

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076383.D
 Acq On : 24 Jan 2023 15:29
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 25 00:40:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	392516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	626365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	544199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220747	50.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.460%
35) Dibromofluoromethane	8.177	113	189073	48.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	10.571	98	725207	50.117	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.853	95	229335	48.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.100%

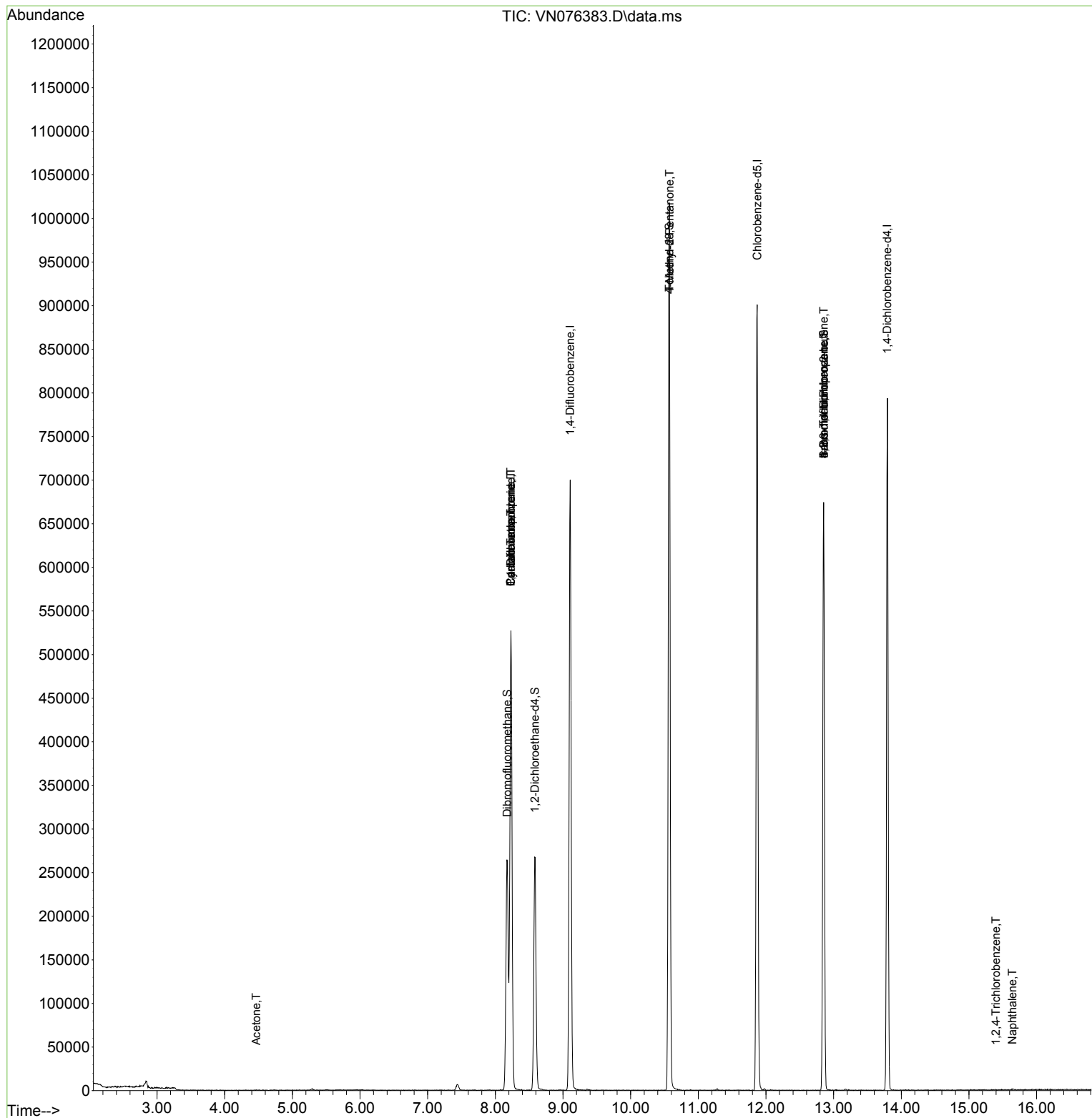
Target Compounds					Qvalue	
16) Acetone	4.465	43	485	0.271	ug/l #	41
20) Methylene Chloride	5.294	84	1226	Below Cal	#	76
31) Cyclohexane	8.230	56	8292	1.228	ug/l #	10
36) 1,1-Dichloropropene	8.230	75	28922	5.195	ug/l #	49
38) Carbon Tetrachloride	8.230	117	40703	6.556	ug/l #	17
51) 4-Methyl-2-Pentanone	10.576	43	2704	0.634	ug/l #	1
71) Bromoform	12.853	173	1443	0.467	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	124298	31.310	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	124298	95.976	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.400	180	210	1.359	ug/l #	67
95) Naphthalene	15.641	128	1235	1.945	ug/l #	69

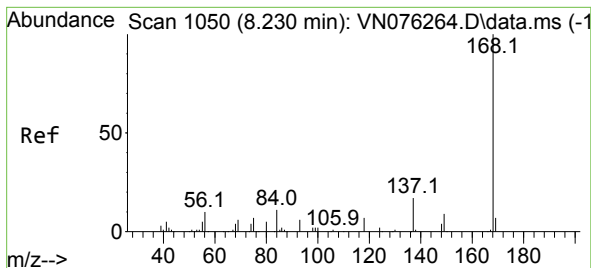
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

