

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075986.D
 Acq On : 27 Dec 2022 14:23
 Operator : JC\MD
 Sample : N6210-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Dec 28 04:45:06 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	8.230	168	337804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	456911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188201	50.000	ug/l	0.00

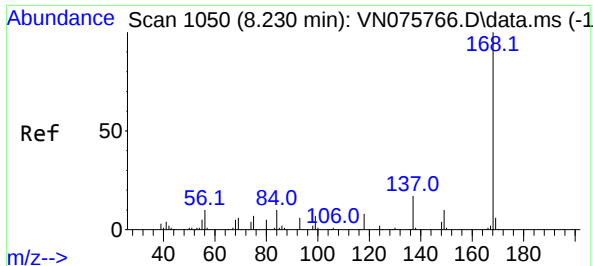
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	173576	47.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.460%
35) Dibromofluoromethane	8.171	113	159088	48.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	10.571	98	605037	48.933	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.853	95	185466	45.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.580%

Target Compounds					Qvalue	
6) Chloroethane	3.148	64	599	0.227	ug/l #	44
20) Methylene Chloride	5.289	84	339	Below Cal	#	59
31) Cyclohexane	8.230	56	6415	1.219	ug/l #	11
36) 1,1-Dichloropropene	8.236	75	23910	5.443	ug/l #	49
38) Carbon Tetrachloride	8.230	117	33749	6.864	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	2326	0.661	ug/l #	1
71) Bromoform	12.853	173	1663	0.658	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	95312	25.124	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	95312	90.434	ug/l #	12
95) Naphthalene	15.647	128	900	2.262	ug/l #	69

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

Quant Time: Dec 28 04:45:06 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

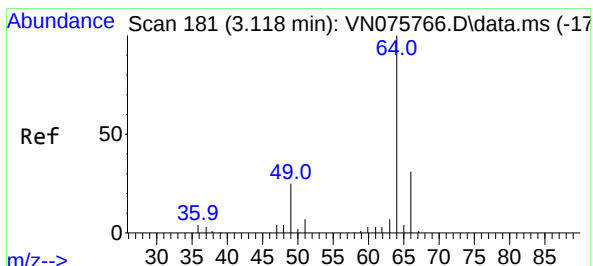
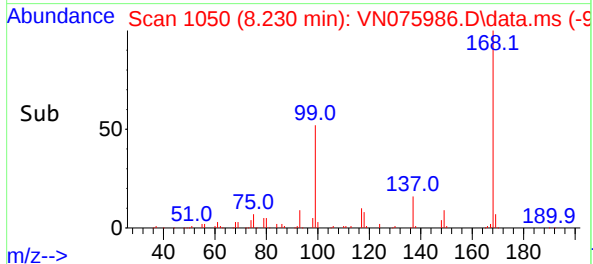
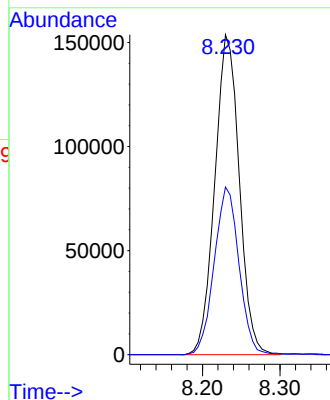
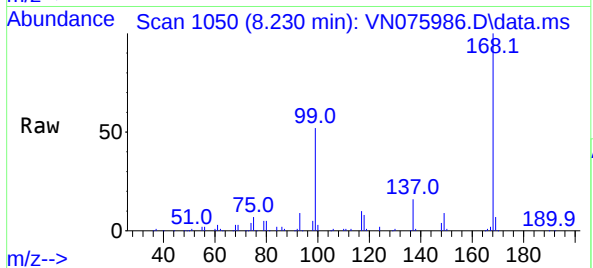




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

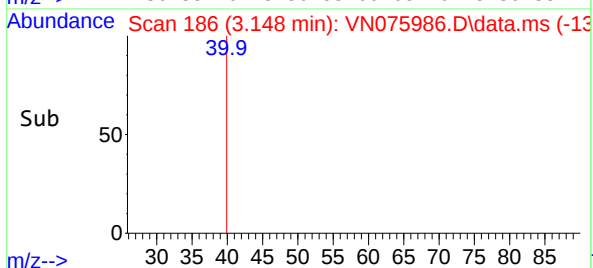
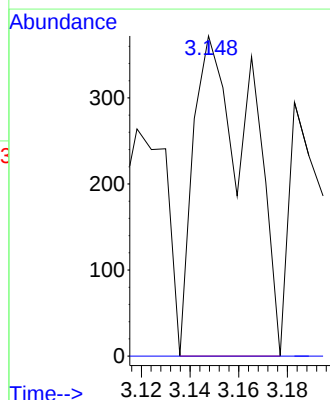
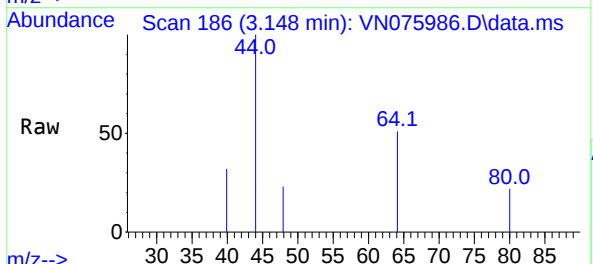
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

