

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075922.D
 Acq On : 21 Dec 2022 16:17
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 22 03:03:16 2022
 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	8.229	168	389541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	600603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	516755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	199024	46.964	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.920%
35) Dibromofluoromethane	8.171	113	182269	49.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	10.571	98	692491	49.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.853	95	211362	45.888	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.780%

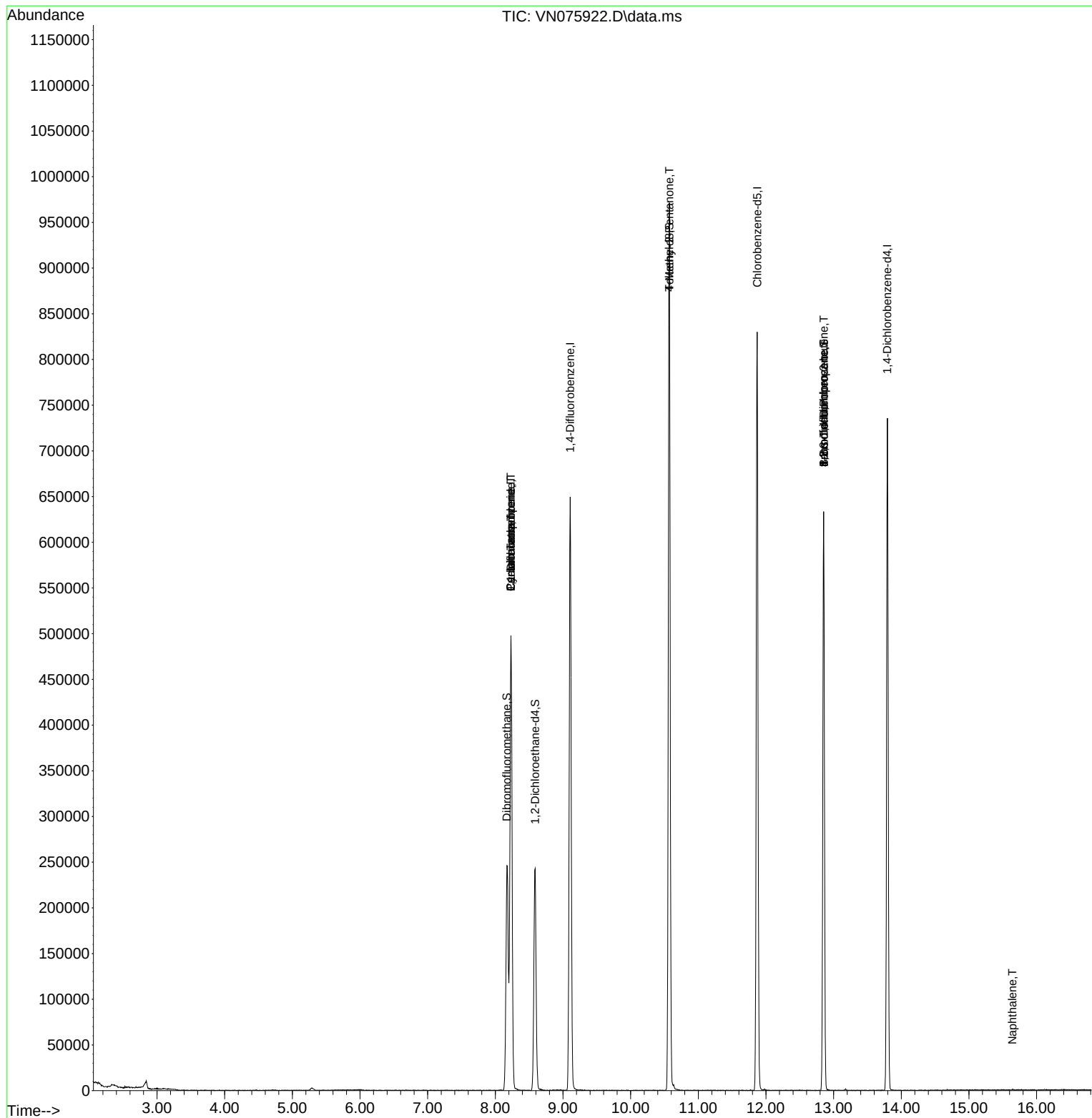
Target Compounds					Qvalue	
20) Methylene Chloride	5.300	84	2444	Below Cal	#	79
31) Cyclohexane	8.229	56	7462	1.229	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	27549	5.576	ug/l #	49
38) Carbon Tetrachloride	8.229	117	38336	6.932	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2302	0.581	ug/l #	1
71) Bromoform	12.853	173	1729	0.605	ug/l #	29
76) 1,2,3-Trichloropropane	12.853	75	107334	25.461	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	107334	91.648	ug/l #	12
95) Naphthalene	15.641	128	531	2.222	ug/l #	69

