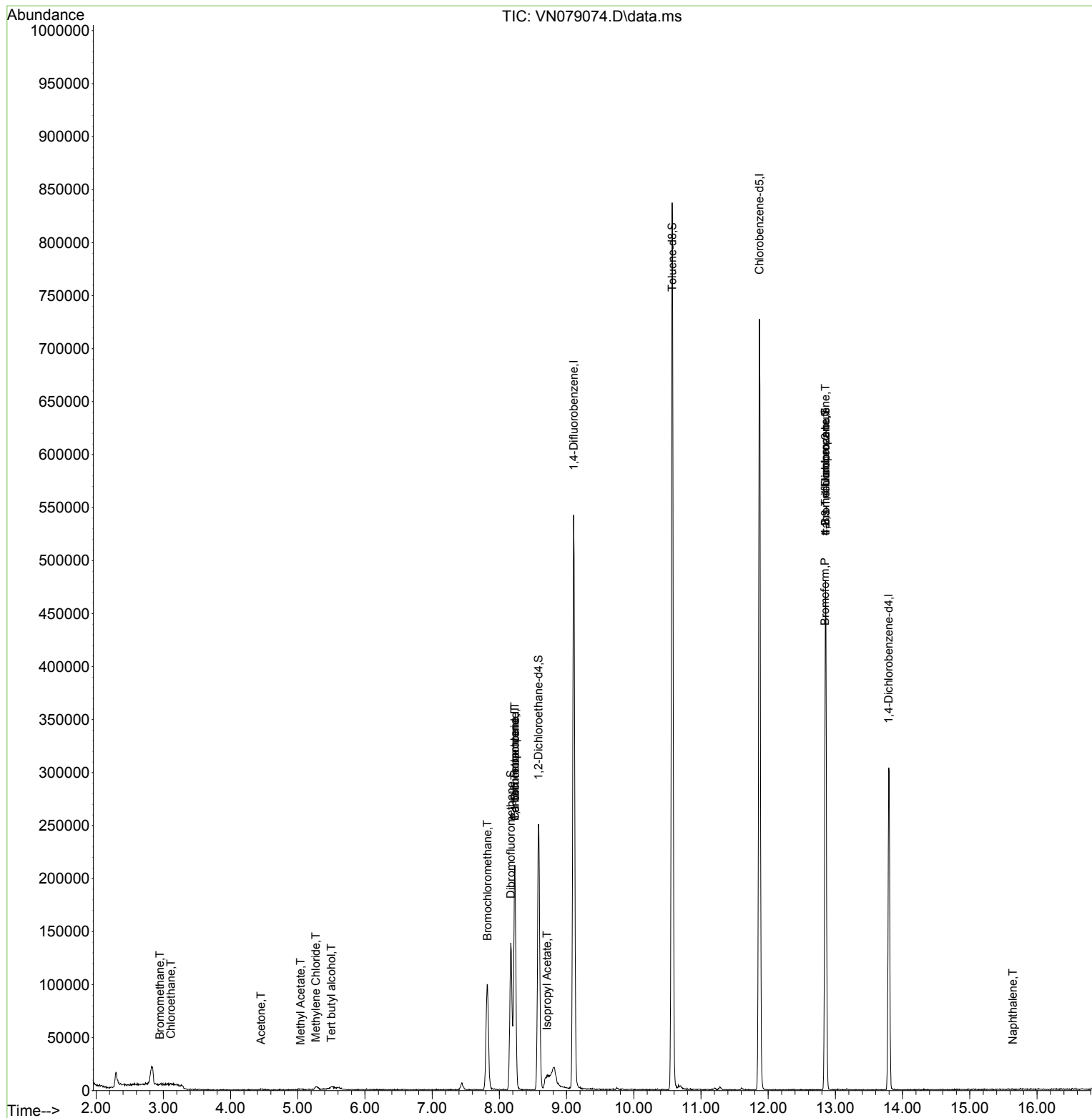
Internal Standards						
1) Pentafluorobenzene	8.229	168	150146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	451951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	413032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201424	86.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 172.420%#			
35) Dibromofluoromethane	8.171	113	96935	31.862	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 63.720%#			
50) Toluene-d8	10.570	98	557221	49.328	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.660%			
62) 4-Bromofluorobenzene	12.853	95	160125	43.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.740%			
Target Compounds						Qvalue
5) Bromomethane	2.947	94	602	0.411	ug/l #	4
6) Chloroethane	3.112	64	627	0.352	ug/l #	43
11) Tert butyl alcohol	5.500	59	1746	4.453	ug/l #	72
16) Acetone	4.453	43	283	0.294	ug/l #	40
18) Methyl Acetate	5.041	43	1006	0.247	ug/l #	42
20) Methylene Chloride	5.271	84	1253	0.610	ug/l #	75
28) Bromochloromethane	7.824	49	63178	32.121	ug/l #	77
31) Cyclohexane	8.229	56	4232	Below Cal	#	48
36) 1,1-Dichloropropene	8.229	75	12599	2.753	ug/l #	49
38) Carbon Tetrachloride	8.229	117	16015	3.493	ug/l #	16
43) Isopropyl Acetate	8.712	43	12585	1.391	ug/l #	49
71) Bromoform	12.847	173	558	0.231	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	88668	46.432	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	88668	118.613	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.588	75	62	Below Cal	#	4
95) Naphthalene	15.641	128	174	2.620	ug/l #	70

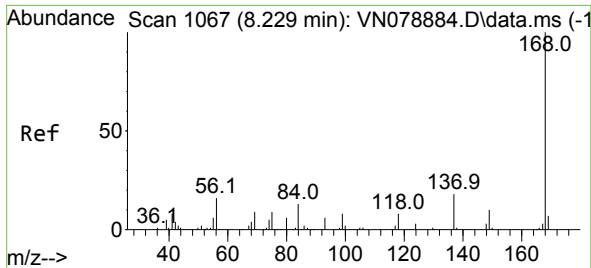
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
Data File : VN079074.D
Acq On : 28 Aug 2023 18:08
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

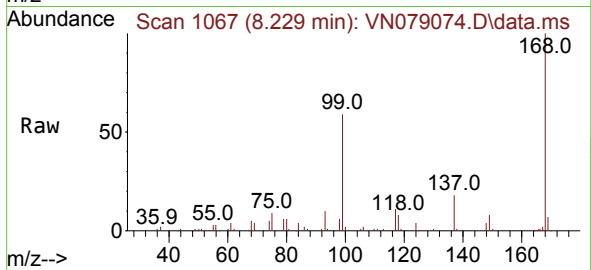
Quant Time: Aug 29 04:41:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration



