

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076433.D
 Acq On : 27 Jan 2023 12:35
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 27 23:22:01 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)

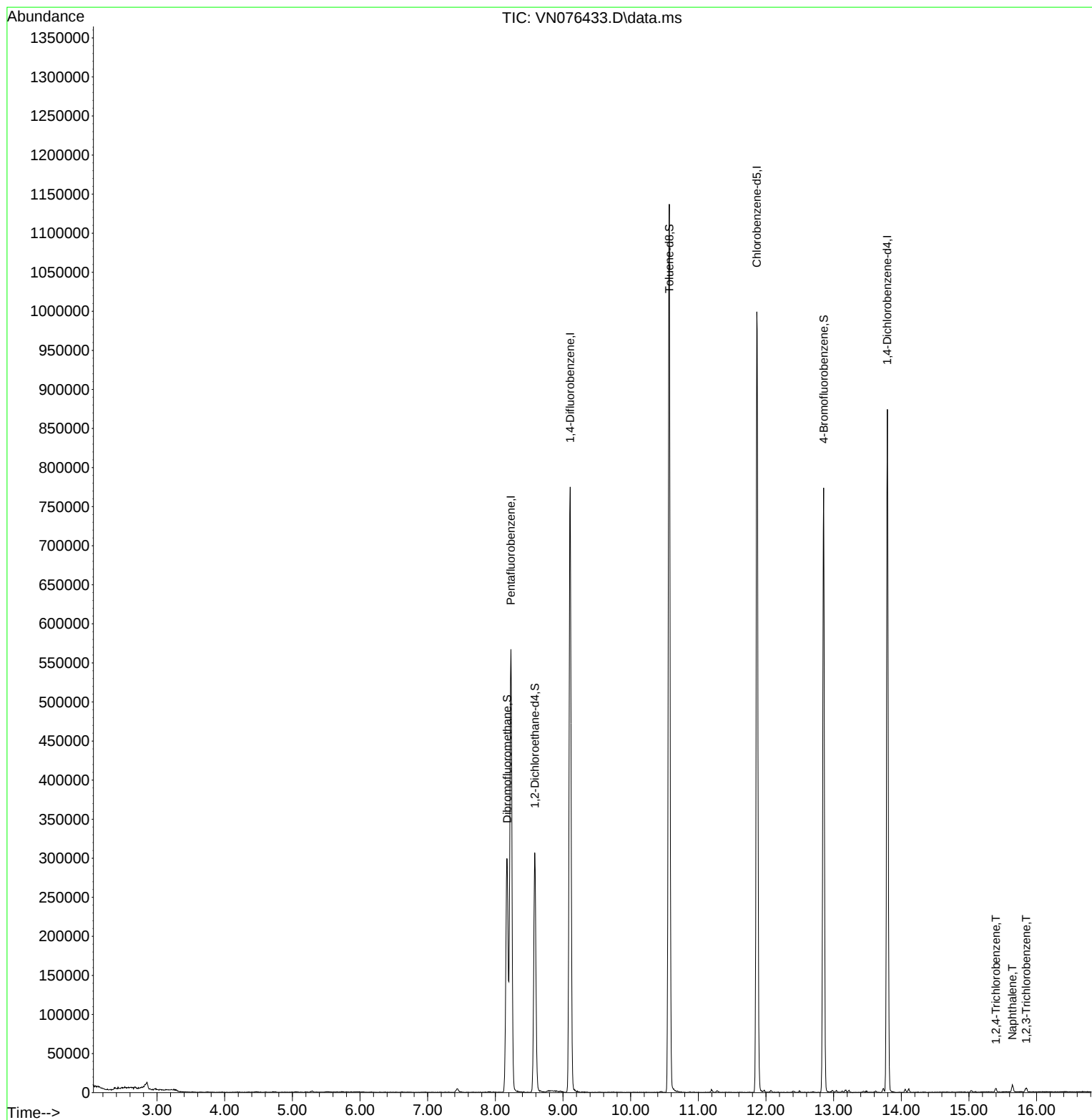
Internal Standards						
1) Pentafluorobenzene	8.230	168	419061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	694898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	596127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255409	54.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.860%			
35) Dibromofluoromethane	8.177	113	216790	49.873	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.740%			
50) Toluene-d8	10.571	98	787902	49.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.160%			
62) 4-Bromofluorobenzene	12.853	95	252371	48.156	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.320%			
Target Compounds						Qvalue
93) 1,2,4-Trichlorobenzene	15.400	180	2084	1.795	ug/l	96
95) Naphthalene	15.641	128	9472	2.583	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	2555	1.786	ug/l	82

