

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075945.D
 Acq On : 22 Dec 2022 15:15
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 23 04:03:06 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

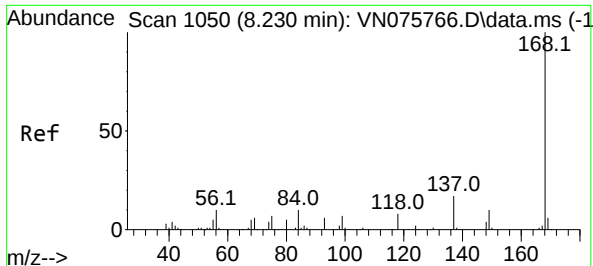
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	332641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	522435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	449178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	173047	47.819	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.640%
35) Dibromofluoromethane	8.177	113	156856	48.482	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	10.571	98	601220	49.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.853	95	184211	45.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.960%
Target Compounds						
					Qvalue	
31) Cyclohexane	8.230	56	6200	1.196	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	23640	5.500	ug/l #	48
38) Carbon Tetrachloride	8.230	117	32161	6.686	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	2260	0.656	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	97183	26.085	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97183	93.893	ug/l #	12
95) Naphthalene	15.635	128	917	2.265	ug/l #	69

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

Quant Time: Dec 23 04:03:06 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

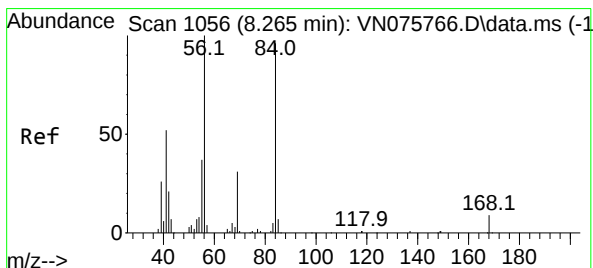
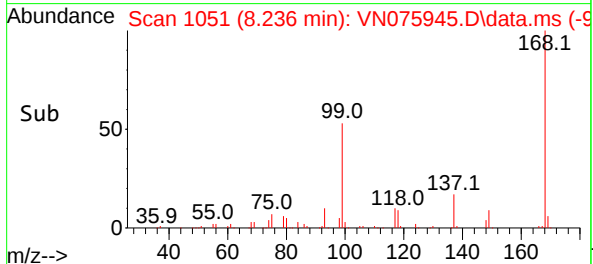
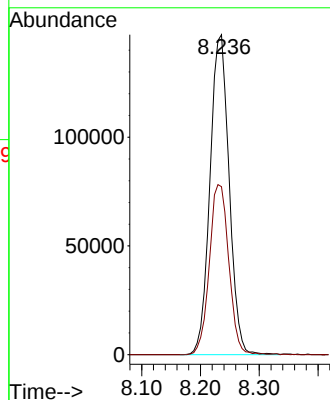
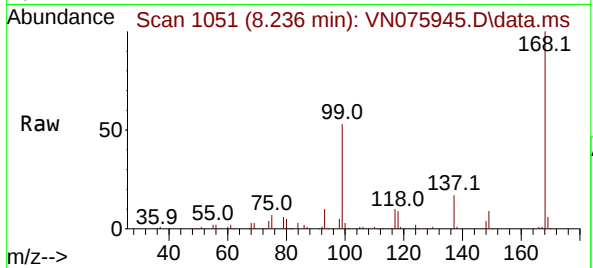




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN075945.D
Acq: 22 Dec 2022 15:15

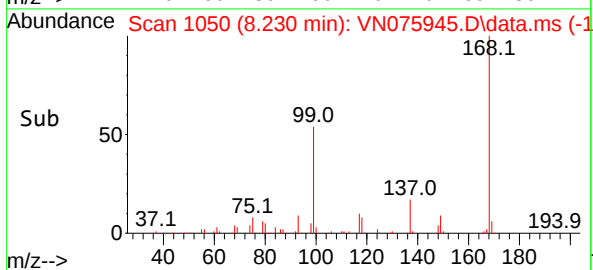
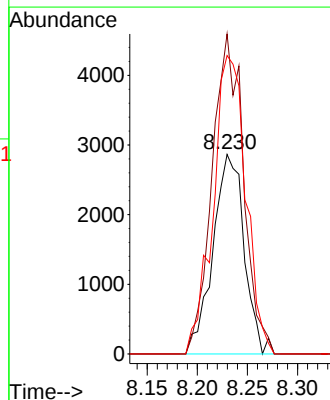
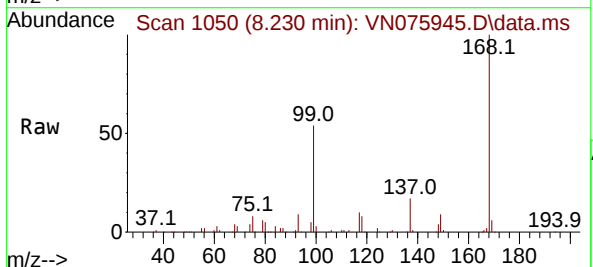
Instrument :
MSVOA_N
ClientSampleId :
IBLK