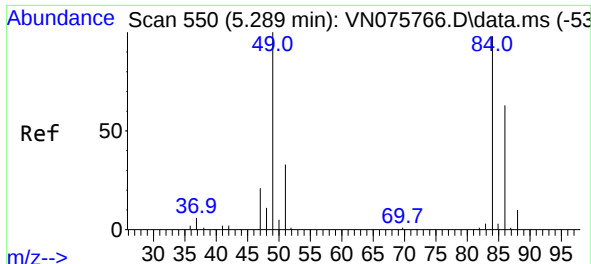
Tgt Ion:168 Resp: 337804
Ion Ratio Lower Upper
168 100
99 52.4 44.2 66.4



#6
Chloroethane
Concen: 0.227 ug/l
RT: 3.148 min Scan# 186
Delta R.T. 0.029 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

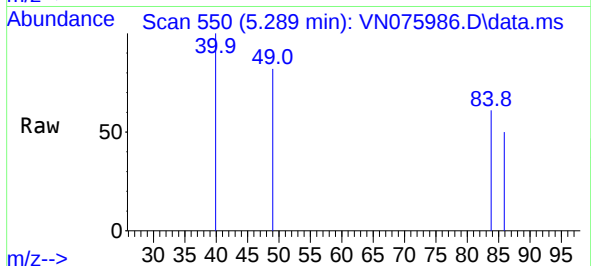
Tgt Ion: 64 Resp: 599
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



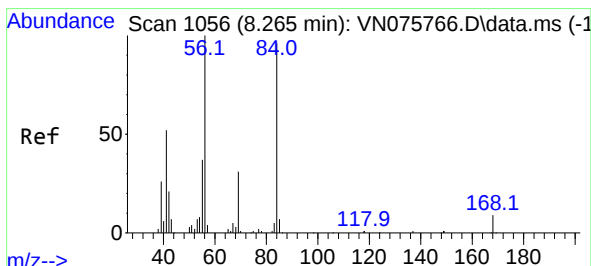
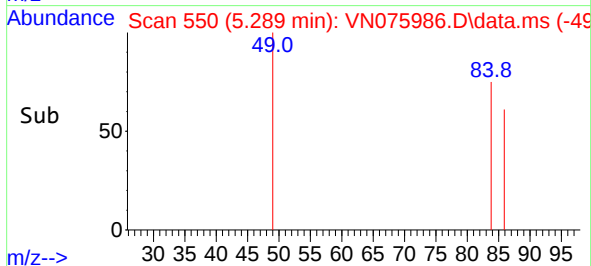
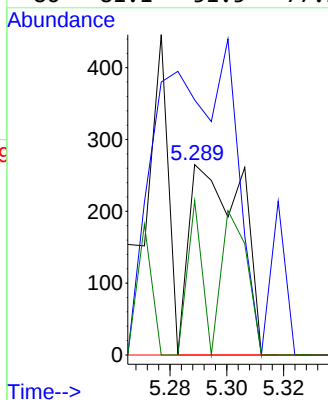


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

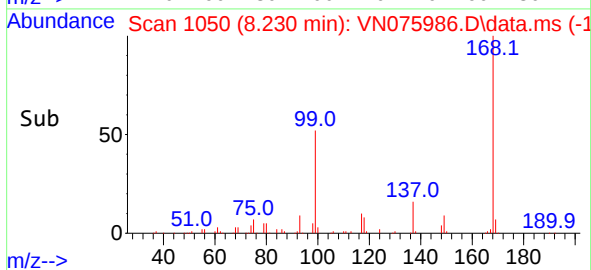
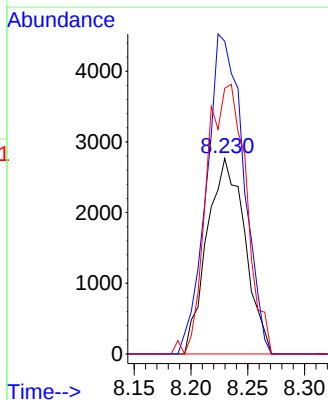
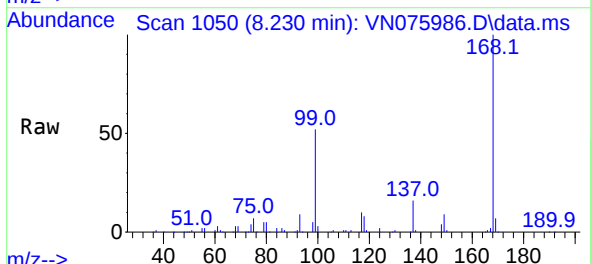