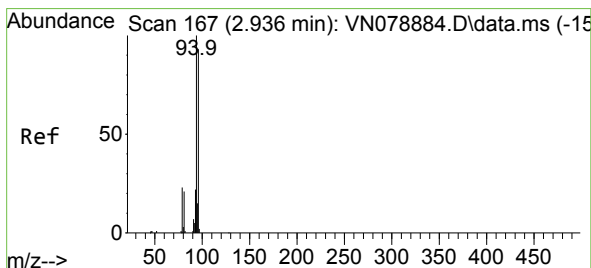
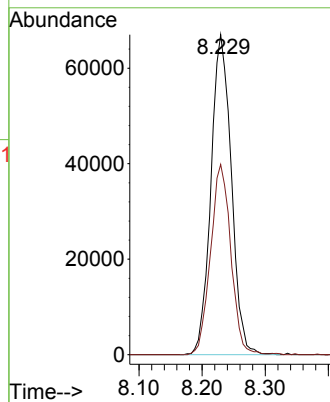
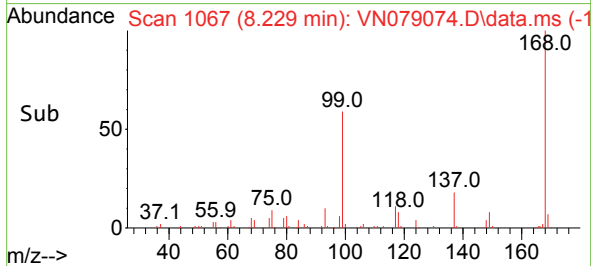


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Instrument :
MSVOA_N
ClientSampleId :

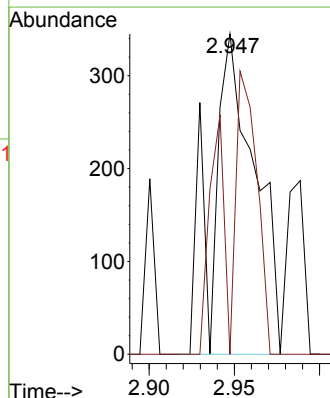
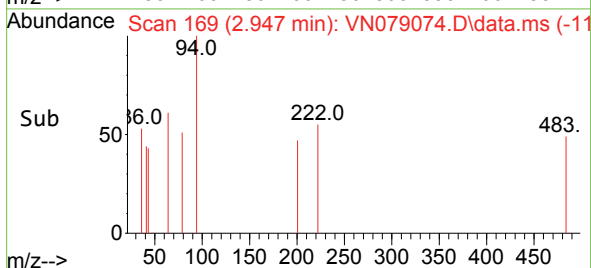
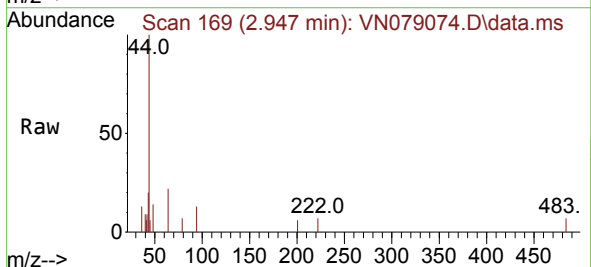


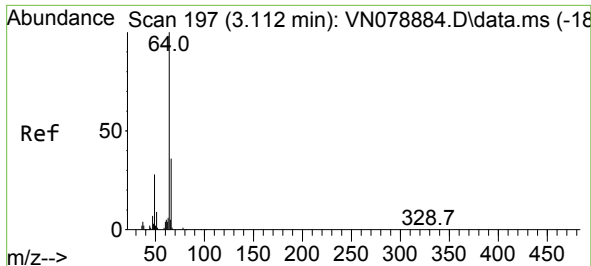
Tgt Ion:168 Resp: 150146
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#5
Bromomethane
Concen: 0.411 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.001 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Tgt Ion: 94 Resp: 602
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#

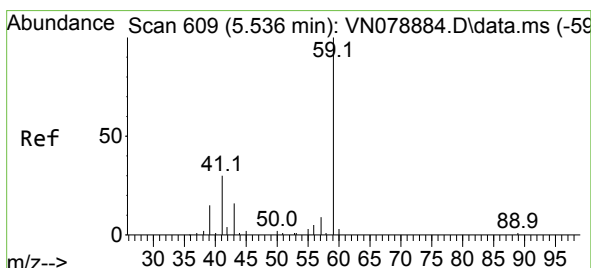
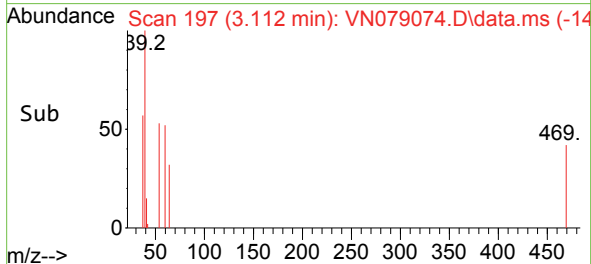
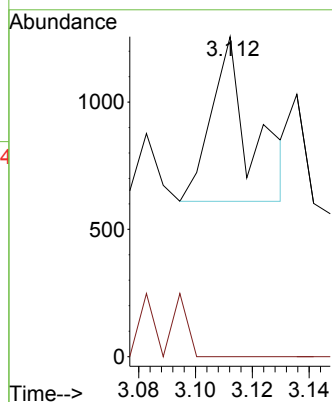
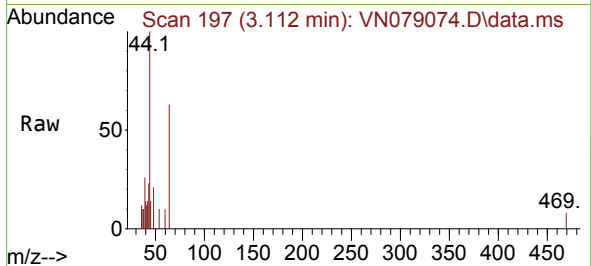




#6
Chloroethane
Concen: 0.352 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

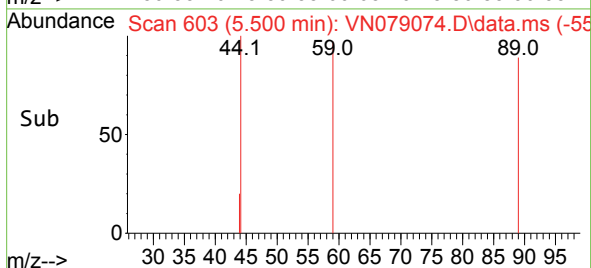
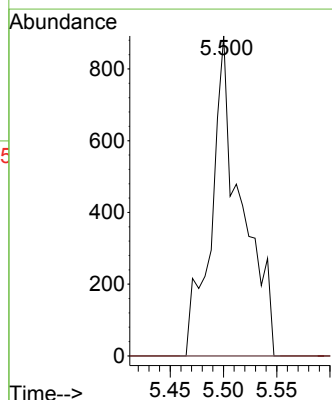
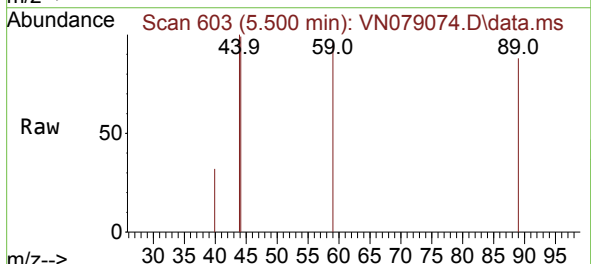
Instrument :
MSVOA_N
ClientSampleId :

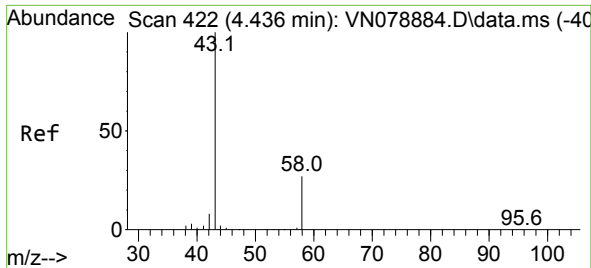
Tgt Ion: 64 Resp: 627
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 4.453 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.042 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Tgt Ion: 59 Resp: 1746
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 0.294 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

