

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014696.D
 Acq On : 24 Jan 2020 14:44
 Operator : JC/SP
 Sample : L1222-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SH-BC

Quant Time: Jan 24 22:27:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	69402	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	368688	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	326155	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	151999	31.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.87%
60) 4-Bromofluorobenzene	11.13	95	142025	27.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.70%
63) Toluene-d8	8.71	98	440347	29.89	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.63%

Target Compounds

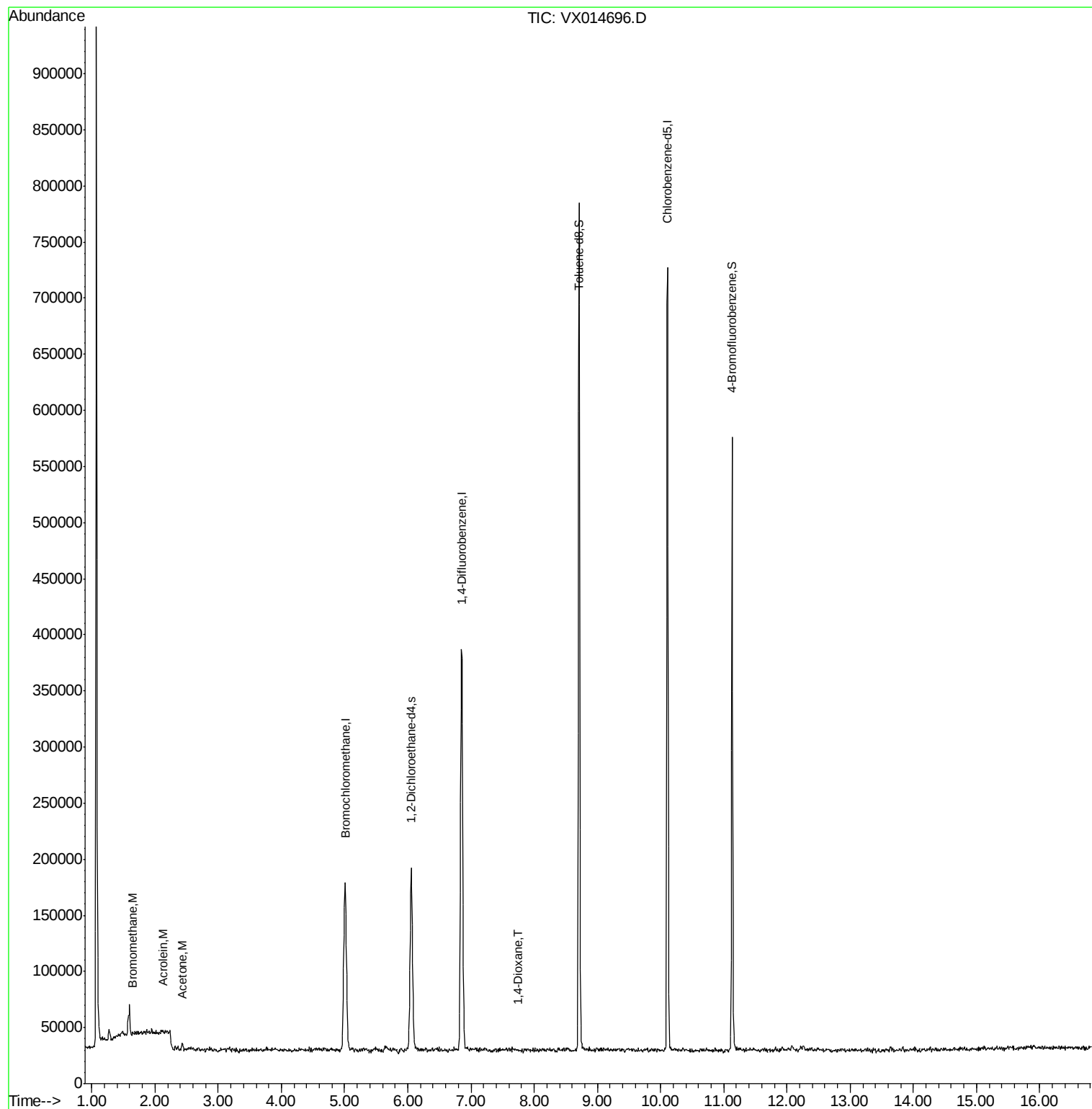
					Ovalue
5) Bromomethane	1.64	94	923	0.251 ug/l	83
13) Acrolein	2.12	56	185	0.254 ug/l	95
15) Acetone	2.44	58	2467	3.099 ug/l	94
45) 1,4-Dioxane	7.74	88	119	1.189 ug/l #	1