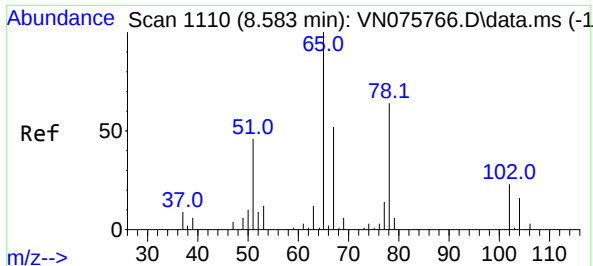
Tgt Ion: 84 Resp: 339
Ion Ratio Lower Upper
84 100
49 53.2 81.8 122.6#
51 0.0 26.7 40.1#
86 81.1 51.5 77.3#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

Tgt Ion: 56 Resp: 6415
Ion Ratio Lower Upper
56 100
69 159.9 24.7 37.1#
84 135.9 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.232 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075986.D

Acq: 27 Dec 2022 14:23

Instrument :

MSVOA_N

ClientSampleId :

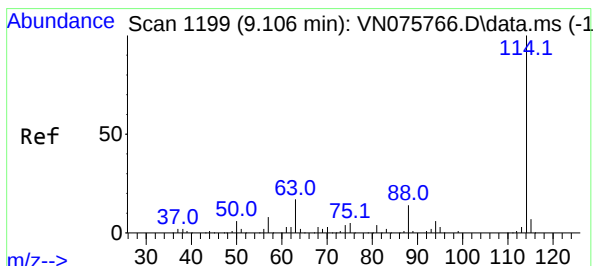
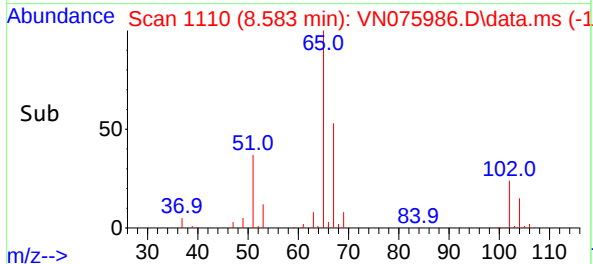
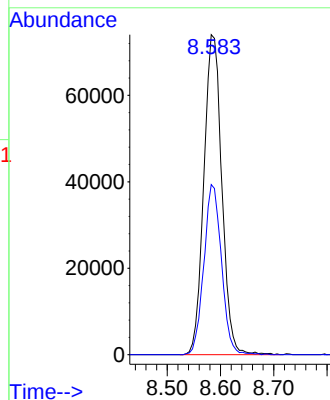
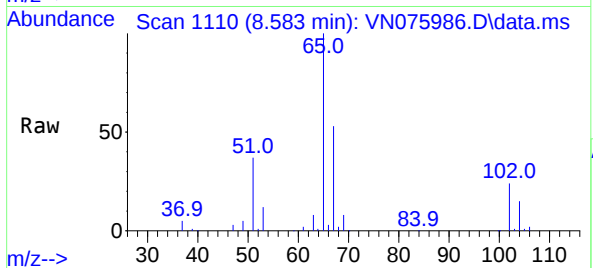
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 173576

Ion Ratio Lower Upper

65 100

67 52.0 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: VN075986.D

Acq: 27 Dec 2022 14:23

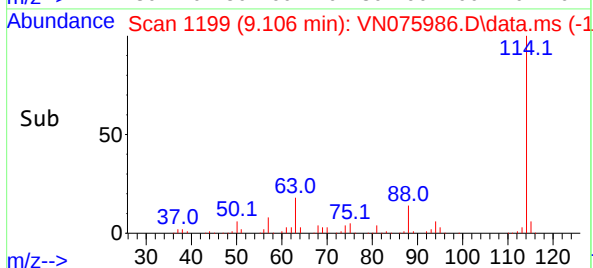
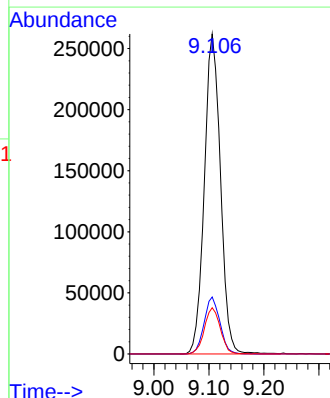
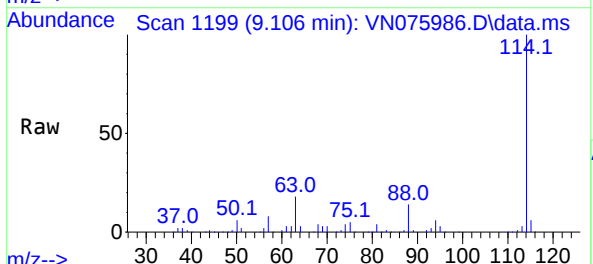
Tgt Ion: 114 Resp: 534008