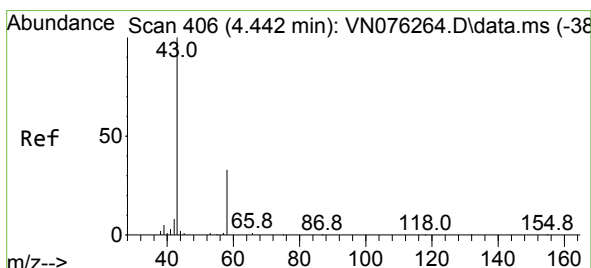
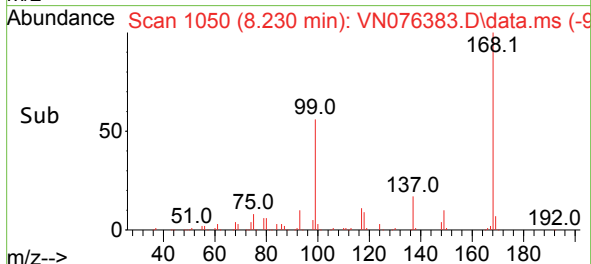
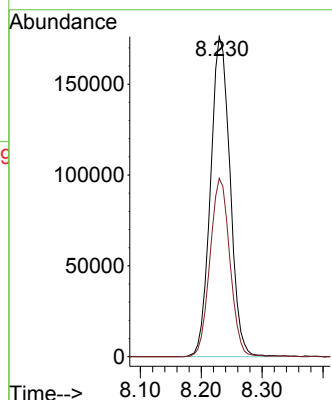
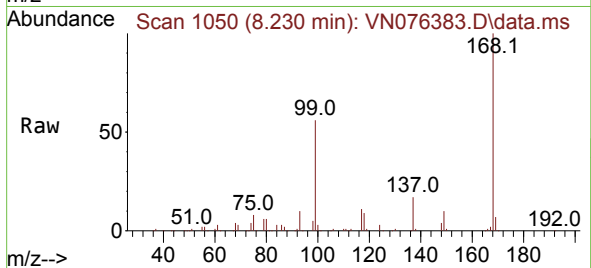
IBLK

Tgt Ion:168 Resp: 392516

Ion Ratio Lower Upper

168 100

99 55.8 41.6 62.4



#16

Acetone

Concen: 0.271 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.023 min

Lab File: VN076383.D

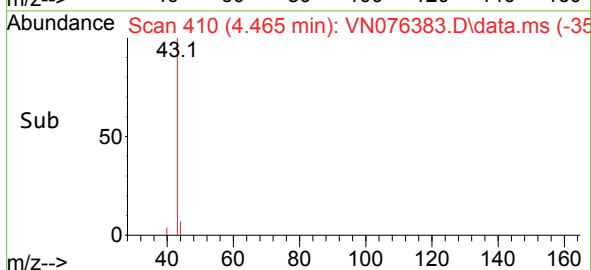
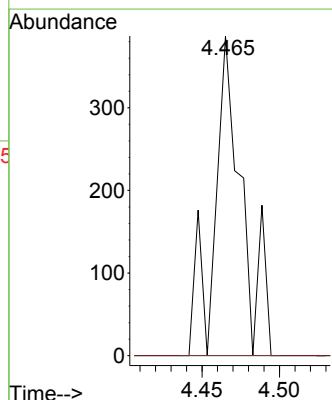
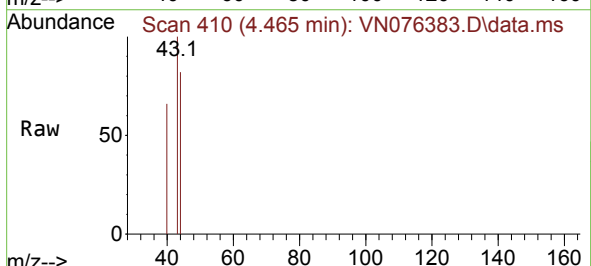
Acq: 24 Jan 2023 15:29

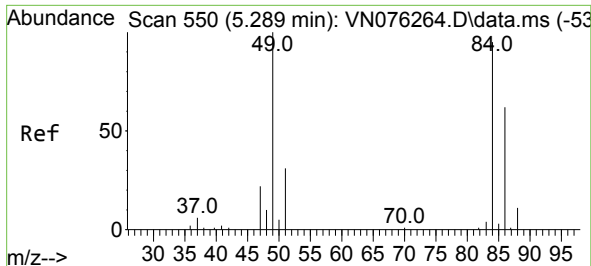
Tgt Ion: 43 Resp: 485

Ion Ratio Lower Upper

43 100

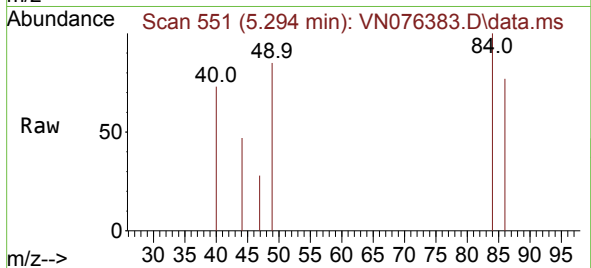
58 0.0 26.7 40.1#



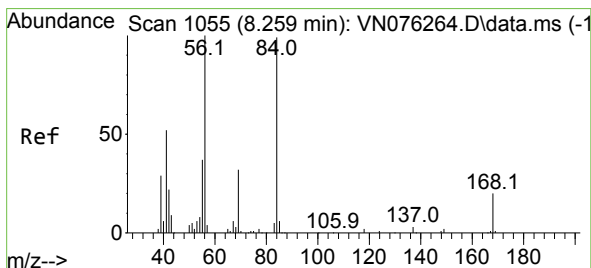
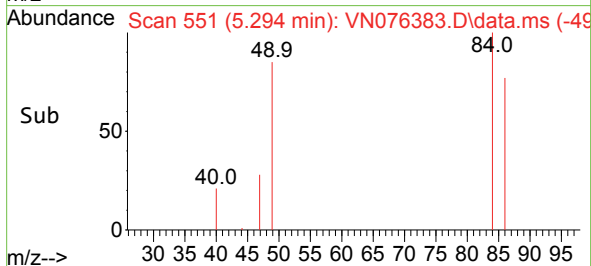
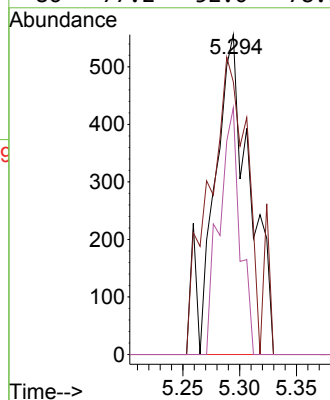