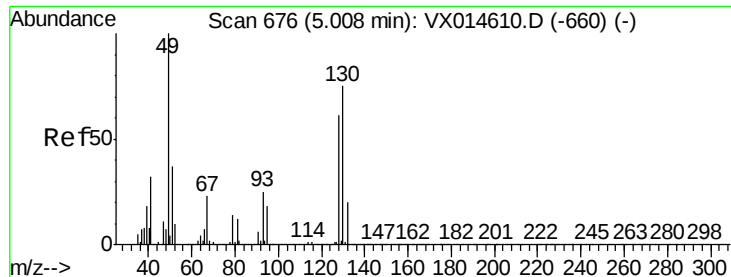
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012420\
Data File : VX014696.D
Acq On : 24 Jan 2020 14:44
Operator : JC/SP
Sample : L1222-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SH-BC

Quant Time: Jan 24 22:27:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014696.D

Acq: 24 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

SH-BC

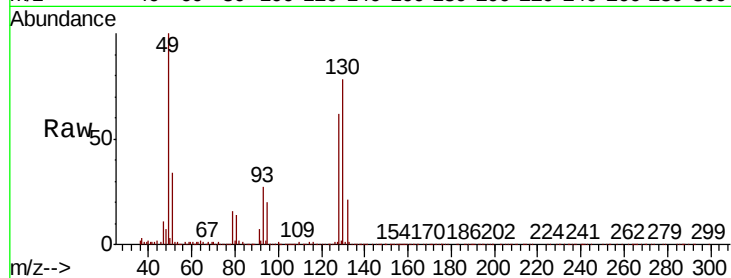
Tot Ion:128 Resp: 69402

Ion Ratio Lower Upper

128 100

49 161.7 0.0 405.0

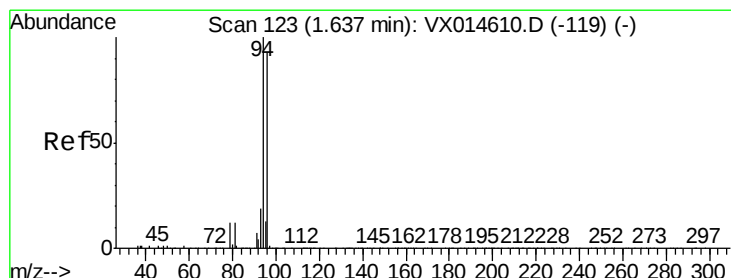
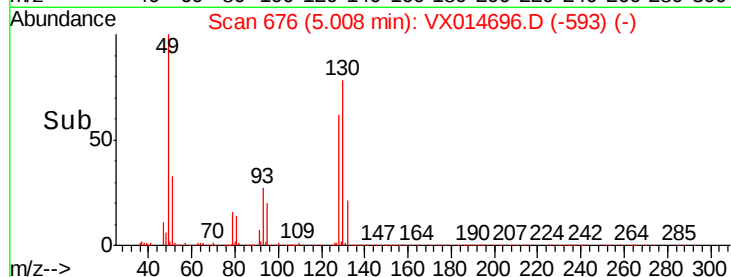
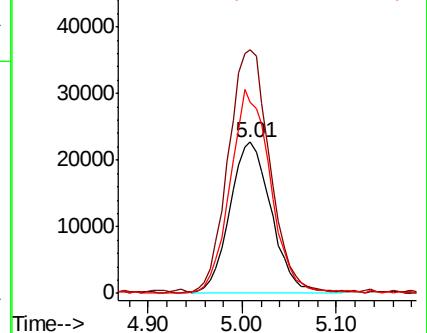
130 130.3 0.0 321.5