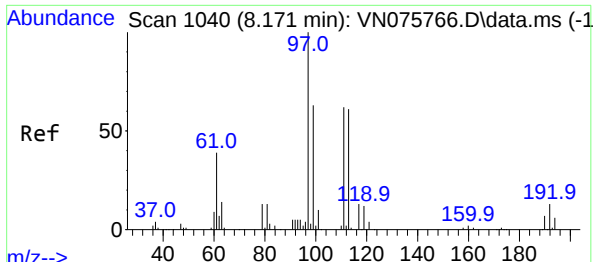
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

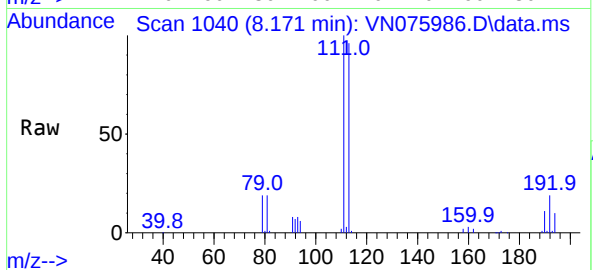
88 14.5 0.0 28.8



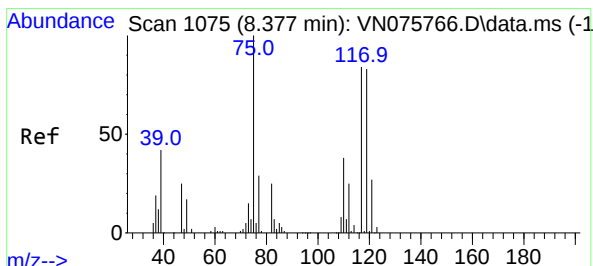
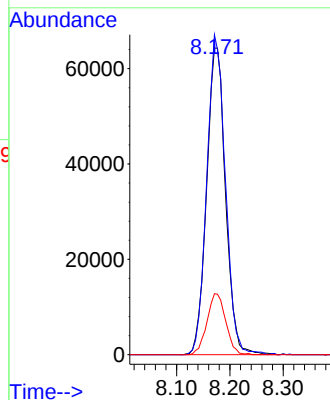
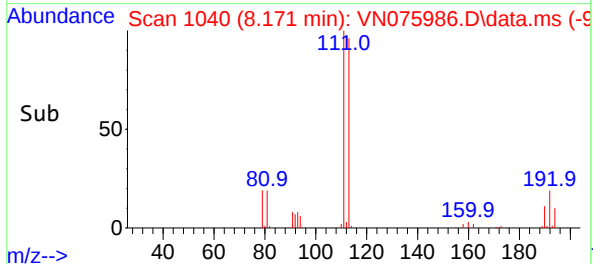


#35
Dibromofluoromethane
Concen: 48.106 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

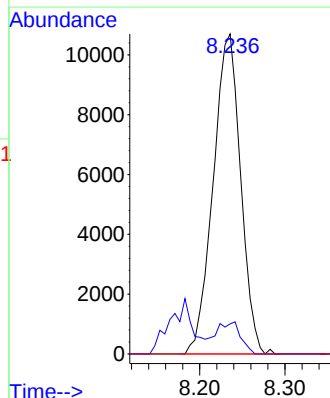
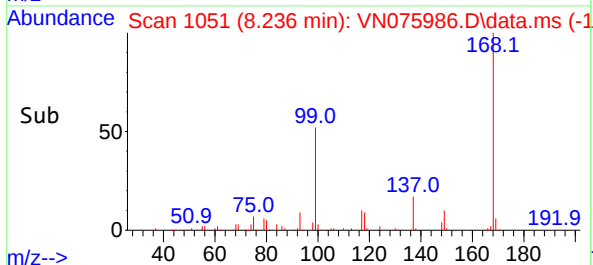
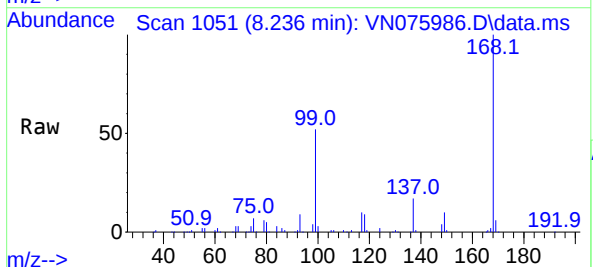


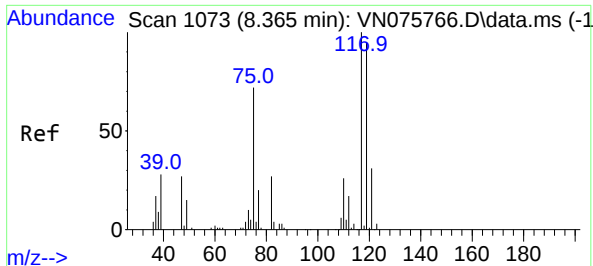
Tgt Ion:113 Resp: 159088
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 19.7 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.443 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

Tgt Ion: 75 Resp: 23910
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 24.1 36.1#