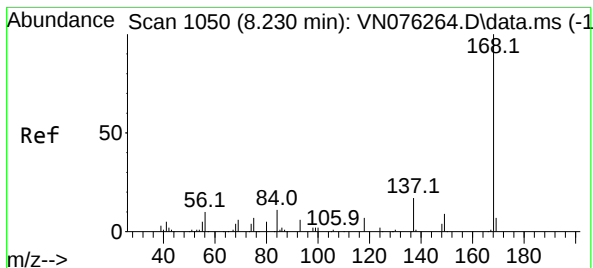
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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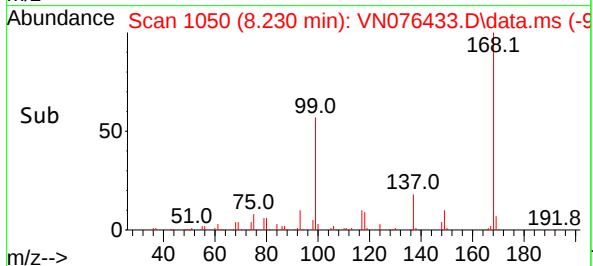
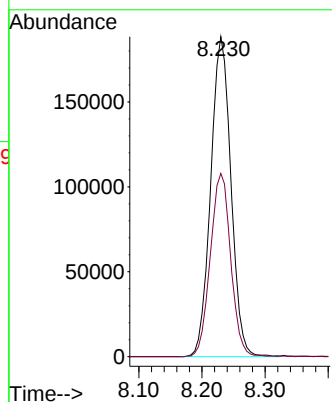
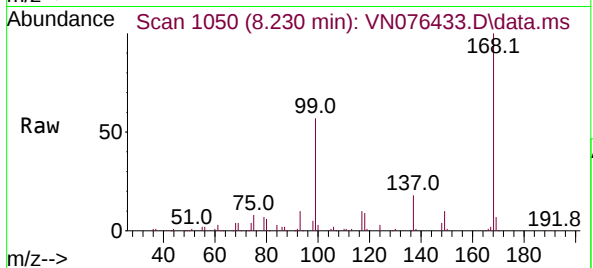




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076433.D
Acq: 27 Jan 2023 12:35

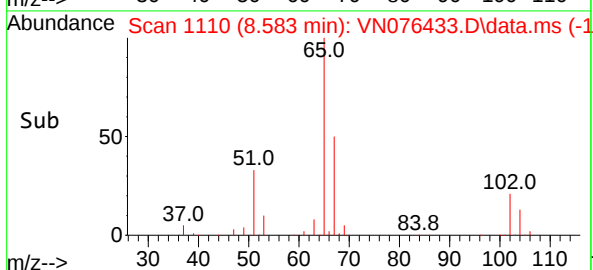
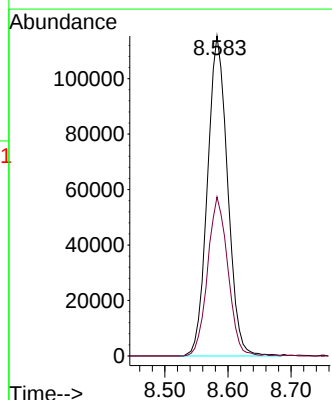
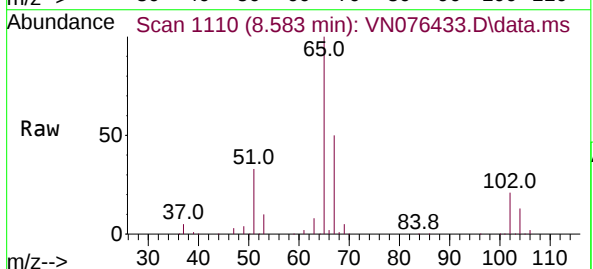
Instrument :
MSVOA_N
ClientSampleId :
IBLK