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



#5

Bromomethane

Concen: 0.251 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014696.D

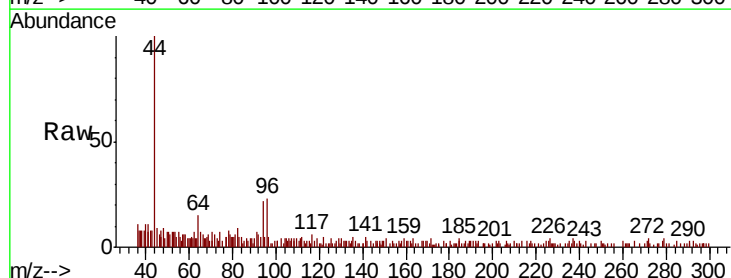
Acq: 24 Jan 2020 14:44

Tgt Ion: 94 Resp: 923

Ion Ratio Lower Upper

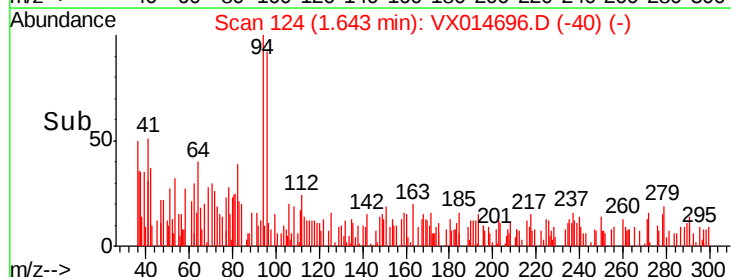
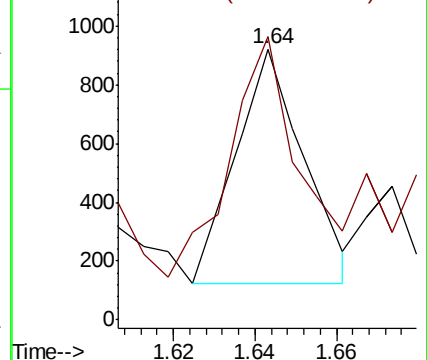
94 100

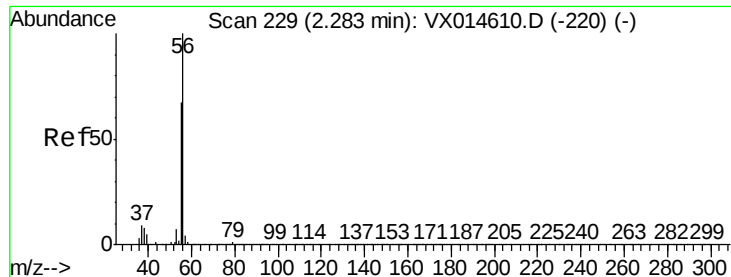
96 109.5 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#13