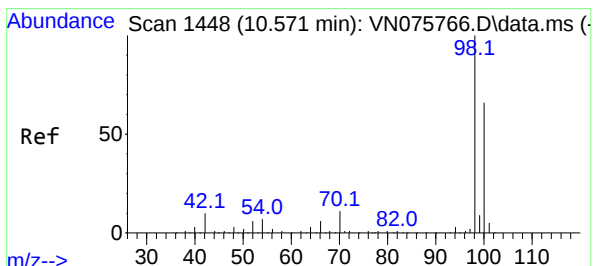
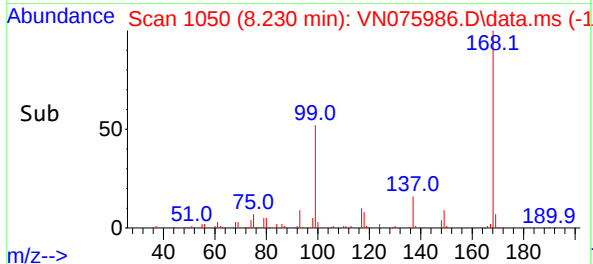
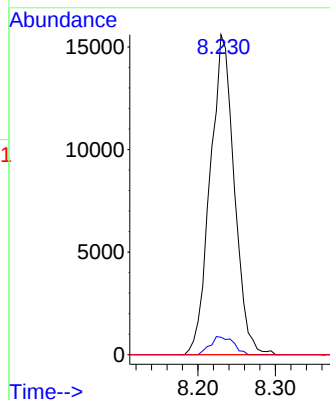
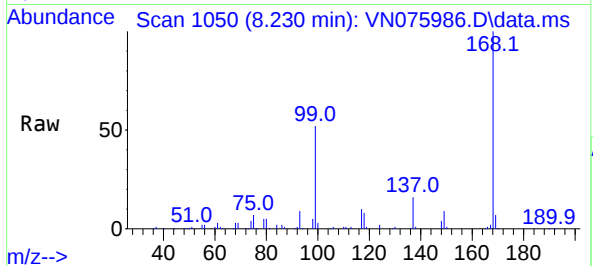




#38
Carbon Tetrachloride
Concen: 6.864 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

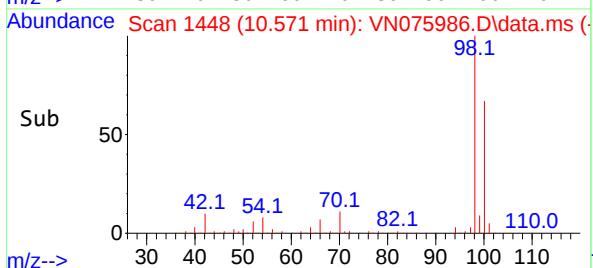
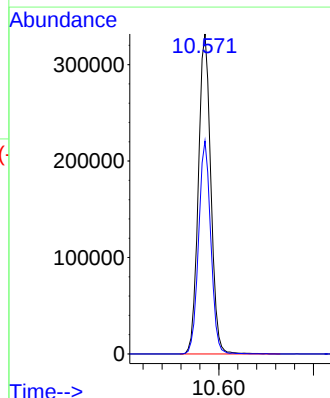
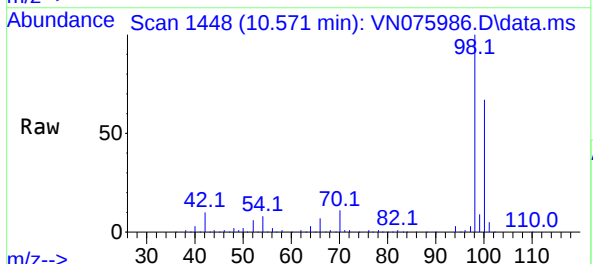
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

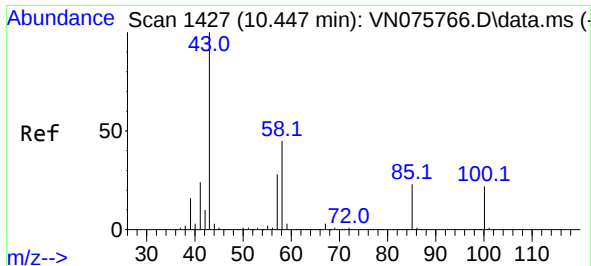
Tgt Ion:117 Resp: 33749
Ion Ratio Lower Upper
117 100
119 5.5 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.933 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

Tgt Ion: 98 Resp: 605037
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 0.661 ug/l

RT: 10.571 min Scan# 1427

Delta R.T. 0.124 min

Lab File: VN075986.D

Acq: 27 Dec 2022 14:23

Instrument :

MSVOA_N

ClientSampleId :

