

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076109.D
 Acq On : 05 Jan 2023 14:27
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 05 23:49:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	326096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	518157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	448831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	175132	49.366	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.740%
35) Dibromofluoromethane	8.177	113	157632	49.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	10.571	98	594315	49.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.853	95	182917	46.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.060%

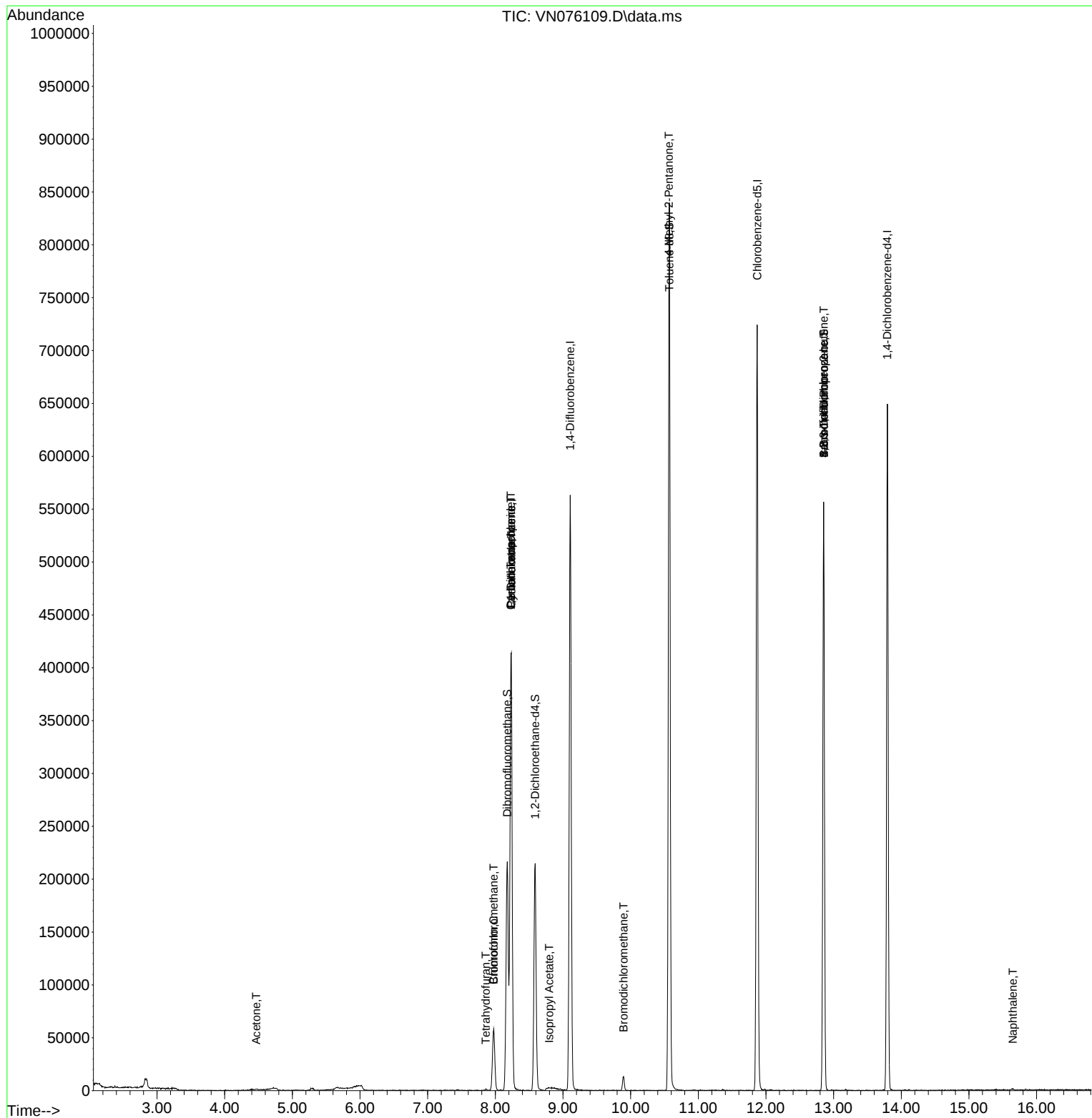
Target Compounds					Qvalue	
16) Acetone	4.465	43	659	0.539	ug/l #	39
28) Bromochloromethane	7.977	49	3905	1.628	ug/l #	4
29) Tetrahydrofuran	7.859	42	595	0.554	ug/l #	63
30) Chloroform	7.977	83	57249	9.289	ug/l	99
31) Cyclohexane	8.235	56	6352	1.250	ug/l #	36
36) 1,1-Dichloropropene	8.229	75	22566	5.294	ug/l #	49
38) Carbon Tetrachloride	8.229	117	32276	6.765	ug/l #	17
43) Isopropyl Acetate	8.794	43	3040	0.538	ug/l #	50
47) Bromodichloromethane	9.894	83	9891	2.125	ug/l #	98
51) 4-Methyl-2-Pentanone	10.565	43	2495	0.730	ug/l #	1
71) Bromoform	12.853	173	1137	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	93146	24.872	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	93146	89.526	ug/l #	12
95) Naphthalene	15.647	128	2095	2.376	ug/l #	73

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
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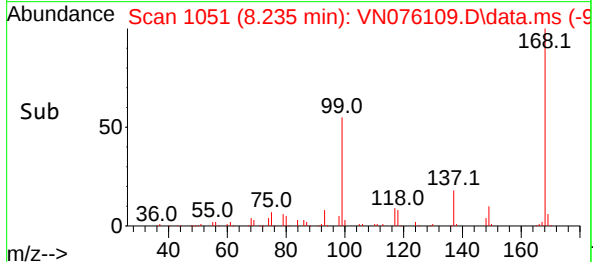
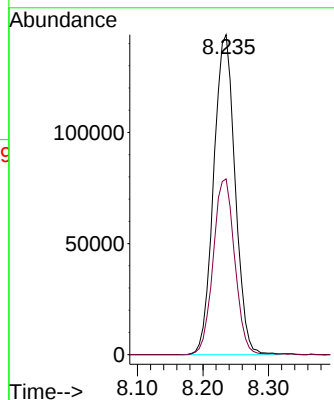
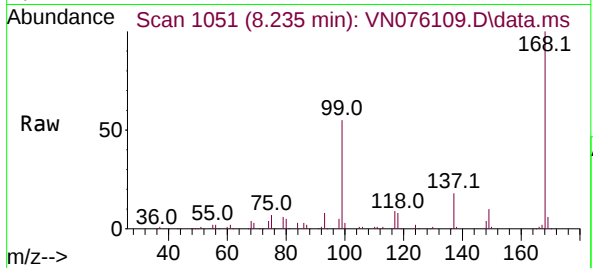