Instrument :

MSVOA_N

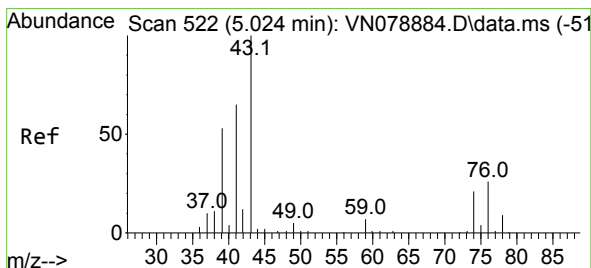
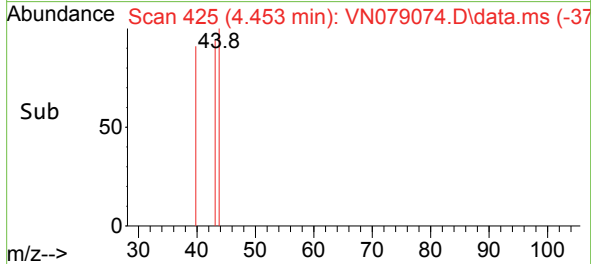
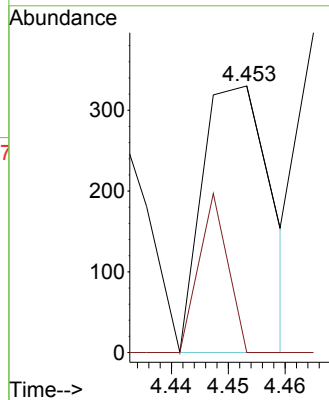
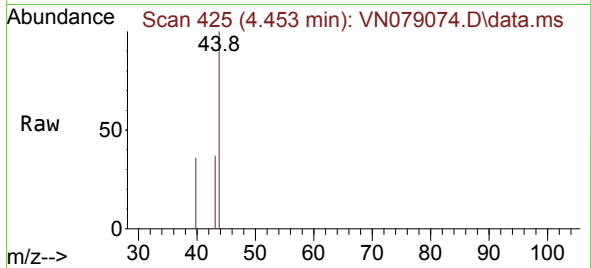
ClientSampleId :

Tgt Ion: 43 Resp: 283

Ion Ratio Lower Upper

43 100

58 0.0 28.0 42.0#



#18

Methyl Acetate

Concen: 0.247 ug/l

RT: 5.041 min Scan# 525

Delta R.T. -0.001 min

Lab File: VN079074.D

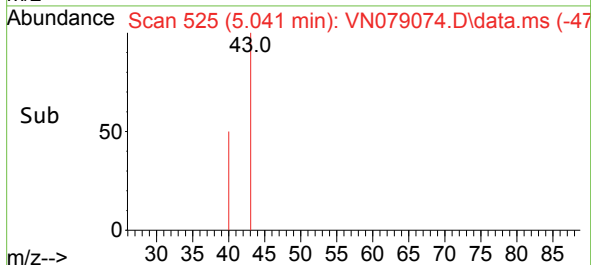
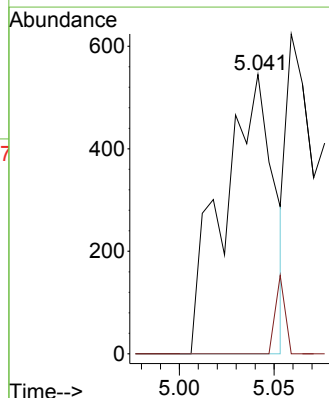
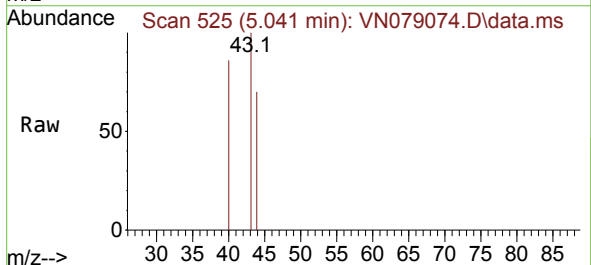
Acq: 28 Aug 2023 18:08

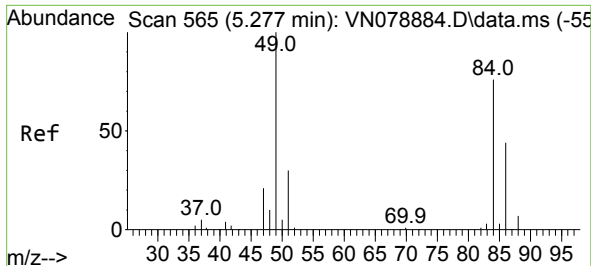
Tgt Ion: 43 Resp: 1006

Ion Ratio Lower Upper

43 100

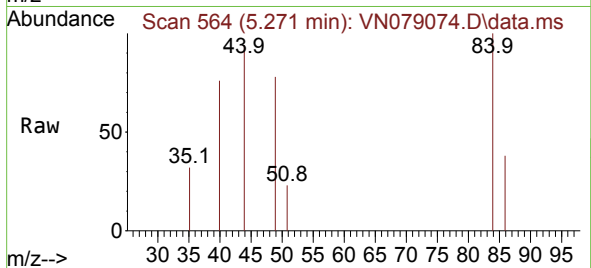
74 0.0 26.2 39.4#



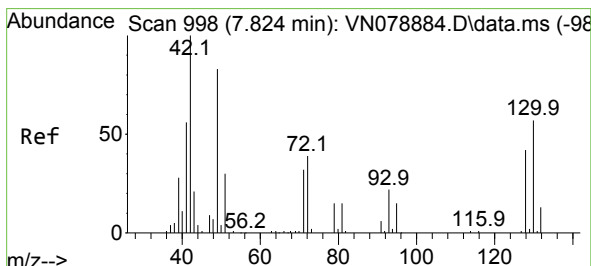
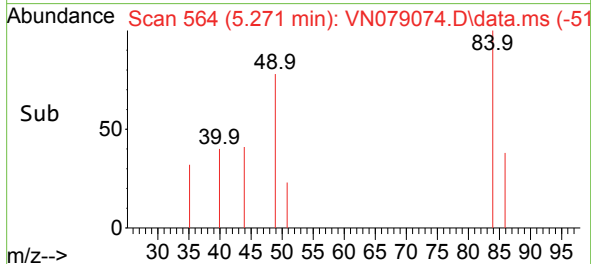
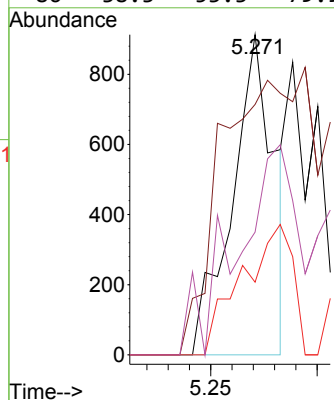


#20
Methylene Chloride
Concen: 0.610 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Instrument :
MSVOA_N
ClientSampleId :