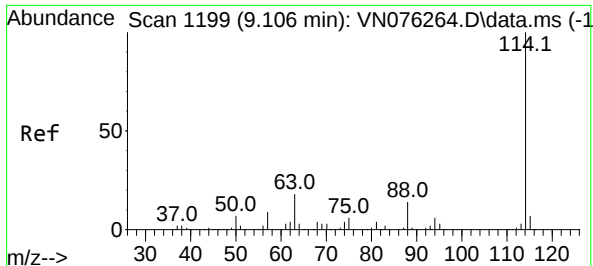
Tgt Ion:168 Resp: 419061
Ion Ratio Lower Upper
168 100
99 57.3 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 54.433 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076433.D
Acq: 27 Jan 2023 12:35

Tgt Ion: 65 Resp: 255409
Ion Ratio Lower Upper
65 100
67 50.1 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: VN076433.D

Acq: 27 Jan 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

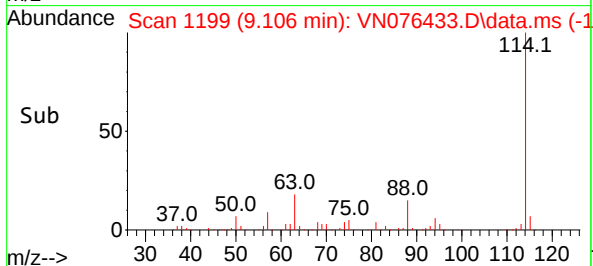
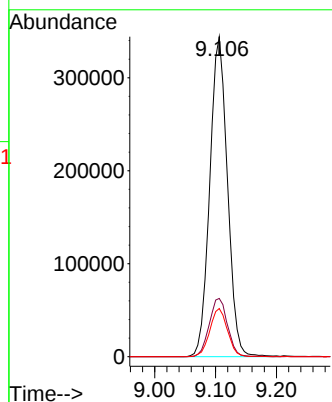
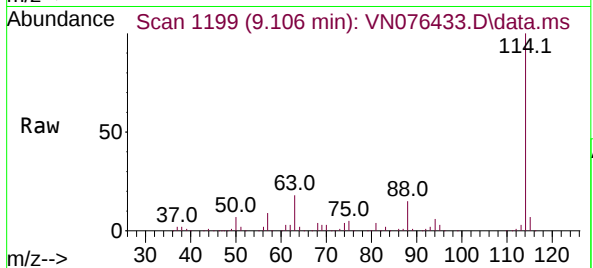
Tgt Ion:114 Resp: 694898

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.8

88 15.0 0.0 28.0



#35

Dibromofluoromethane

Concen: 49.873 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076433.D

Acq: 27 Jan 2023 12:35

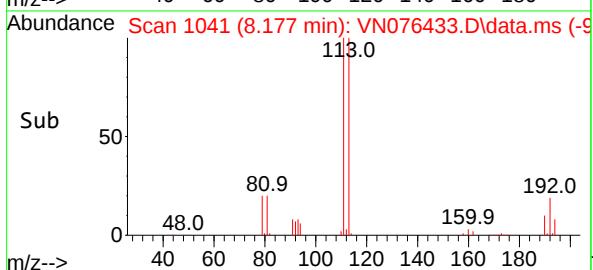
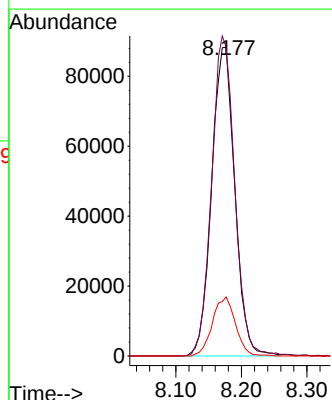
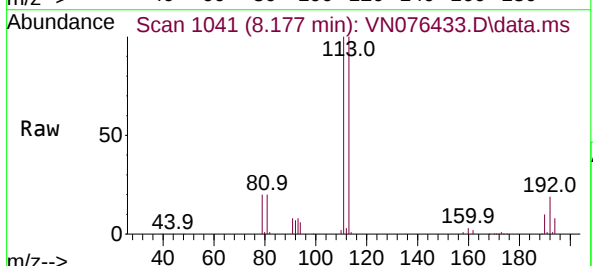
Tgt Ion:113 Resp: 216790