#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
IBLK

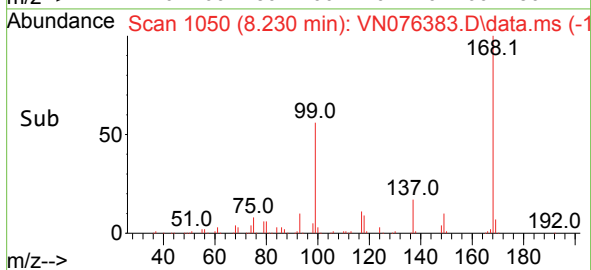
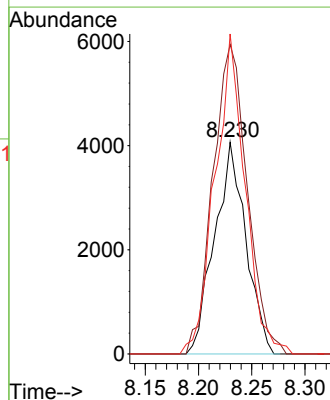
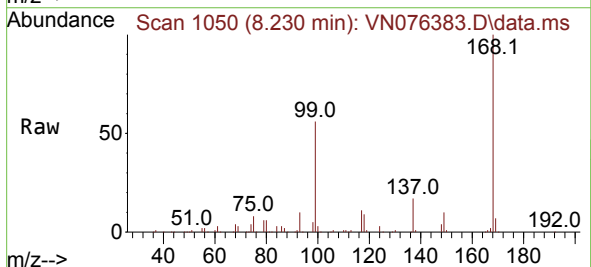


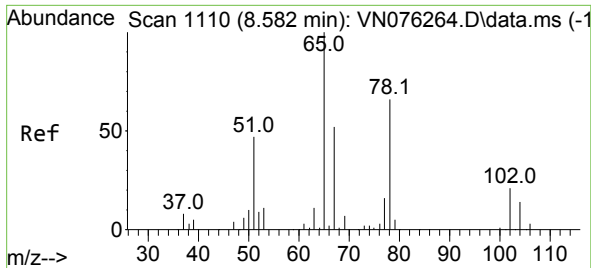
Tgt Ion: 84	Resp: 1226
Ion Ratio	Lower Upper
84 100	
49 85.3	84.5 126.7
51 0.0	26.0 39.0#
86 77.2	52.0 78.0



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

Tgt Ion: 56	Resp: 8292
Ion Ratio	Lower Upper
56 100	
69 146.3	25.8 38.8#
84 151.2	79.0 118.4#





#33

1,2-Dichloroethane-d4

Concen: 50.228 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

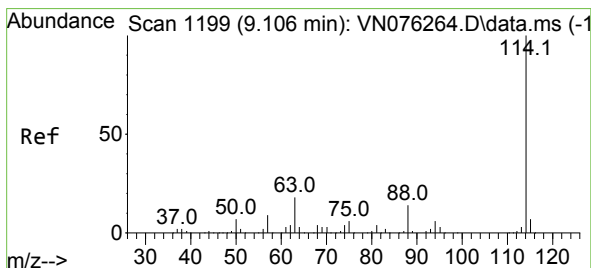
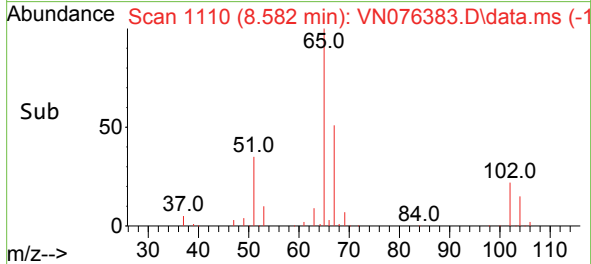
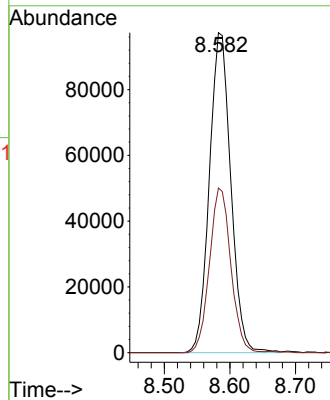
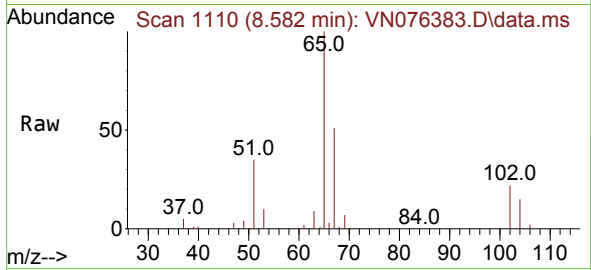
IBLK

Tgt Ion: 65 Resp: 220747

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

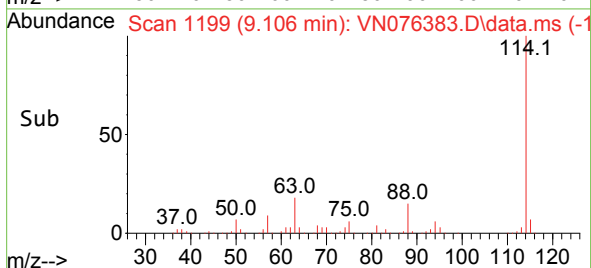
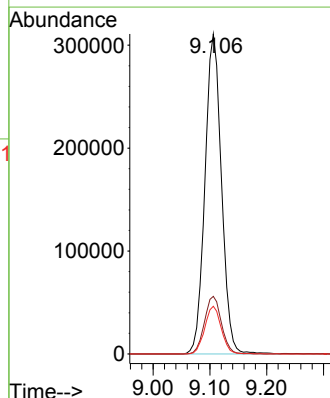
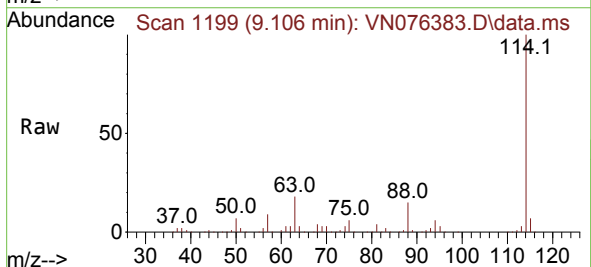
Tgt Ion: 114 Resp: 626365

