

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015052.D
 Acq On : 28 Feb 2020 10:19
 Operator : JC/SP
 Sample : VX0228WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 23:24:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	70478	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	369303	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	330579	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	145345	29.66	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.87%
60) 4-Bromofluorobenzene	11.14	95	138245	26.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.50%
63) Toluene-d8	8.71	98	434523	30.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.47%

Target Compounds

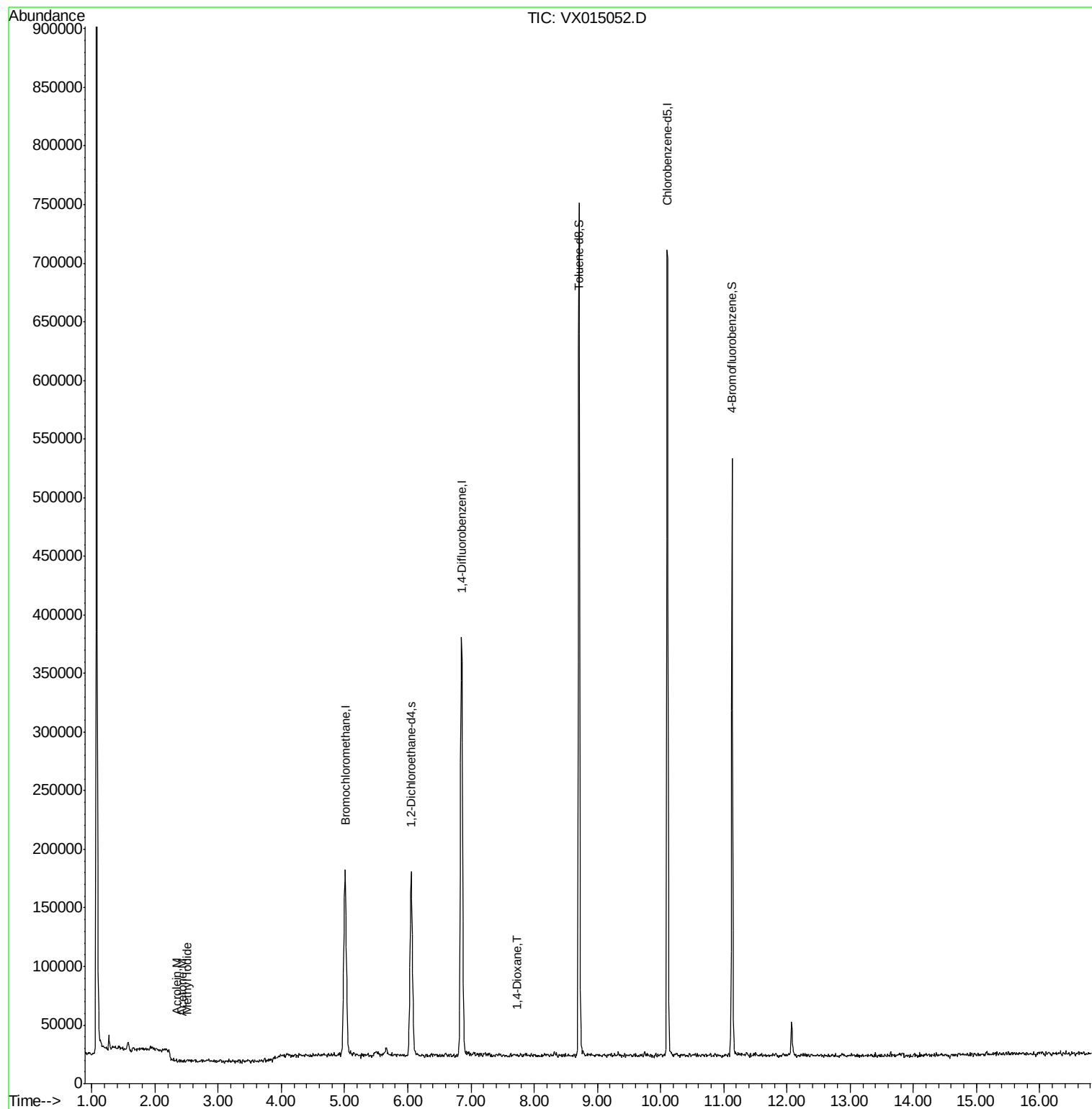
					Ovalue
11) Methyl Iodide	2.51	142	999	0.222 ug/l	96
13) Acrolein	2.34	56	469	0.512 ug/l	96
15) Acetone	2.43	58	264	0.354 ug/l #	1
45) 1,4-Dioxane	7.74	88	95	1.121 ug/l #	1

