

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032620\
 Data File : VX015358.D
 Acq On : 26 Mar 2020 15:07
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 27 08:13:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	197368	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	1107866	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	977904	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	462062	29.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.87%
60) 4-Bromofluorobenzene	11.12	95	508034	30.36	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.20%
63) Toluene-d8	8.70	98	1277024	30.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.47%

Target Compounds

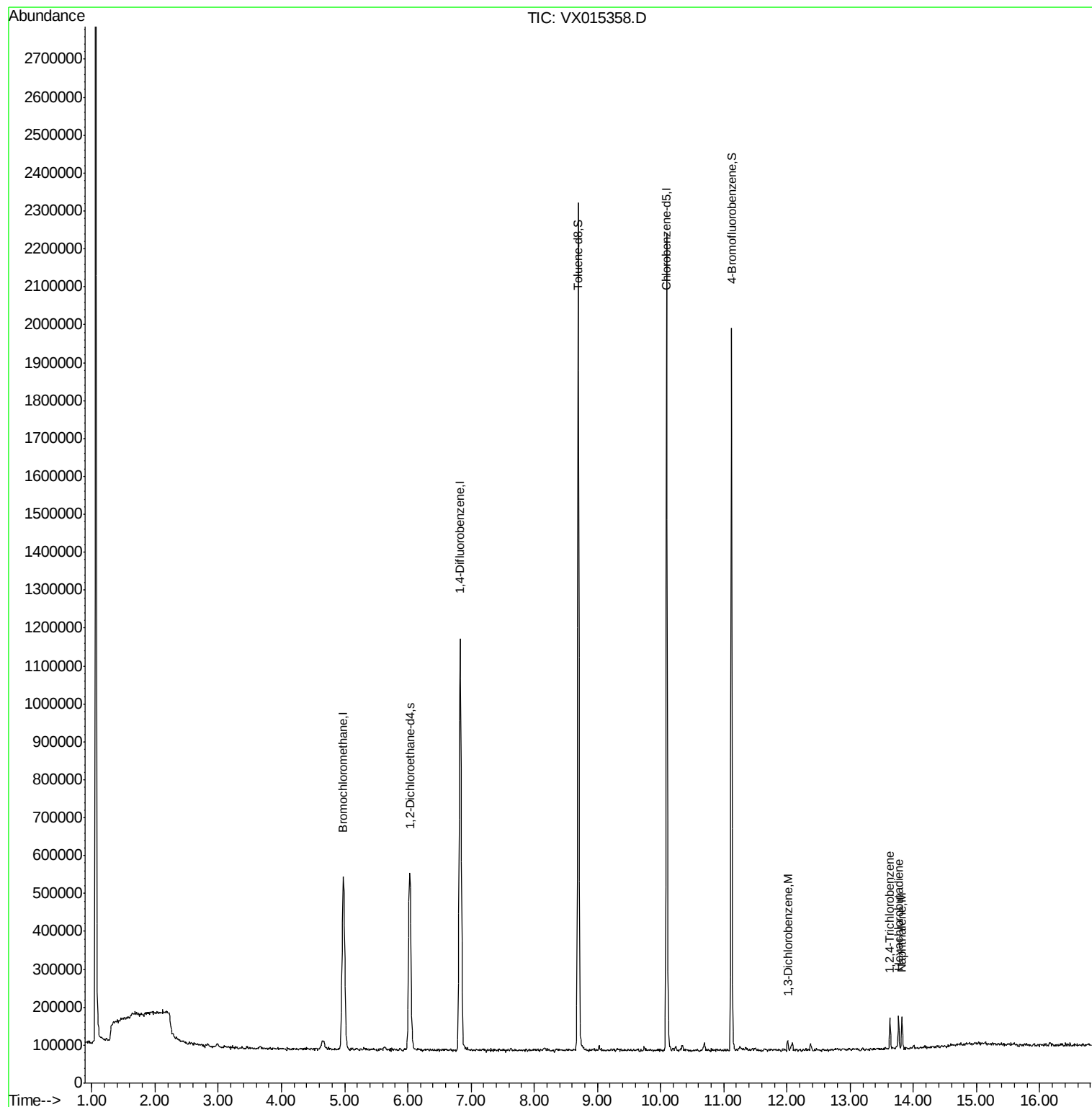
					Ovalue
83) 1,3-Dichlorobenzene	12.01	146	10738	0.401 ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	22188	1.054 ug/l	92
90) Hexachlorobutadiene	13.77	225	13449	1.213 ug/l	98
91) Naphthalene	13.82	128	53555	0.879 ug/l	96