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

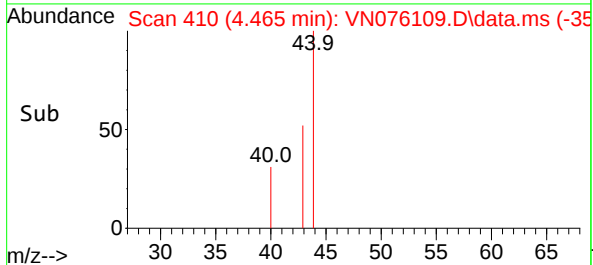
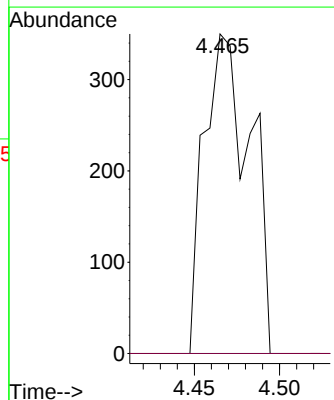
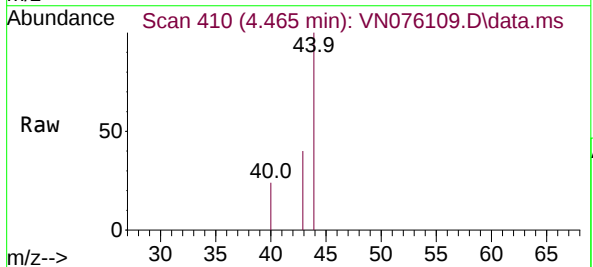
Instrument :
MSVOA_N
ClientSampleId :
IBLK

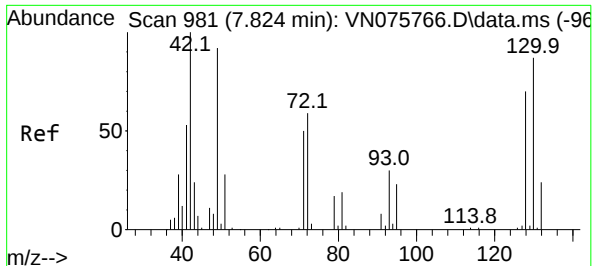
Tgt Ion:168 Resp: 326096
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#16
Acetone
Concen: 0.539 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

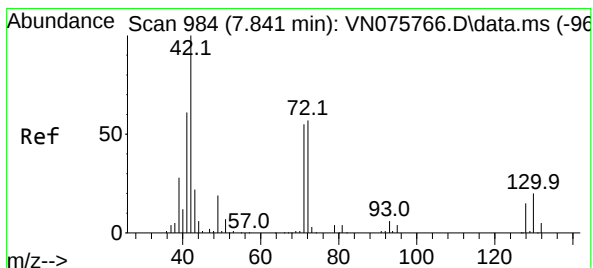
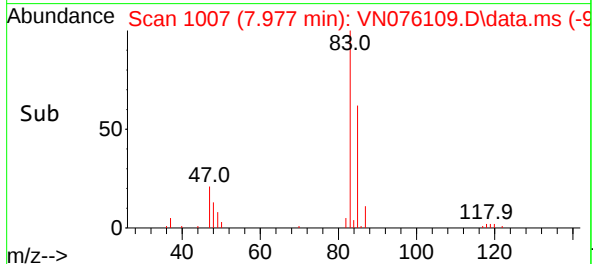
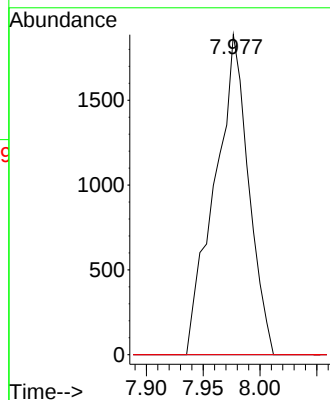
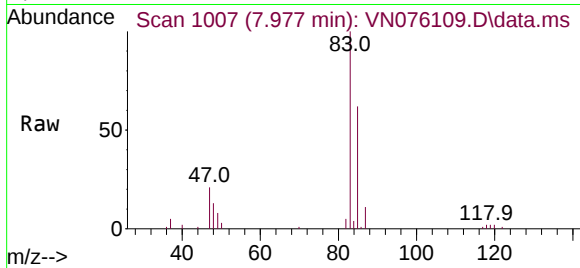




#28
Bromochloromethane
Concen: 1.628 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.153 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

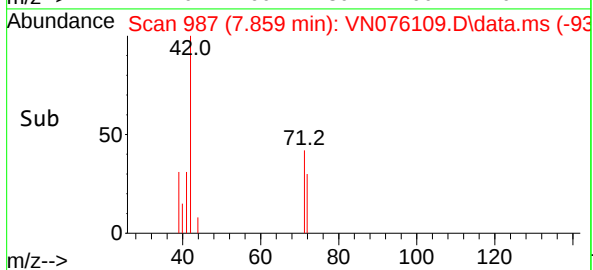
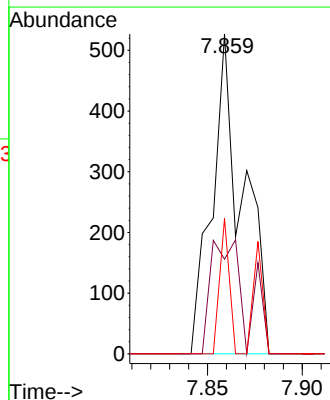
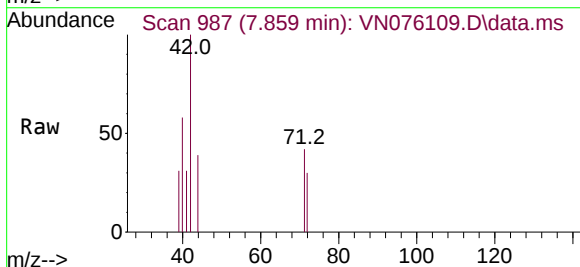
Instrument :
MSVOA_N
ClientSampleId :
IBLK

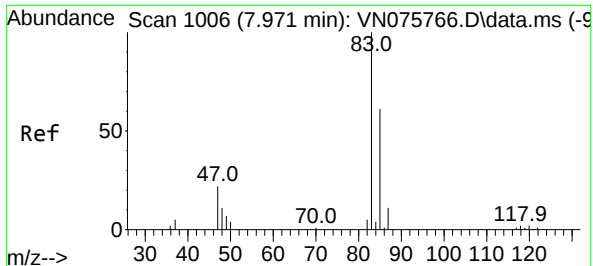
Tgt Ion: 49 Resp: 3905
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 0.0 77.0 115.4#