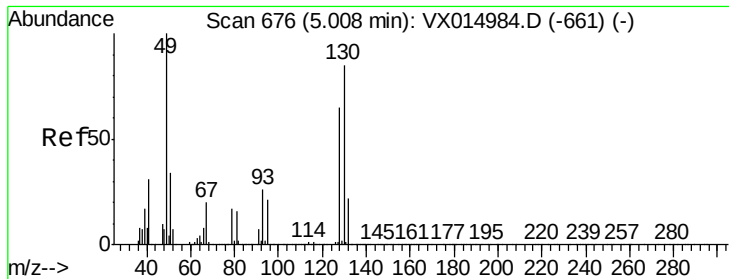
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022820\
Data File : VX015052.D
Acq On : 28 Feb 2020 10:19
Operator : JC/SP
Sample : VX0228WBL02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 28 23:24:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX015052.D

Acq: 28 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampled :

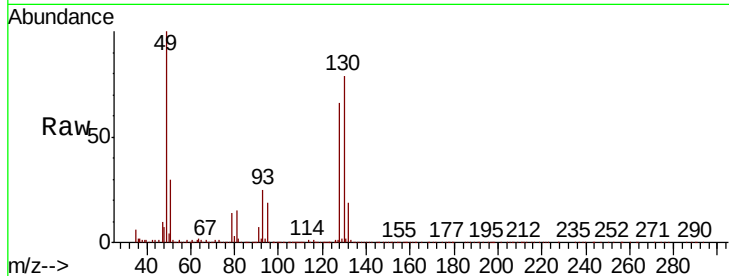
Tot Ion:128 Resp: 70478

Ion Ratio Lower Upper

128 100

49 157.7 0.0 384.7

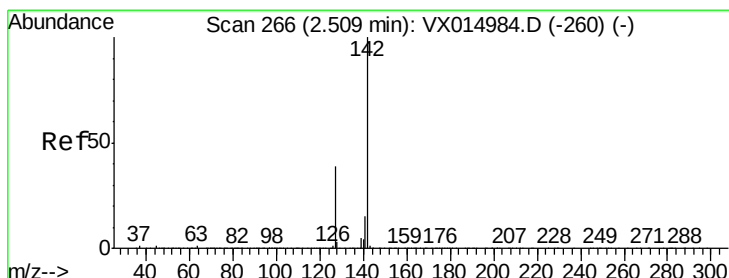
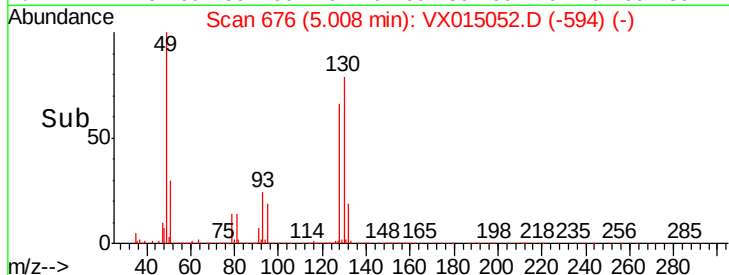
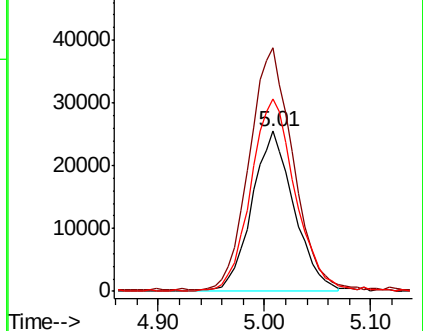
130 127.4 0.0 330.8