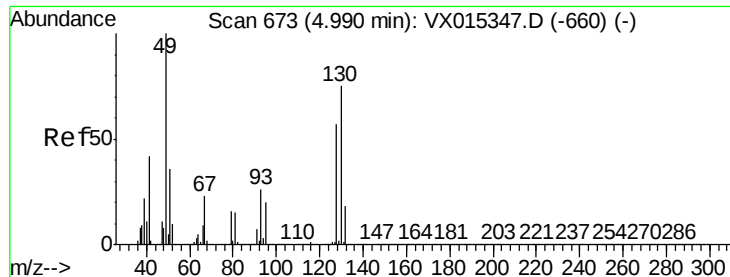
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 26 02:31:53 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX015358.D

Acq: 26 Mar 2020 15:07

Instrument :

MSVOA_X

ClientSampled :

IBLK

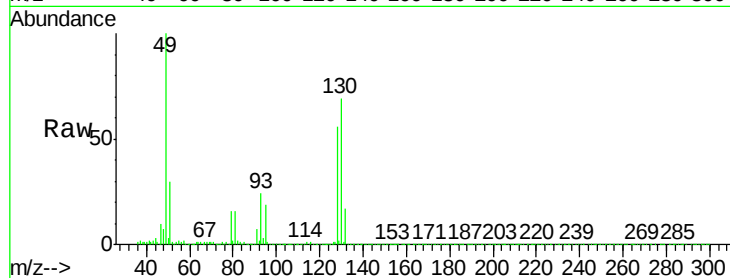
Tot Ion:128 Resp: 197368

Ion Ratio Lower Upper

128 100

49 171.8 0.0 428.0

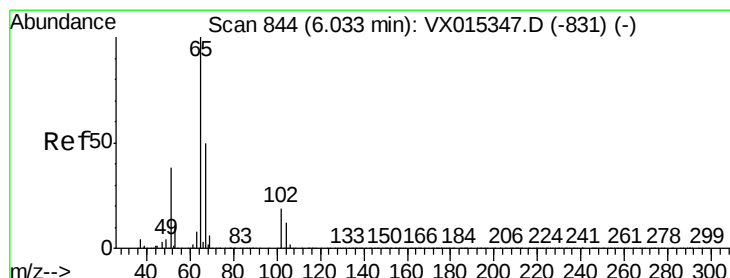
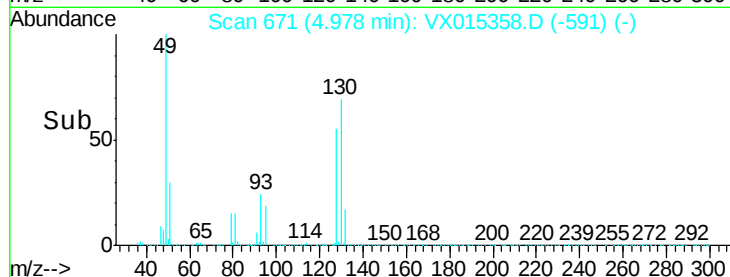
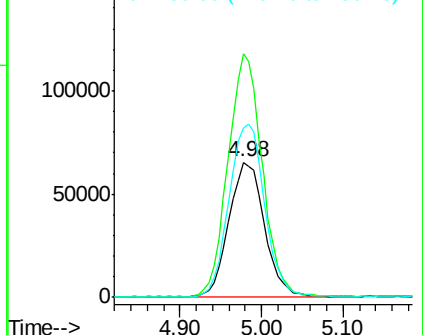
130 127.3 0.0 324.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.960 ug/l