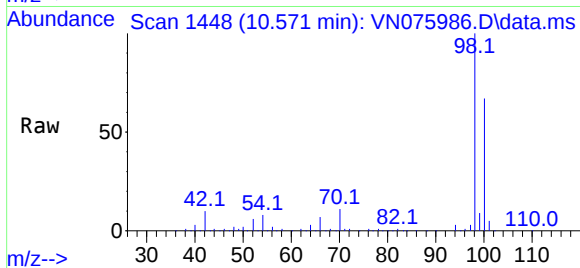
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

58 196.0 35.5 53.3#



Abundance

2500

2000

1500

1000

500

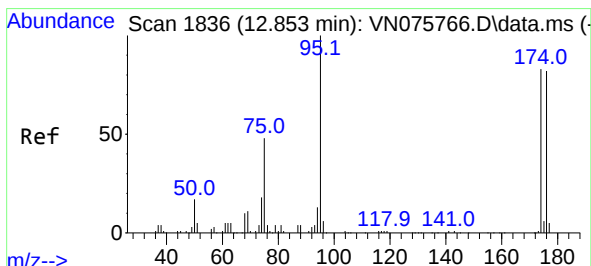
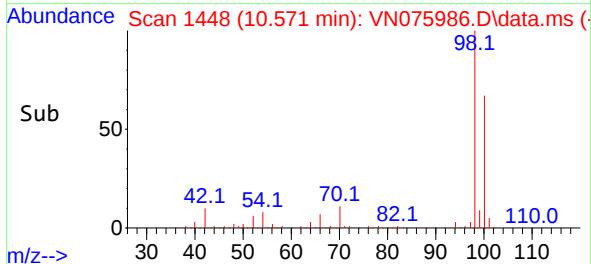
0

Time-->

10.50

10.55

10.60



#62

4-Bromofluorobenzene

Concen: 45.288 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075986.D

Acq: 27 Dec 2022 14:23

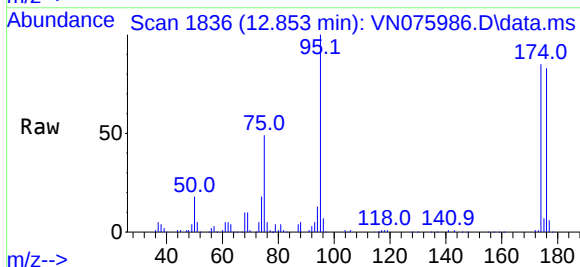
Tgt Ion: 95 Resp: 185466

Ion Ratio Lower Upper

95 100

174 87.4 0.0 171.6

176 84.2 0.0 169.2



Abundance

100000

80000

60000

40000

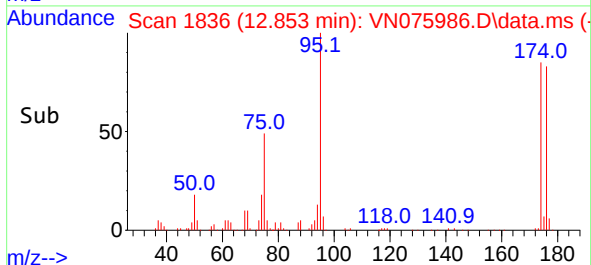
20000

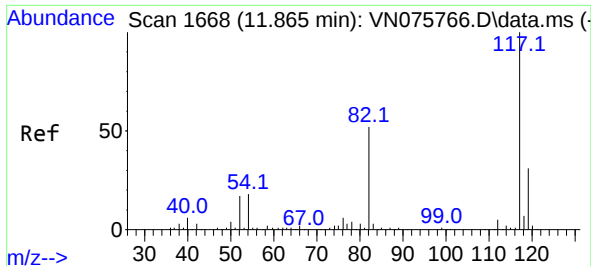
0

Time-->

12.80

12.90

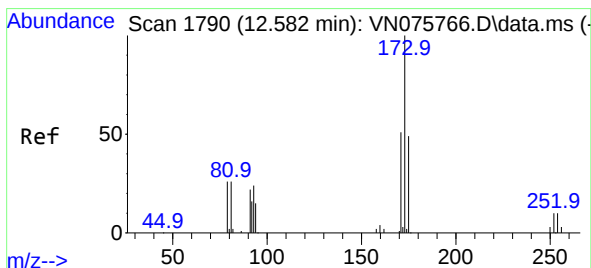
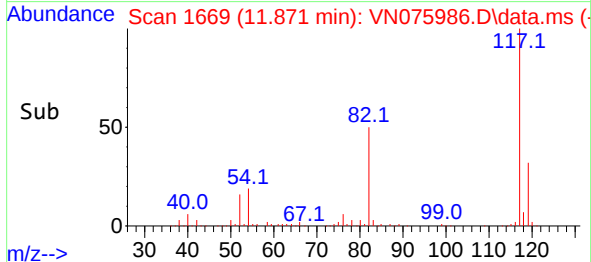
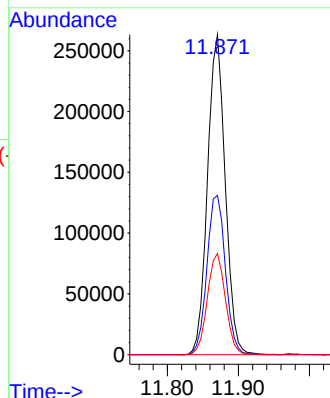
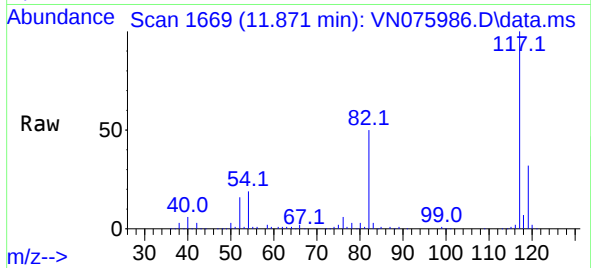