#29
Tetrahydrofuran
Concen: 0.554 ug/l
RT: 7.859 min Scan# 987
Delta R.T. 0.018 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion: 42 Resp: 595
Ion Ratio Lower Upper
42 100
72 40.3 44.5 66.7#
71 13.3 41.0 61.6#





#30

Chloroform

Concen: 9.289 ug/l

RT: 7.977 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VN076109.D

Acq: 05 Jan 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

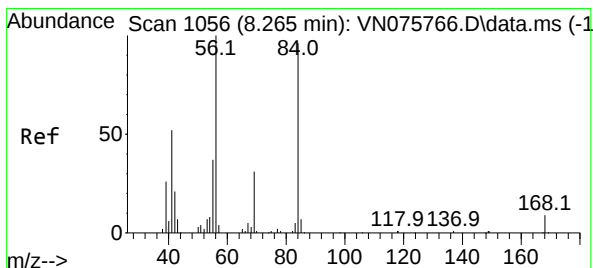
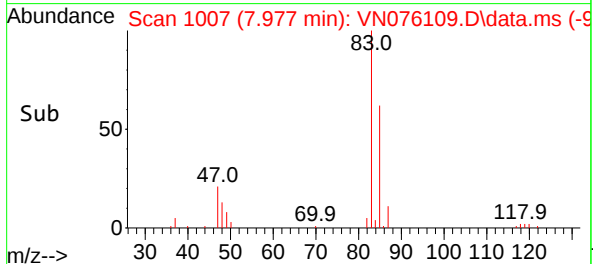
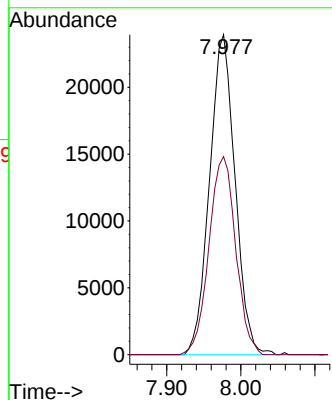
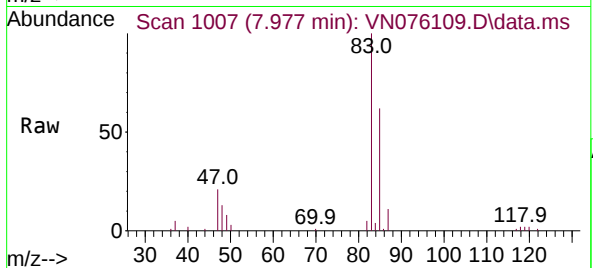
IBLK

Tgt Ion: 83 Resp: 57249

Ion Ratio Lower Upper

83 100

85 61.9 49.1 73.7



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.030 min

Lab File: VN076109.D

Acq: 05 Jan 2023 14:27

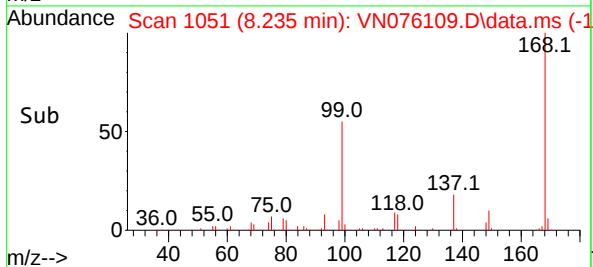
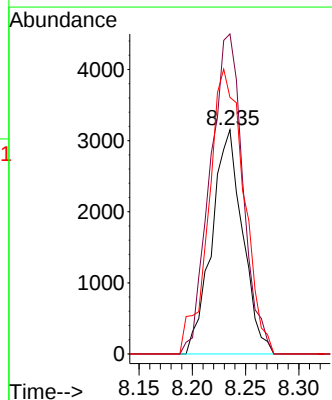
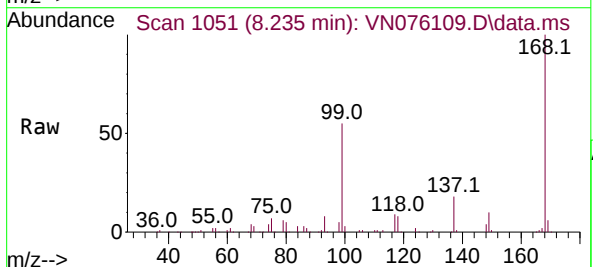
Tgt Ion: 56 Resp: 6352

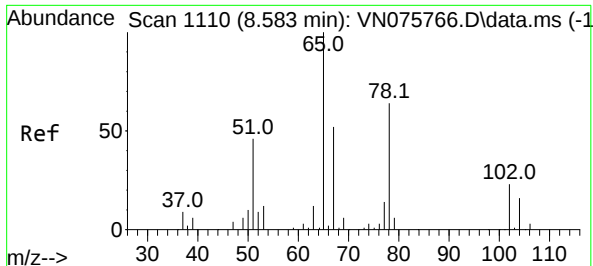
Ion Ratio Lower Upper

56 100

69 142.8 24.7 37.1#

84 114.5 76.5 114.7





#33

1,2-Dichloroethane-d4

Concen: 49.366 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076109.D

Acq: 05 Jan 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

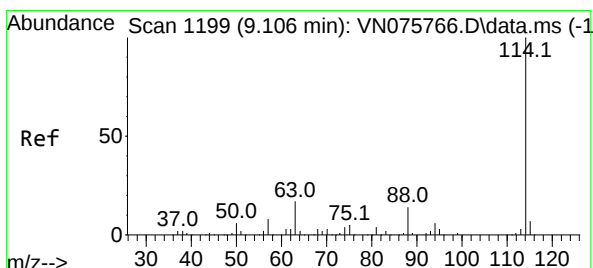
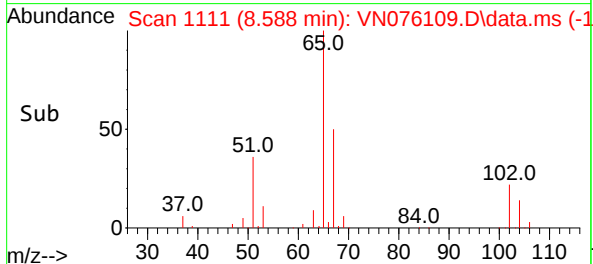
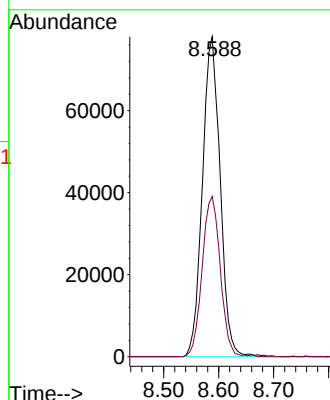
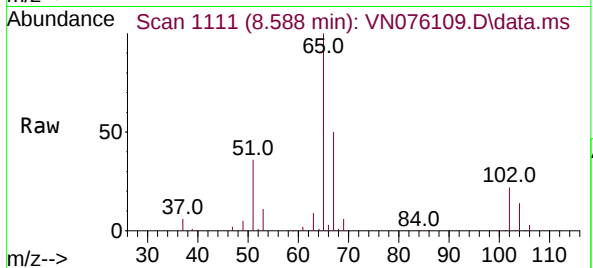
IBLK