RT: 6.03 min Scan# 843

Delta R.T. -0.01 min

Lab File: VX015358.D

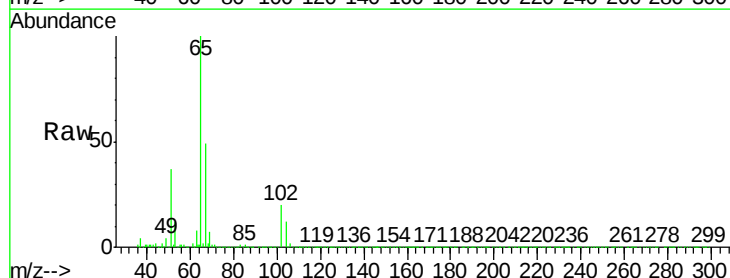
Acq: 26 Mar 2020 15:07

Tgt Ion: 65 Resp: 462062

Ion Ratio Lower Upper

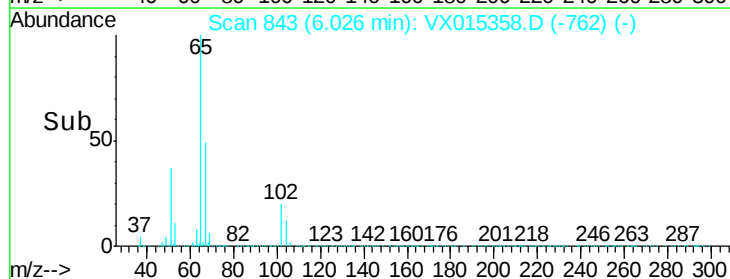
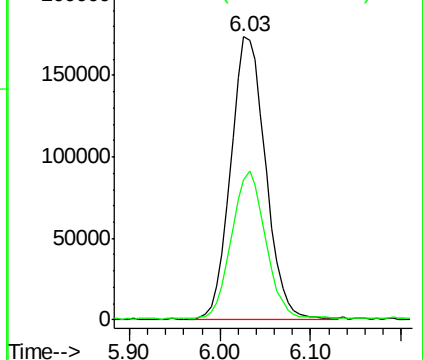
65 100

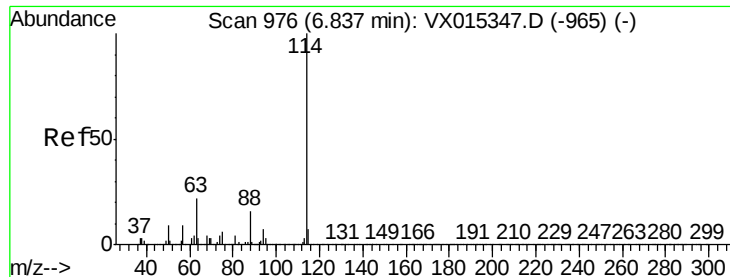
67 50.6 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