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

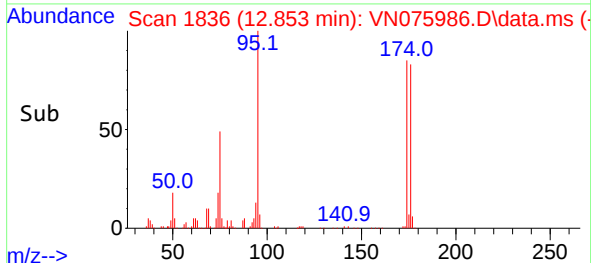
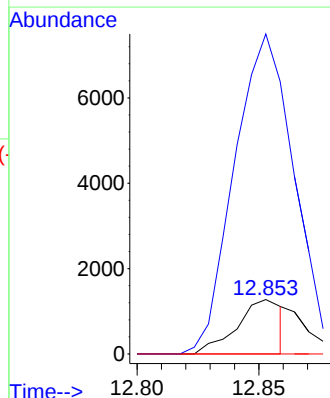
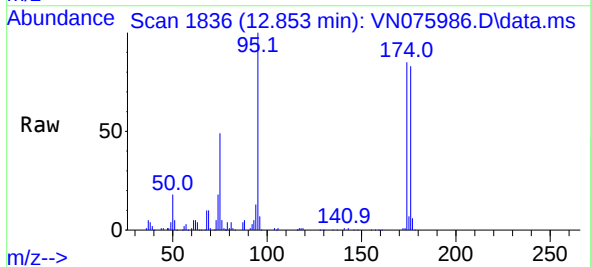
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

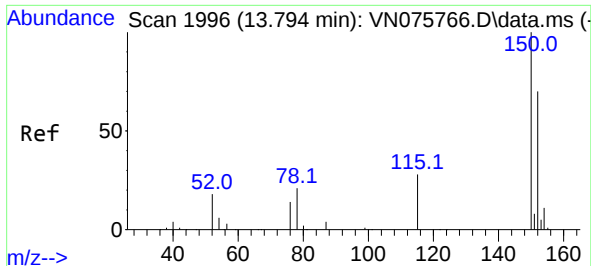
Tgt Ion:117 Resp: 456911
Ion Ratio Lower Upper
117 100
82 49.8 41.3 61.9
119 31.6 24.6 37.0



#71
Bromoform
Concen: 0.658 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

Tgt Ion:173 Resp: 1663
Ion Ratio Lower Upper
173 100
175 613.7 24.3 72.8#
254 0.0 0.0 0.0

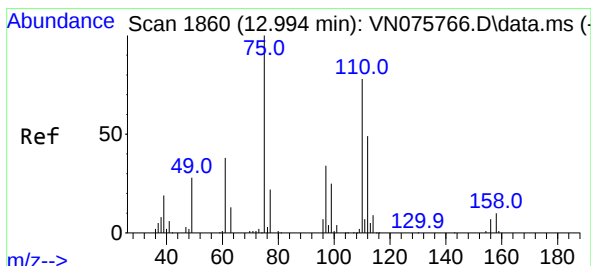
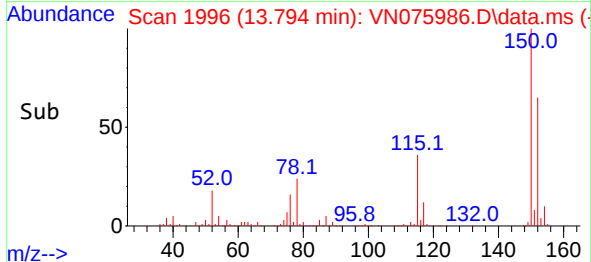
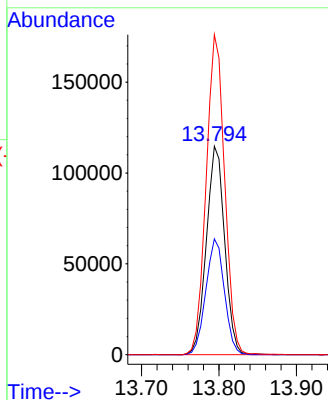
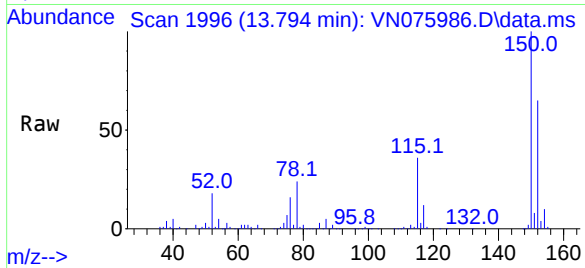