Acrolein

Concen: 0.254 ug/l

RT: 2.12 min Scan# 202

Delta R.T. -0.16 min

Lab File: VX014696.D

Acq: 24 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

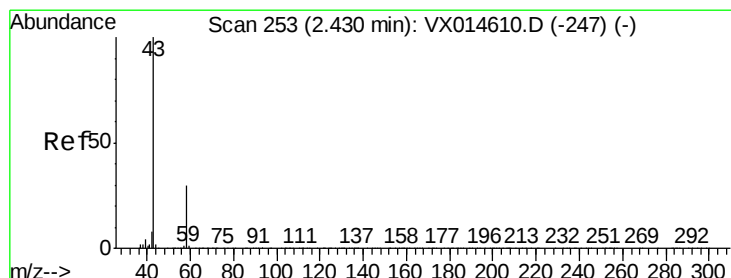
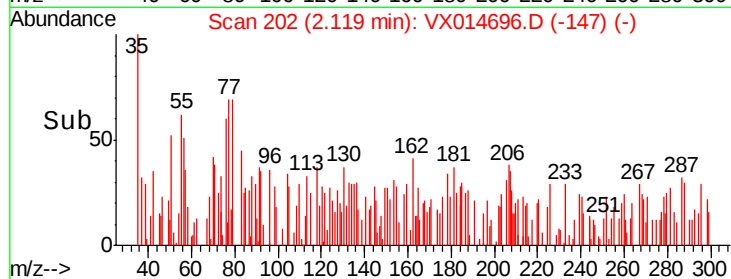
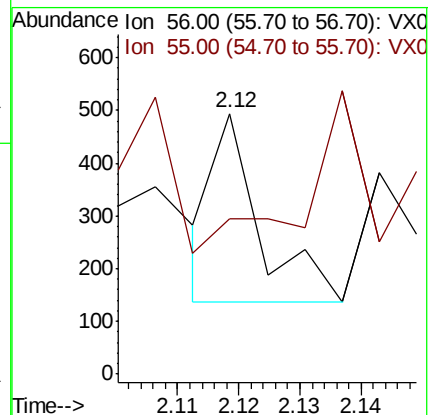
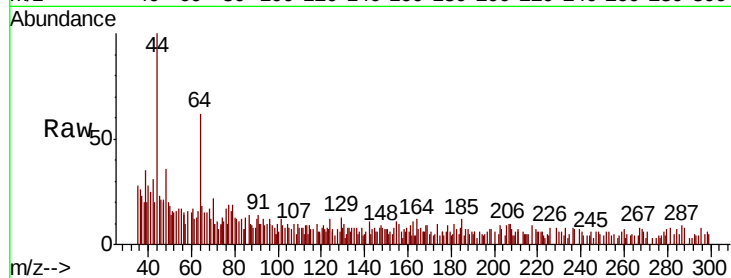
SH-BC

Tot Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

55 73.0 54.9 82.3



#15

Acetone

Concen: 3.099 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014696.D

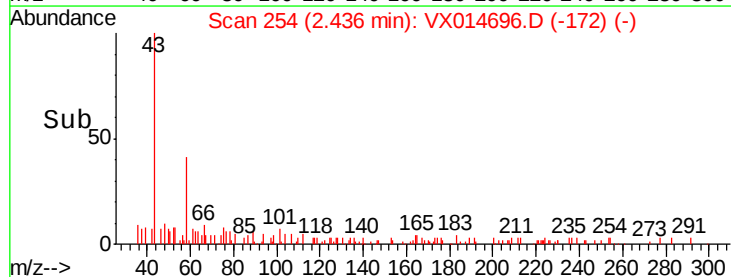
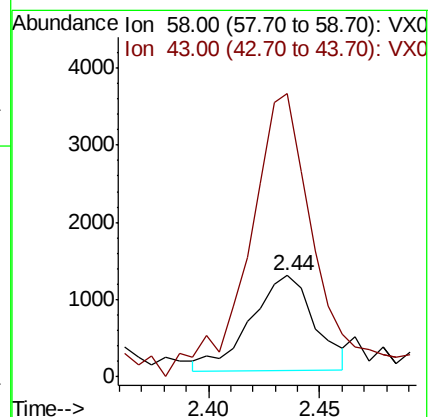
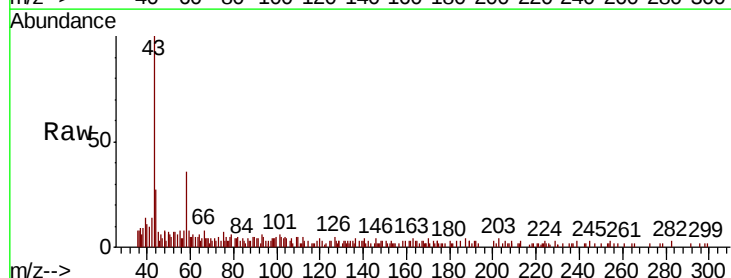
Acq: 24 Jan 2020 14:44