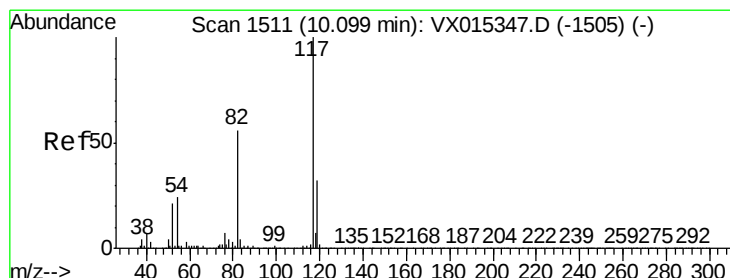
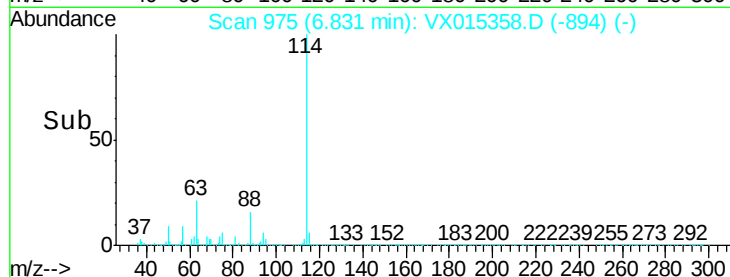
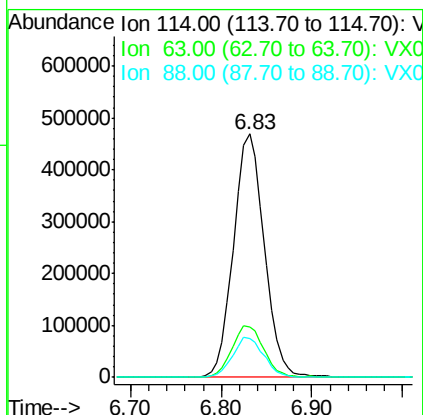
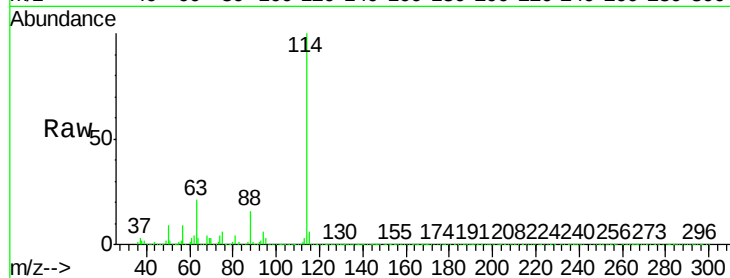




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 975
Delta R.T. -0.01 min
Lab File: VX015358.D
Acq: 26 Mar 2020 15:07

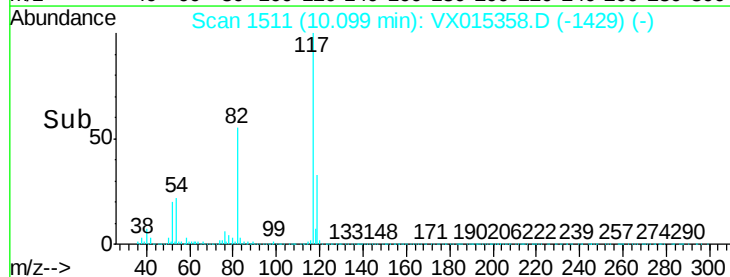
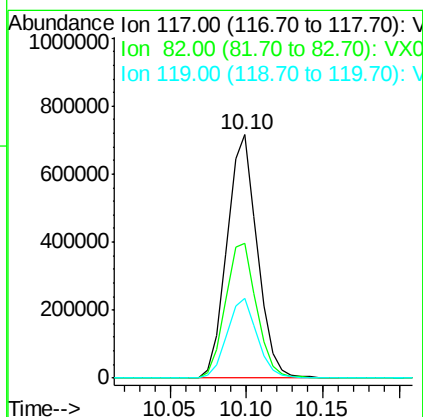
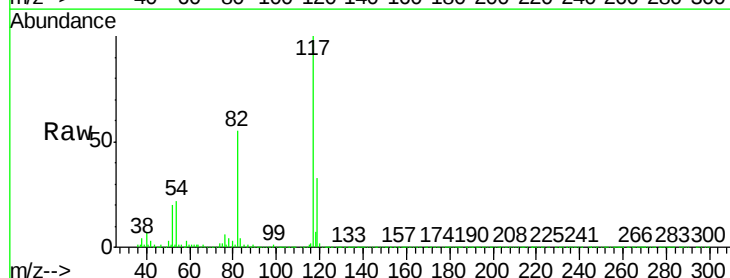
Instrument :
MSVOA_X
ClientSampleId :
IBLK