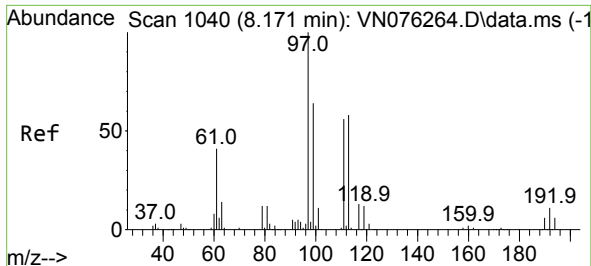
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 14.9 0.0 28.0





#35

Dibromofluoromethane

Concen: 48.255 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

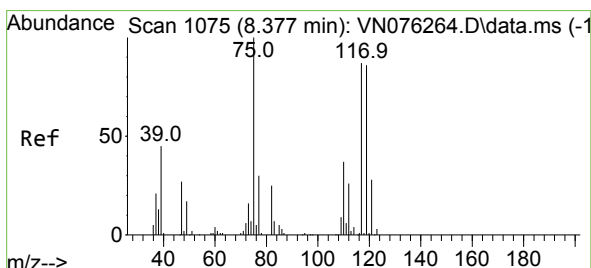
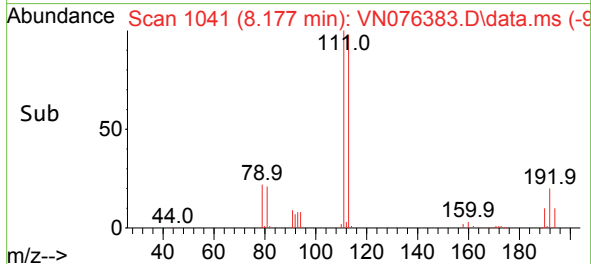
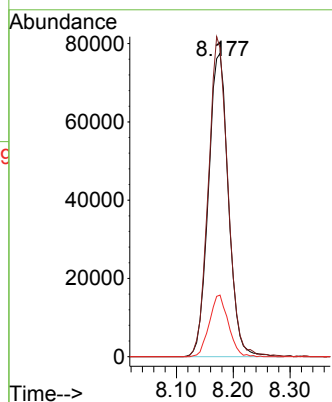
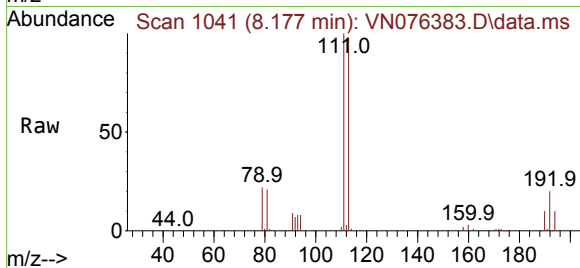
Tgt Ion:113 Resp: 189073

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

192 19.4 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.195 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

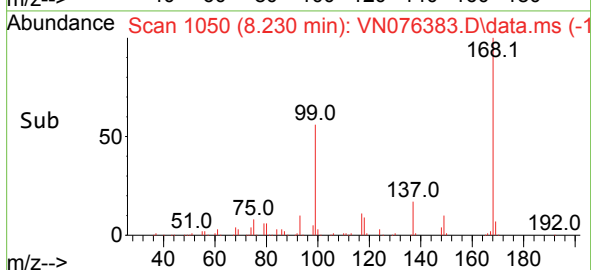
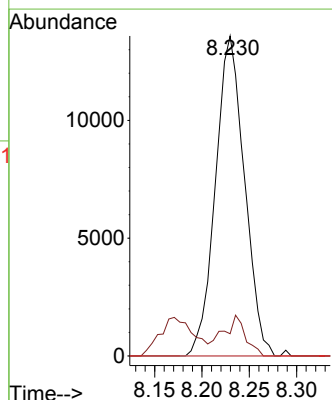
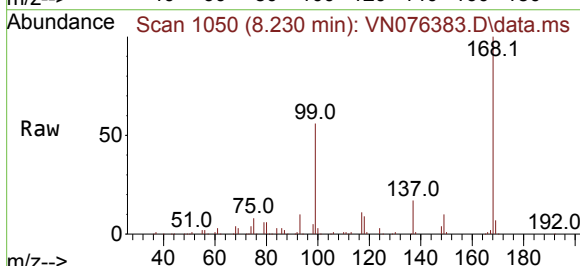
Tgt Ion: 75 Resp: 28922

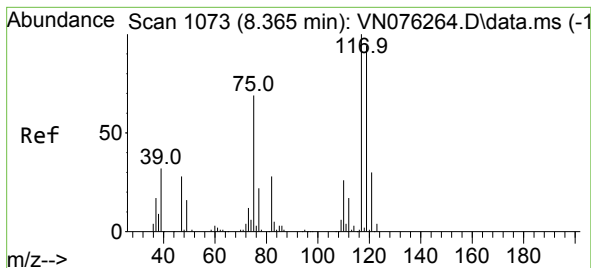
Ion Ratio Lower Upper

75 100

110 10.0 18.8 56.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.556 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

