

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079068.D
 Acq On : 28 Aug 2023 15:43
 Operator : JC\MD
 Sample : 04122-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 04:06:01 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

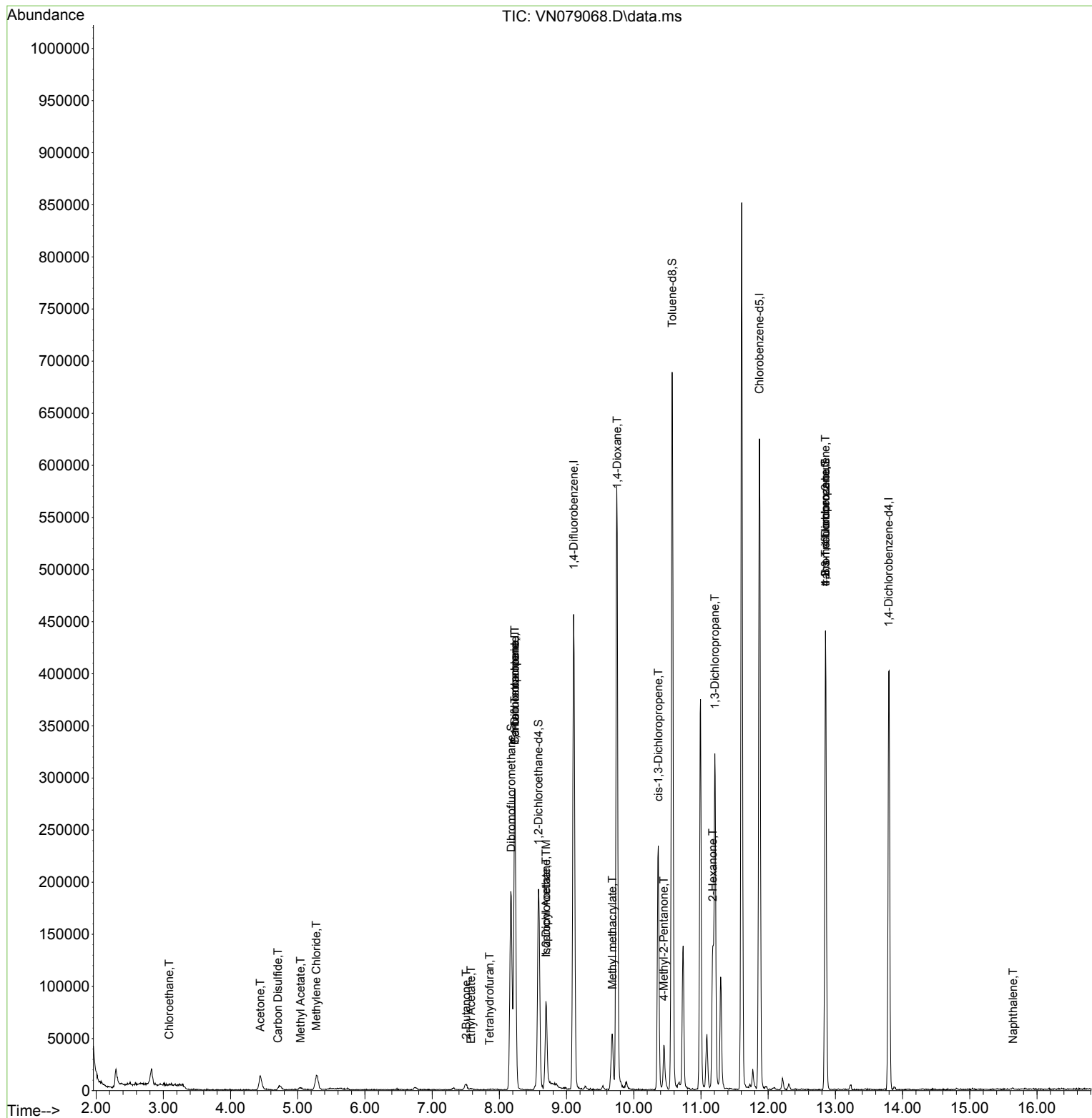
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	207986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	383917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	361051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	156919	48.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.980%
35) Dibromofluoromethane	8.177	113	132769	51.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.740%
50) Toluene-d8	10.571	98	469947	48.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.853	95	142695	45.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.000%
Target Compounds						
					Qvalue	
6) Chloroethane	3.089	64	680	0.275	ug/l #	43
16) Acetone	4.442	43	24964	18.694	ug/l	89
17) Carbon Disulfide	4.706	76	1390	0.222	ug/l #	75
18) Methyl Acetate	5.041	43	4597	0.815	ug/l #	71
20) Methylene Chloride	5.277	84	11045	3.881	ug/l	94
25) 2-Butanone	7.506	43	10293	4.808	ug/l #	65
29) Tetrahydrofuran	7.853	42	423	0.298	ug/l #	29
31) Cyclohexane	8.241	56	5283	Below Cal	#	63
36) 1,1-Dichloropropene	8.229	75	17683	4.549	ug/l #	51
37) Ethyl Acetate	7.577	43	2568	0.590	ug/l #	67
38) Carbon Tetrachloride	8.229	117	22187	5.696	ug/l #	14
42) 1,2-Dichloroethane	8.694	62	923	0.215	ug/l #	73
43) Isopropyl Acetate	8.694	43	97672	12.705	ug/l #	78
48) Methyl methacrylate	9.682	41	3756	1.078	ug/l #	32
49) 1,4-Dioxane	9.753	88	55	0.927	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	31714	6.955	ug/l #	80
54) cis-1,3-Dichloropropene	10.365	75	38169	7.887	ug/l #	68
57) 1,3-Dichloropropane	11.206	76	3370	0.666	ug/l #	42
59) 2-Hexanone	11.176	43	160310	48.541	ug/l #	19
76) 1,2,3-Trichloropropane	12.853	75	77196	29.923	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	77196	76.441	ug/l #	15
95) Naphthalene	15.647	128	1585	2.879	ug/l #	70

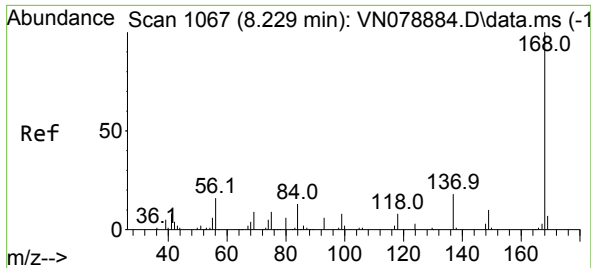
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
Data File : VN079068.D
Acq On : 28 Aug 2023 15:43
Operator : JC\MD
Sample : 04122-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

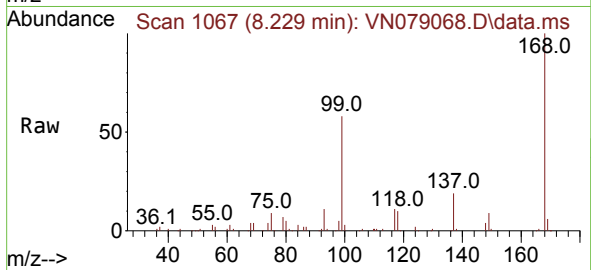
Quant Time: Aug 29 04:06:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration



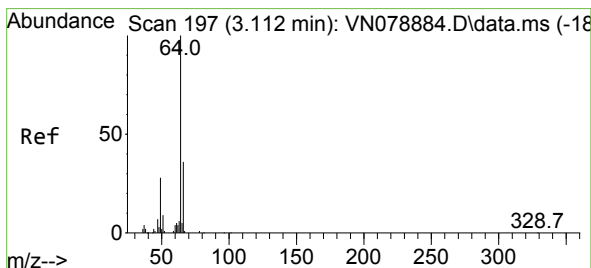
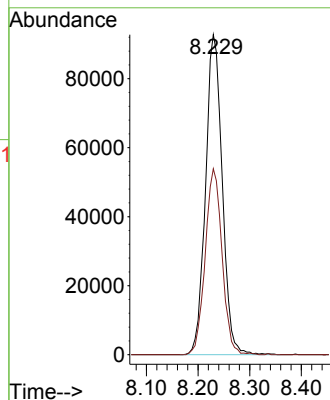
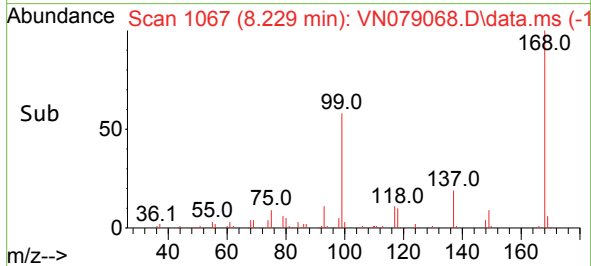


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :

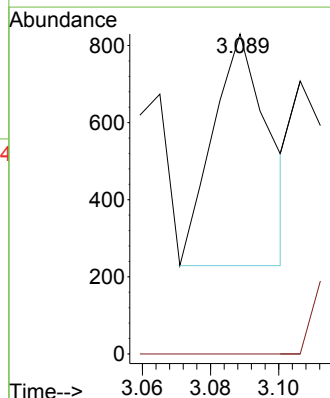
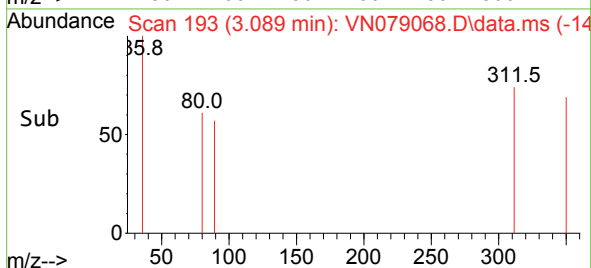
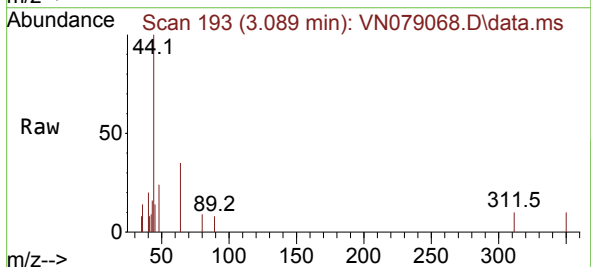


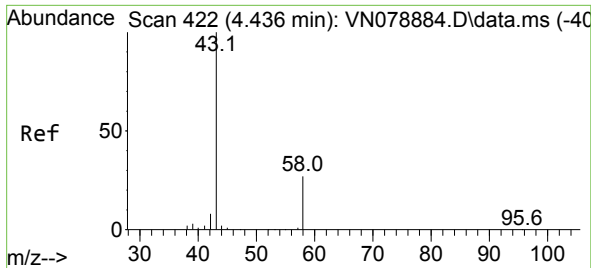
Tgt Ion:168 Resp: 207986
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6



#6
Chloroethane
Concen: 0.275 ug/l
RT: 3.089 min Scan# 193
Delta R.T. -0.029 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 64 Resp: 680
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#16

Acetone

Concen: 18.694 ug/l

RT: 4.442 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN079068.D

Acq: 28 Aug 2023 15:43

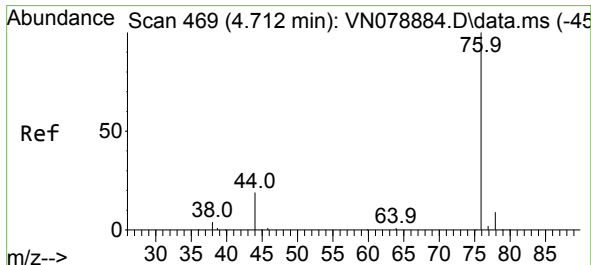
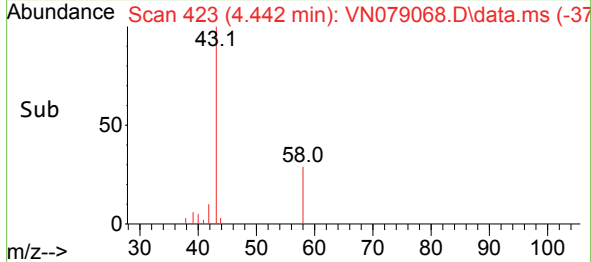
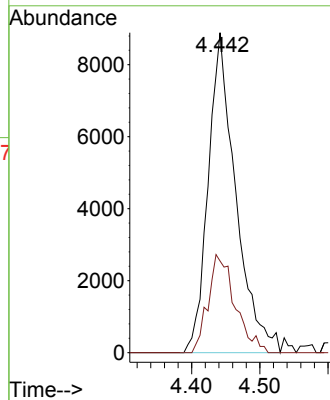
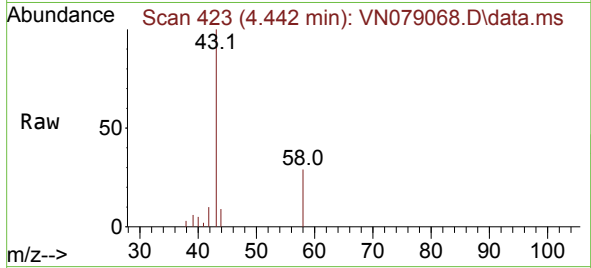
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 24964

Ion	Ratio	Lower	Upper
43	100		
58	28.6	28.0	42.0



#17

Carbon Disulfide

Concen: 0.222 ug/l

RT: 4.706 min Scan# 468

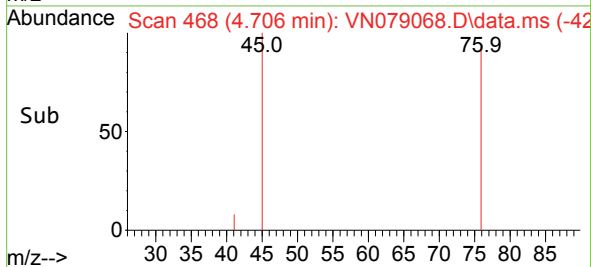
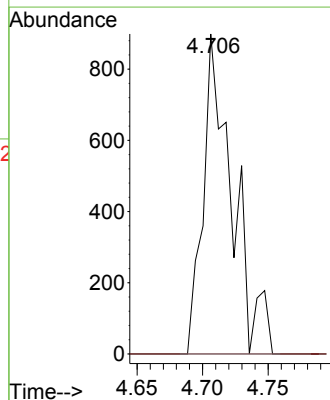
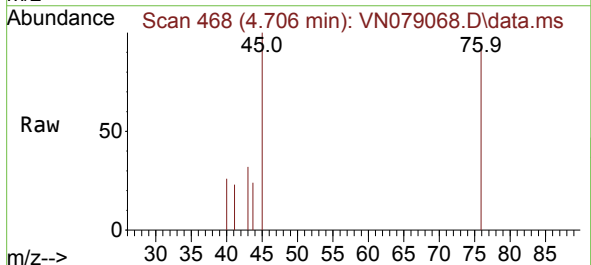
Delta R.T. -0.018 min

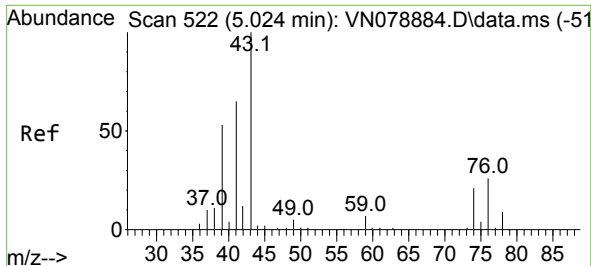
Lab File: VN079068.D

Acq: 28 Aug 2023 15:43

Tgt Ion: 76 Resp: 1390

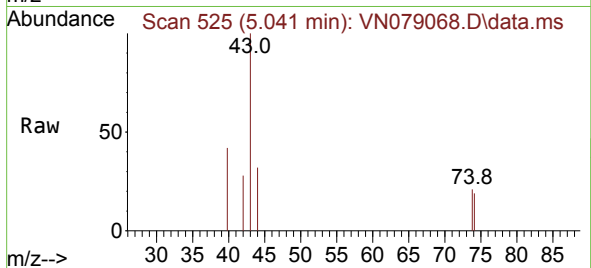
Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#



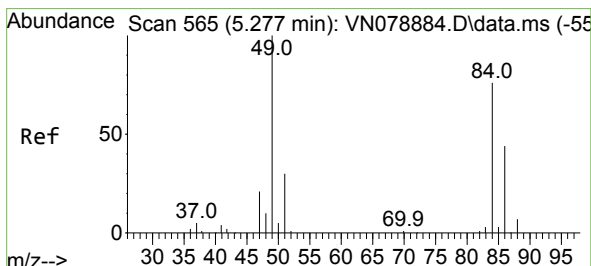
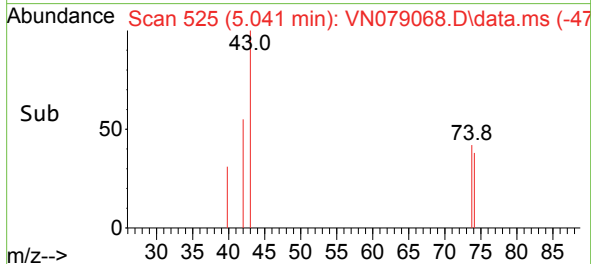
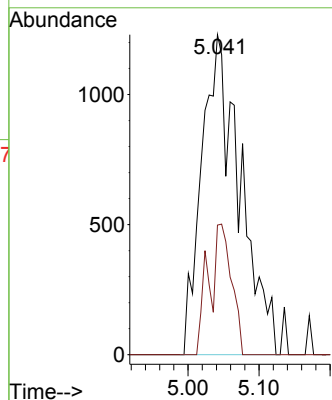


#18
Methyl Acetate
Concen: 0.815 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :