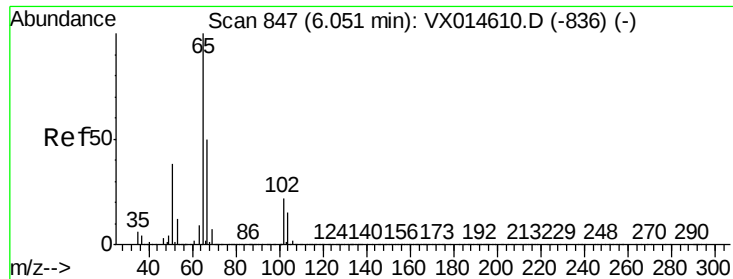
Tgt Ion: 58 Resp: 2467

Ion Ratio Lower Upper

58 100

43 306.7 236.3 354.5

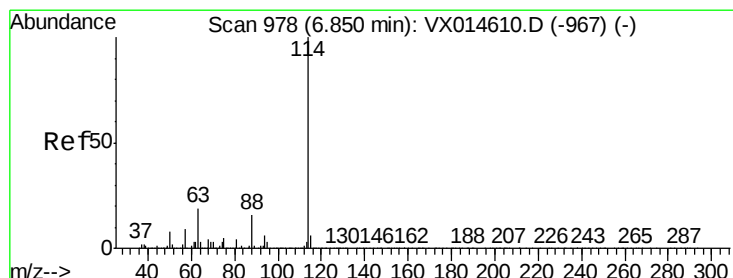
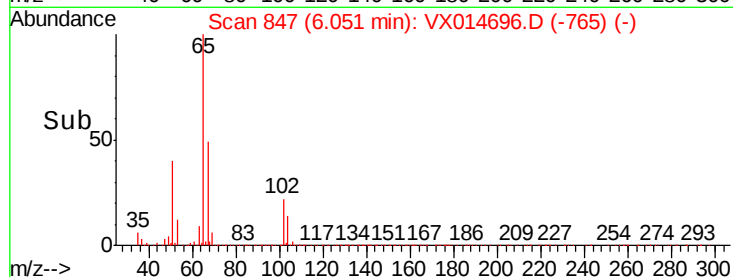
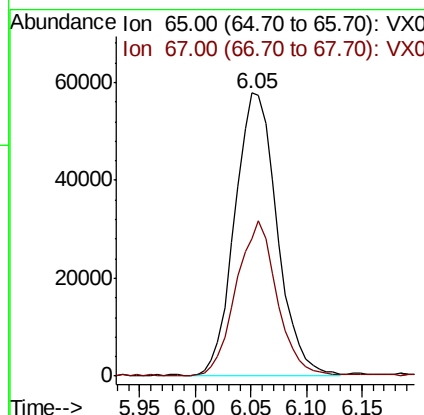
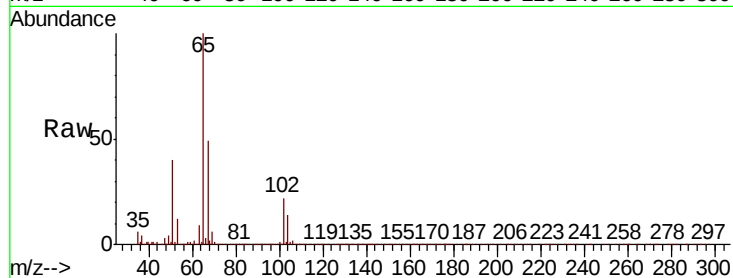




#27
 1,2-Dichloroethane-d4
 Concen: 31.159 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014696.D
 Acq: 24 Jan 2020 14:44