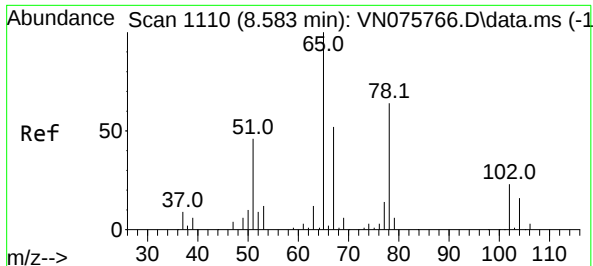
Tgt Ion:168 Resp: 332641
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075945.D
Acq: 22 Dec 2022 15:15

Tgt Ion: 56 Resp: 6200
Ion Ratio Lower Upper
56 100
69 160.3 24.7 37.1#
84 149.5 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.819 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075945.D

Acq: 22 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

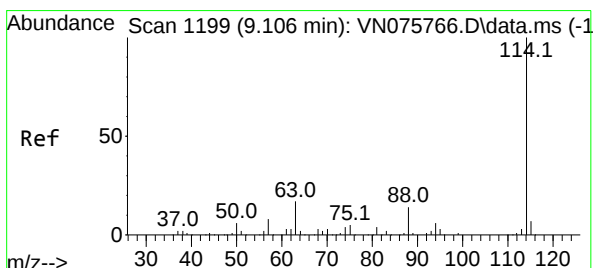
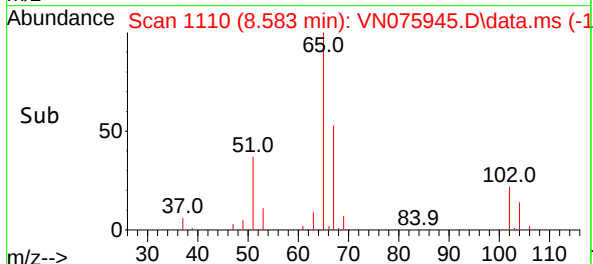
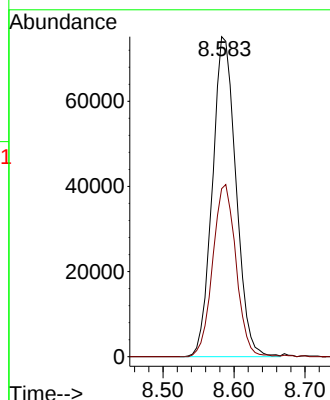
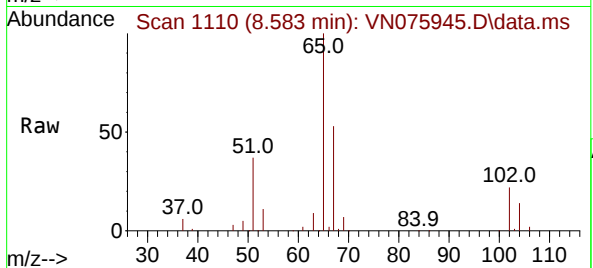
IBLK