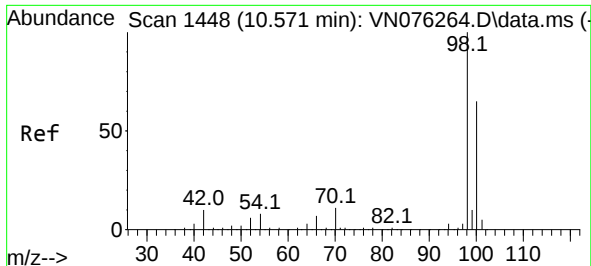
Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

192 19.0 15.6 23.4

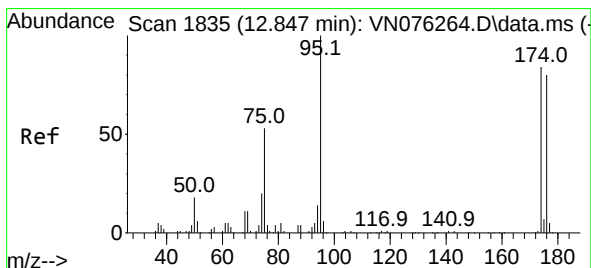
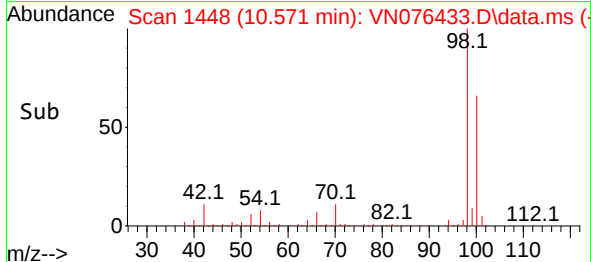
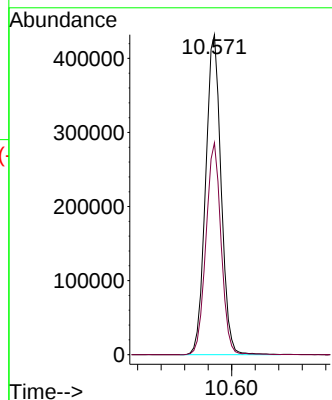
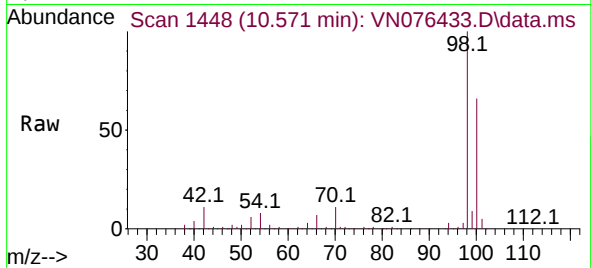




#50
Toluene-d8
Concen: 49.080 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076433.D
Acq: 27 Jan 2023 12:35