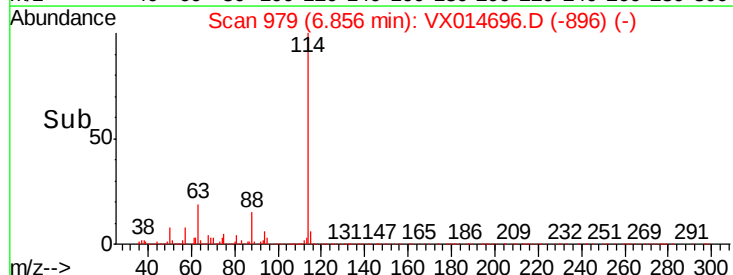
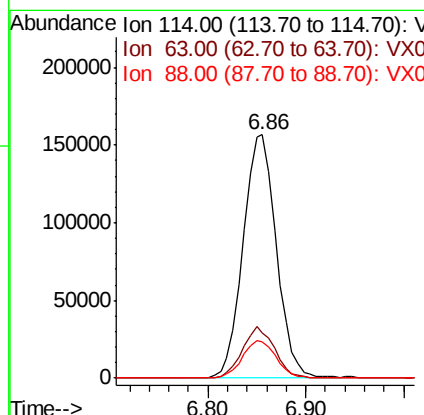
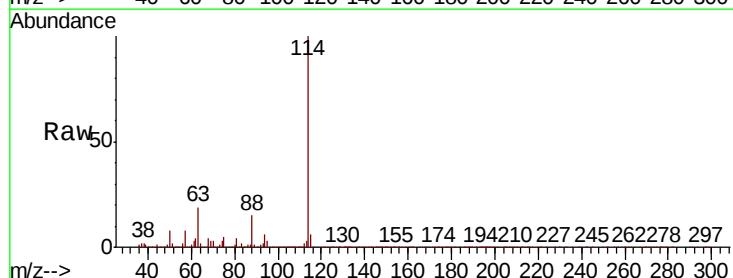
Instrument :
 MSVOA_X
 ClientSampleId :
 SH-BC

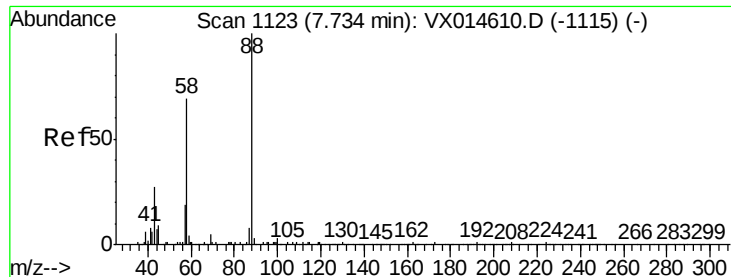
Tot Ion: 65 Resp: 151999
 Ion Ratio Lower Upper
 65 100
 67 52.6 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: VX014696.D
 Acq: 24 Jan 2020 14:44

Tgt Ion: 114 Resp: 368688
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.1 24.1
 88 15.8 12.5 18.7





#45

1,4-Dioxane

Concen: 1.189 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX014696.D

Acq: 24 Jan 2020 14:44

Instrument :

MSVOA_X

ClientSampleId :