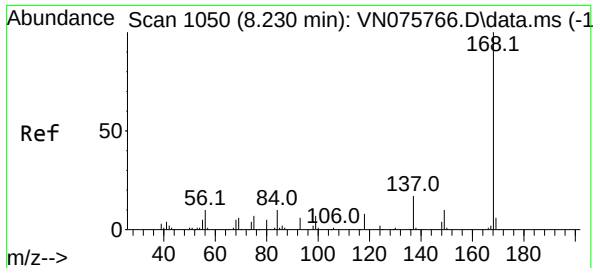
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
Data File : VN075922.D
Acq On : 21 Dec 2022 16:17
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Dec 22 03:03:16 2022
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

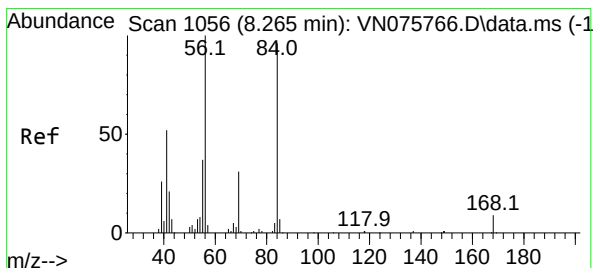
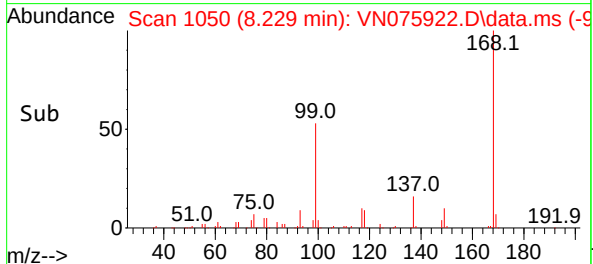
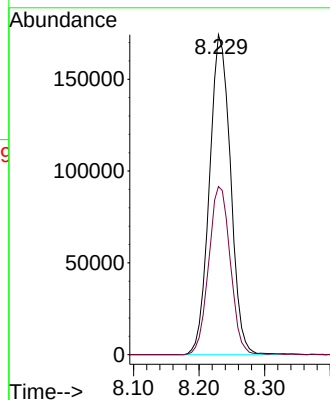
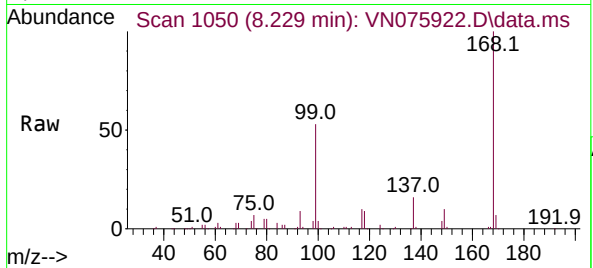




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075922.D
Acq: 21 Dec 2022 16:17

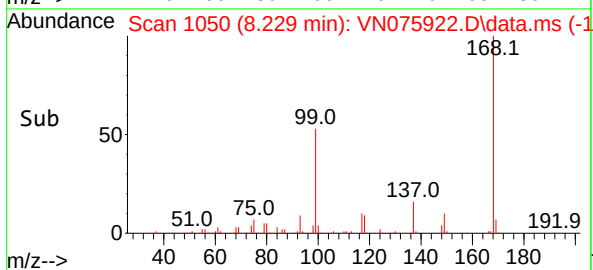
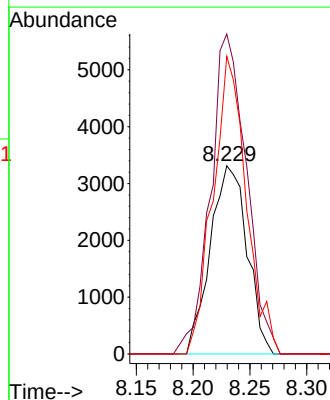
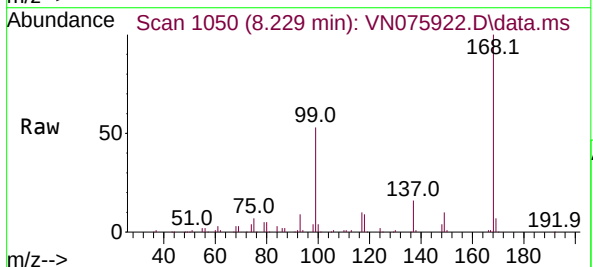
Instrument :
MSVOA_N
ClientSampleId :
IBLK

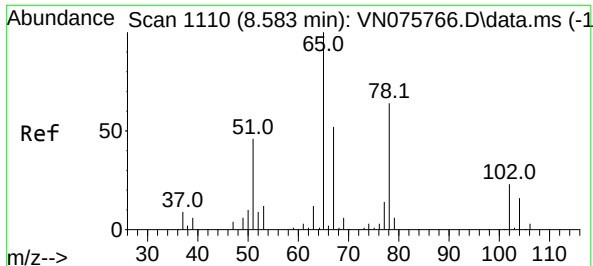
Tgt Ion:168 Resp: 389541
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#31
Cyclohexane
Concen: 1.229 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075922.D
Acq: 21 Dec 2022 16:17

Tgt Ion: 56 Resp: 7462
Ion Ratio Lower Upper
56 100
69 170.0 24.7 37.1#
84 158.1 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 46.964 ug/l