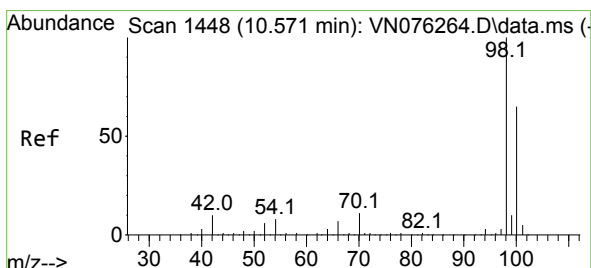
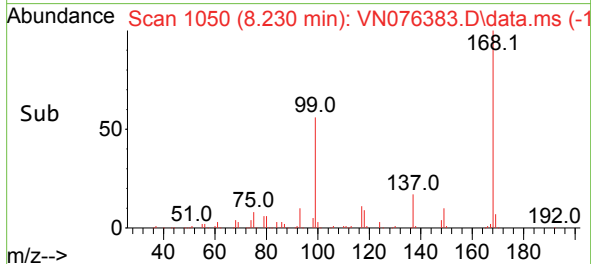
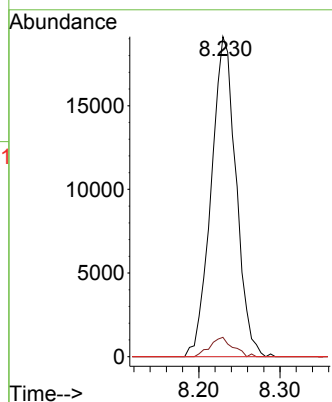
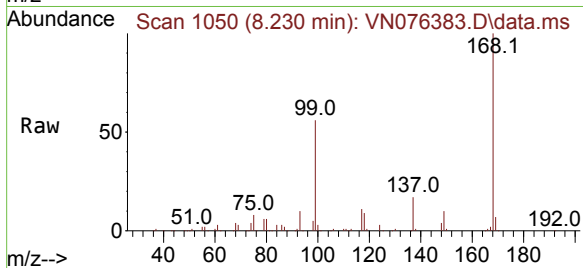
Tgt Ion:117 Resp: 40703

Ion Ratio Lower Upper

117 100

119 6.0 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 50.117 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076383.D

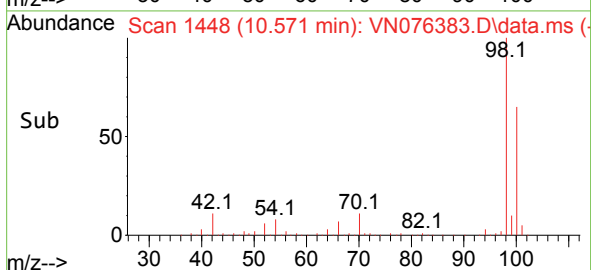
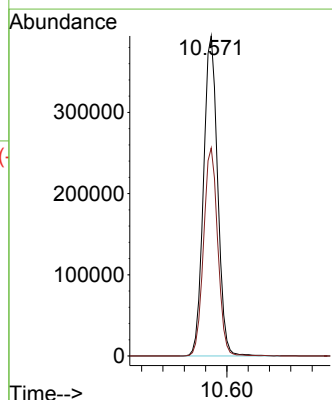
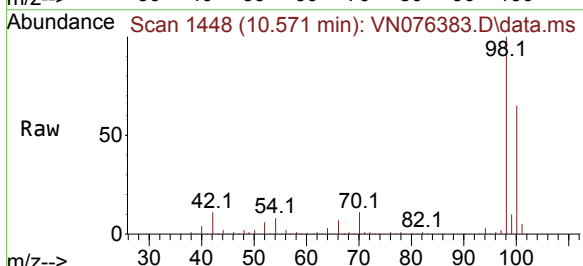
Acq: 24 Jan 2023 15:29

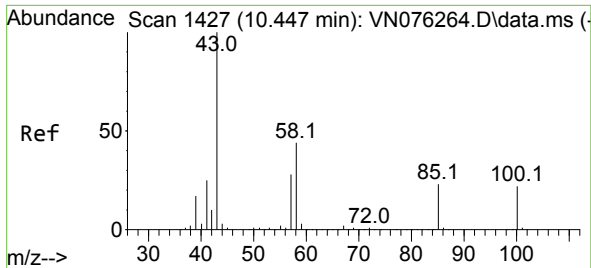
Tgt Ion: 98 Resp: 725207

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.634 ug/l

RT: 10.576 min Scan# 1449

Delta R.T. 0.129 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

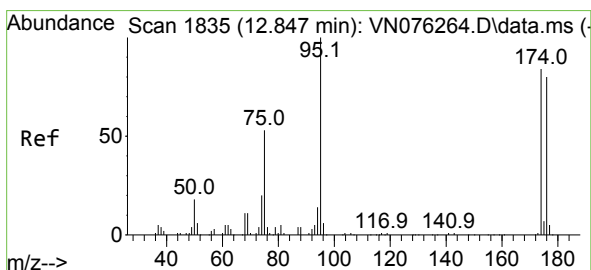
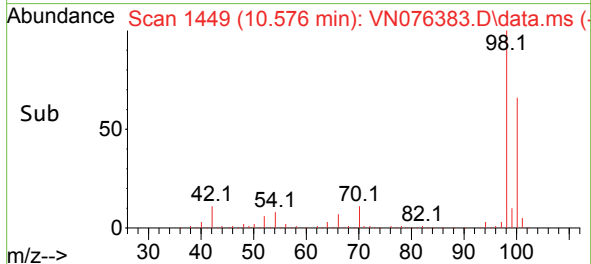
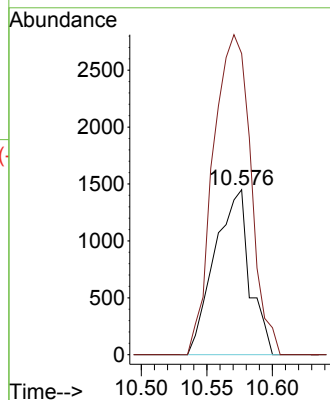
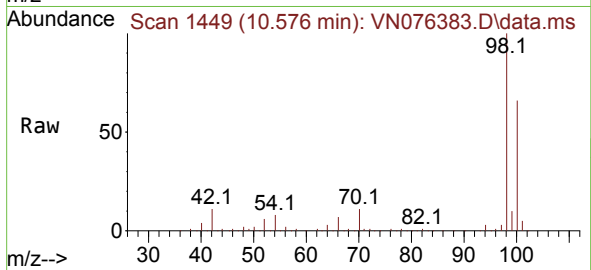
IBLK