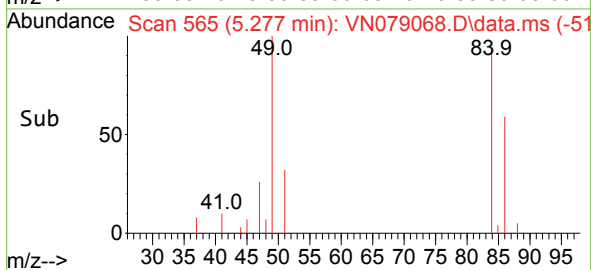
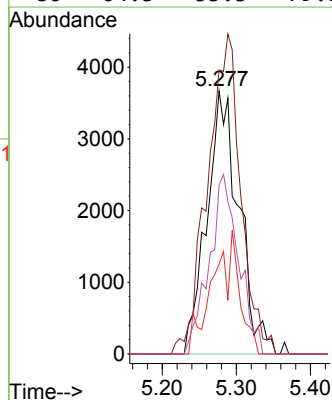
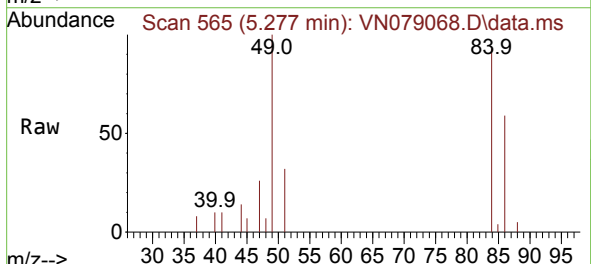


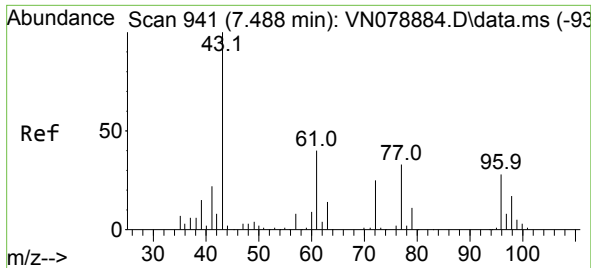
Tgt Ion: 43 Resp: 4597
Ion Ratio Lower Upper
43 100
74 16.5 26.2 39.4#



#20
Methylene Chloride
Concen: 3.881 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 84 Resp: 11045
Ion Ratio Lower Upper
84 100
49 108.0 79.7 119.5
51 34.2 25.2 37.8
86 64.3 53.3 79.9

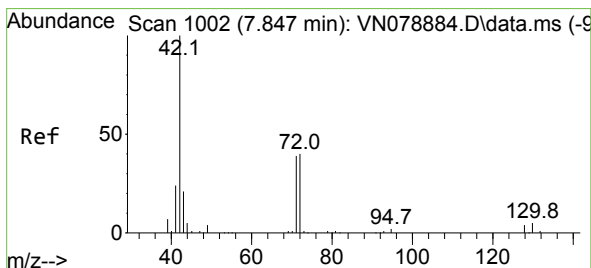
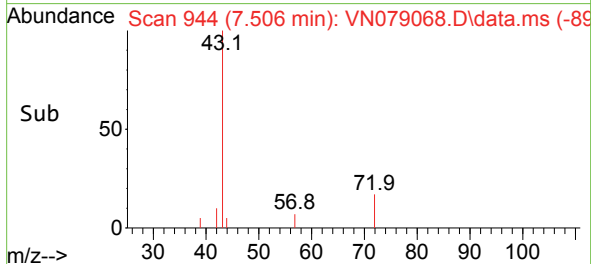
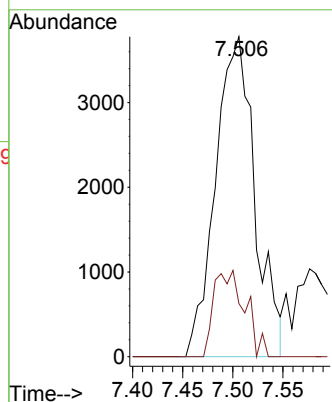
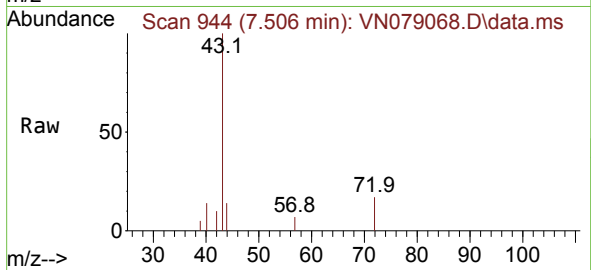




#25
2-Butanone
Concen: 4.808 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

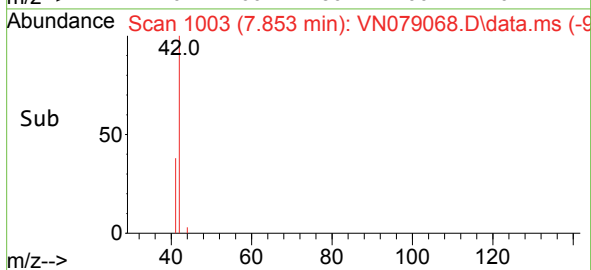
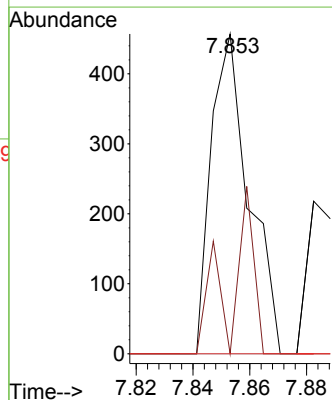
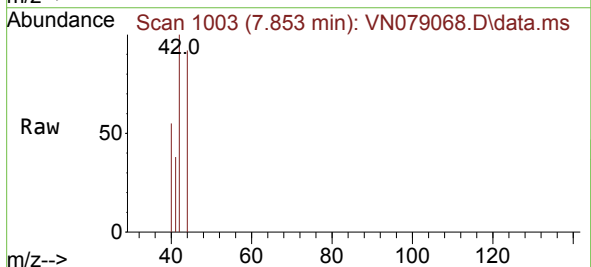
Instrument :
MSVOA_N
ClientSampleId :

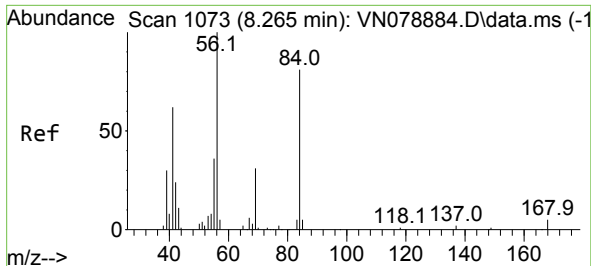
Tgt Ion: 43 Resp: 10293
Ion Ratio Lower Upper
43 100
72 16.6 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.298 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

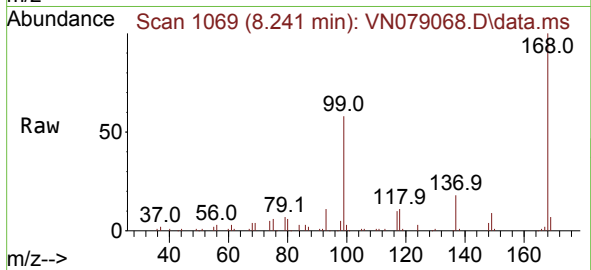
Tgt Ion: 42 Resp: 423
Ion Ratio Lower Upper
42 100
72 13.5 49.8 74.6#
71 0.0 47.4 71.2#



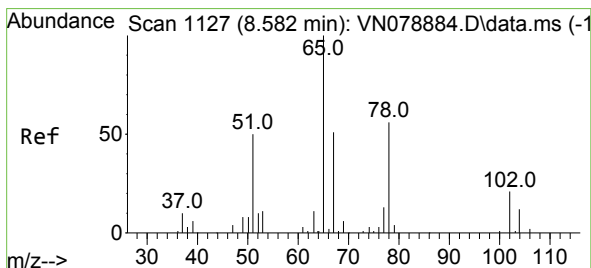
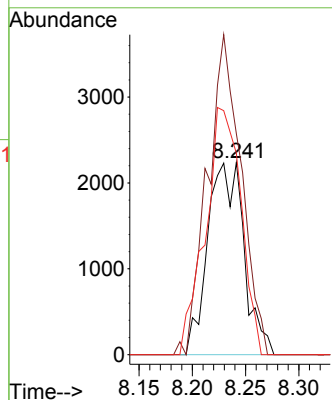
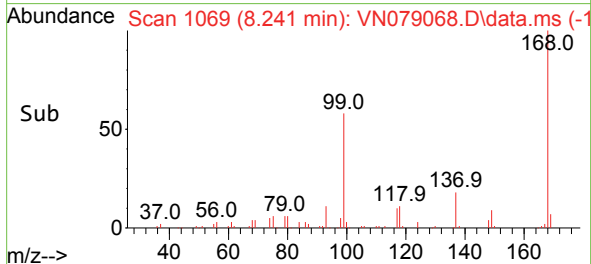


#31
Cyclohexane
Concen: Below Cal
RT: 8.241 min Scan# 1069
Delta R.T. -0.024 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :

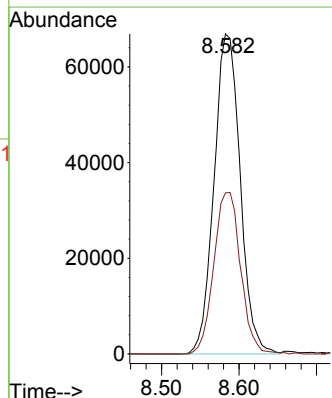
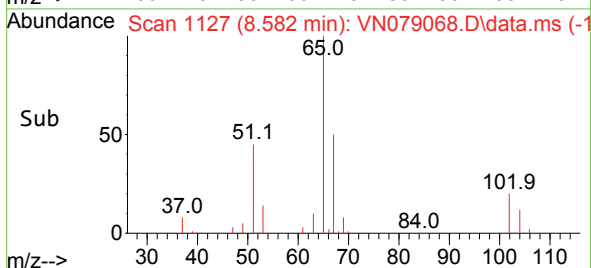
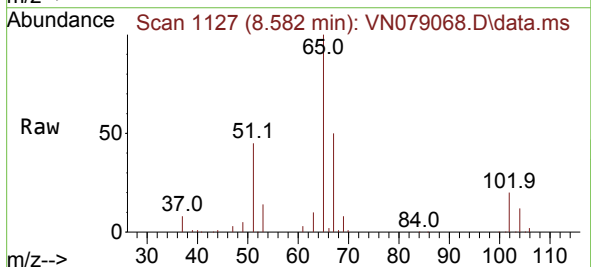


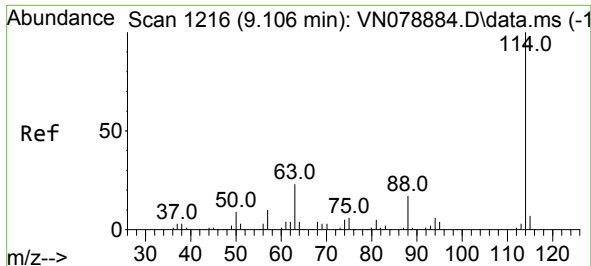
Tgt Ion: 56 Resp: 5283
Ion Ratio Lower Upper
56 100
69 115.0 26.8 40.2#
84 104.8 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 48.485 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 65 Resp: 156919
Ion Ratio Lower Upper
65 100
67 51.7 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: VN079068.D

Acq: 28 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

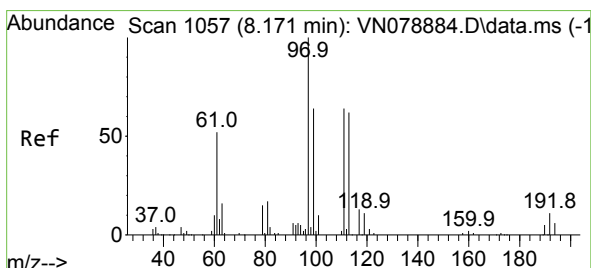
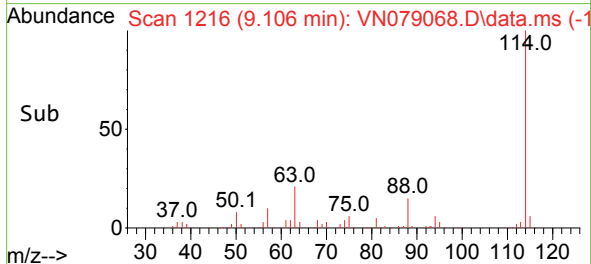
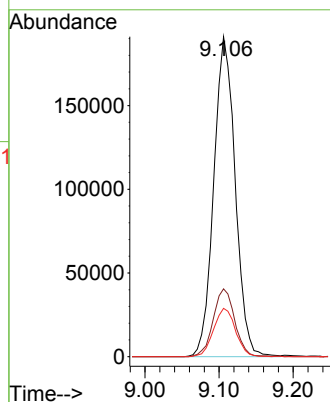
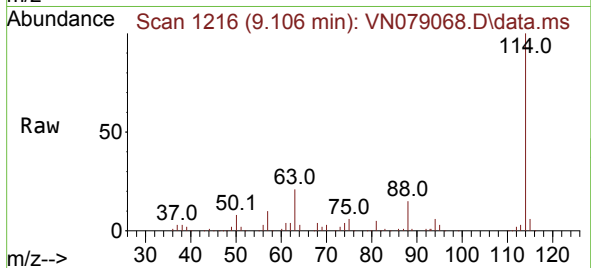
Tgt Ion:114 Resp: 383917

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.375 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079068.D

Acq: 28 Aug 2023 15:43

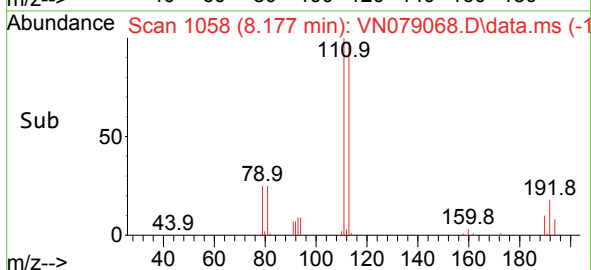
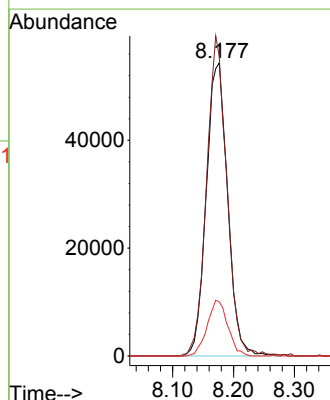
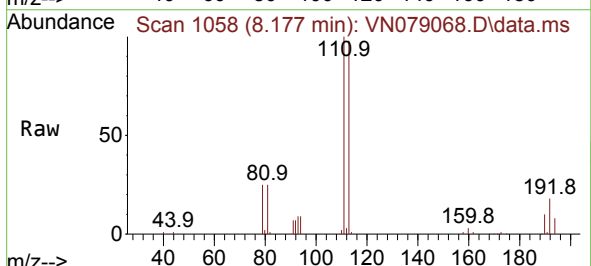
Tgt Ion:113 Resp: 132769

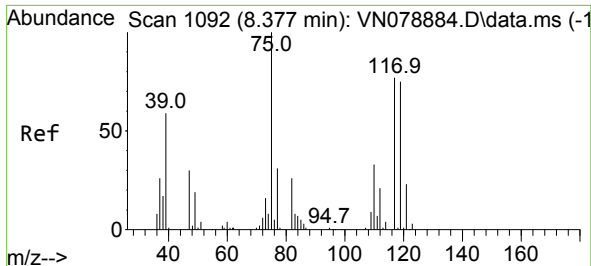
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 18.3 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.549 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.148 min

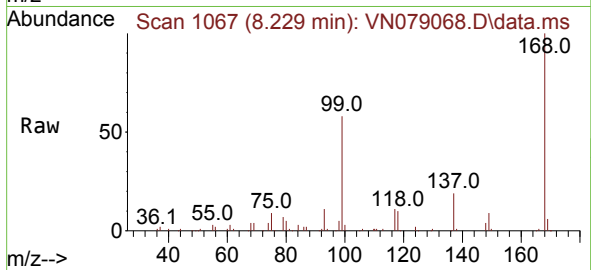
Lab File: VN079068.D

Acq: 28 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :



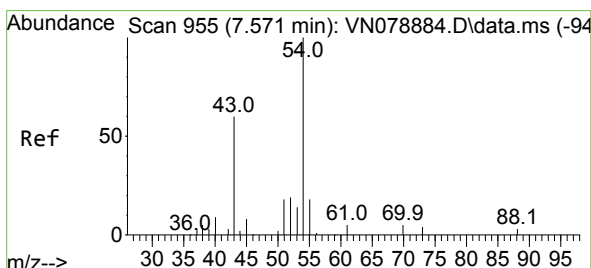
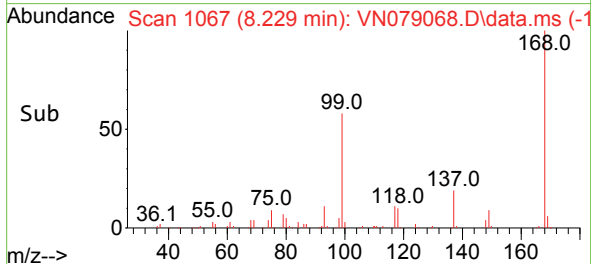
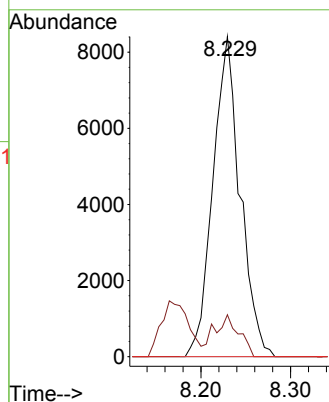
Tgt Ion: 75 Resp: 17683

Ion Ratio Lower Upper

75 100

110 11.9 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.590 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN079068.D