RT: 8.588 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VN075922.D

Acq: 21 Dec 2022 16:17

Instrument :

MSVOA_N

ClientSampleId :

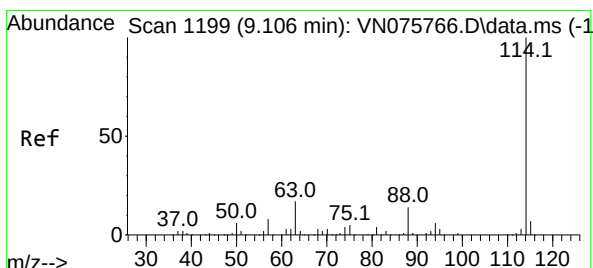
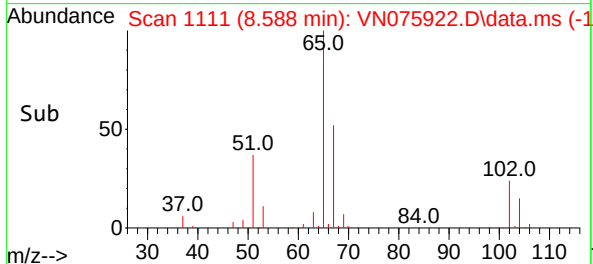
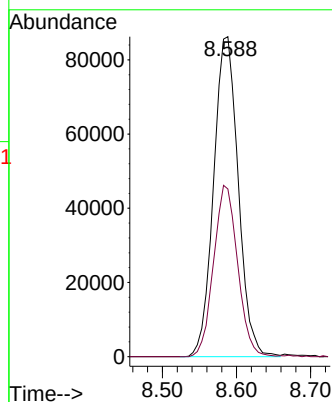
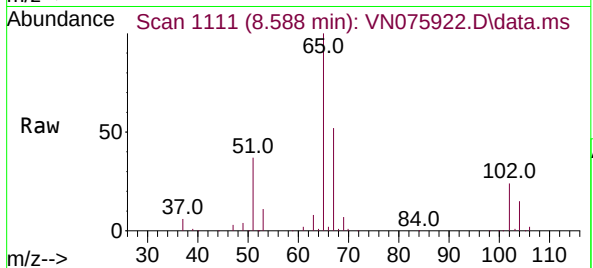
IBLK

Tgt Ion: 65 Resp: 199024

Ion Ratio Lower Upper

65 100

67 52.2 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: VN075922.D

Acq: 21 Dec 2022 16:17

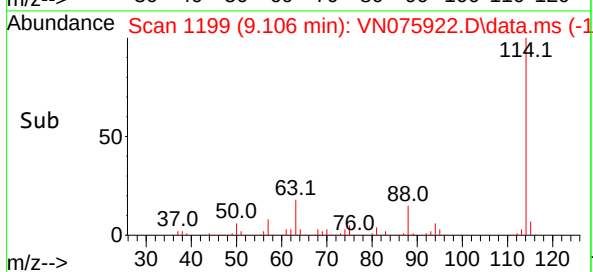
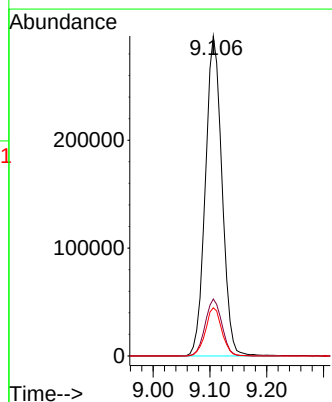
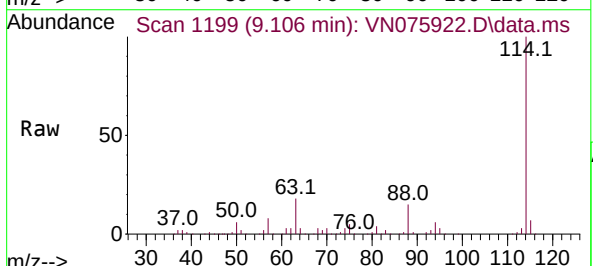
Tgt Ion: 114 Resp: 600603

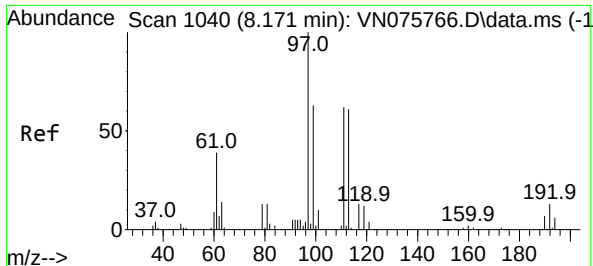
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.004 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075922.D