Tgt Ion: 65 Resp: 173047

Ion Ratio Lower Upper

65 100

67 53.2 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: VN075945.D

Acq: 22 Dec 2022 15:15

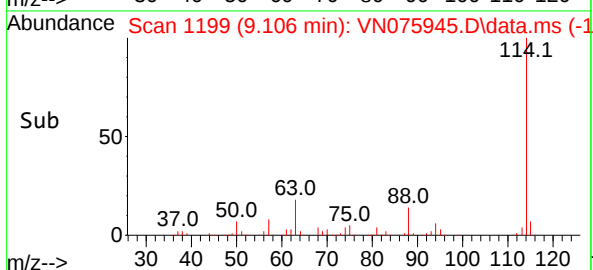
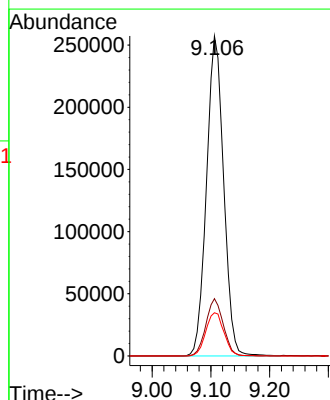
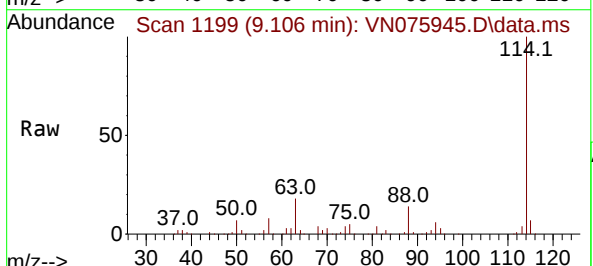
Tgt Ion: 114 Resp: 522435

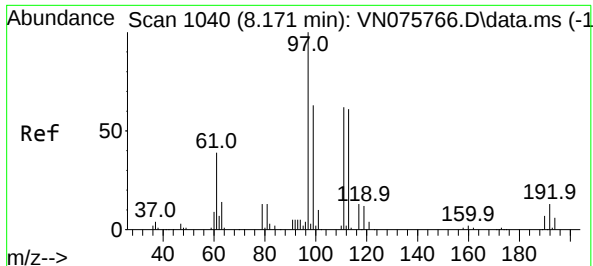
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 13.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.482 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075945.D

Acq: 22 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

IBLK

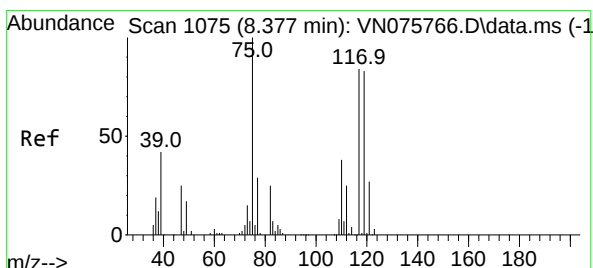
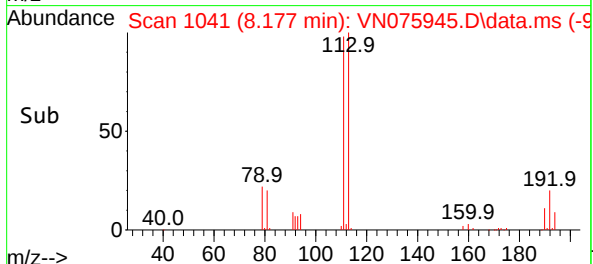
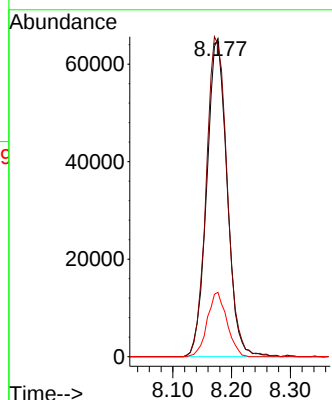
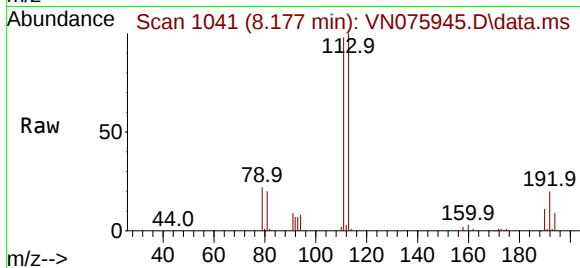
Tgt Ion:113 Resp: 156856

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

192 19.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.500 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075945.D