Tgt Ion: 43 Resp: 2704

Ion Ratio Lower Upper

43 100

58 207.5 35.1 52.7#



#62

4-Bromofluorobenzene

Concen: 48.548 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076383.D

Acq: 24 Jan 2023 15:29

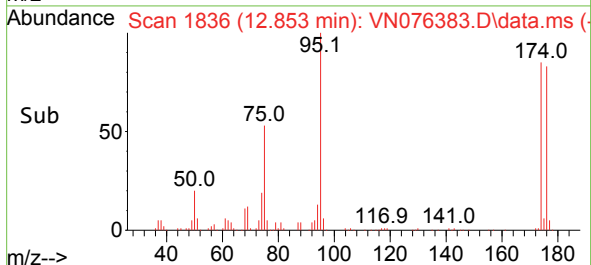
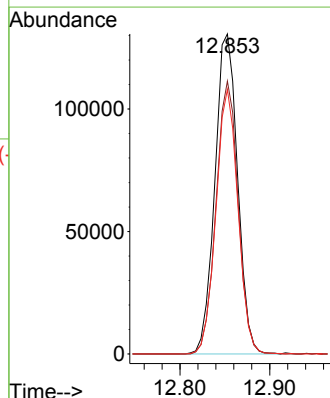
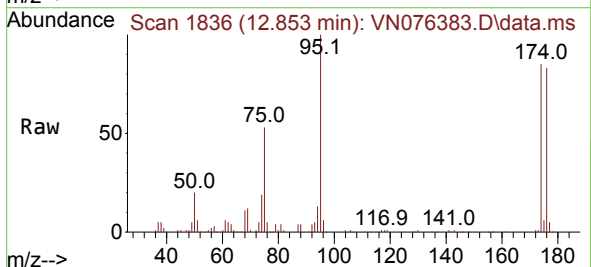
Tgt Ion: 95 Resp: 229335

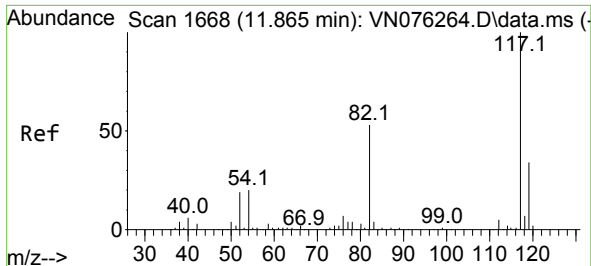
Ion Ratio Lower Upper

95 100

174 82.9 0.0 174.6

176 80.1 0.0 167.8

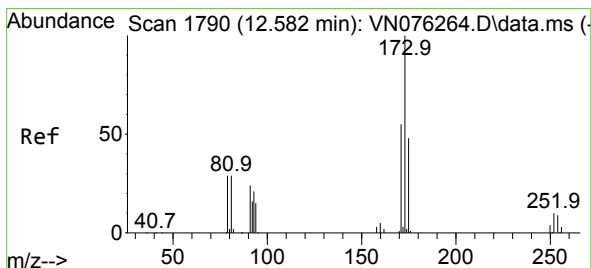
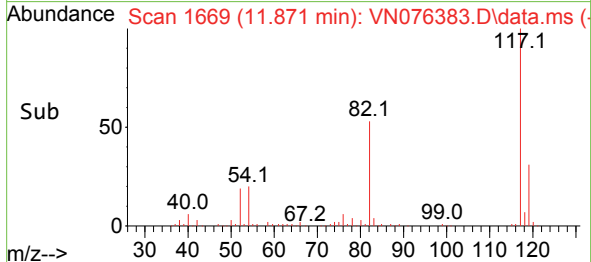
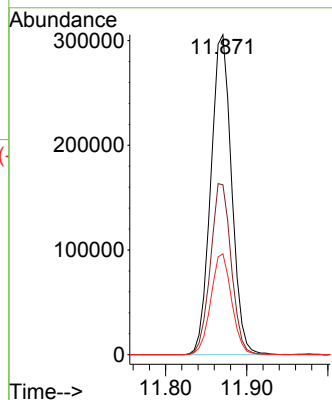
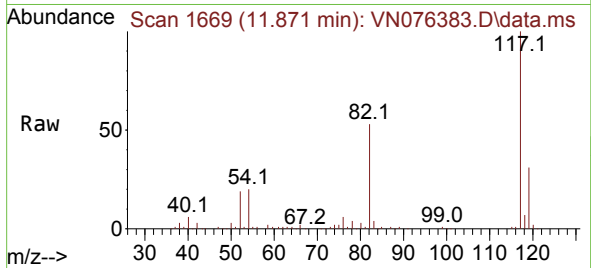