Acq: 21 Dec 2022 16:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

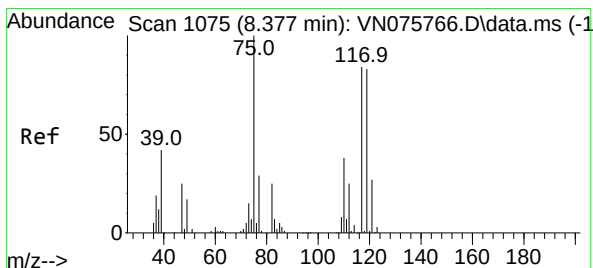
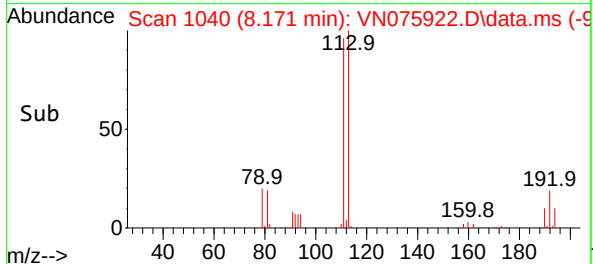
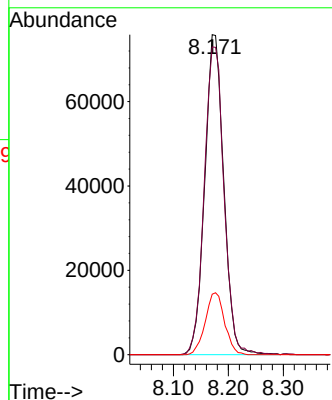
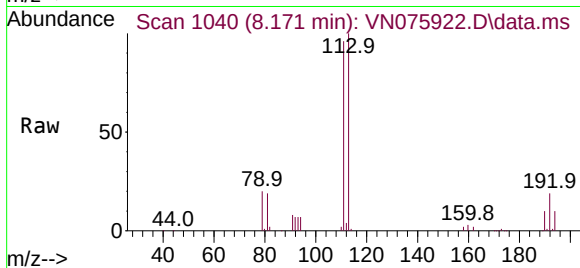
Tgt Ion:113 Resp: 182269

Ion Ratio Lower Upper

113 100

111 100.0 83.4 125.2

192 19.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.576 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075922.D

Acq: 21 Dec 2022 16:17

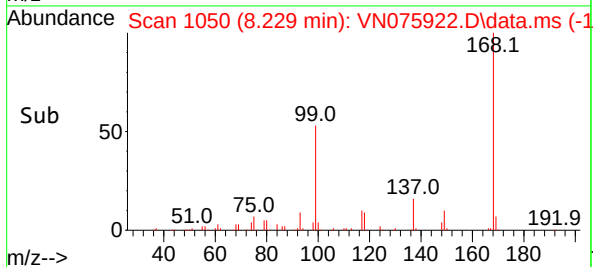
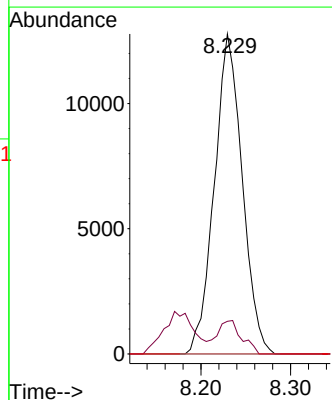
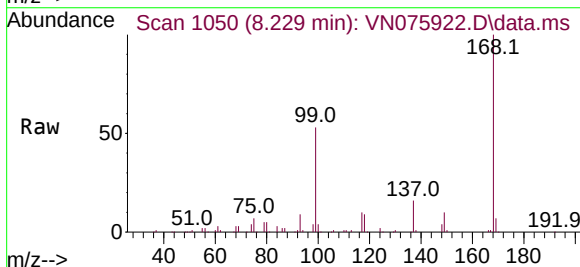
Tgt Ion: 75 Resp: 27549