Acq: 22 Dec 2022 15:15

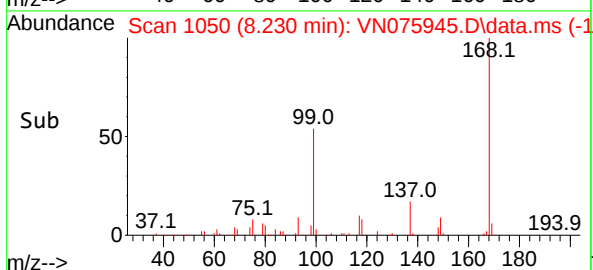
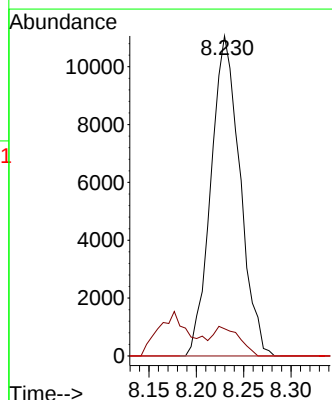
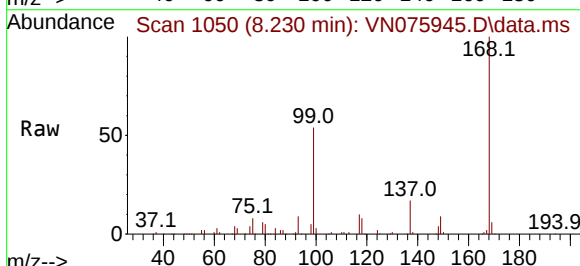
Tgt Ion: 75 Resp: 23640

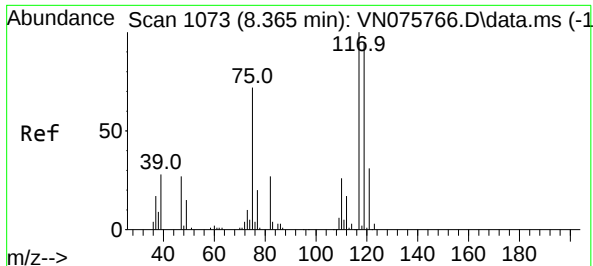
Ion Ratio Lower Upper

75 100

110 8.1 18.8 56.4#

77 0.0 24.1 36.1#

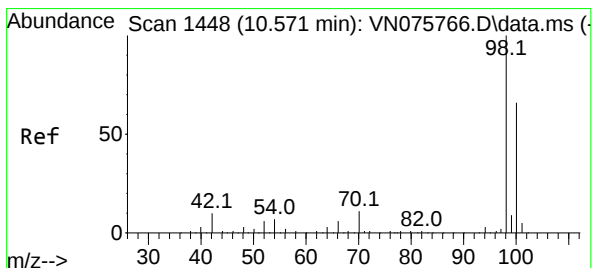
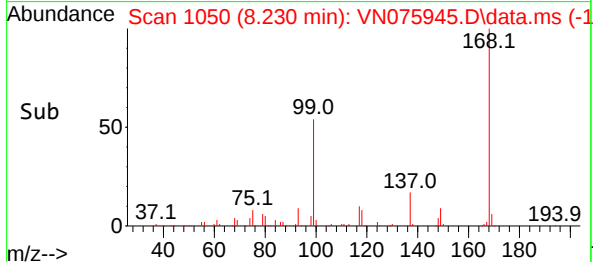
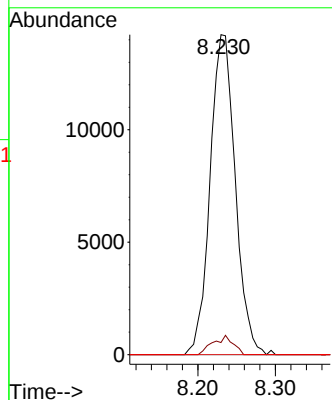
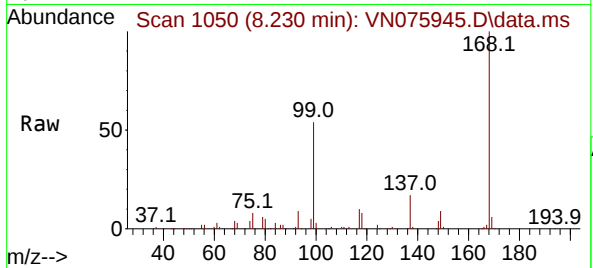