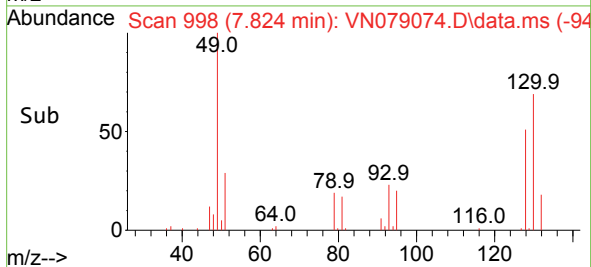
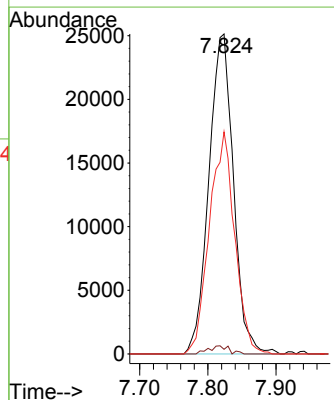
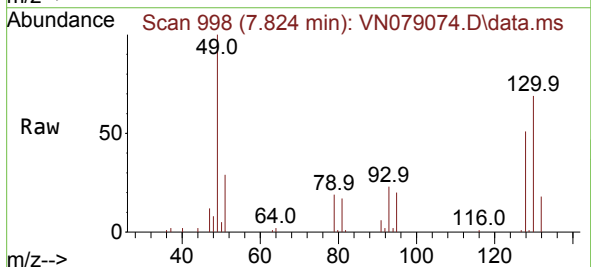


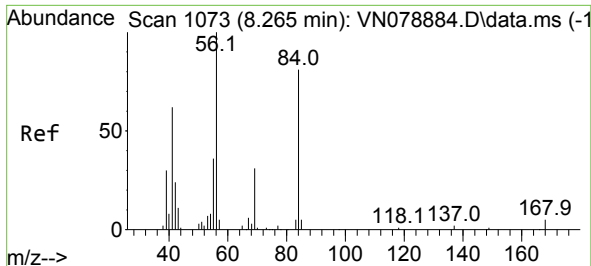
Tgt Ion: 84 Resp: 1253
Ion Ratio Lower Upper
84 100
49 78.2 79.7 119.5#
51 22.7 25.2 37.8#
86 38.3 53.3 79.9#



#28
Bromochloromethane
Concen: 32.121 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

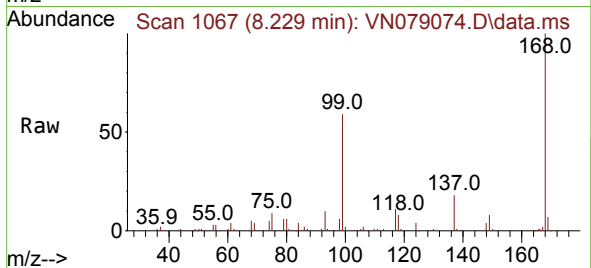
Tgt Ion: 49 Resp: 63178
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 71.4 75.3 112.9#



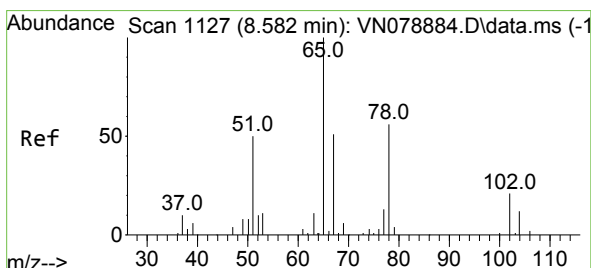
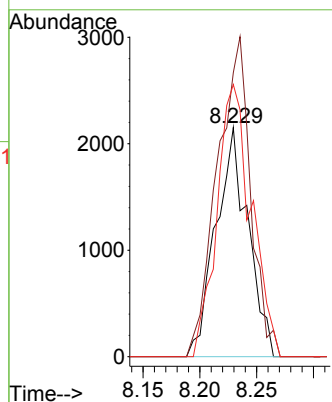
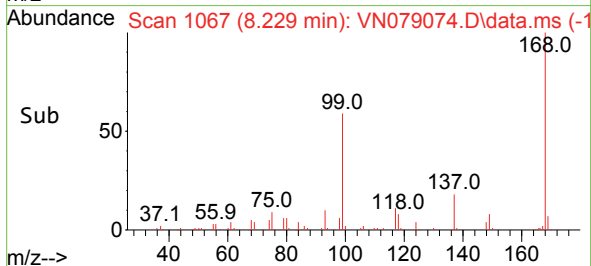


#31
Cyclohexane
Concen: Below Cal
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Instrument :
MSVOA_N
ClientSampleId :

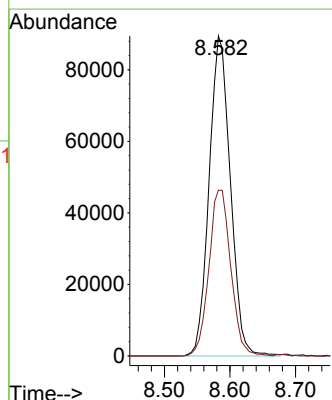
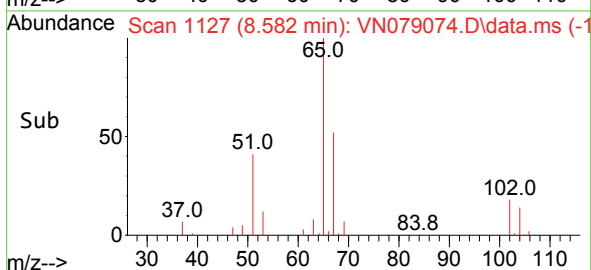
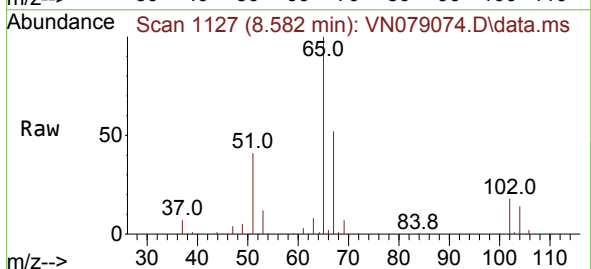


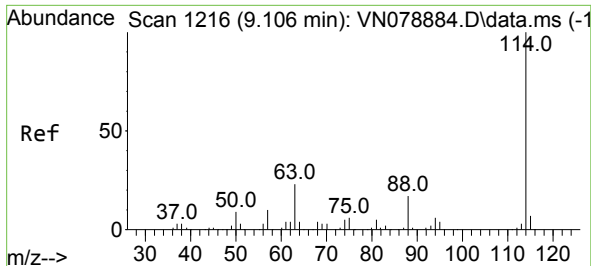
Tgt Ion: 56 Resp: 4232
Ion Ratio Lower Upper
56 100
69 124.0 26.8 40.2#
84 118.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 86.211 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Tgt Ion: 65 Resp: 201424
Ion Ratio Lower Upper
65 100
67 53.3 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: VN079074.D

Acq: 28 Aug 2023 18:08

Instrument :

MSVOA_N

ClientSampleId :