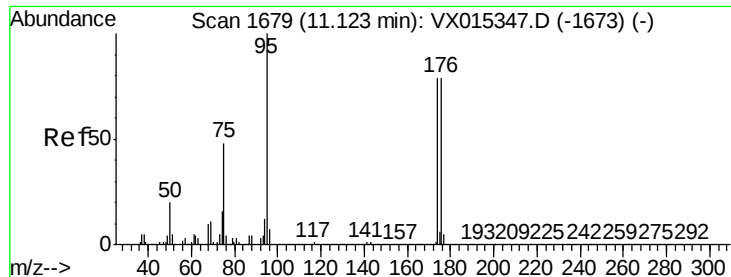
Tot Ion:114 Resp: 1107866
Ion Ratio Lower Upper
114 100
63 21.8 17.4 26.2
88 16.4 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015358.D
Acq: 26 Mar 2020 15:07

Tgt Ion:117 Resp: 977904
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.6
119 32.5 25.5 38.3

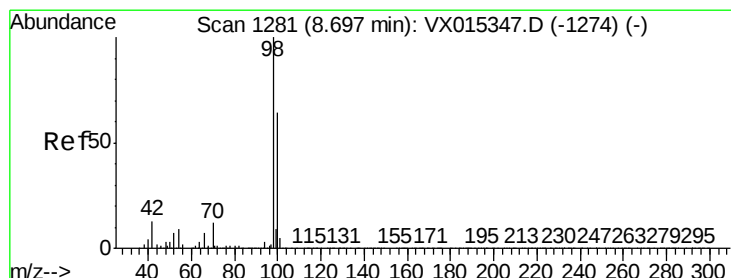
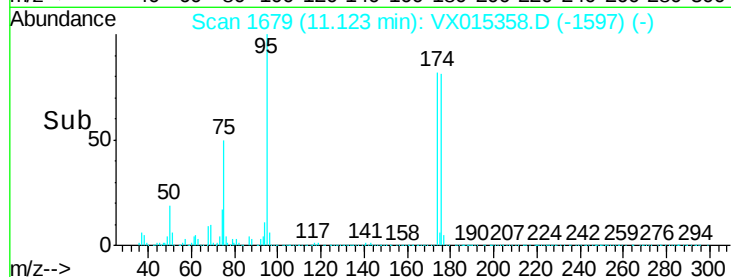
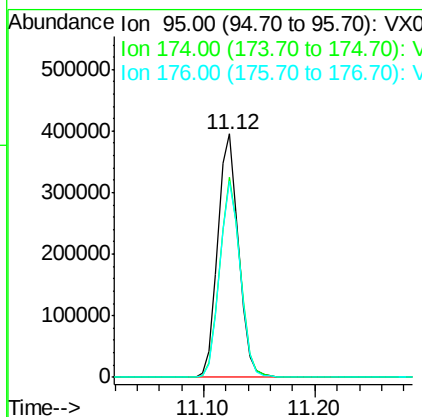
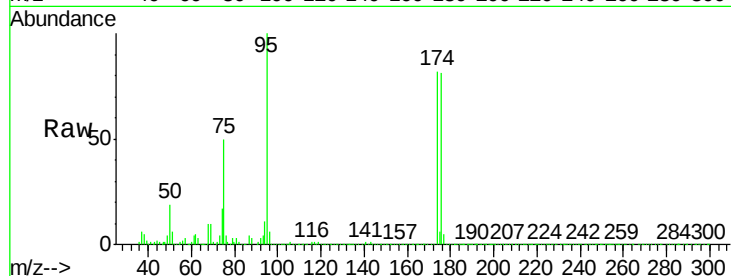




#60
4-Bromofluorobenzene
Concen: 30.356 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015358.D
Acq: 26 Mar 2020 15:07