SH-BC

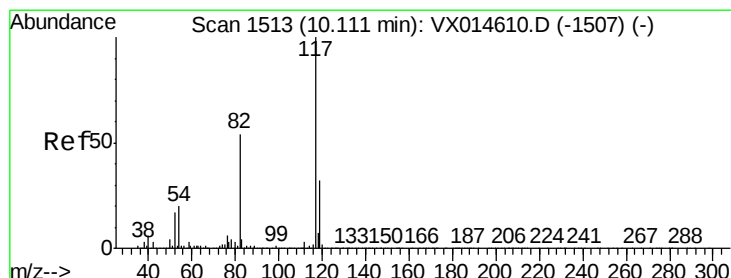
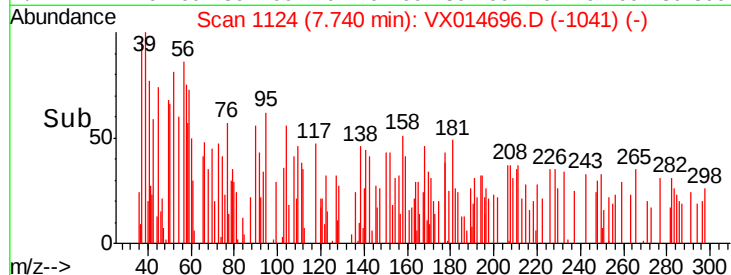
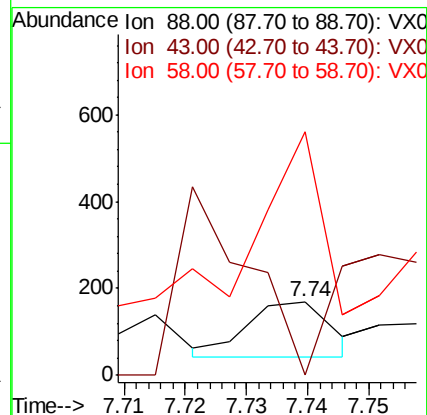
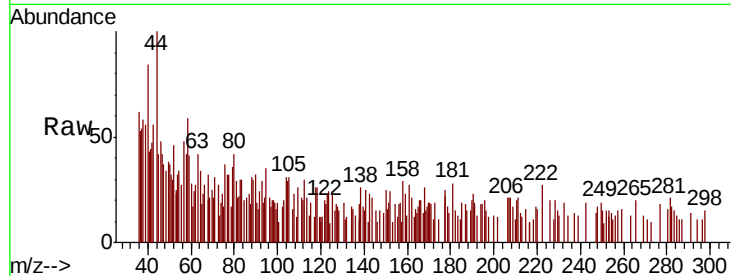
Tot Ion: 88 Resp: 119

Ion Ratio Lower Upper

88 100

43 0.0 25.4 38.2#

58 204.2 56.5 84.7#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014696.D

Acq: 24 Jan 2020 14:44

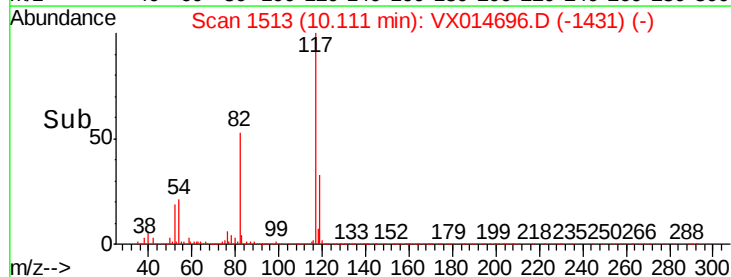
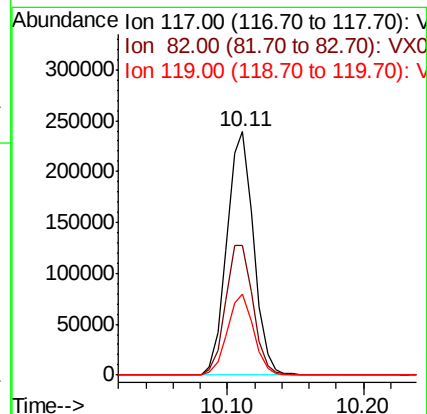
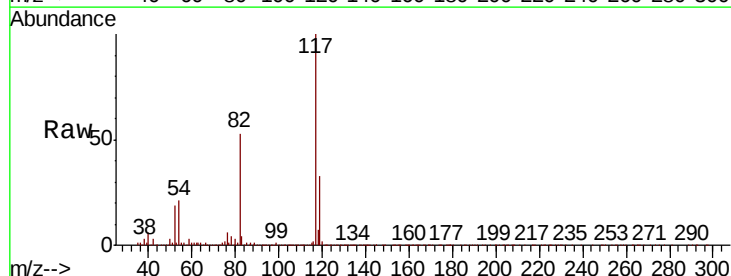
Tgt Ion: 117 Resp: 326155