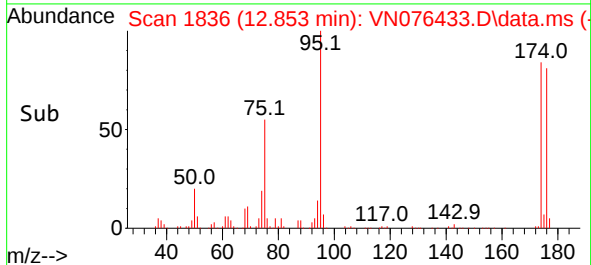
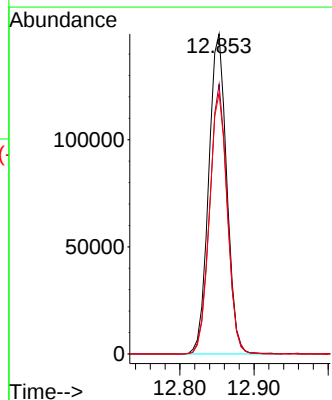
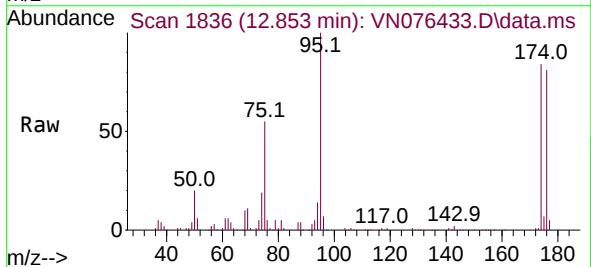
Instrument :
MSVOA_N
ClientSampleId :
IBLK

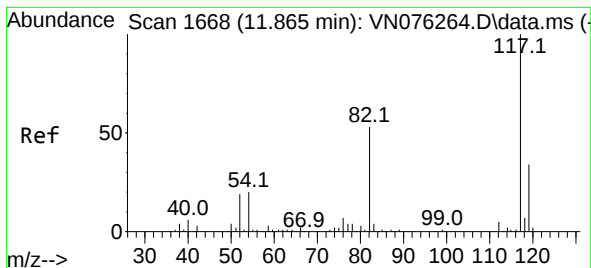
Tgt Ion: 98 Resp: 787902
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.156 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076433.D
Acq: 27 Jan 2023 12:35

Tgt Ion: 95 Resp: 252371
Ion Ratio Lower Upper
95 100
174 82.6 0.0 174.6
176 80.5 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076433.D

Acq: 27 Jan 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

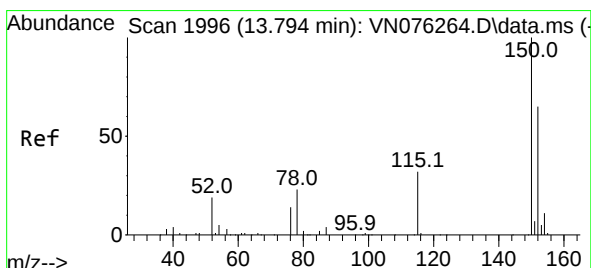
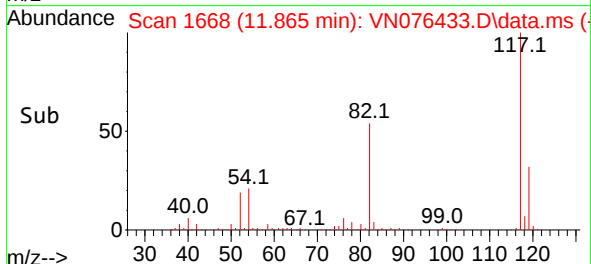
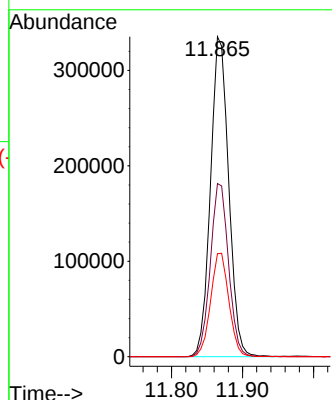
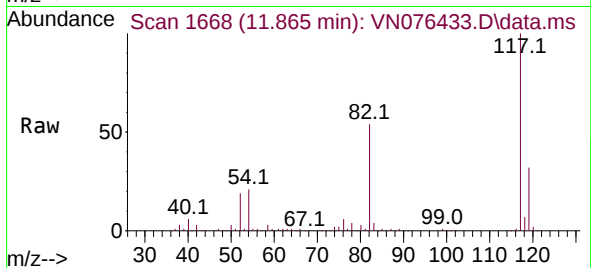
Tgt Ion:117 Resp: 596127