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

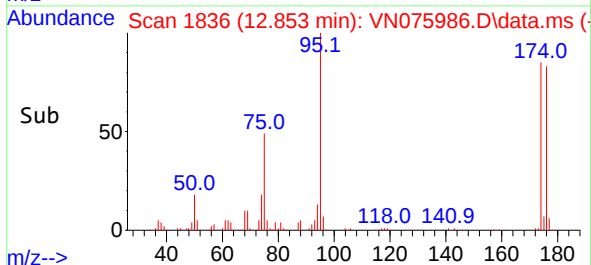
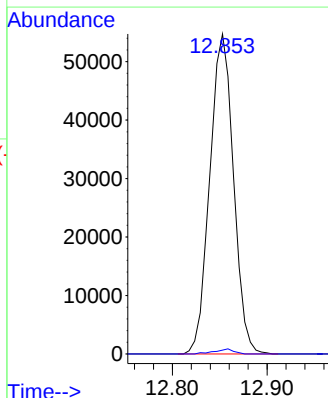
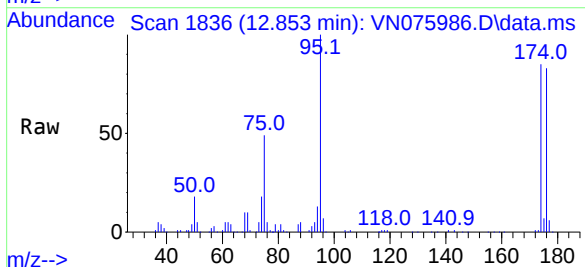
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

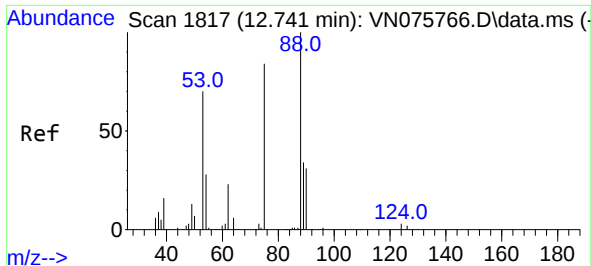
Tgt Ion:152 Resp: 188201
Ion Ratio Lower Upper
152 100
115 56.3 29.1 87.4
150 155.0 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.124 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

Tgt Ion: 75 Resp: 95312
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

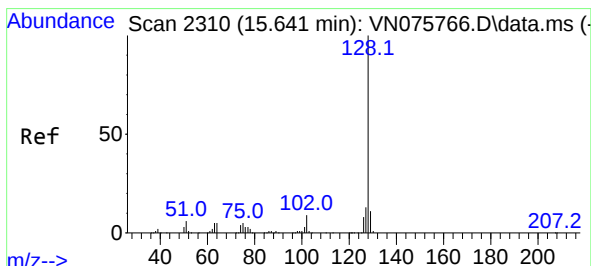
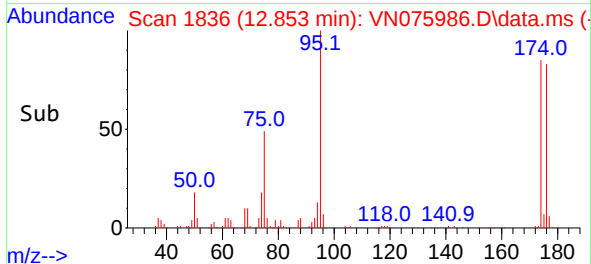
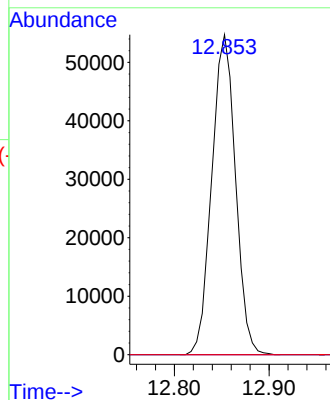
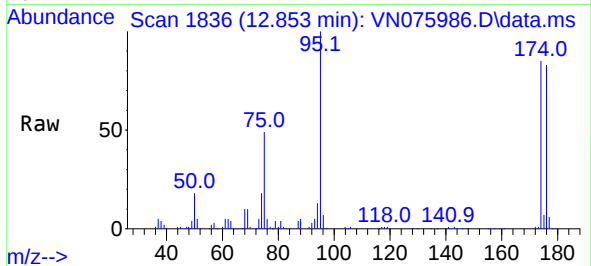




#81
trans-1,4-Dichloro-2-butene
Concen: 90.434 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 95312
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.262 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075986.D
Acq: 27 Dec 2022 14:23

Tgt Ion:128 Resp: 900
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