Acq: 28 Aug 2023 15:43

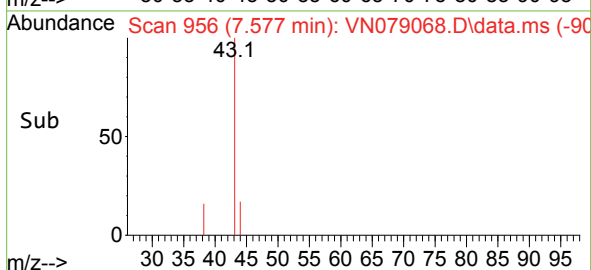
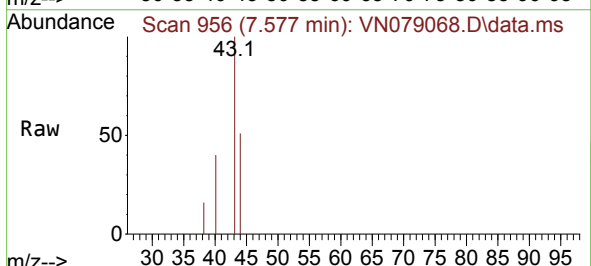
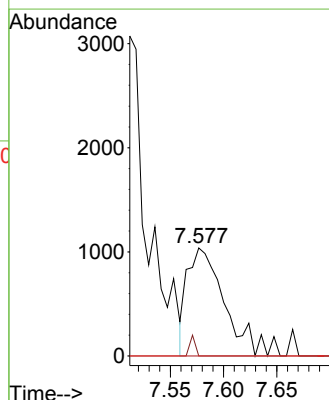
Tgt Ion: 43 Resp: 2568

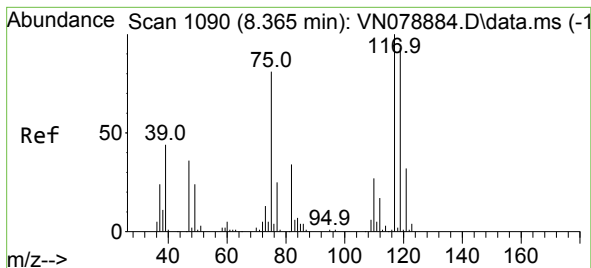
Ion Ratio Lower Upper

43 100

61 2.8 13.2 19.8#

70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.696 ug/l

RT: 8.229 min Scan# 1107

Delta R.T. -0.142 min

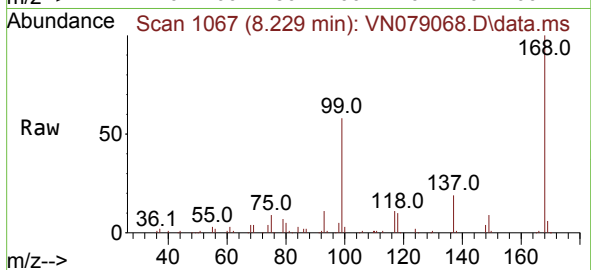
Lab File: VN079068.D

Acq: 28 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :



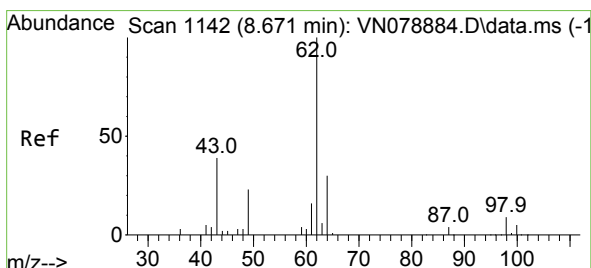
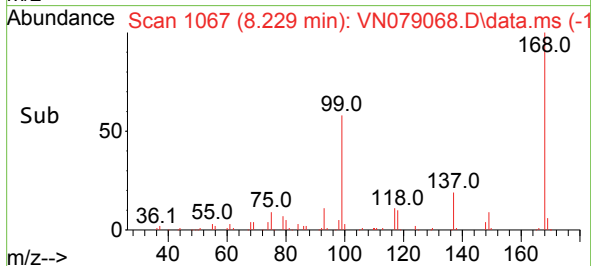
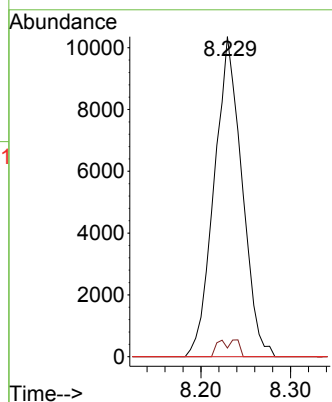
Tgt Ion:117 Resp: 22187

Ion Ratio Lower Upper

117 100

119 2.7 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.215 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.017 min

Lab File: VN079068.D

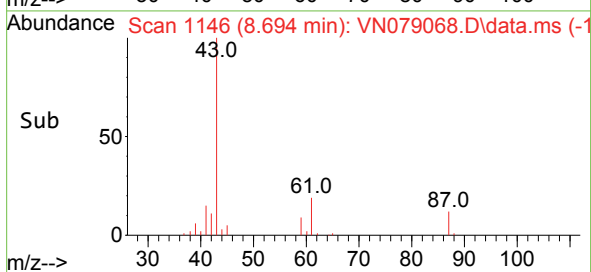
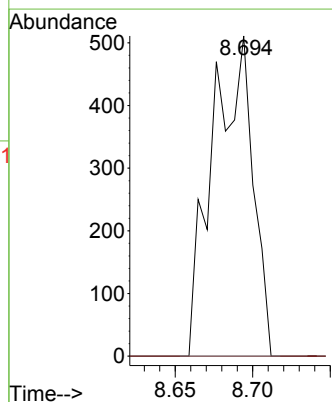
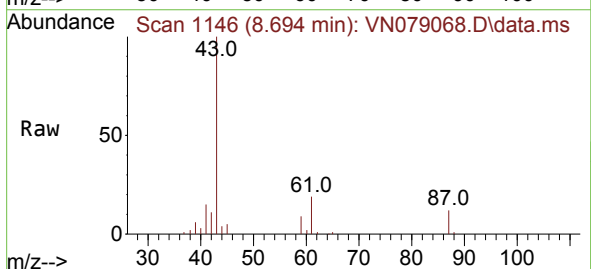
Acq: 28 Aug 2023 15:43

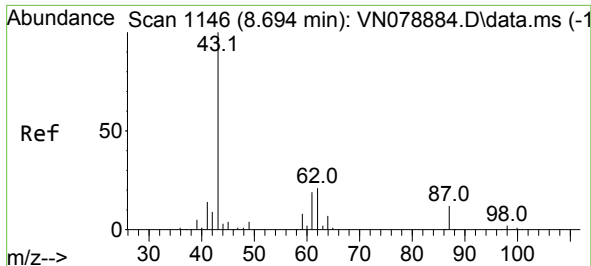
Tgt Ion: 62 Resp: 923

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

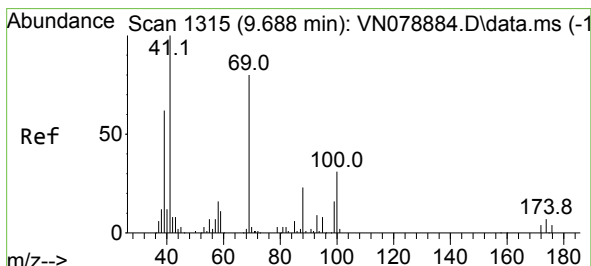
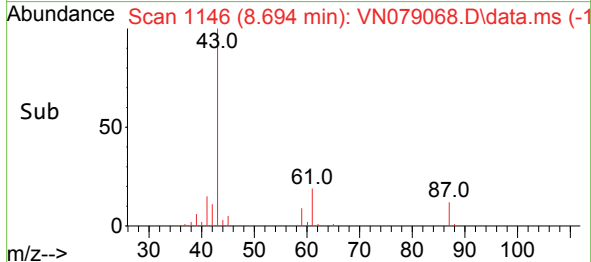
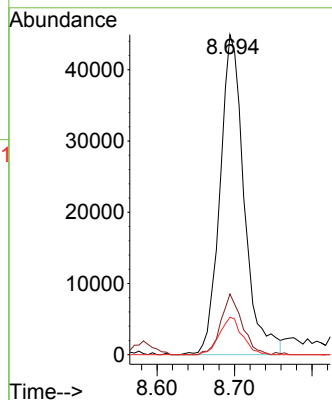
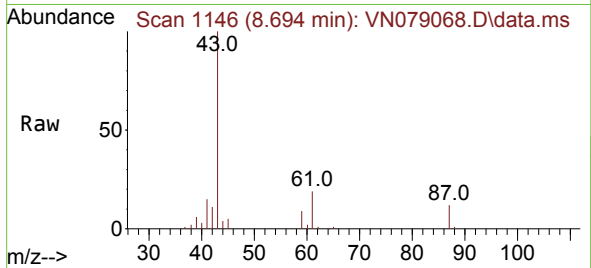




#43
Isopropyl Acetate
Concen: 12.705 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