#38
Carbon Tetrachloride
Concen: 6.686 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075945.D
Acq: 22 Dec 2022 15:15

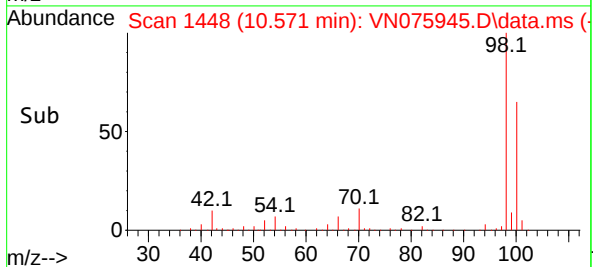
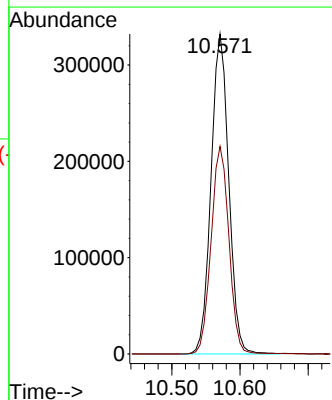
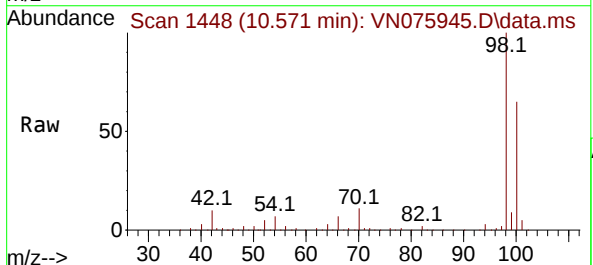
Instrument :
MSVOA_N
ClientSampleId :
IBLK

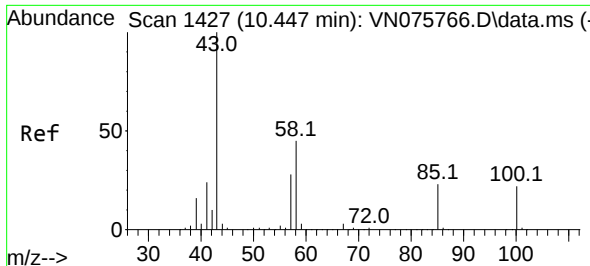
Tgt Ion:117 Resp: 32161
Ion Ratio Lower Upper
117 100
119 3.8 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075945.D
Acq: 22 Dec 2022 15:15

Tgt Ion: 98 Resp: 601220
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

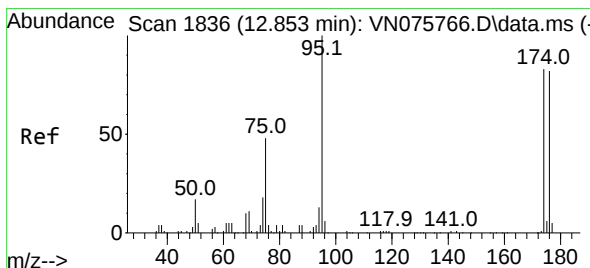
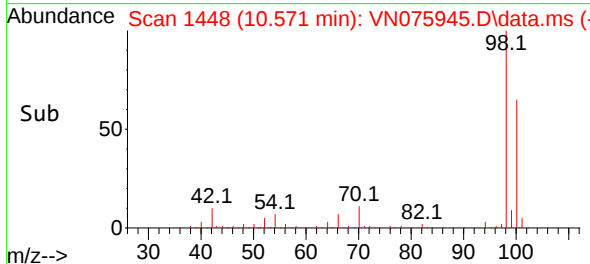
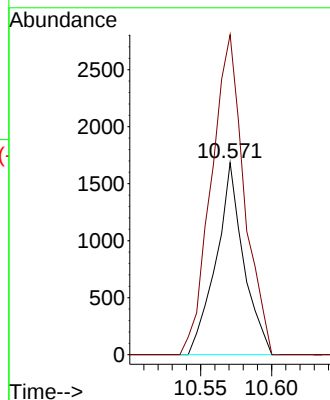
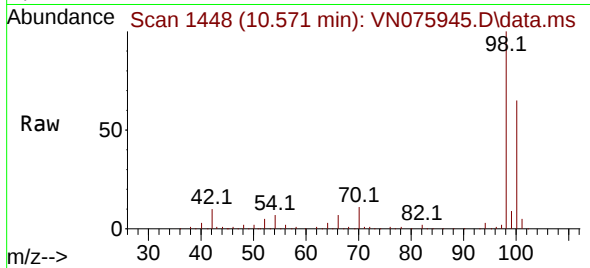