Tgt Ion: 65 Resp: 175132

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076109.D

Acq: 05 Jan 2023 14:27

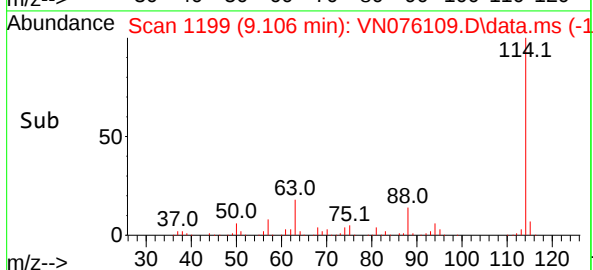
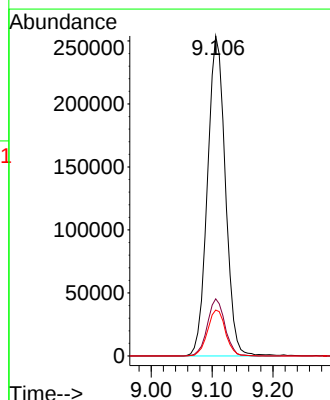
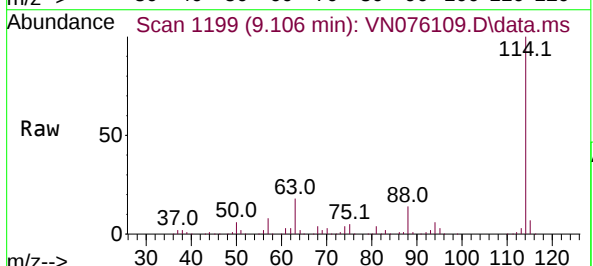
Tgt Ion: 114 Resp: 518157

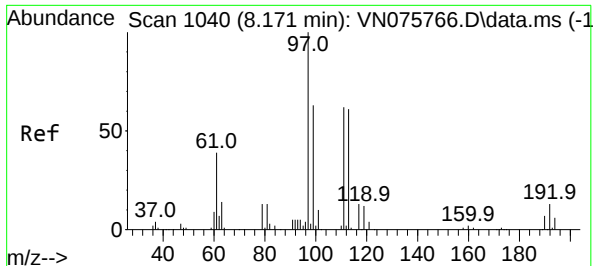
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.124 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076109.D

Acq: 05 Jan 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

IBLK

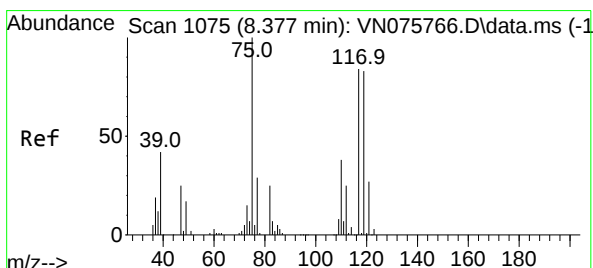
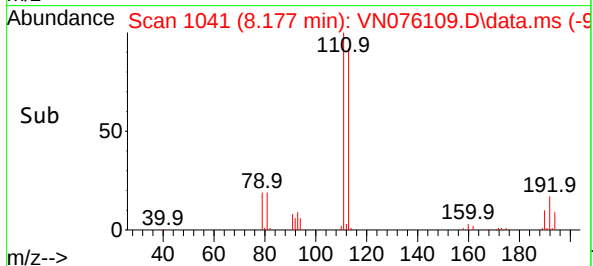
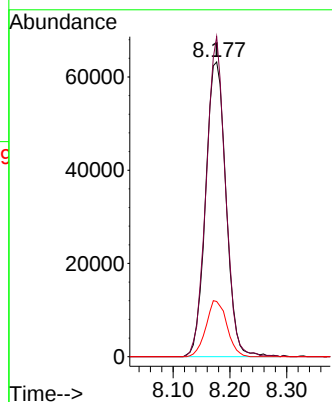
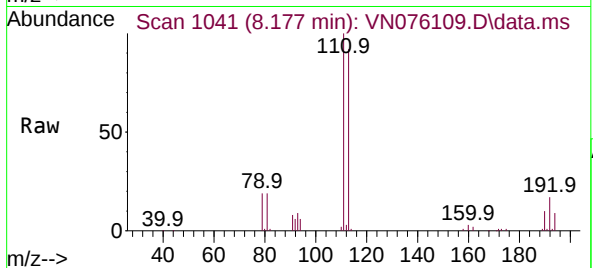
Tgt Ion:113 Resp: 157632

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.294 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076109.D

Acq: 05 Jan 2023 14:27

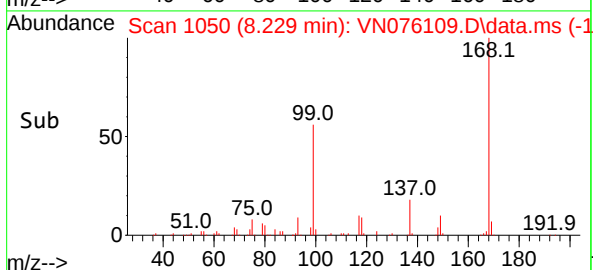
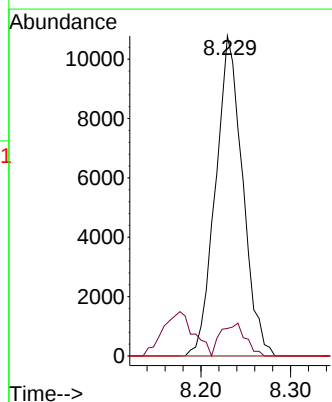
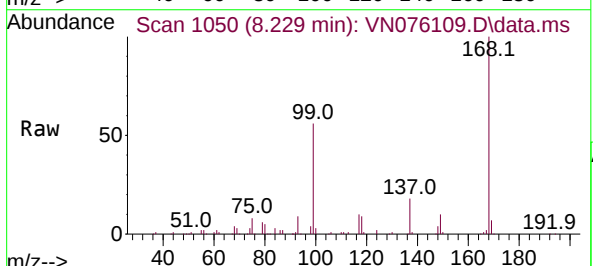
Tgt Ion: 75 Resp: 22566