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



#11

Methyl Iodide

Concen: 0.222 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX015052.D

Acq: 28 Feb 2020 10:19

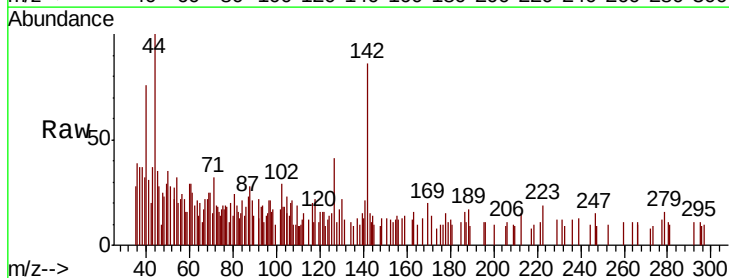
Tgt Ion:142 Resp: 999

Ion Ratio Lower Upper

142 100

127 37.4 19.7 59.0

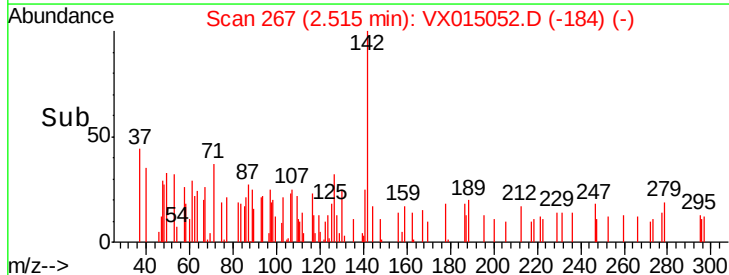
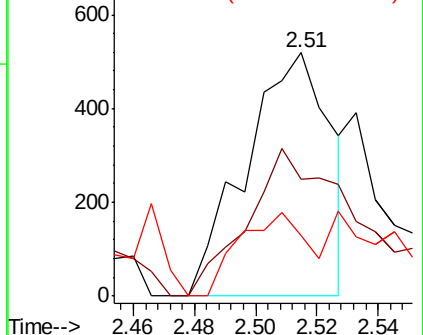
141 11.5 7.4 22.2

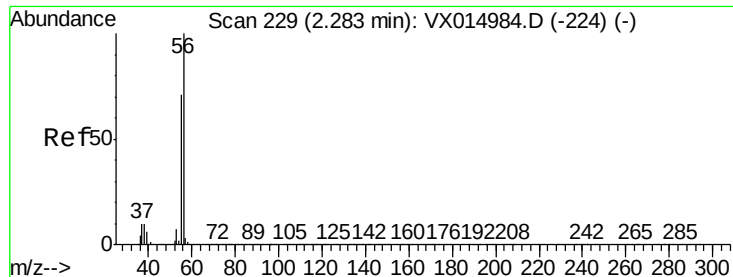


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#13

Acrolein

Concen: 0.512 ug/l

RT: 2.34 min Scan# 238

Delta R.T. 0.05 min

Lab File: VX015052.D

Acq: 28 Feb 2020 10:19

Instrument :