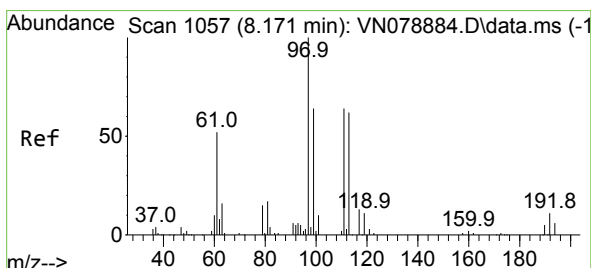
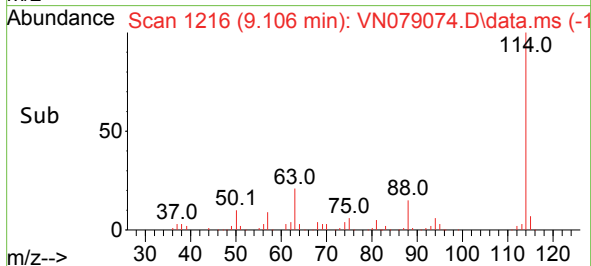
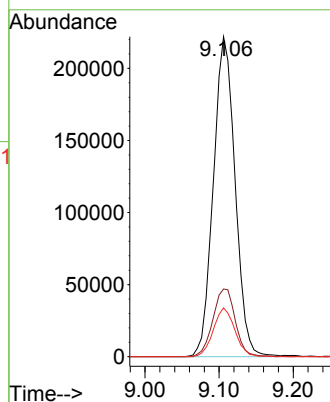
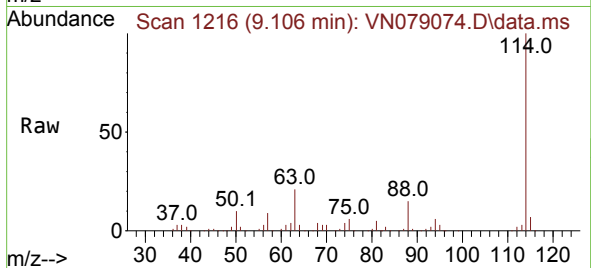
Tgt Ion:114 Resp: 451951

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 31.862 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

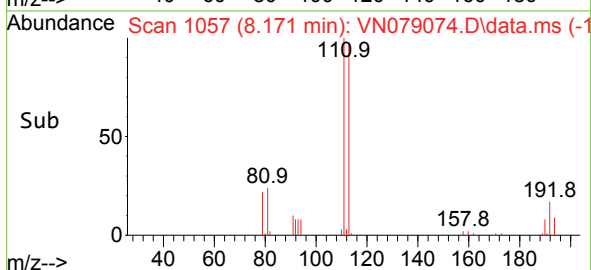
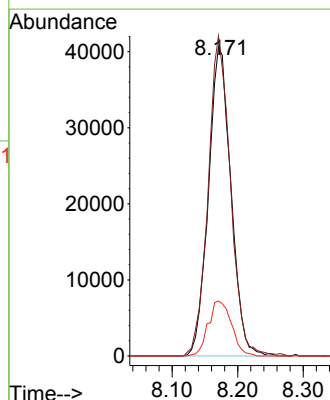
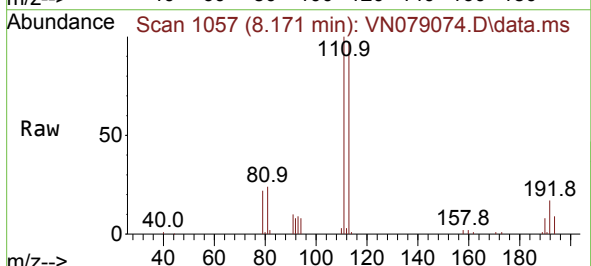
Tgt Ion:113 Resp: 96935

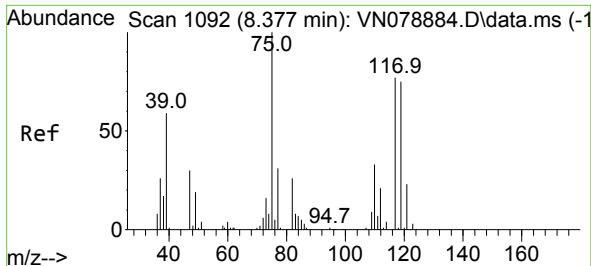
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 18.3 12.7 19.1





#36

1,1-Dichloropropene

Concen: 2.753 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.148 min

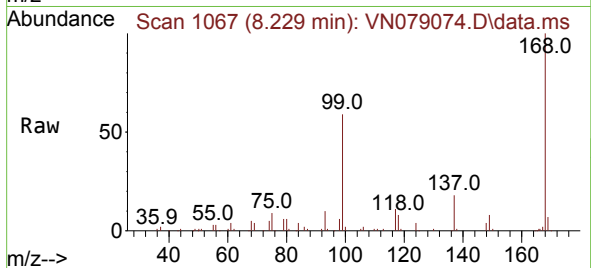
Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

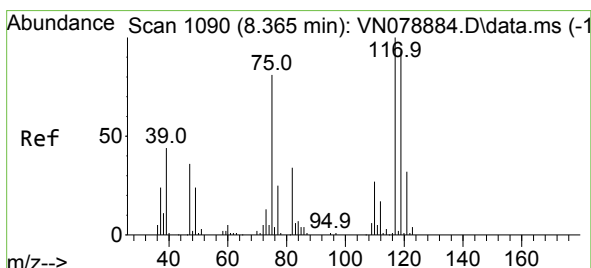
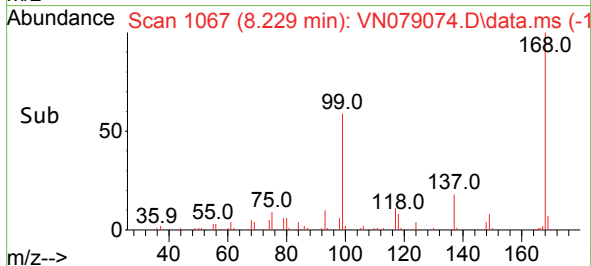
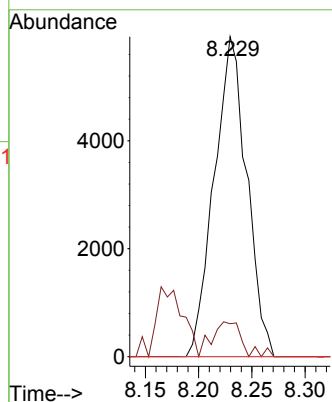
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 12599
Ion Ratio	Lower Upper
75	100
110	10.2 19.1 57.3#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 3.493 ug/l

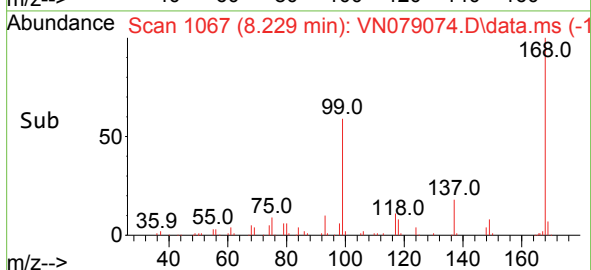
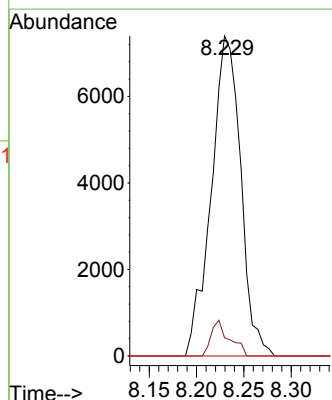
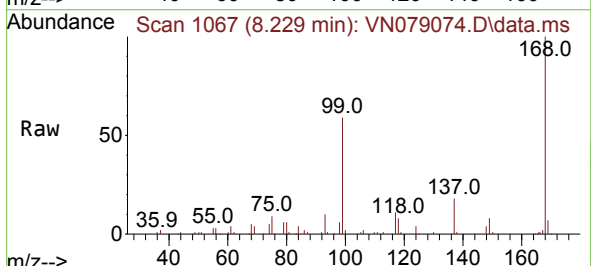
RT: 8.229 min Scan# 1067