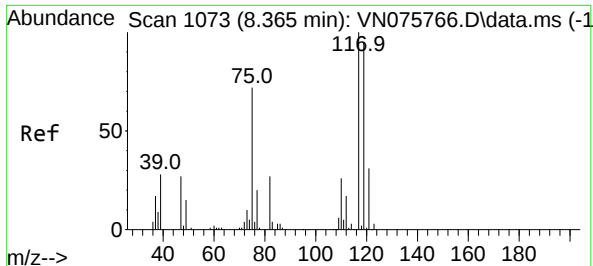
Ion Ratio Lower Upper

75 100

110 9.4 18.8 56.4#

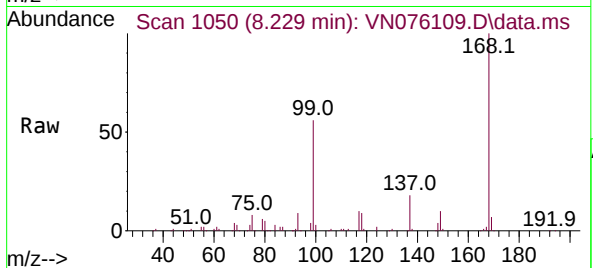
77 0.0 24.1 36.1#



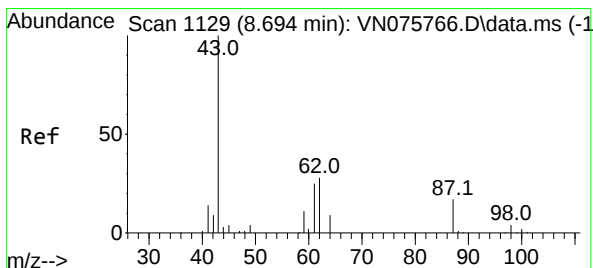
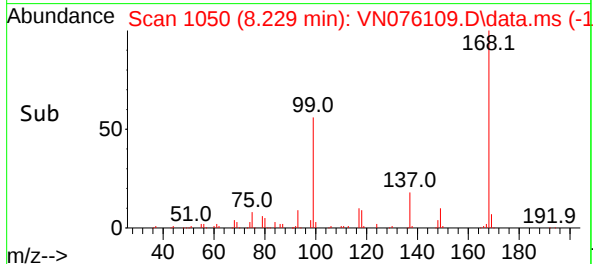
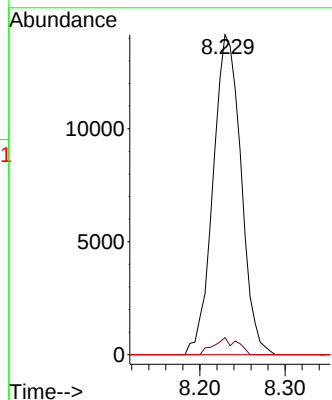


#38
Carbon Tetrachloride
Concen: 6.765 ug/l
RT: 8.229 min Scan# 1146
Delta R.T. -0.135 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :
IBLK

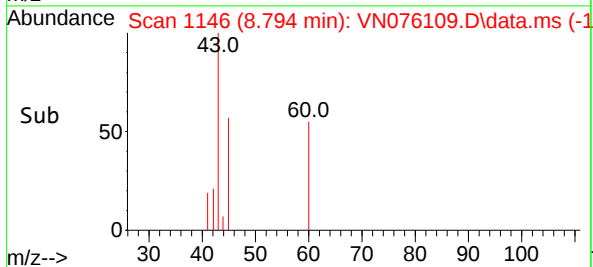
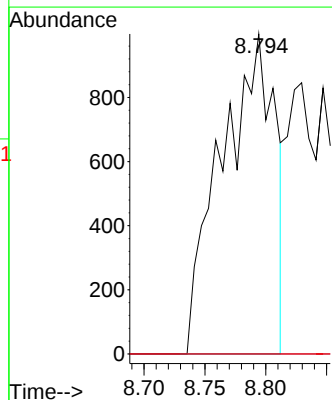
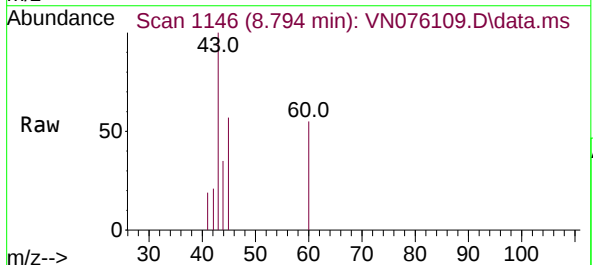


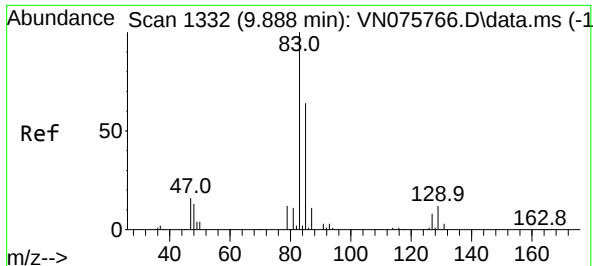
Tgt Ion:117 Resp: 32276
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.538 ug/l
RT: 8.794 min Scan# 1146
Delta R.T. 0.100 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion: 43 Resp: 3040
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