MSVOA_X

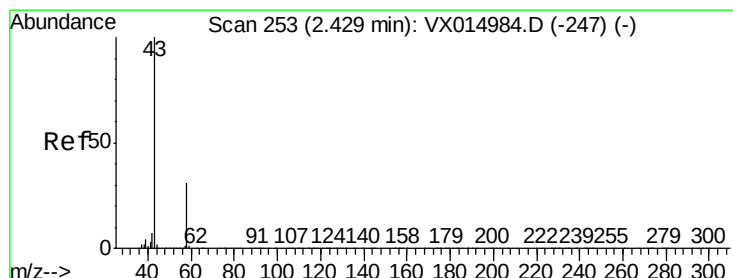
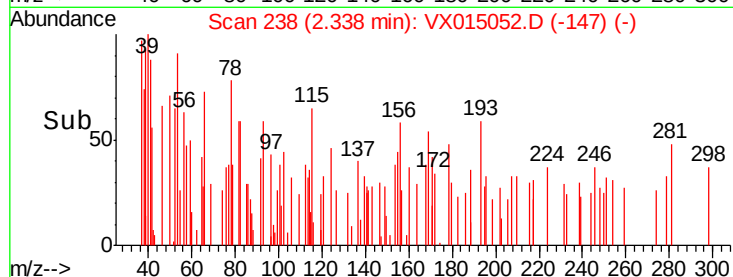
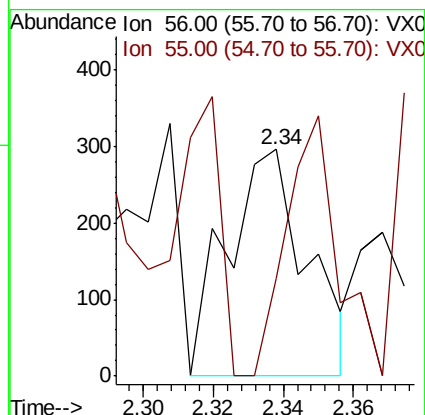
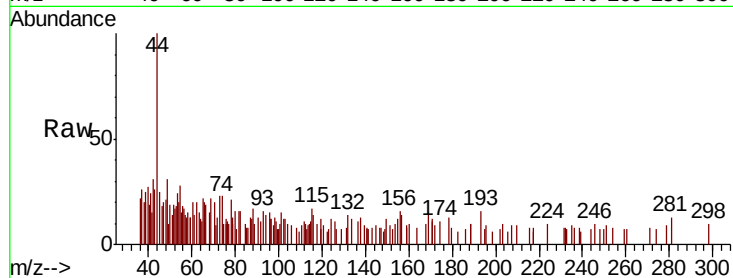
ClientSampled :

Tot Ion: 56 Resp: 469

Ion Ratio Lower Upper

56 100

55 73.8 56.2 84.2



#15

Acetone

Concen: 0.354 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015052.D

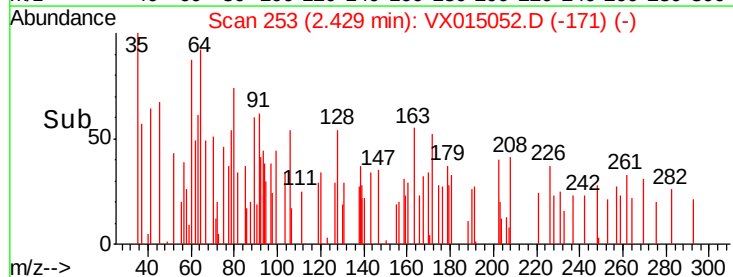
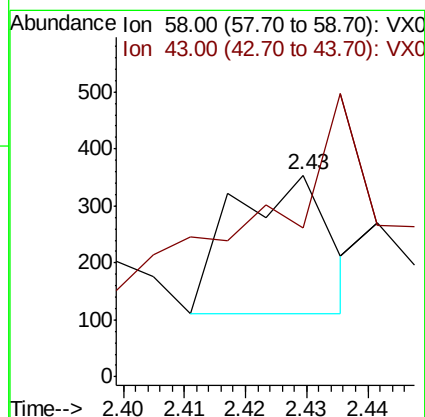
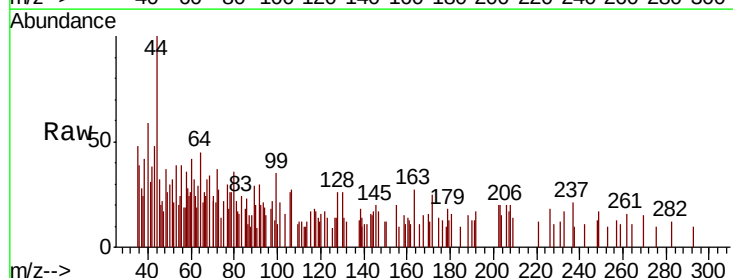
Acq: 28 Feb 2020 10:19