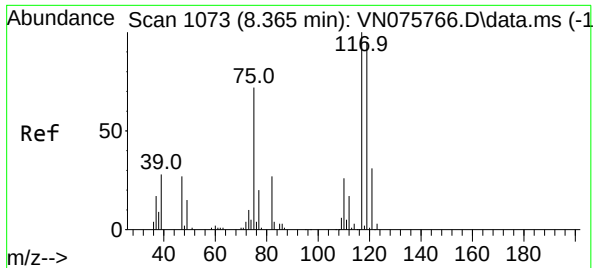
Ion Ratio Lower Upper

75 100

110 9.3 18.8 56.4#

77 0.0 24.1 36.1#

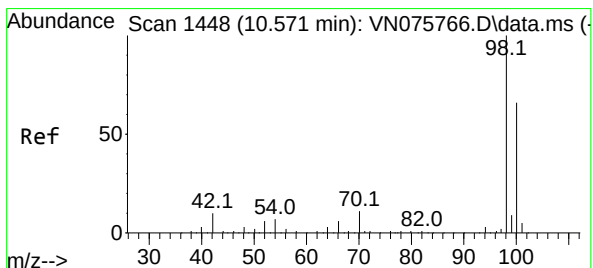
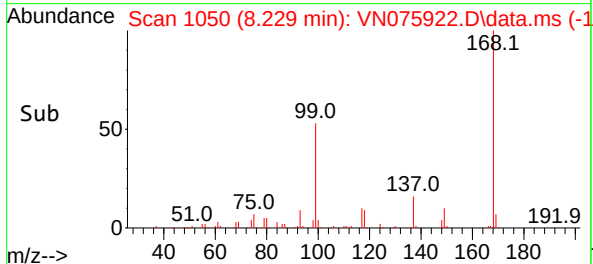
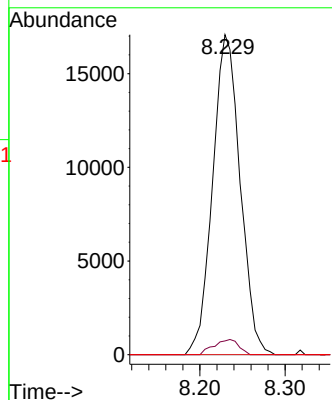
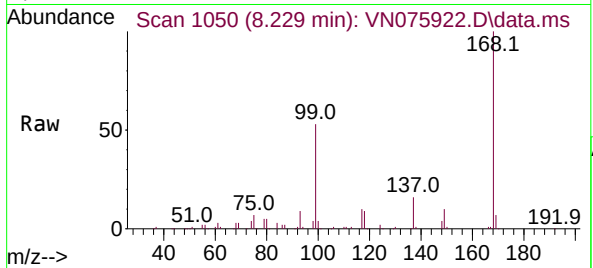




#38
Carbon Tetrachloride
Concen: 6.932 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075922.D
Acq: 21 Dec 2022 16:17

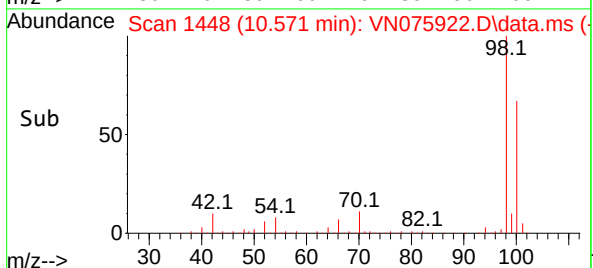
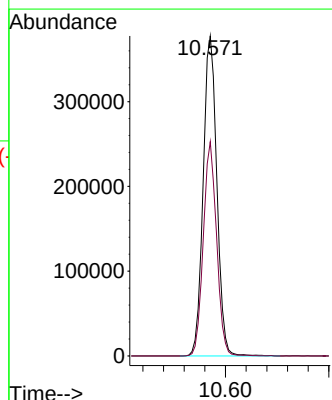
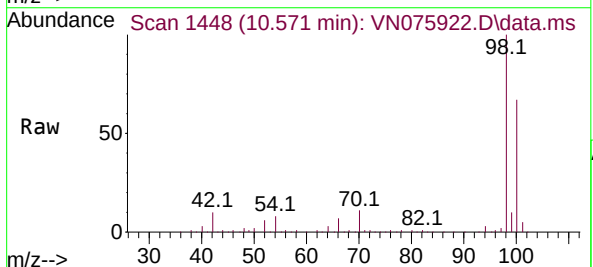
Instrument :
MSVOA_N
ClientSampleId :
IBLK

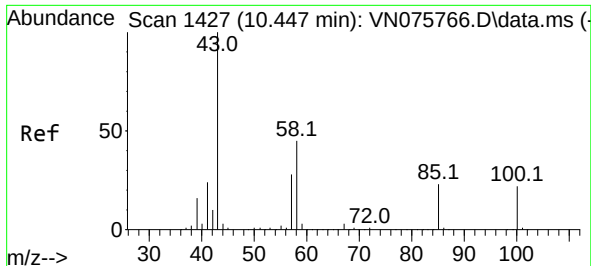
Tgt Ion:117 Resp: 38336
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.796 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075922.D
Acq: 21 Dec 2022 16:17

Tgt Ion: 98 Resp: 692491
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.581 ug/l

RT: 10.571 min Scan# 1427

Delta R.T. 0.123 min

Lab File: VN075922.D

Acq: 21 Dec 2022 16:17

Instrument :

MSVOA_N

ClientSampleId :

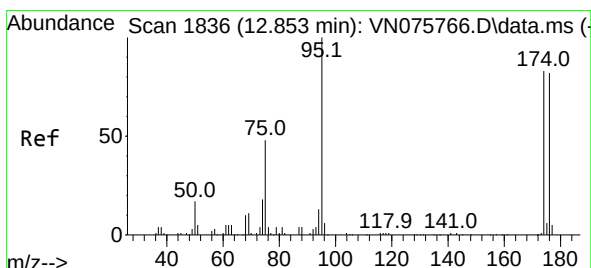
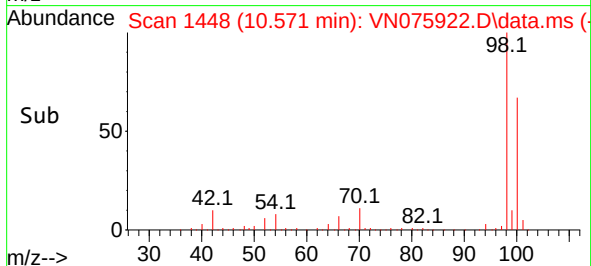
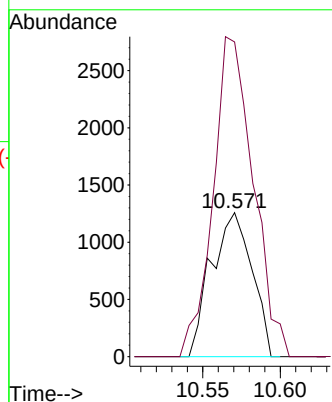
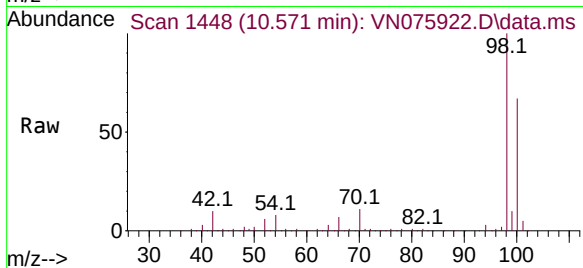
IBLK