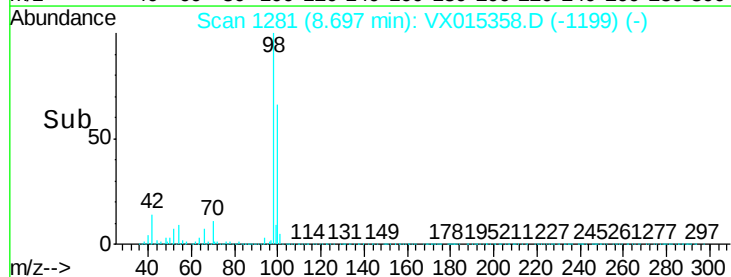
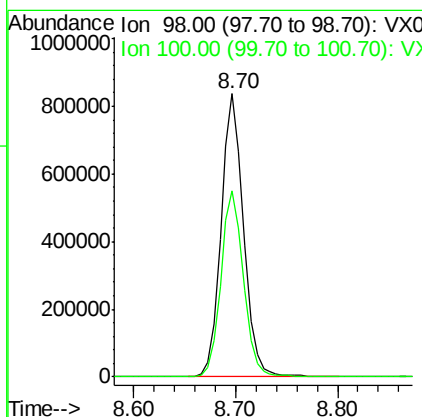
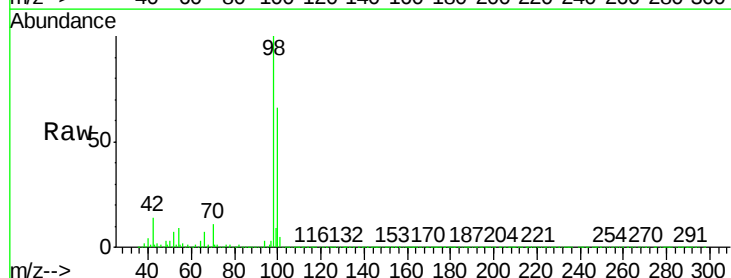
Instrument :
MSVOA_X
ClientSampled :
IBLK

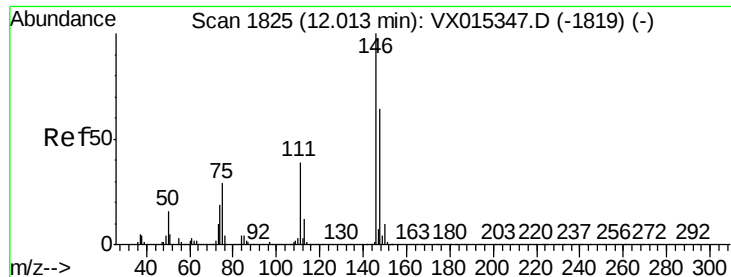
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.3	66.4	99.6
176	80.1	64.1	96.1



#63
Toluene-d8
Concen: 30.737 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015358.D
Acq: 26 Mar 2020 15:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2

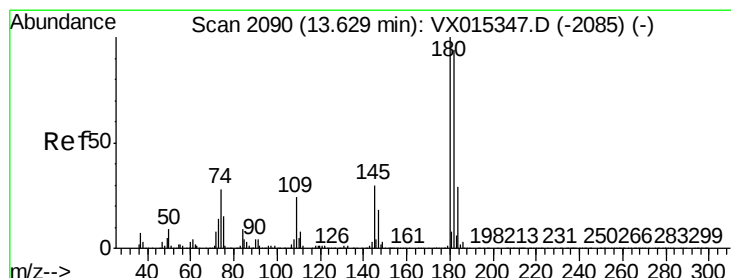
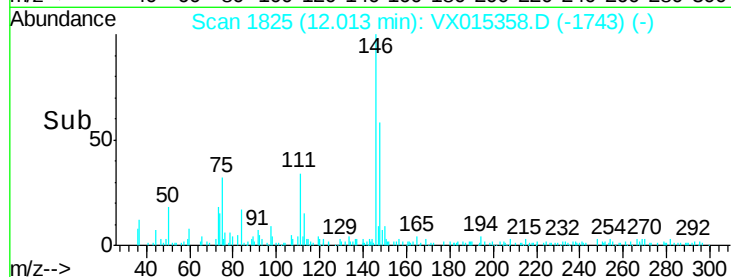
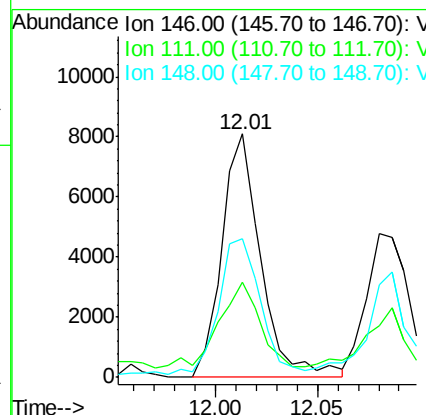
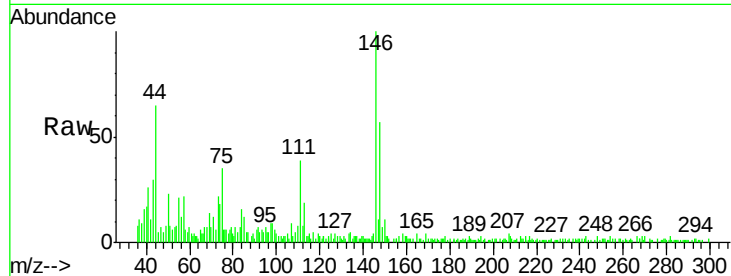