Ion Ratio Lower Upper

117 100

82 54.1 42.2 63.2

119 32.2 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076433.D

Acq: 27 Jan 2023 12:35

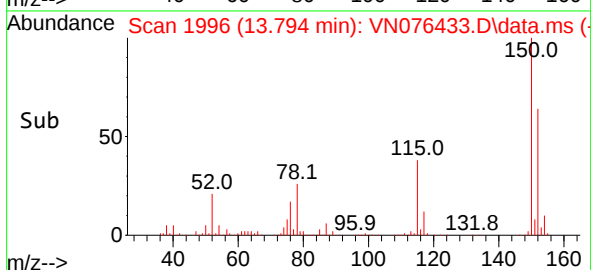
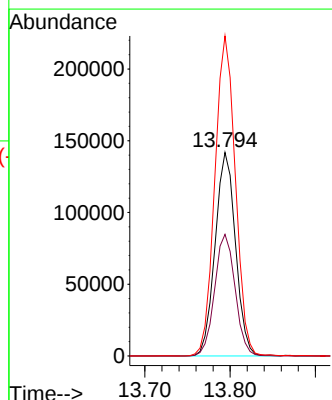
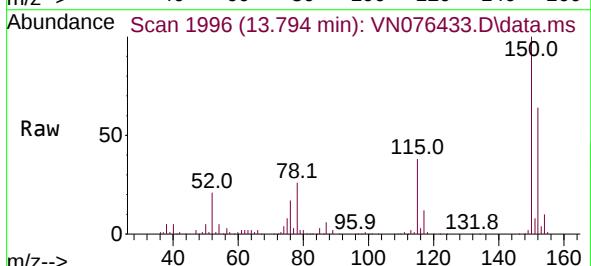
Tgt Ion:152 Resp: 236023

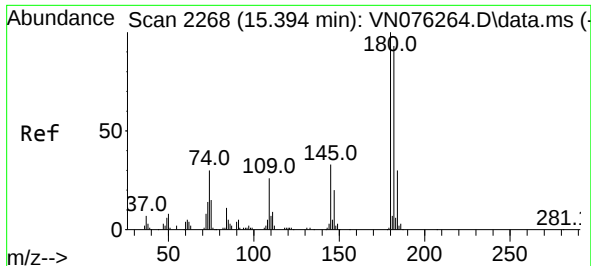
Ion Ratio Lower Upper

152 100

115 59.9 29.6 88.9

150 158.3 0.0 351.4

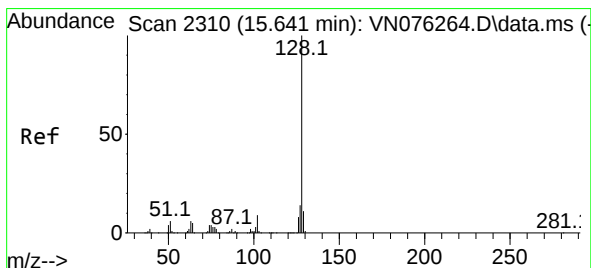
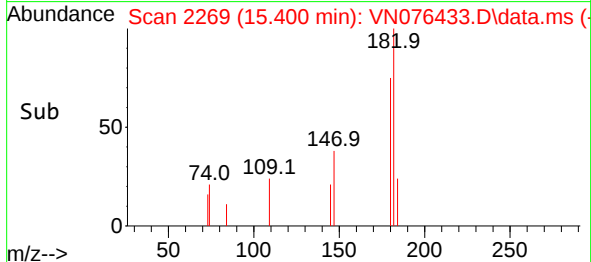
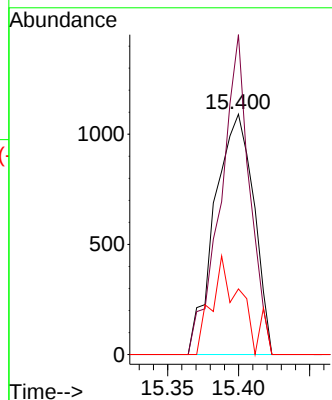
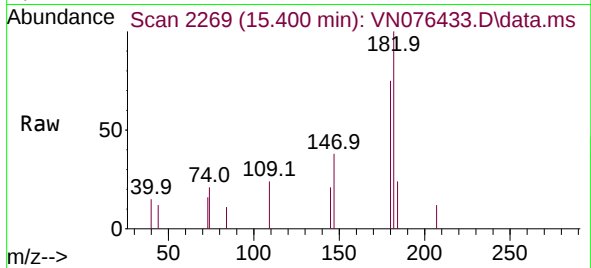