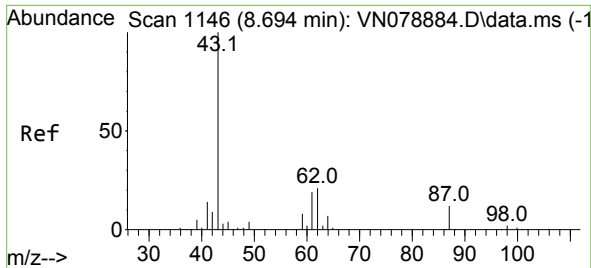
Delta R.T. -0.142 min

Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

Tgt Ion: 117	Resp: 16015
Ion Ratio	Lower Upper
117	100
119	5.7 77.3 115.9#
121	0.0 23.3 34.9#

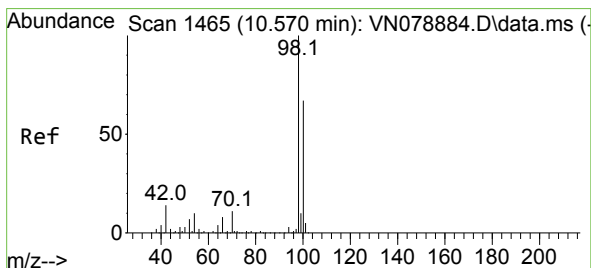
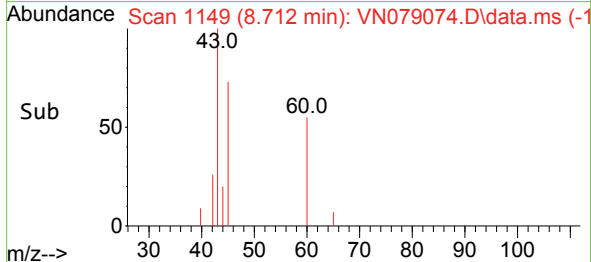
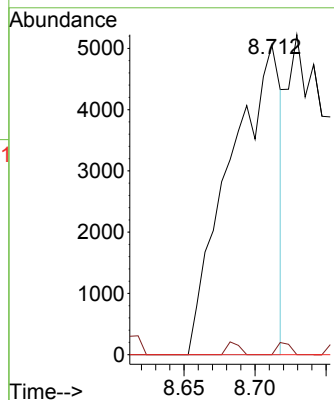
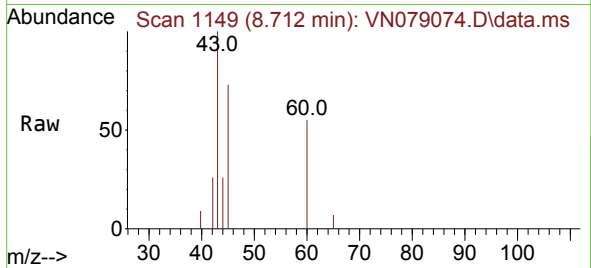




#43
Isopropyl Acetate
Concen: 1.391 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

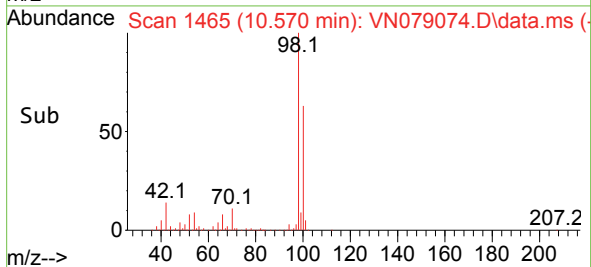
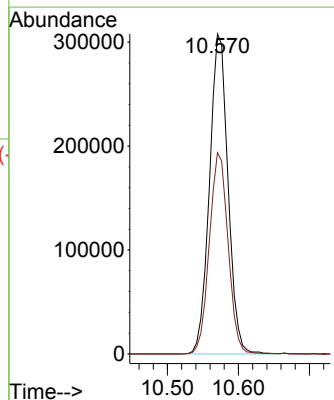
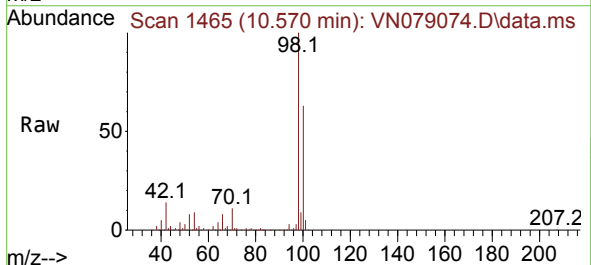
Instrument :
MSVOA_N
ClientSampleId :

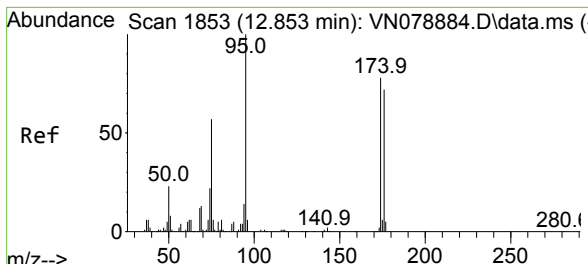
Tgt Ion: 43 Resp: 12585
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.328 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079074.D
Acq: 28 Aug 2023 18:08

Tgt Ion: 98 Resp: 557221
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

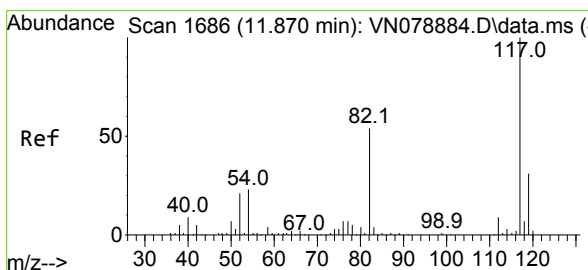
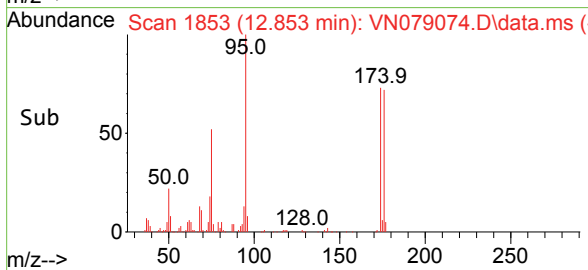
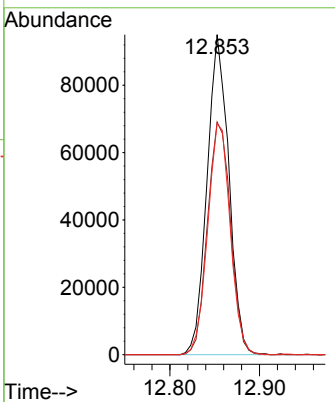
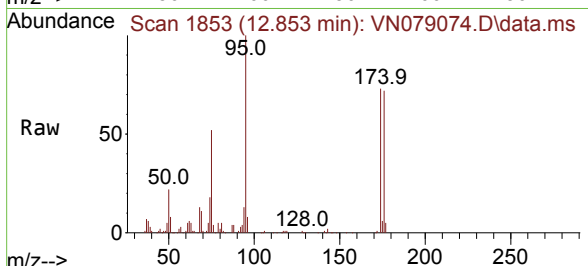