#83
 1,3-Dichlorobenzene
 Concen: 0.401 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015358.D
 Acq: 26 Mar 2020 15:07

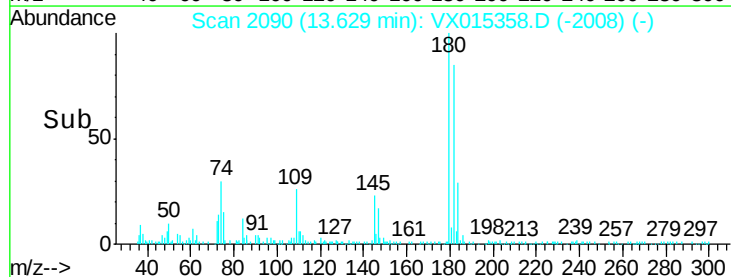
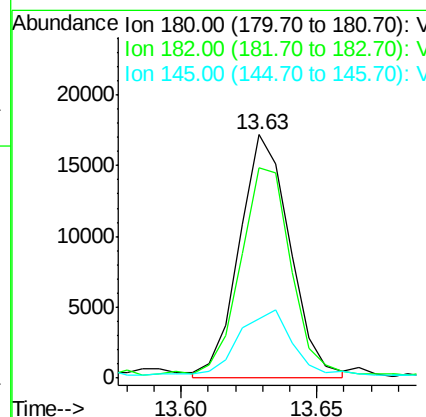
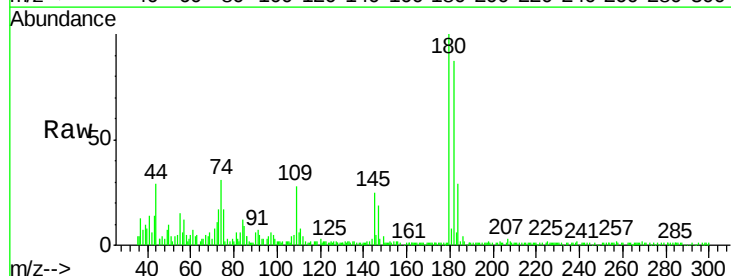
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

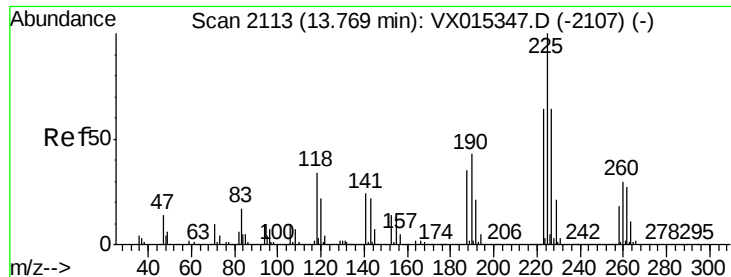
Tot Ion	Ratio	Lower	Upper
146	100		
111	33.8	20.1	60.2
148	59.2	31.4	94.2