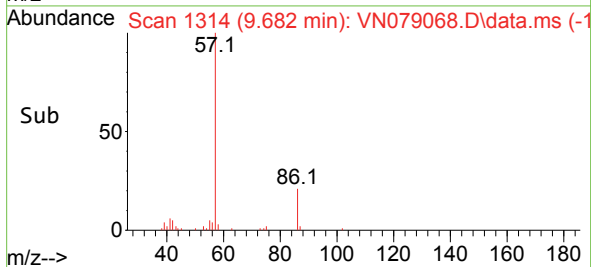
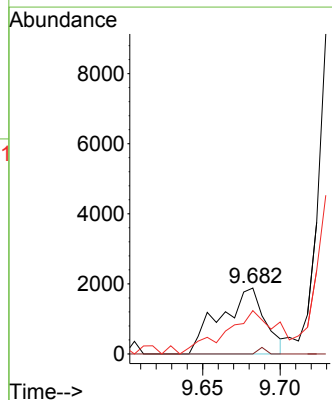
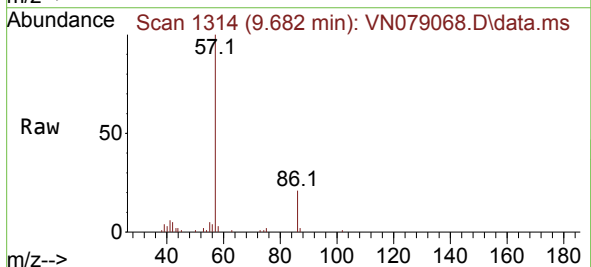
Instrument :
MSVOA_N
ClientSampleId :

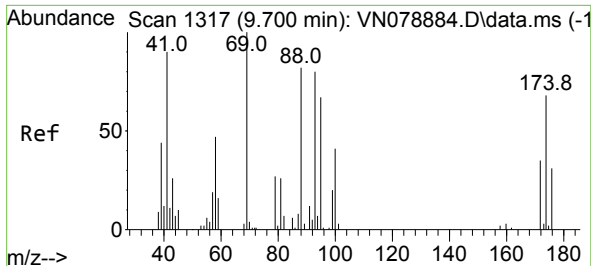
Tgt Ion: 43 Resp: 97672
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 11.1 14.6 21.8#



#48
Methyl methacrylate
Concen: 1.078 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 41 Resp: 3756
Ion Ratio Lower Upper
41 100
69 1.7 90.4 135.6#
39 74.4 54.6 81.8





#49

1,4-Dioxane

Concen: 0.927 ug/l

RT: 9.753 min Scan# 11

Delta R.T. 0.053 min

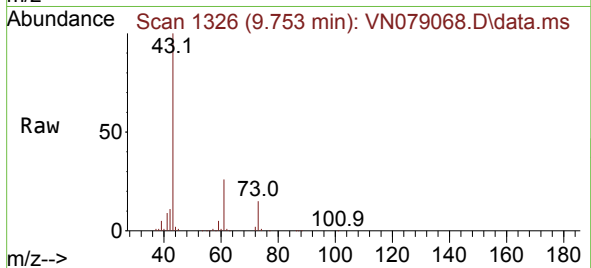
Lab File: VN079068.D

Acq: 28 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :



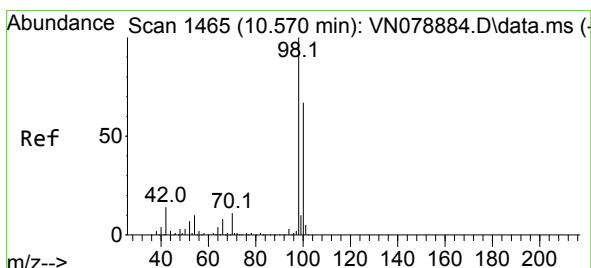
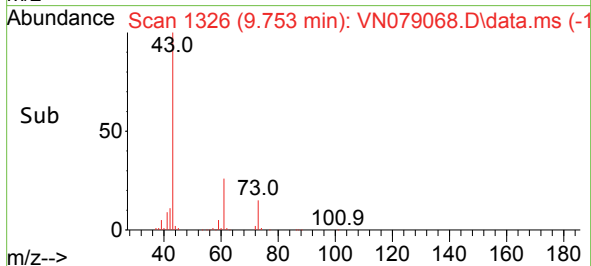
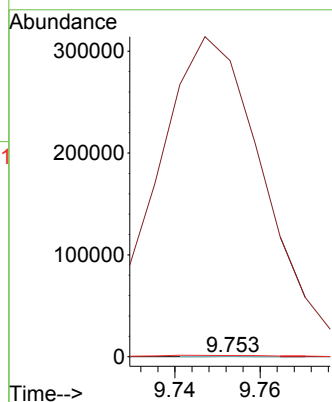
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

43 1040954.5 17.0 25.6#

58 5278.2 47.0 70.4#



#50

Toluene-d8

Concen: 48.974 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079068.D

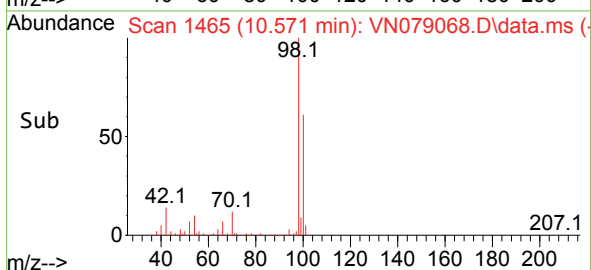
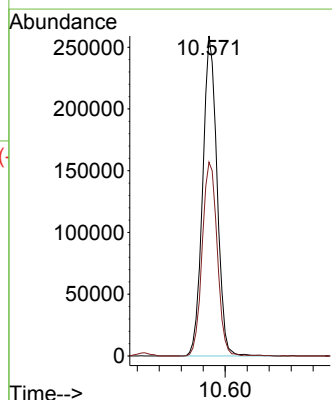
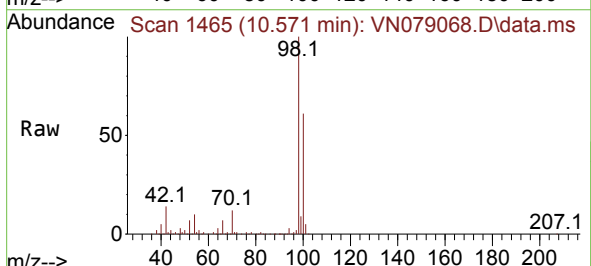
Acq: 28 Aug 2023 15:43

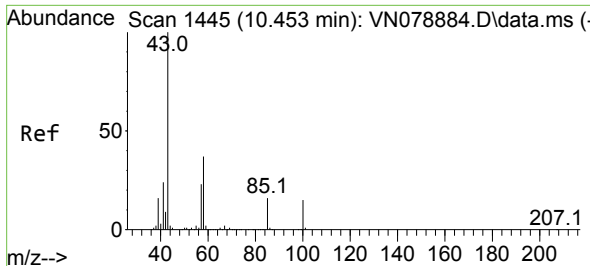
Tgt Ion: 98 Resp: 469947

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

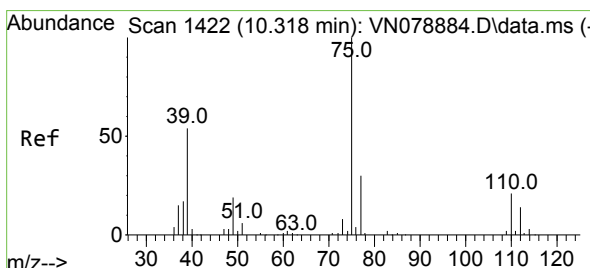
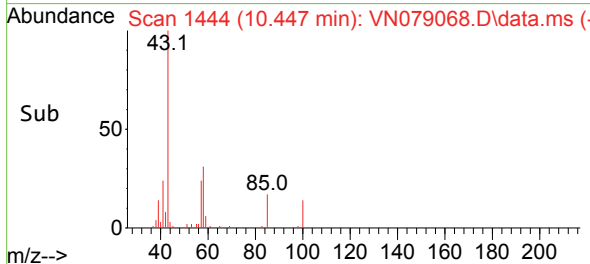
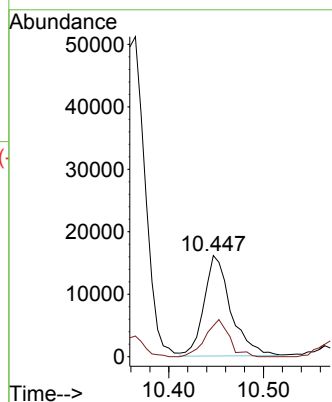
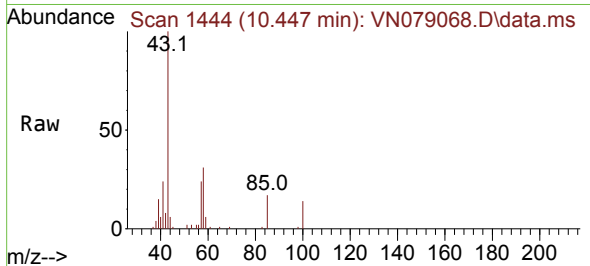




#51
4-Methyl-2-Pentanone
Concen: 6.955 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