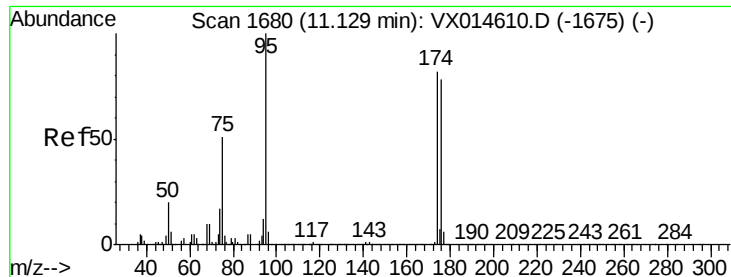
Ion Ratio Lower Upper

117 100

82 54.5 43.8 65.6

119 32.5 25.8 38.6

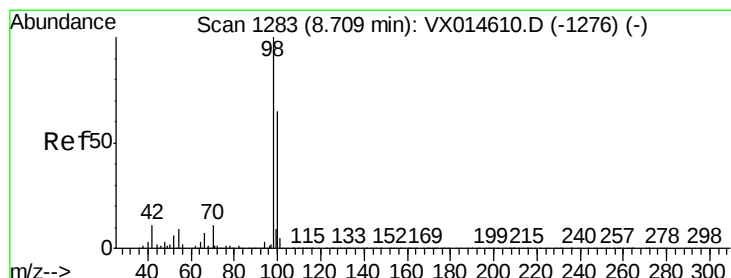
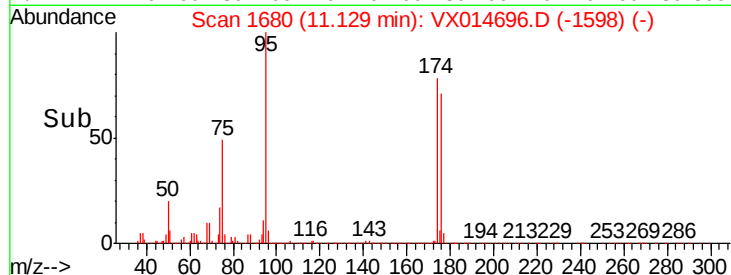
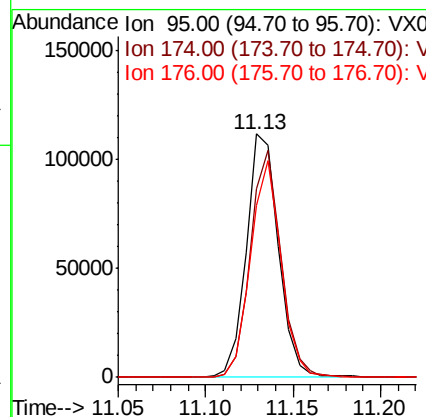
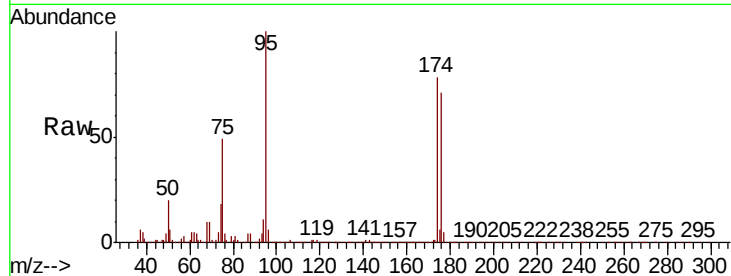




#60
4-Bromofluorobenzene
Concen: 27.212 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014696.D
Acq: 24 Jan 2020 14:44

Instrument :
MSVOA_X
ClientSampleId :
SH-BC

Tot Ion	Ratio	Lower	Upper
95	100		
174	89.4	70.2	105.2
176	84.9	68.3	102.5



#63
Toluene-d8
Concen: 29.890 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014696.D
Acq: 24 Jan 2020 14:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2