#89
 1,2,4-Trichlorobenzene
 Concen: 1.054 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015358.D
 Acq: 26 Mar 2020 15:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.5	76.9	115.3
145	28.3	24.3	36.5





#90

Hexachlorobutadiene

Concen: 1.213 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VX015358.D

Acq: 26 Mar 2020 15:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

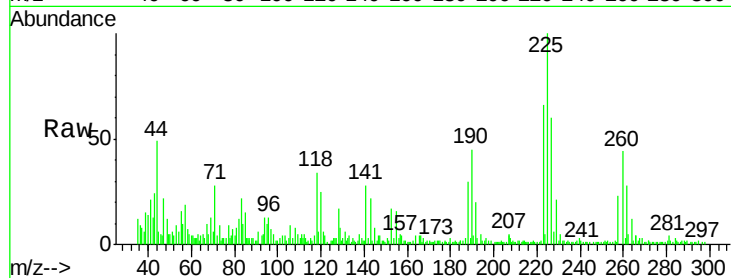
Tot Ion:225 Resp: 13449

Ion Ratio Lower Upper

225 100

223 64.2 0.0 127.0

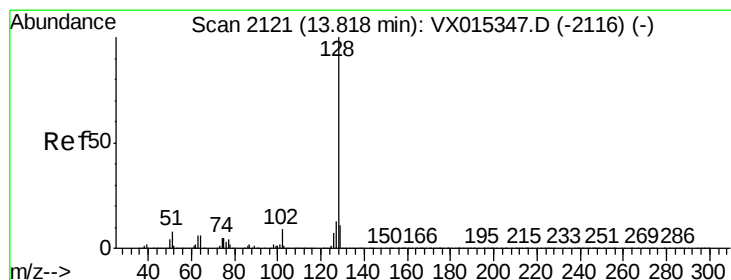
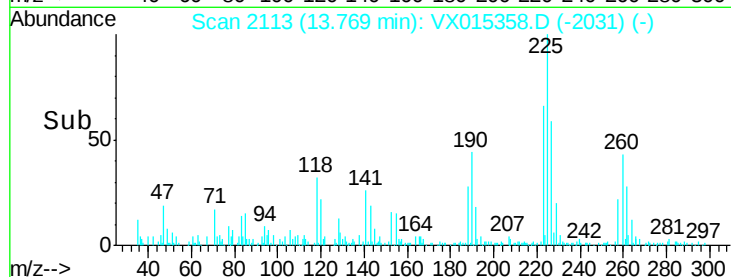
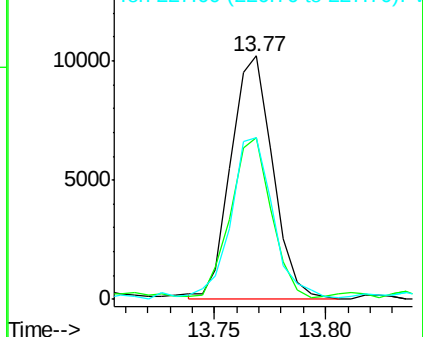
227 66.0 0.0 126.8



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 0.879 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015358.D

Acq: 26 Mar 2020 15:07

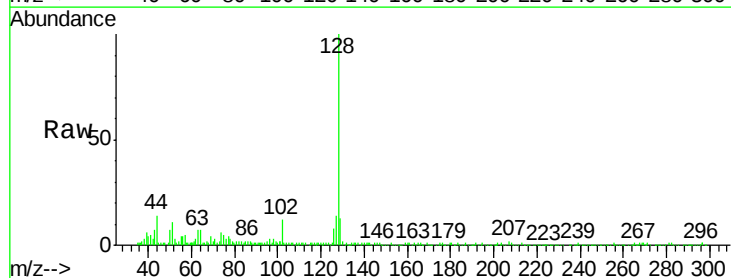
Tgt Ion:128 Resp: 53555

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 12.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