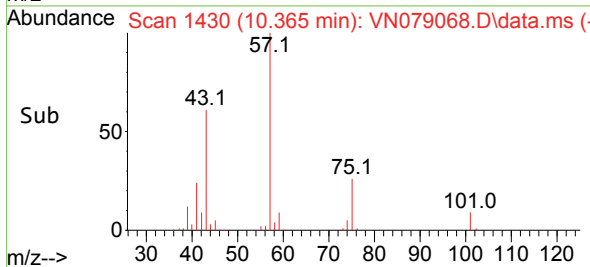
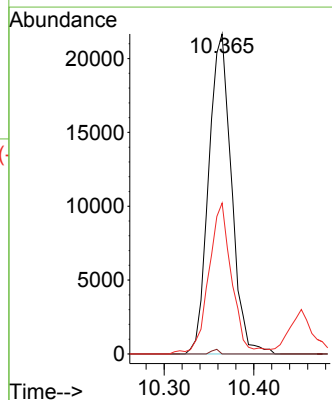
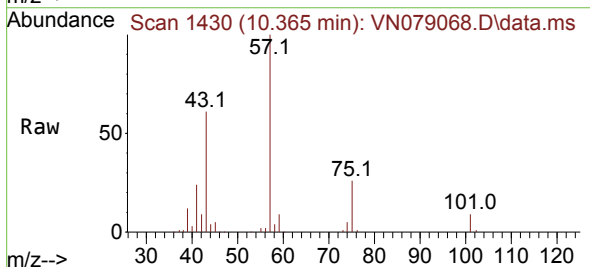
Instrument :
MSVOA_N
ClientSampleId :

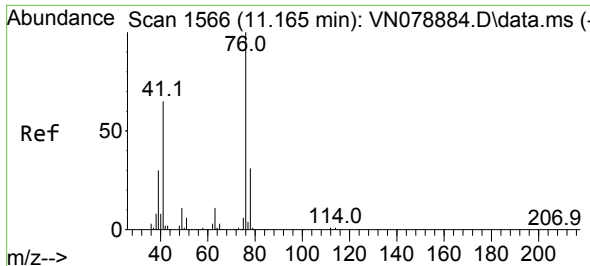
Tgt Ion: 43 Resp: 31714
Ion Ratio Lower Upper
43 100
58 32.5 36.6 54.8#



#54
cis-1,3-Dichloropropene
Concen: 7.887 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 75 Resp: 38169
Ion Ratio Lower Upper
75 100
77 0.0 26.1 39.1#
39 46.2 31.6 47.4





#57

1,3-Dichloropropane

Concen: 0.666 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN079068.D

Acq: 28 Aug 2023 15:43

Instrument :

MSVOA_N

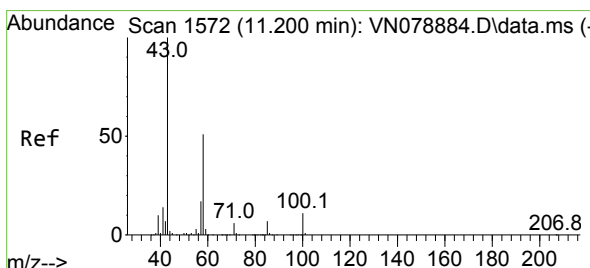
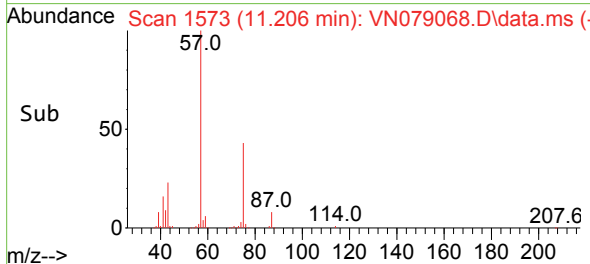
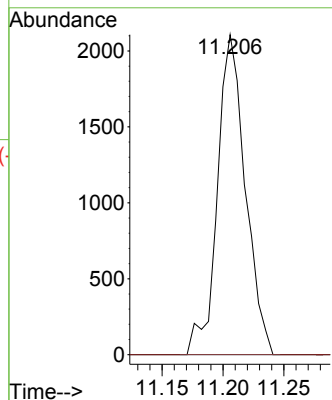
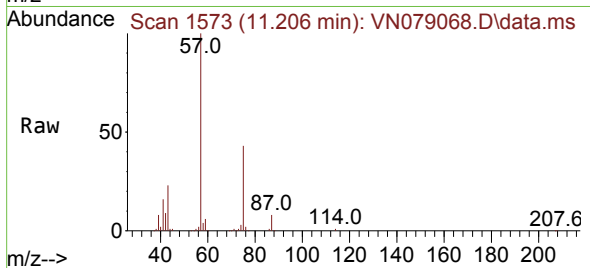
ClientSampleId :

Tgt Ion: 76 Resp: 3370

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 48.541 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.024 min

Lab File: VN079068.D

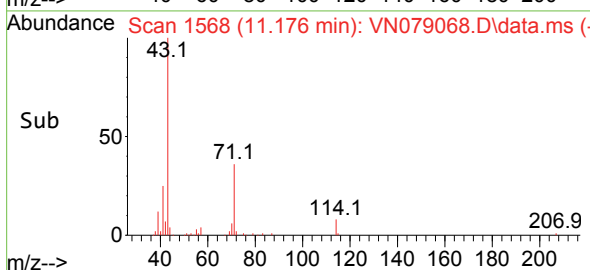
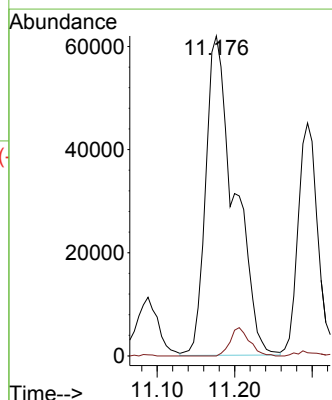
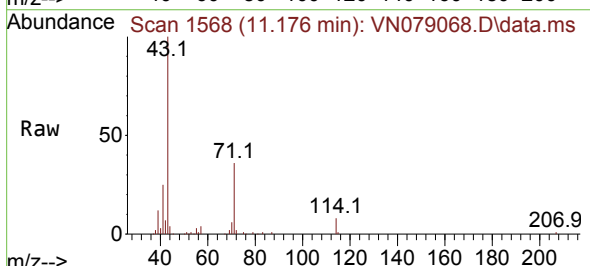
Acq: 28 Aug 2023 15:43

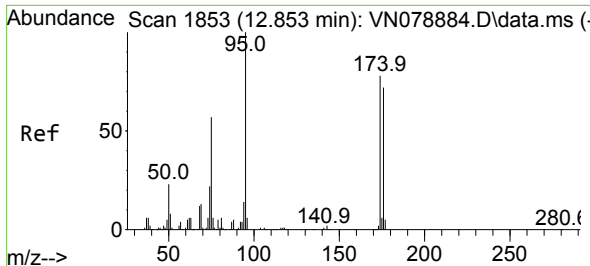
Tgt Ion: 43 Resp: 160310

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

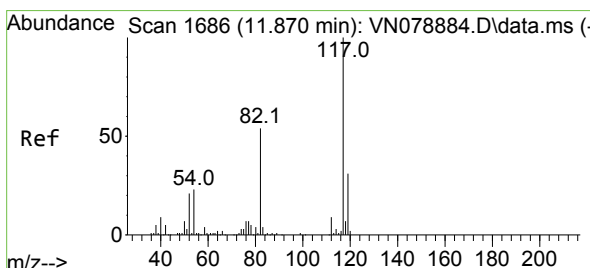
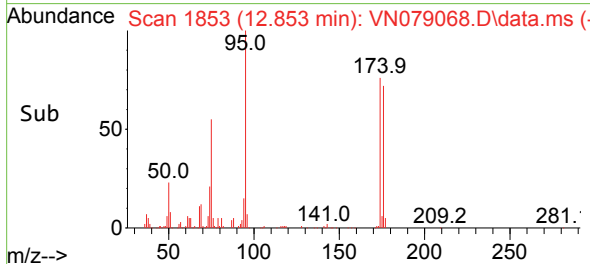
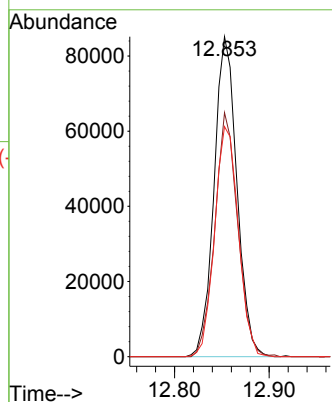
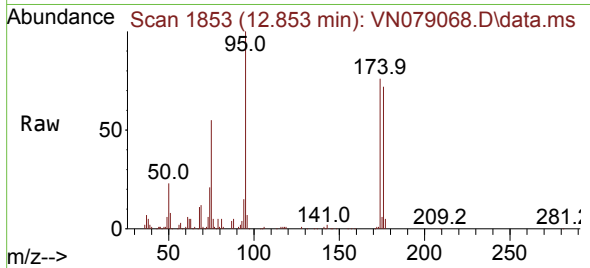




#62
4-Bromofluorobenzene
Concen: 45.495 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