#51
4-Methyl-2-Pentanone
Concen: 0.656 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN075945.D
Acq: 22 Dec 2022 15:15

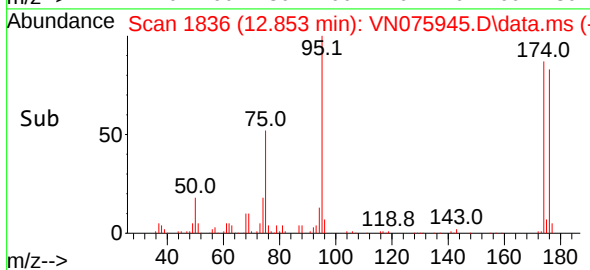
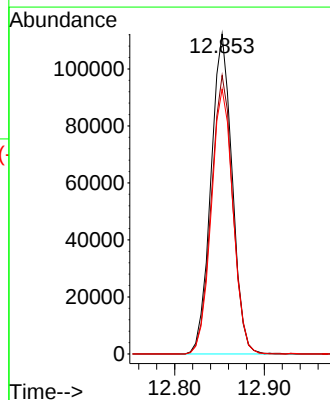
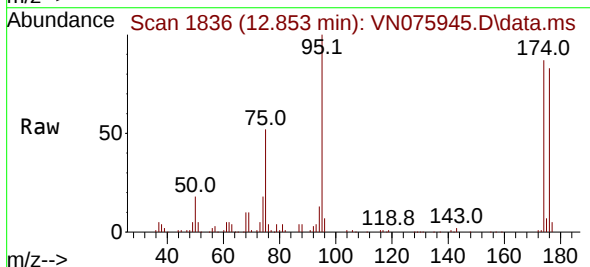
Instrument :
MSVOA_N
ClientSampleId :
IBLK

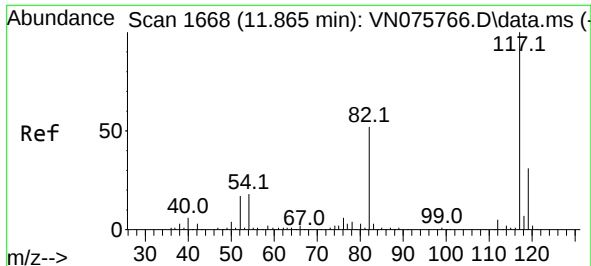
Tgt Ion: 43 Resp: 2260
Ion Ratio Lower Upper
43 100
58 200.0 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 45.978 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075945.D
Acq: 22 Dec 2022 15:15

Tgt Ion: 95 Resp: 184211
Ion Ratio Lower Upper
95 100
174 88.7 0.0 171.6
176 84.6 0.0 169.2

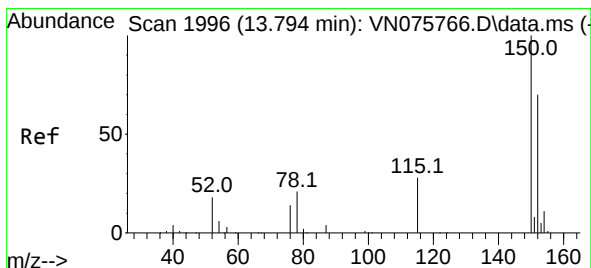
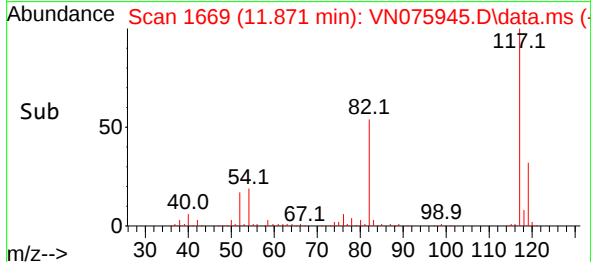
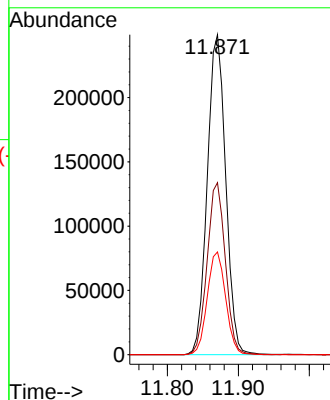
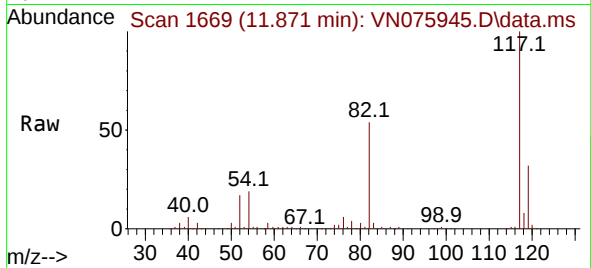