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

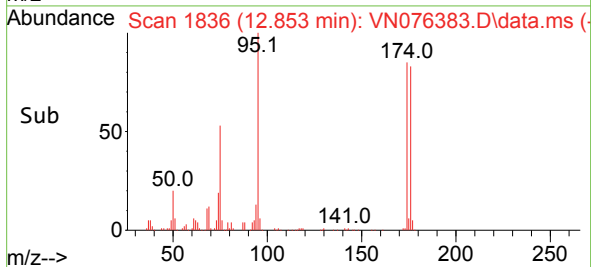
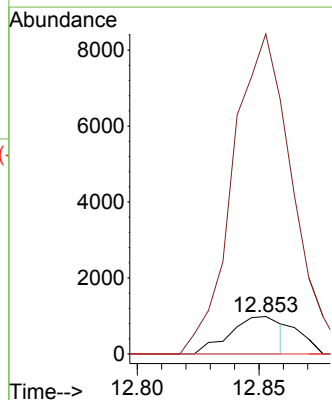
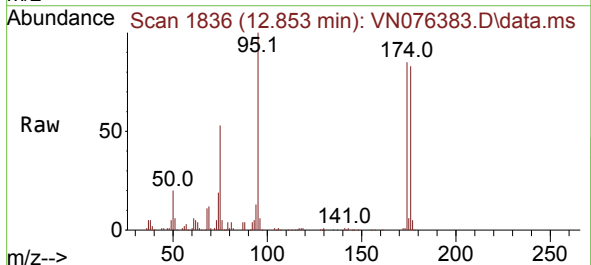
Instrument :
MSVOA_N
ClientSampleId :
IBLK

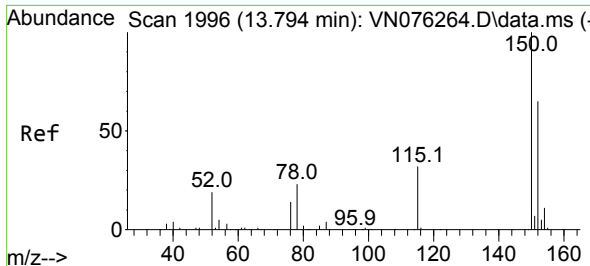
Tgt Ion:117 Resp: 544199
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 31.5 26.9 40.3



#71
Bromoform
Concen: 0.467 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

Tgt Ion:173 Resp: 1443
Ion Ratio Lower Upper
173 100
175 802.6 24.1 72.4#
254 0.0 0.0 0.0

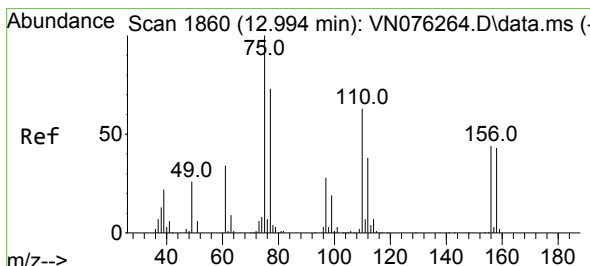
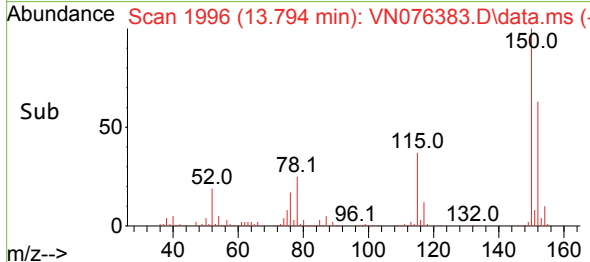
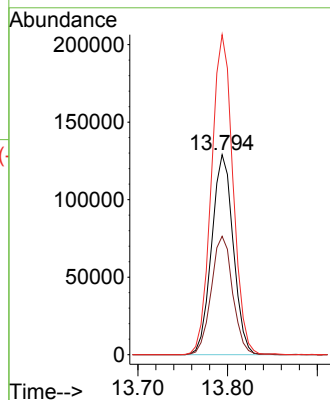
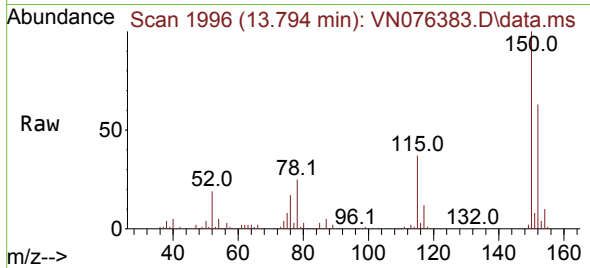




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076383.D
 Acq: 24 Jan 2023 15:29

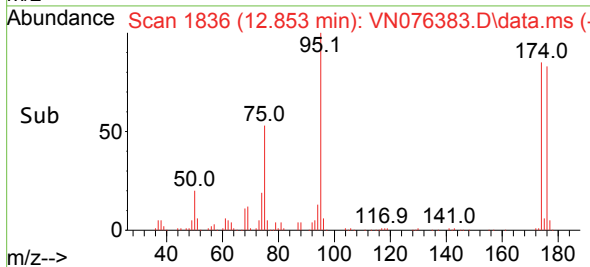
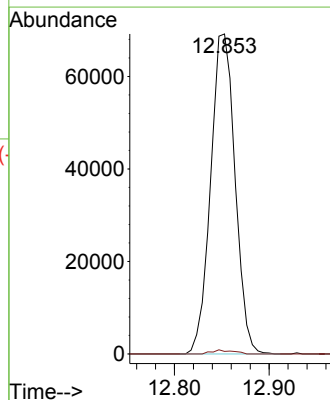
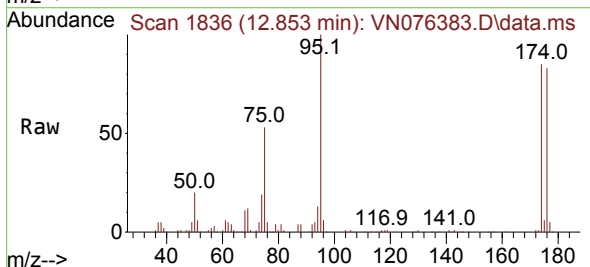
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