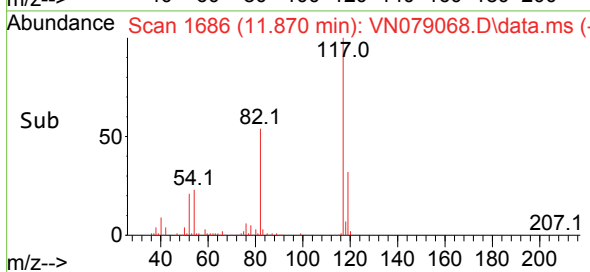
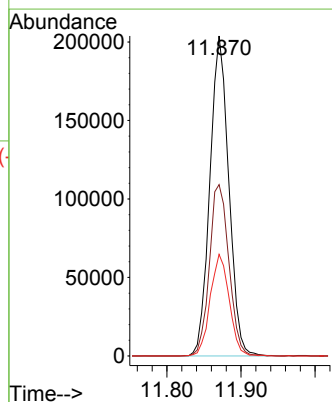
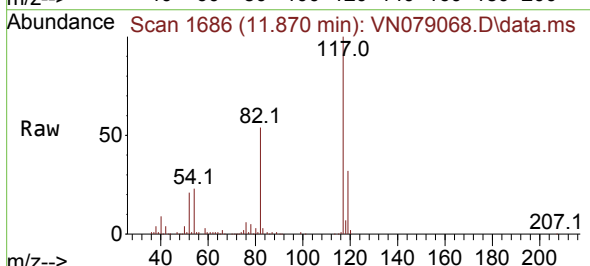
Instrument :
MSVOA_N
ClientSampleId :

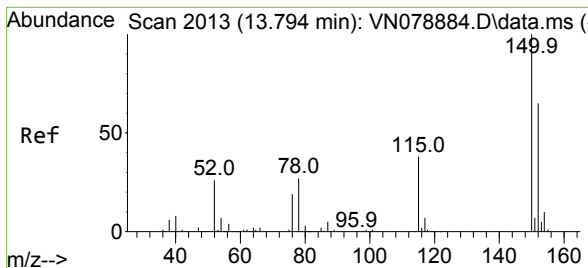
Tgt Ion: 95 Resp: 142695
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 74.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

Tgt Ion: 117 Resp: 361051
Ion Ratio Lower Upper
117 100
82 53.5 44.0 66.0
119 31.8 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: VN079068.D

Acq: 28 Aug 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

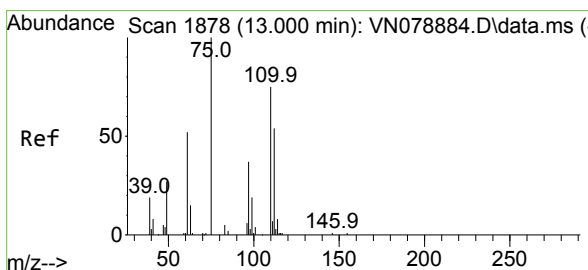
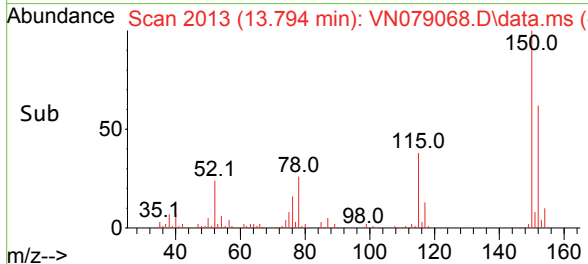
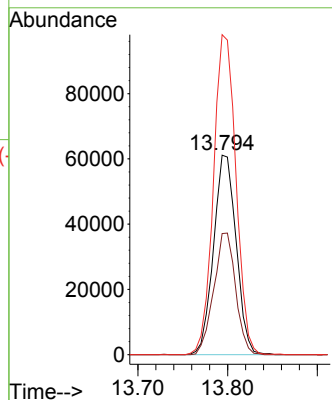
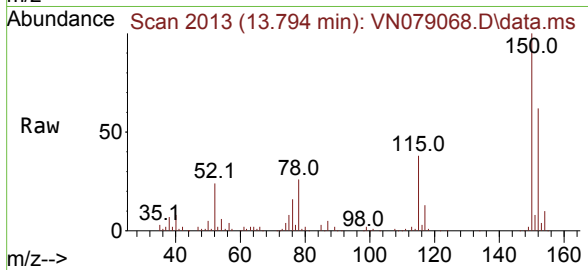
Tgt Ion:152 Resp: 107067

Ion Ratio Lower Upper

152 100

115 58.9 32.3 96.8

150 159.4 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 29.923 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079068.D

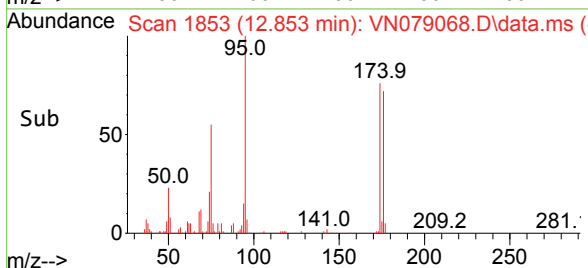
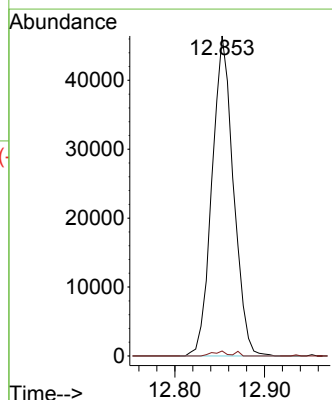
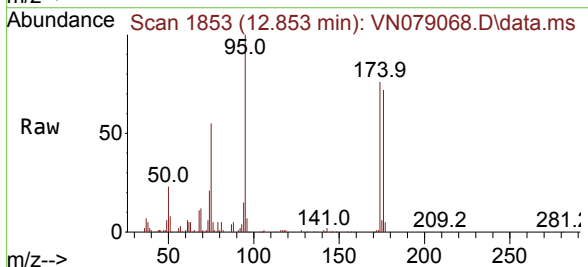
Acq: 28 Aug 2023 15:43

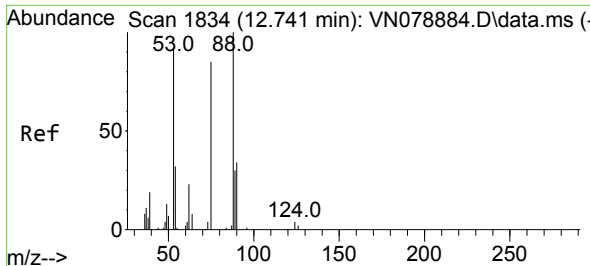
Tgt Ion: 75 Resp: 77196

Ion Ratio Lower Upper

75 100

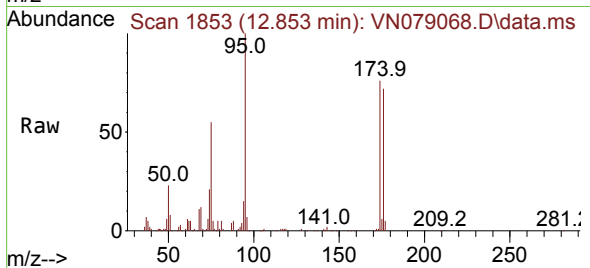
77 1.0 84.5 253.5#



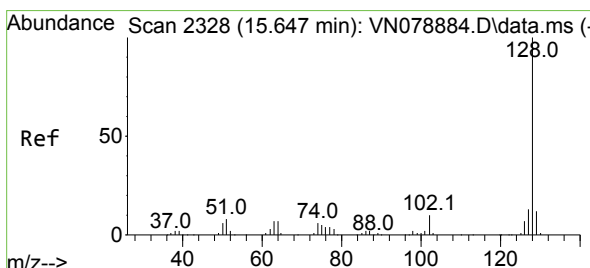
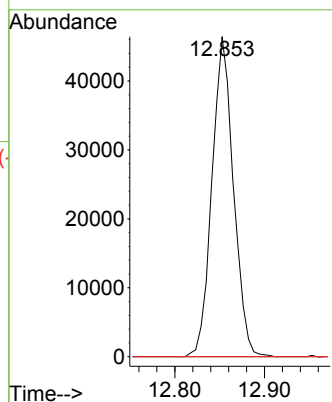
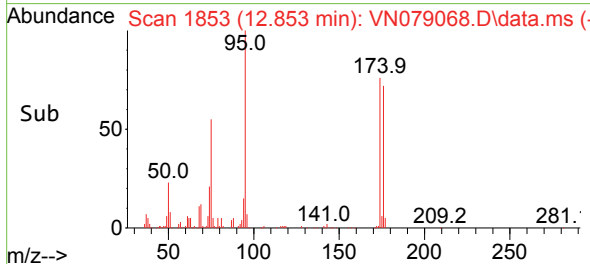


#81
trans-1,4-Dichloro-2-butene
Concen: 76.441 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43

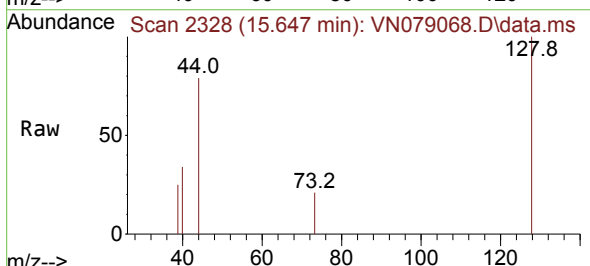
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 77196
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 2.879 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079068.D
Acq: 28 Aug 2023 15:43



Tgt Ion: 128 Resp: 1585
Ion Ratio Lower Upper
128 100
127 0.0 10.0 15.0#
129 0.0 8.7 13.1#