#62
 4-Bromofluorobenzene
 Concen: 43.367 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079074.D
 Acq: 28 Aug 2023 18:08

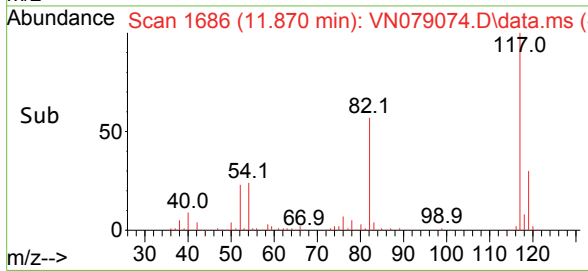
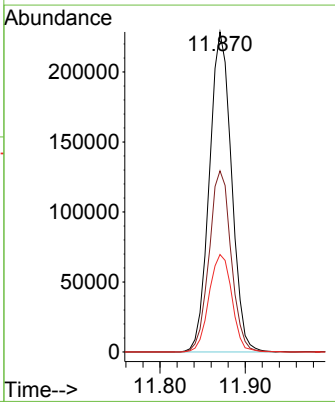
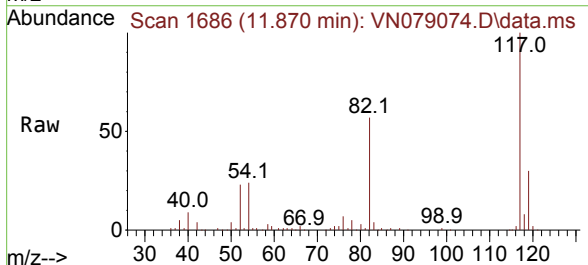
Instrument :
 MSVOA_N
 ClientSampleId :

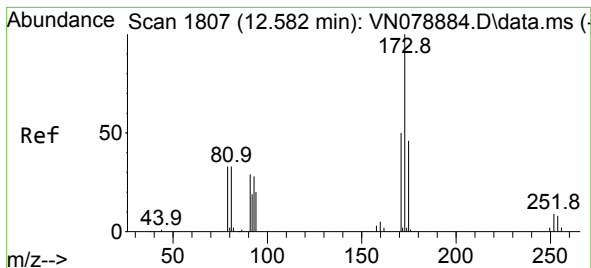
Tgt Ion:	95	Resp:	160125
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	143.8
176	74.6	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079074.D
 Acq: 28 Aug 2023 18:08

Tgt Ion:	117	Resp:	413032
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.0	66.0
119	30.5	25.6	38.4





#71

Bromoform

Concen: 0.231 ug/l

RT: 12.847 min Scan# 1807

Delta R.T. 0.265 min

Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

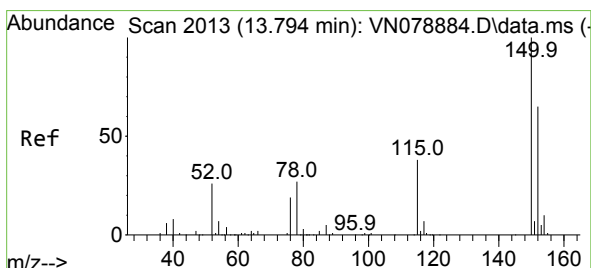
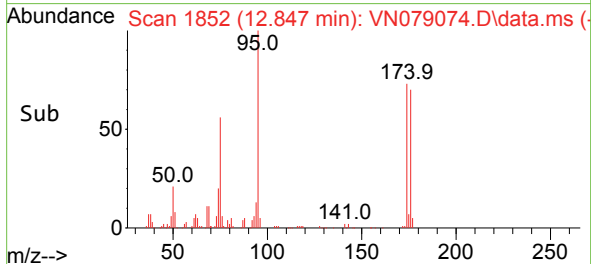
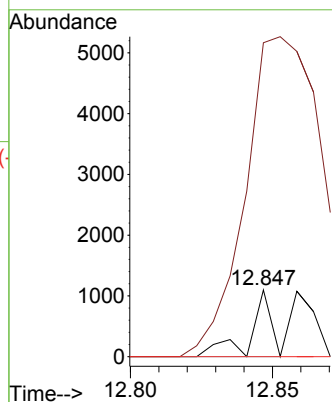
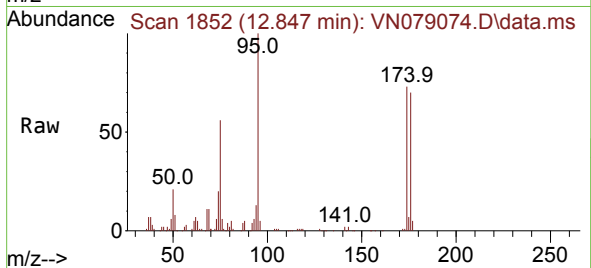
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 558

Ion	Ratio	Lower	Upper
173	100		
175	1281.9	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

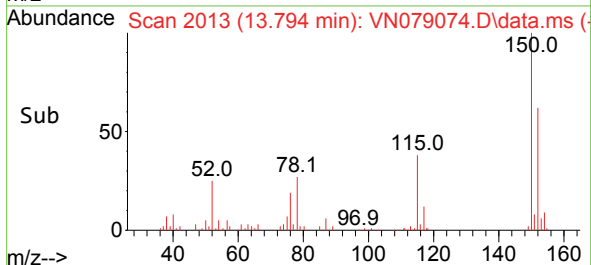
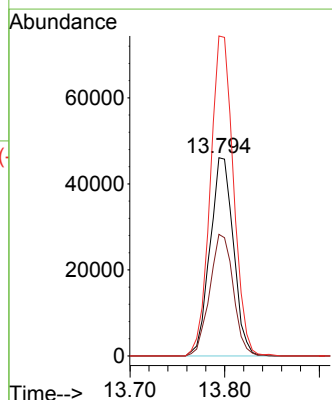
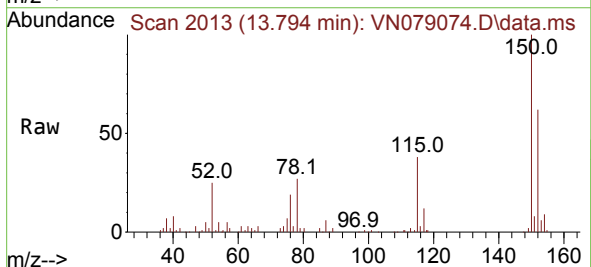
Delta R.T. -0.000 min