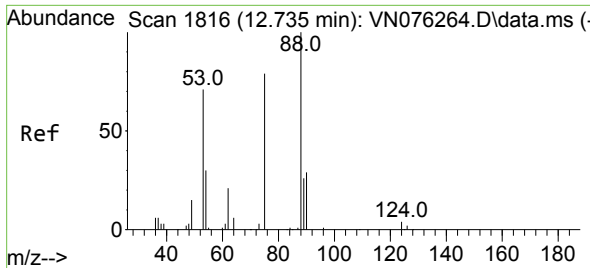
Tgt Ion:152 Resp: 215482
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.6 88.9
 150 160.1 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 31.310 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. -0.141 min
 Lab File: VN076383.D
 Acq: 24 Jan 2023 15:29

Tgt Ion: 75 Resp: 124298
 Ion Ratio Lower Upper
 75 100
 77 1.1 75.2 225.6#

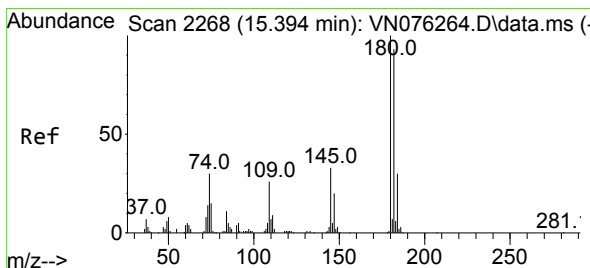
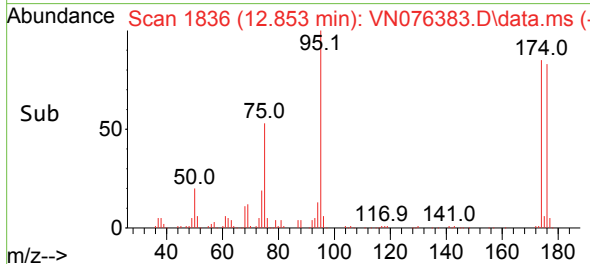
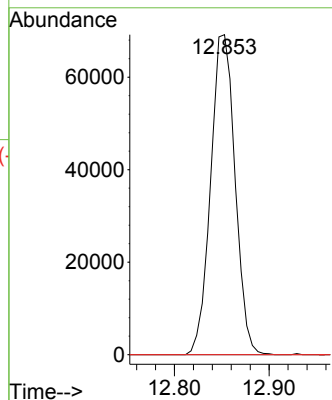
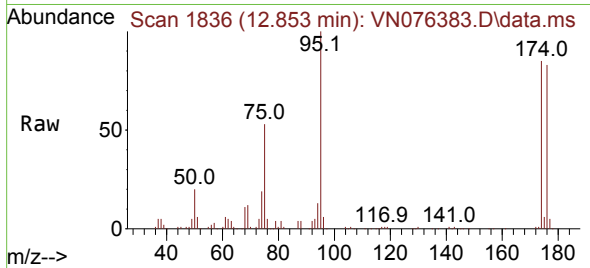




#81
trans-1,4-Dichloro-2-butene
Concen: 95.976 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

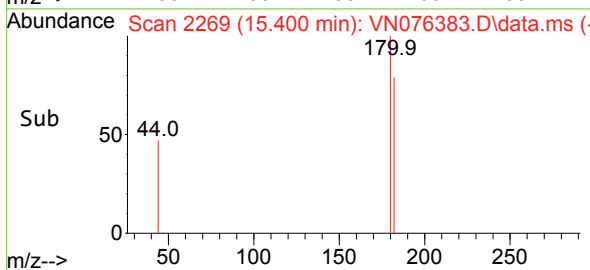
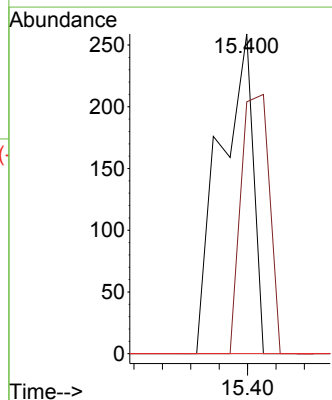
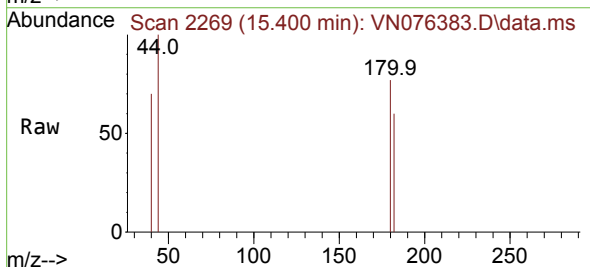
Instrument :
MSVOA_N
ClientSampleId :
IBLK

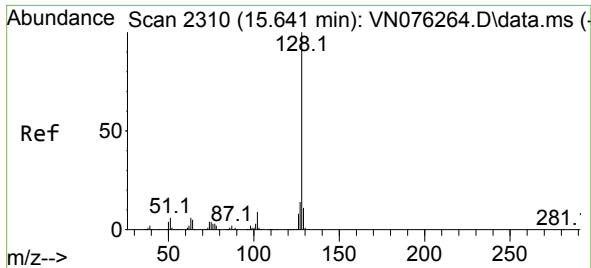
Tgt Ion: 75 Resp: 124298
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.359 ug/l
RT: 15.400 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VN076383.D
Acq: 24 Jan 2023 15:29

Tgt Ion:180 Resp: 210
Ion Ratio Lower Upper
180 100
182 69.5 47.0 141.2
145 0.0 15.2 45.5#





#95

Naphthalene

Concen: 1.945 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076383.D

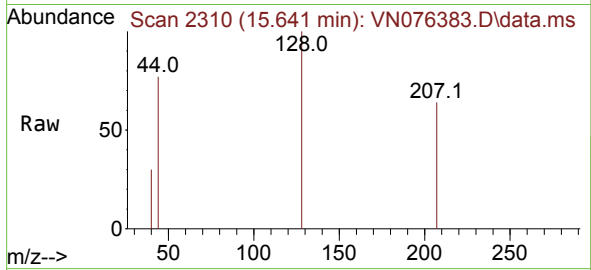
Acq: 24 Jan 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 1235

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