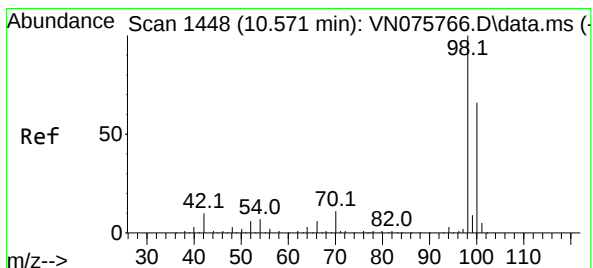
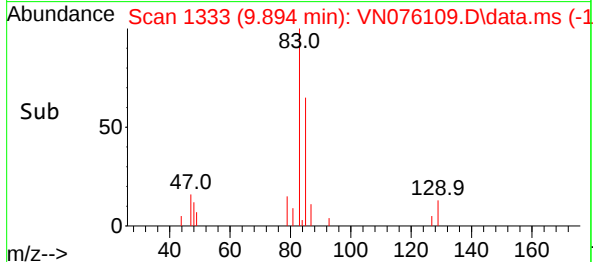
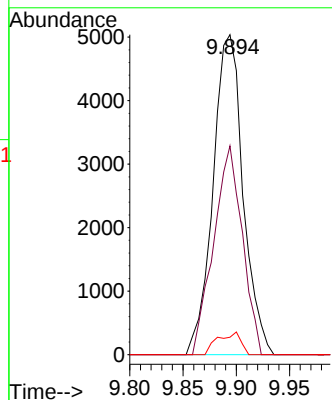
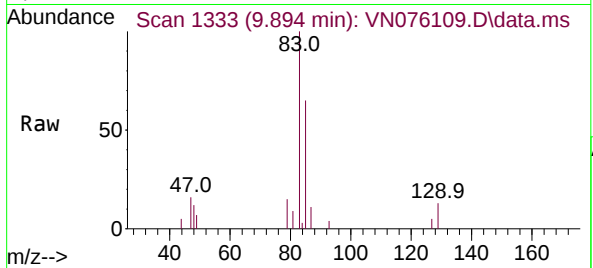




#47
Bromodichloromethane
Concen: 2.125 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

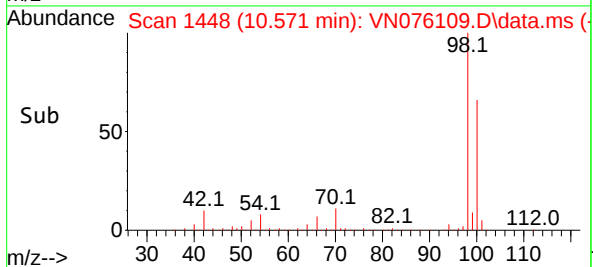
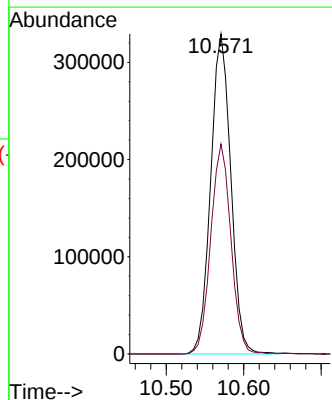
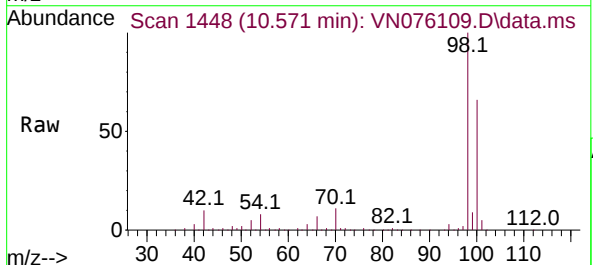
Instrument :
MSVOA_N
ClientSampleId :
IBLK

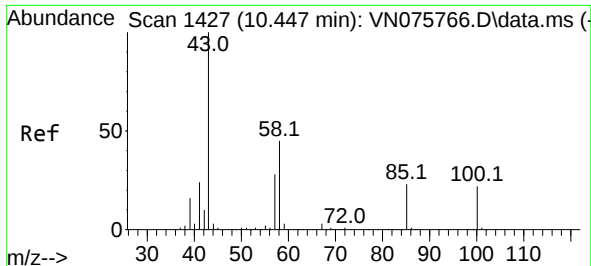
Tgt Ion: 83 Resp: 9891
Ion Ratio Lower Upper
83 100
85 65.3 51.5 77.3
127 5.5 6.6 10.0#



#50
Toluene-d8
Concen: 49.536 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion: 98 Resp: 594315
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1

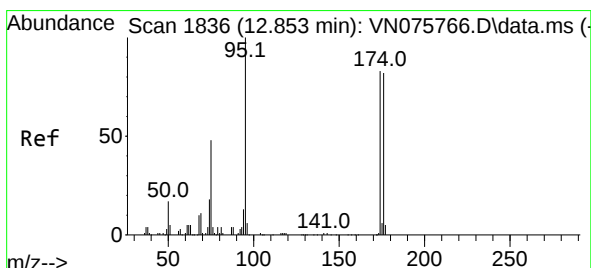
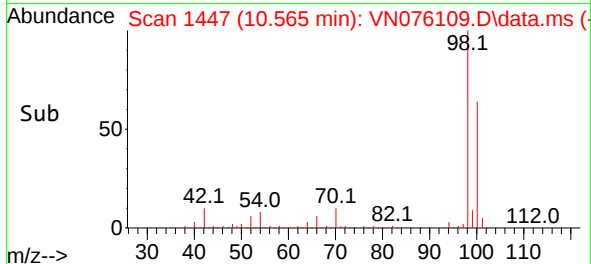
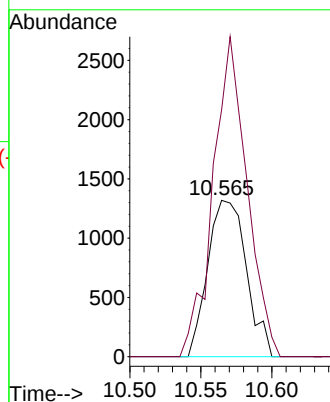
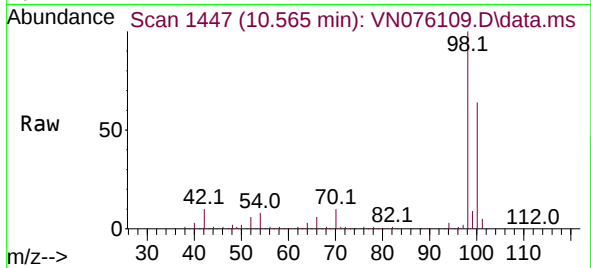




#51
4-Methyl-2-Pentanone
Concen: 0.730 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