Tgt Ion: 43 Resp: 2302

Ion Ratio Lower Upper

43 100

58 219.2 35.5 53.3#



#62

4-Bromofluorobenzene

Concen: 45.888 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075922.D

Acq: 21 Dec 2022 16:17

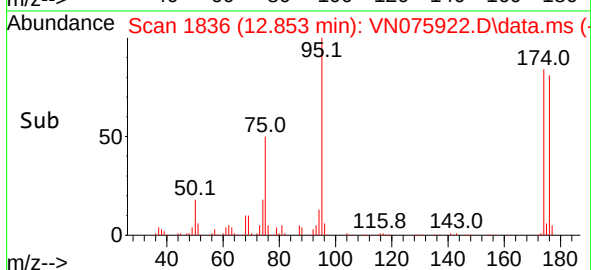
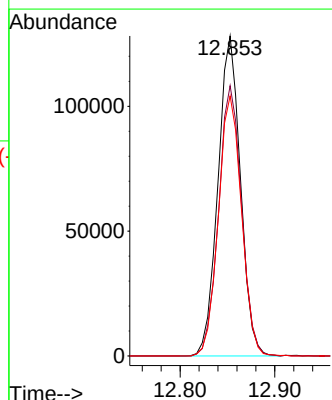
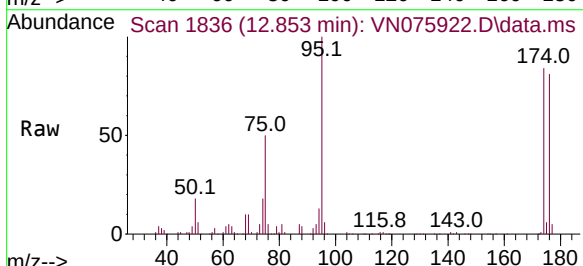
Tgt Ion: 95 Resp: 211362

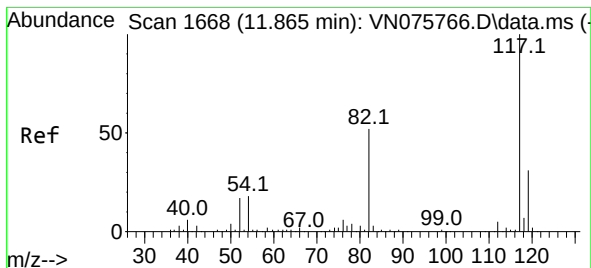
Ion Ratio Lower Upper

95 100

174 86.0 0.0 171.6

176 83.6 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075922.D

Acq: 21 Dec 2022 16:17

Instrument :

MSVOA_N

ClientSampleId :

IBLK

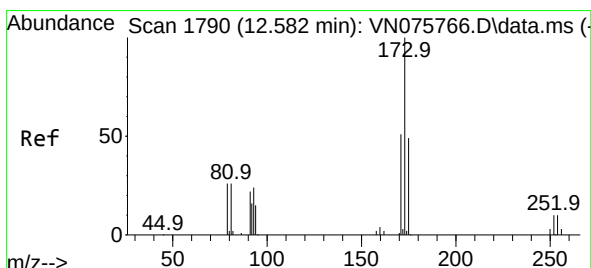
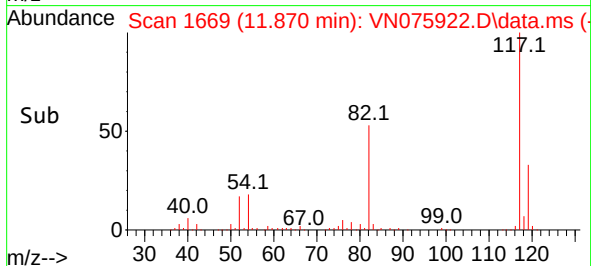
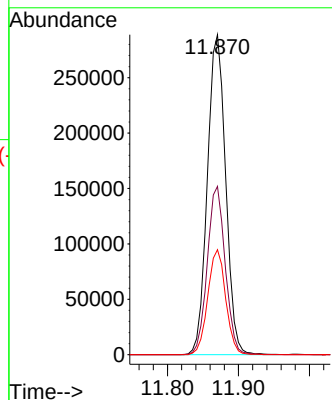
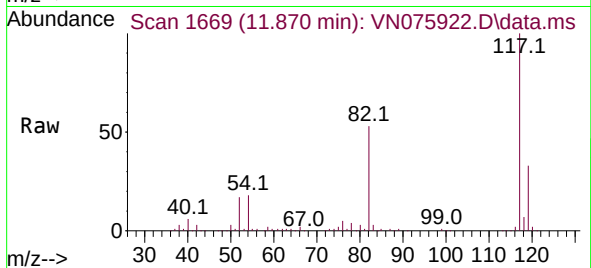
Tgt Ion:117 Resp: 516755