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075945.D
Acq: 22 Dec 2022 15:15

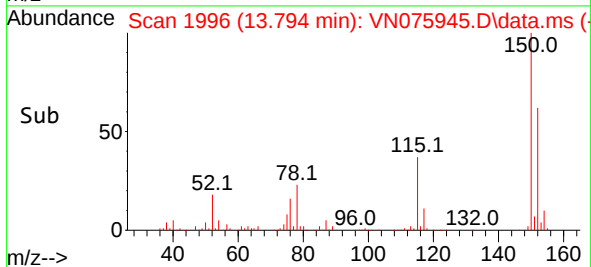
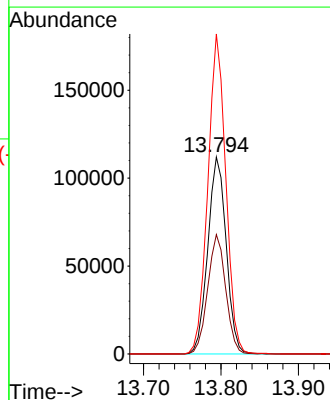
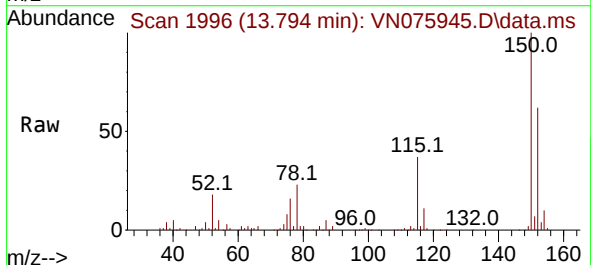
Instrument :
MSVOA_N
ClientSampleId :
IBLK

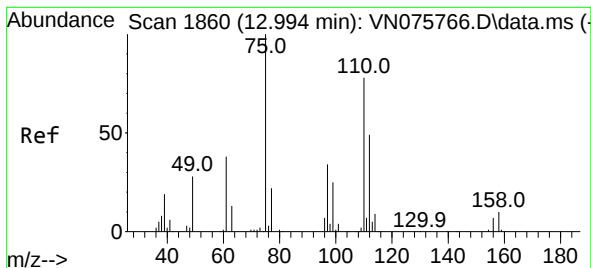
Tgt Ion:117 Resp: 449178
Ion Ratio Lower Upper
117 100
82 53.7 41.3 61.9
119 32.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075945.D
Acq: 22 Dec 2022 15:15

Tgt Ion:152 Resp: 184825
Ion Ratio Lower Upper
152 100
115 59.3 29.1 87.4
150 157.9 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 26.085 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075945.D