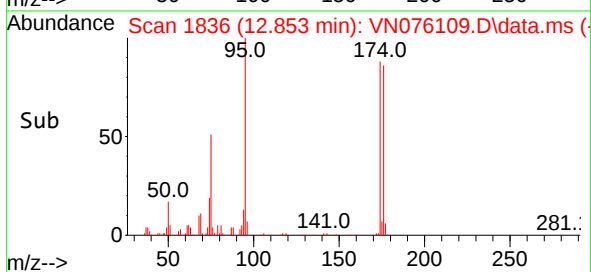
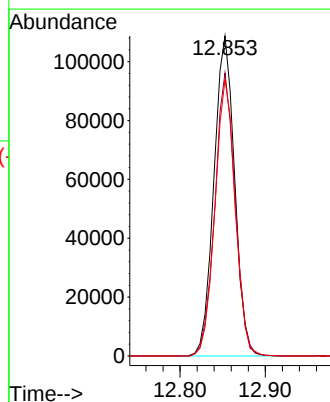
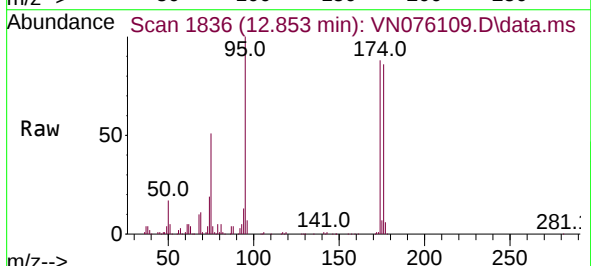
Instrument :
MSVOA_N
ClientSampleId :
IBLK

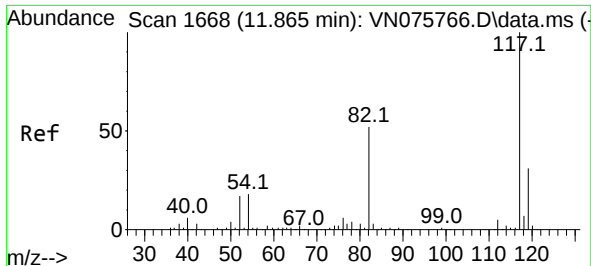
Tgt Ion: 43 Resp: 2495
Ion Ratio Lower Upper
43 100
58 180.4 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 46.031 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion: 95 Resp: 182917
Ion Ratio Lower Upper
95 100
174 87.0 0.0 171.6
176 84.3 0.0 169.2

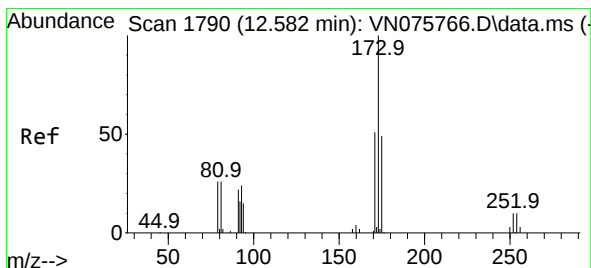
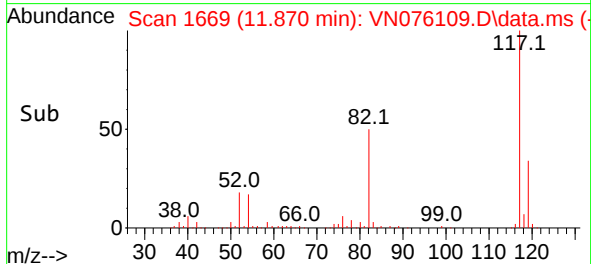
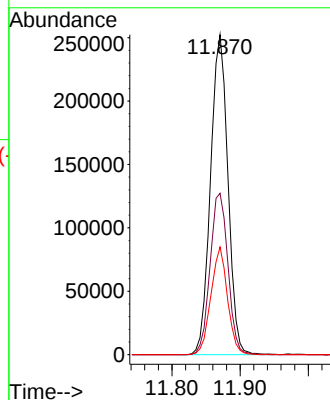
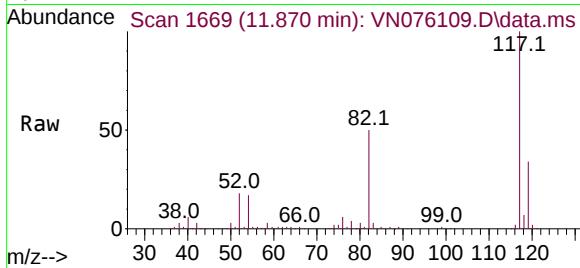




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

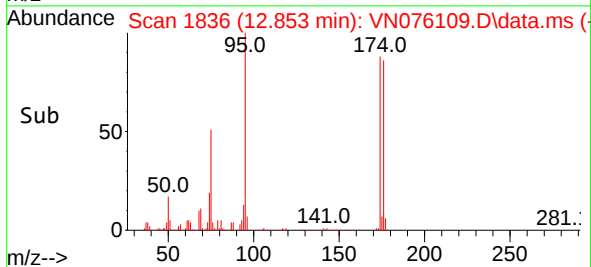
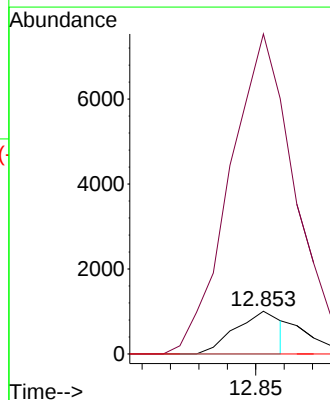
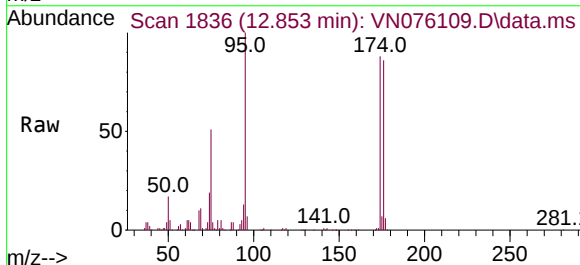
Instrument :
MSVOA_N
ClientSampleId :
IBLK

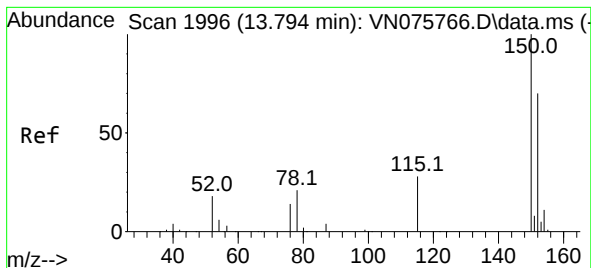
Tgt Ion:117 Resp: 448831
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 33.6 24.6 37.0



#71
Bromoform
Concen: 0.458 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion:173 Resp: 1137
Ion Ratio Lower Upper
173 100
175 839.9 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076109.D