Ion Ratio Lower Upper

117 100

82 52.6 41.3 61.9

119 32.8 24.6 37.0



#71

Bromoform

Concen: 0.605 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.270 min

Lab File: VN075922.D

Acq: 21 Dec 2022 16:17

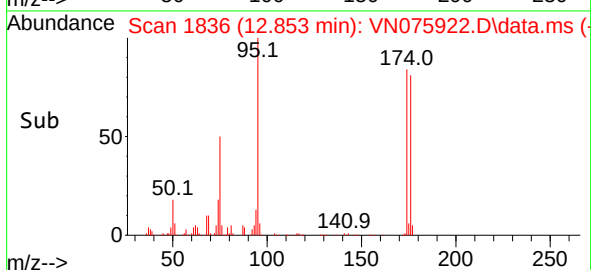
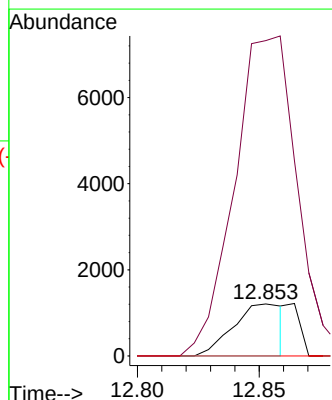
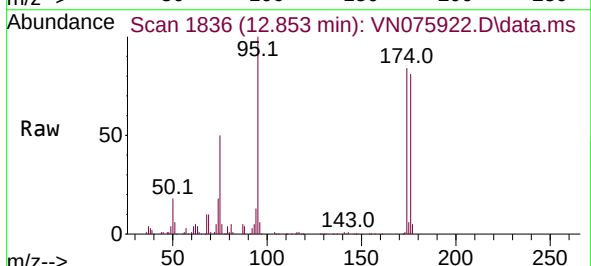
Tgt Ion:173 Resp: 1729

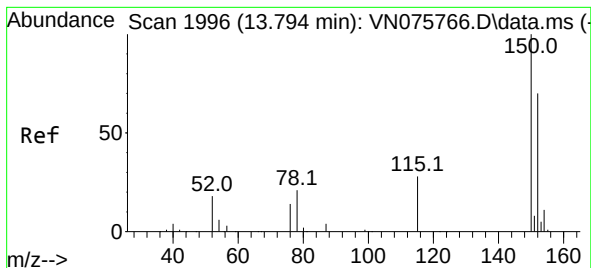
Ion Ratio Lower Upper

173 100

175 0.0 24.3 72.8#

254 0.0 0.0 0.0

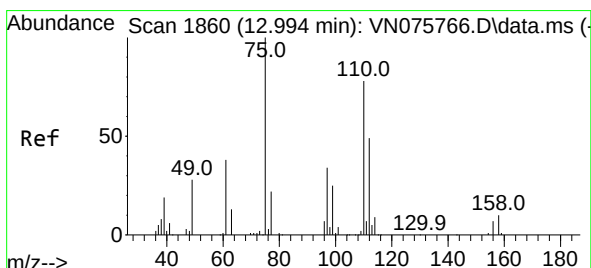
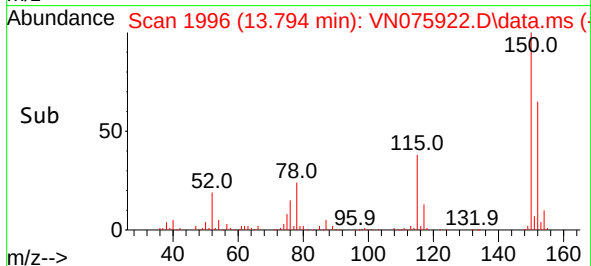
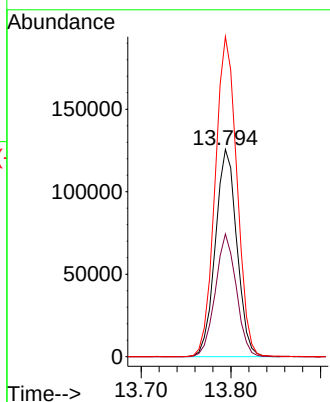
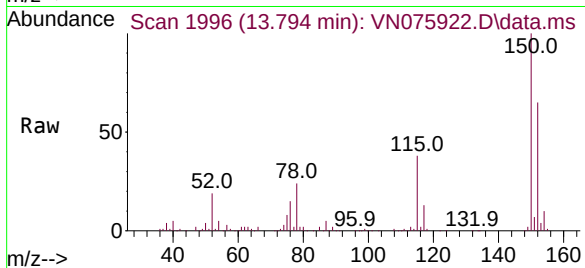