Acq: 22 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

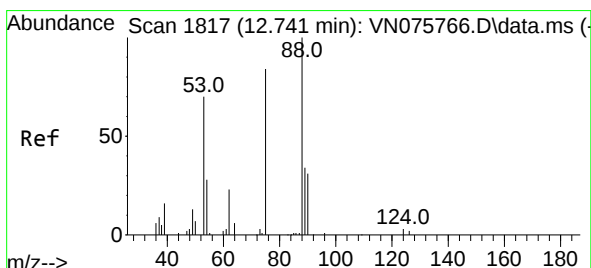
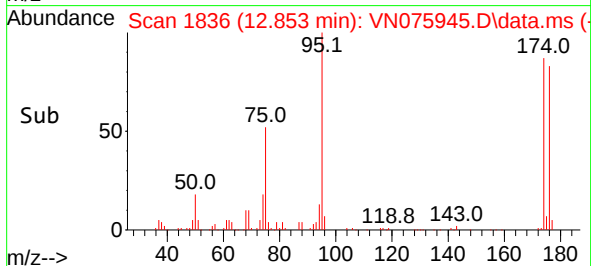
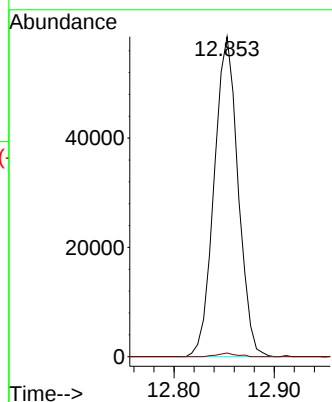
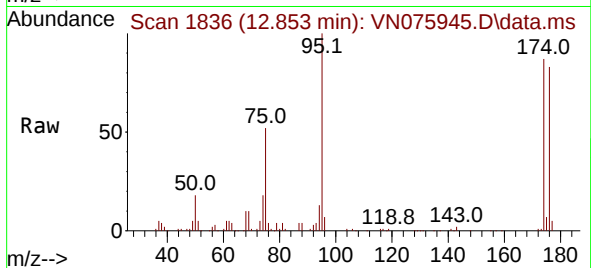
IBLK

Tgt Ion: 75 Resp: 97183

Ion Ratio Lower Upper

75 100

77 0.9 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.893 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN075945.D

Acq: 22 Dec 2022 15:15

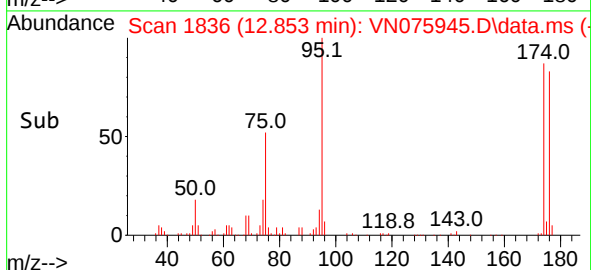
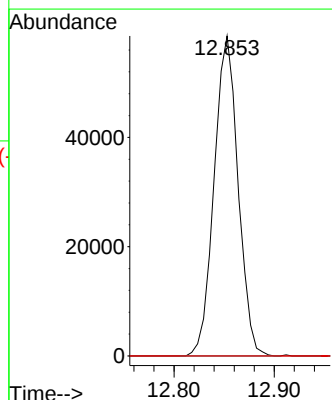
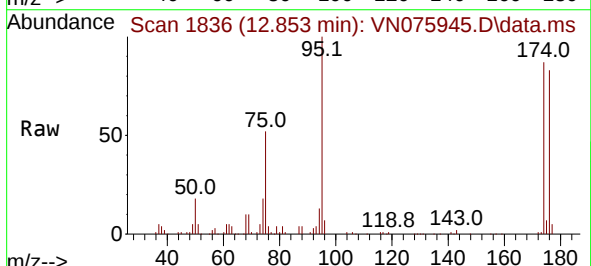
Tgt Ion: 75 Resp: 97183

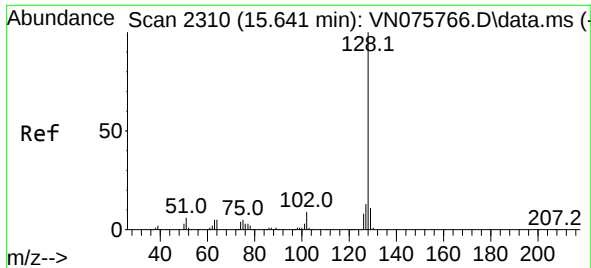
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.265 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN075945.D

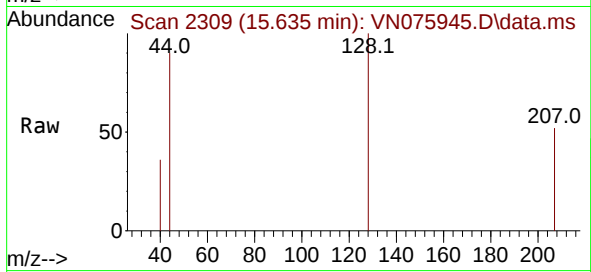
Acq: 22 Dec 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 917

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