Acq: 05 Jan 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

IBLK

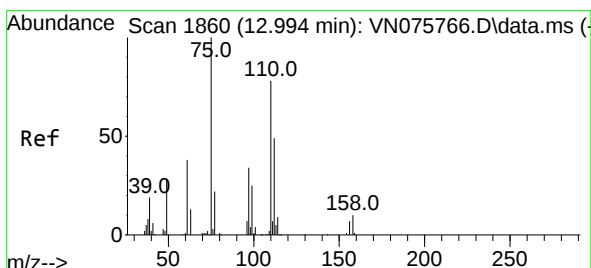
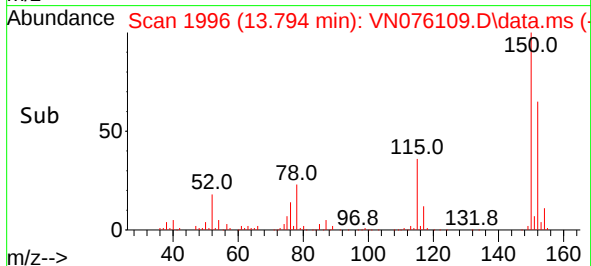
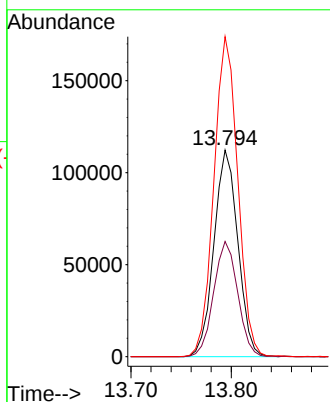
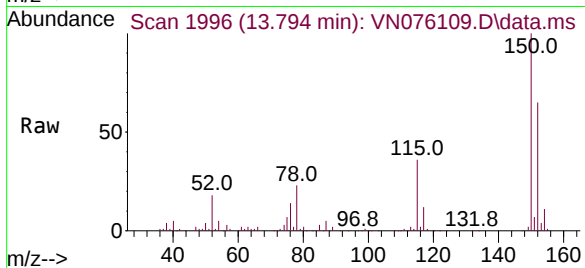
Tgt Ion:152 Resp: 185788

Ion Ratio Lower Upper

152 100

115 56.0 29.1 87.4

150 155.0 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 24.872 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076109.D

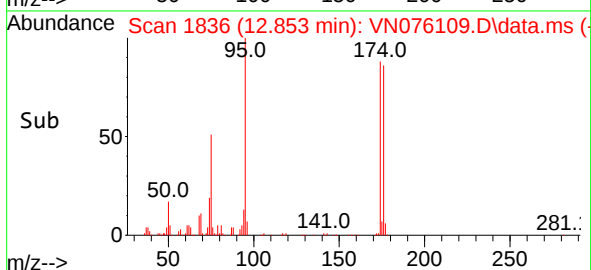
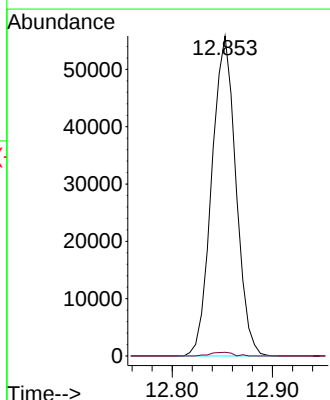
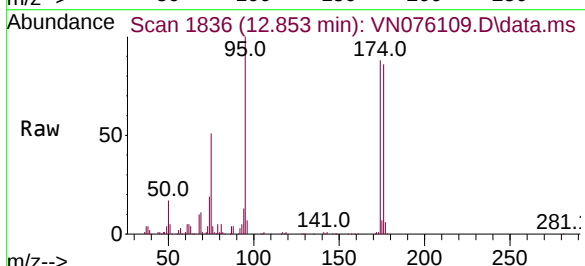
Acq: 05 Jan 2023 14:27

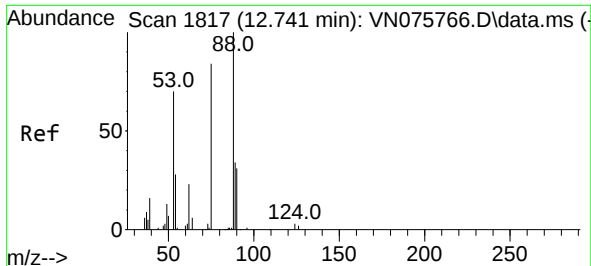
Tgt Ion: 75 Resp: 93146

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#

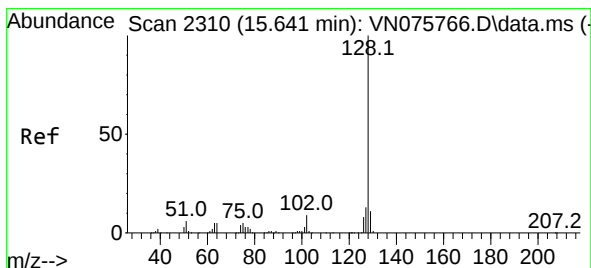
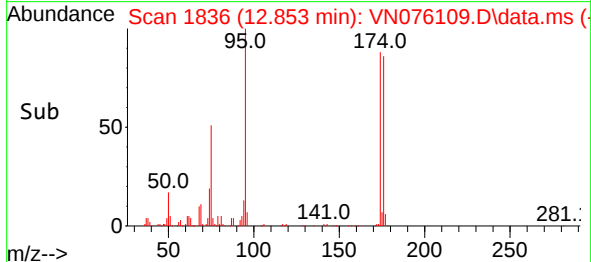
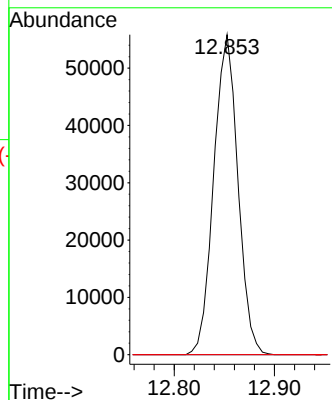
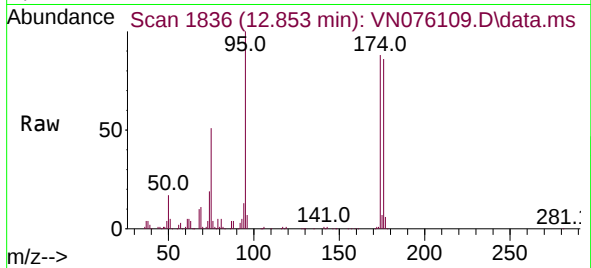




#81
trans-1,4-Dichloro-2-butene
Concen: 89.526 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 93146
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.376 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion: 128 Resp: 2095
Ion Ratio Lower Upper
128 100
127 2.8 10.4 15.6#
129 0.0 8.7 13.1#