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075922.D
 Acq: 21 Dec 2022 16:17

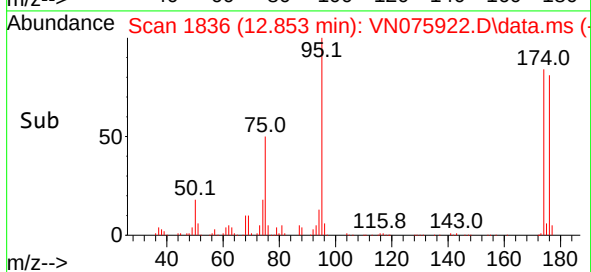
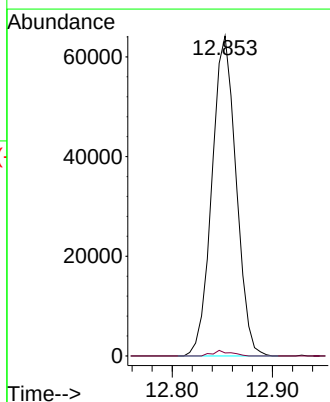
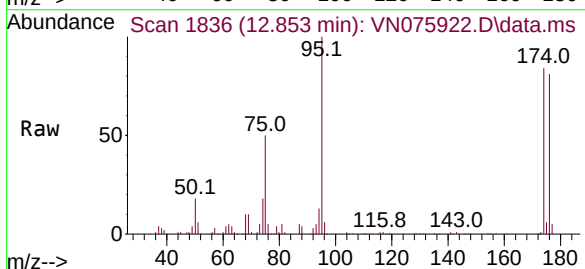
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

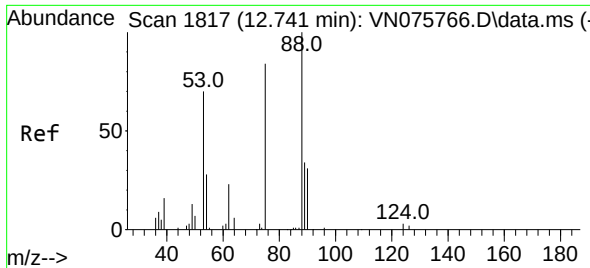
Tgt Ion:152 Resp: 209130
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.1 87.4
 150 156.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.461 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN075922.D
 Acq: 21 Dec 2022 16:17

Tgt Ion: 75 Resp: 107334
 Ion Ratio Lower Upper
 75 100
 77 1.3 82.6 247.8#

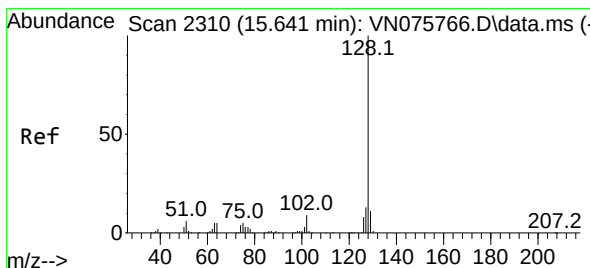
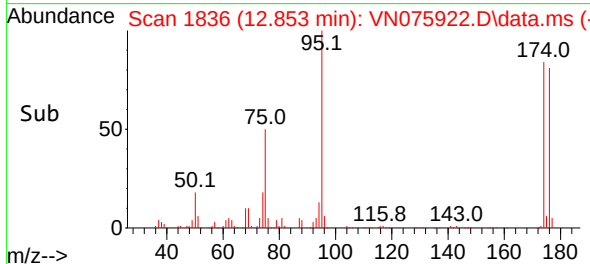
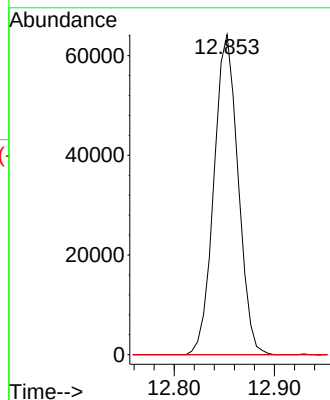
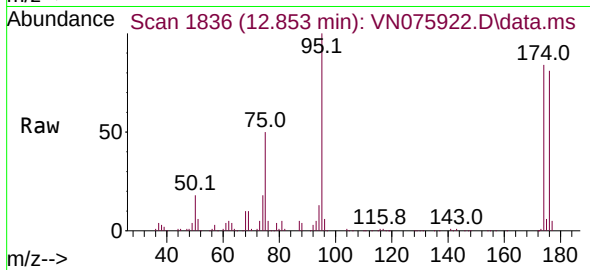




#81
trans-1,4-Dichloro-2-butene
Concen: 91.648 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075922.D
Acq: 21 Dec 2022 16:17

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 107334
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.222 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075922.D
Acq: 21 Dec 2022 16:17

Tgt Ion: 128 Resp: 531
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