#93
1,2,4-Trichlorobenzene
Concen: 1.795 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076433.D
Acq: 27 Jan 2023 12:35

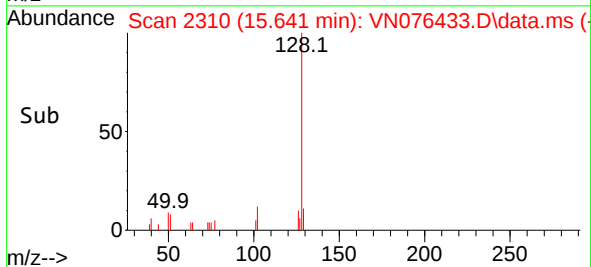
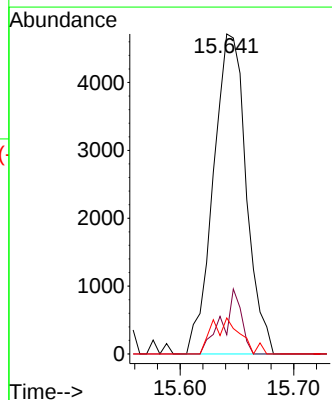
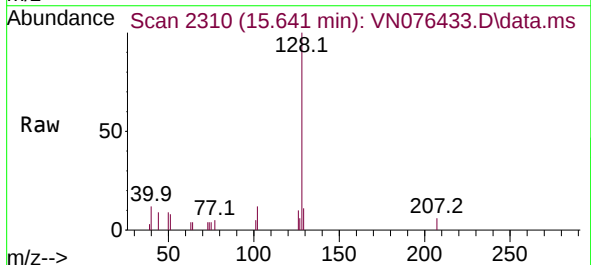
Instrument :
MSVOA_N
ClientSampleId :
IBLK

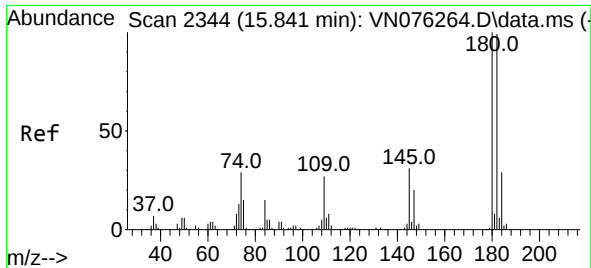
Tgt Ion:180 Resp: 2084
Ion Ratio Lower Upper
180 100
182 98.7 47.0 141.2
145 31.7 15.2 45.5



#95
Naphthalene
Concen: 2.583 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076433.D
Acq: 27 Jan 2023 12:35

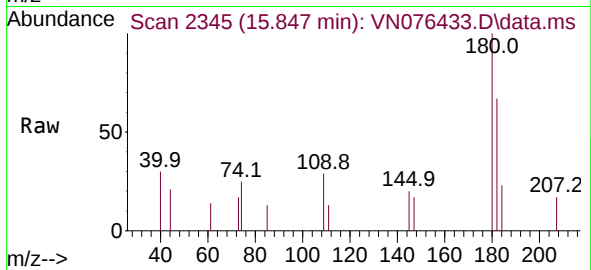
Tgt Ion:128 Resp: 9472
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 9.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.786 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076433.D
 Acq: 27 Jan 2023 12:35

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	2555
Ion	Ratio	Lower	Upper
180	100		
182	73.7	47.5	142.5
145	34.8	15.9	47.6