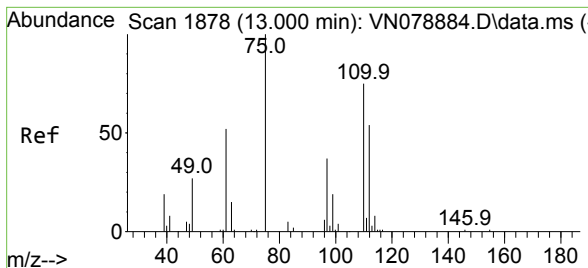
Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

Tgt Ion:152 Resp: 79254

Ion	Ratio	Lower	Upper
152	100		
115	61.6	32.3	96.8
150	159.5	0.0	355.8





#76

1,2,3-Trichloropropane

Concen: 46.432 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

Instrument :

MSVOA_N

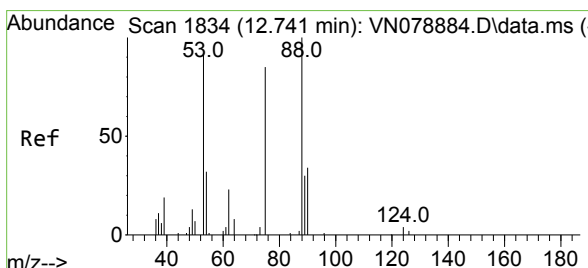
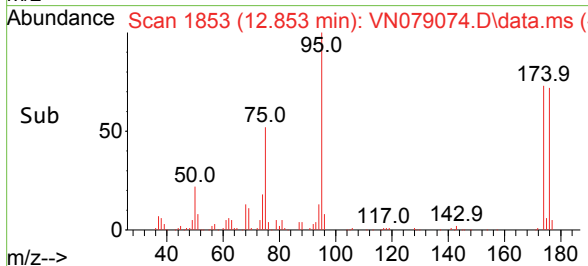
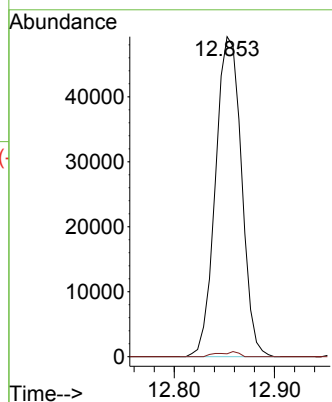
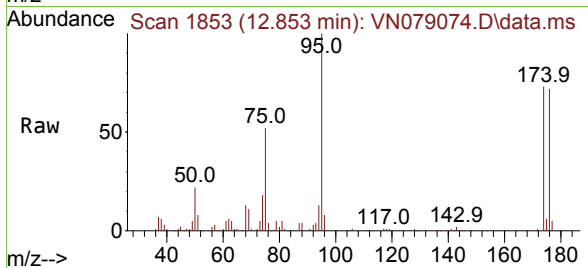
ClientSampleId :

Tgt Ion: 75 Resp: 88668

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.613 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

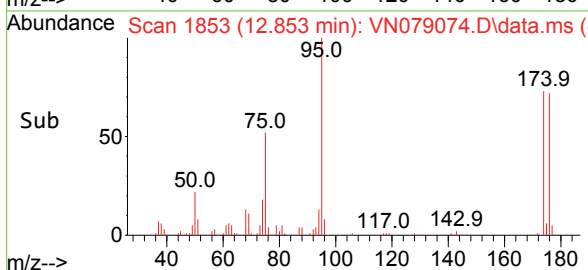
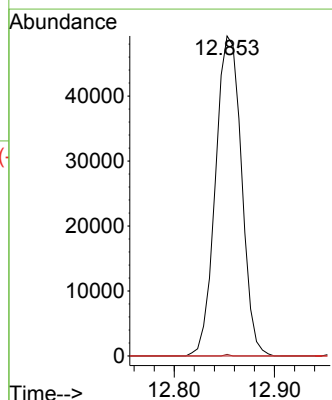
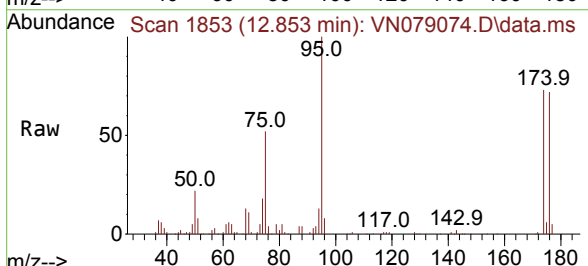
Tgt Ion: 75 Resp: 88668

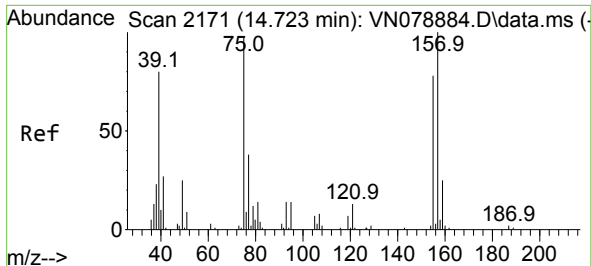
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.588 min Scan# 2171

Delta R.T. -0.135 min

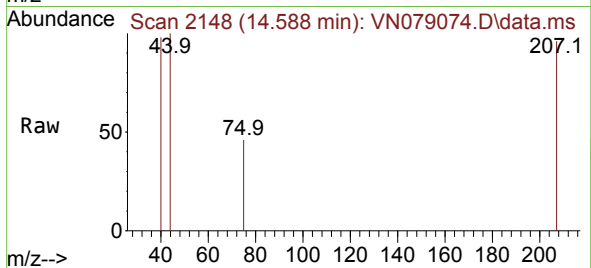
Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

Instrument :

MSVOA_N

ClientSampleId :



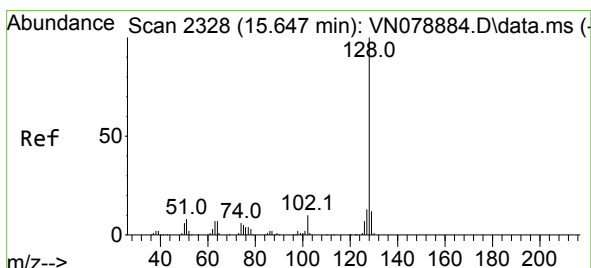
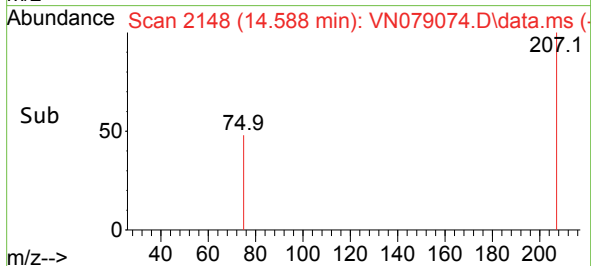
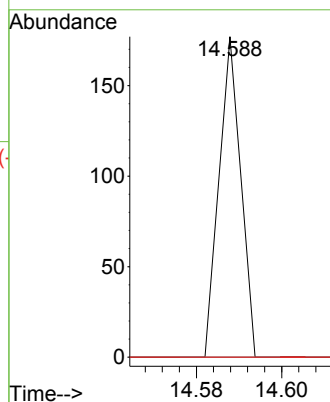
Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#



#95

Naphthalene

Concen: 2.620 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079074.D

Acq: 28 Aug 2023 18:08

Tgt Ion:128 Resp: 174

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

129 0.0 8.7 13.1#