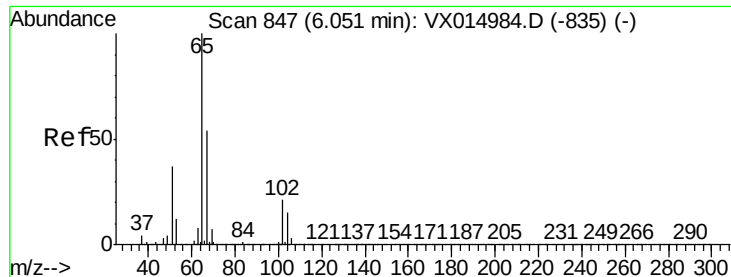
Tgt Ion: 58 Resp: 264

Ion Ratio Lower Upper

58 100

43 6.2 257.7 386.5#

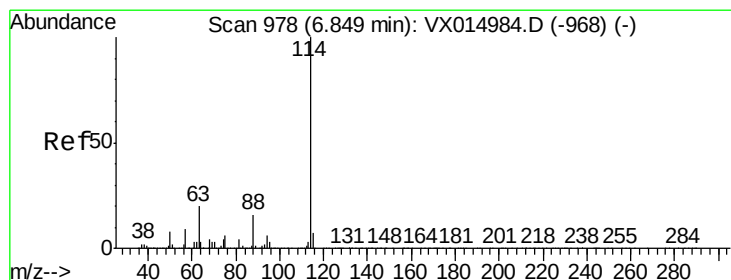
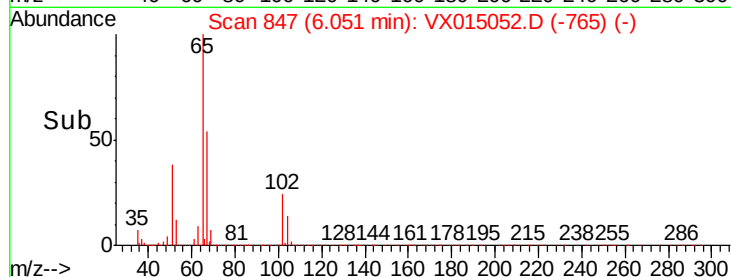
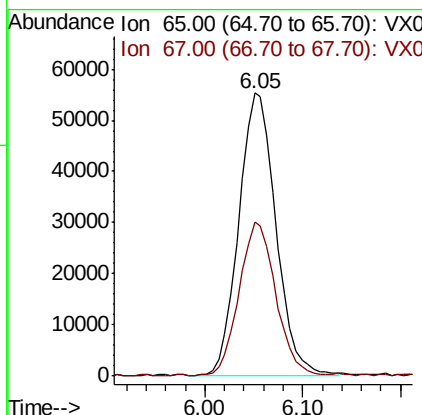
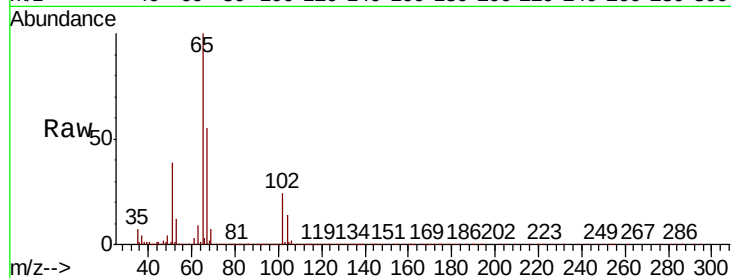




#27
 1,2-Dichloroethane-d4
 Concen: 29.658 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015052.D
 Acq: 28 Feb 2020 10:19

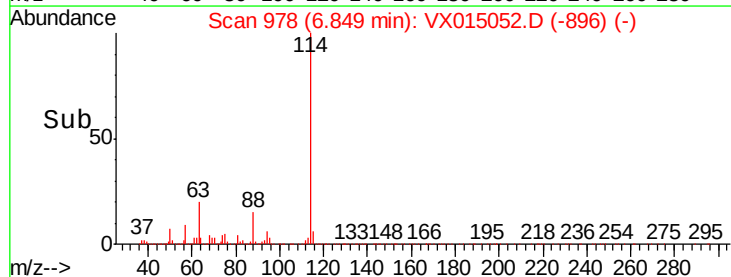
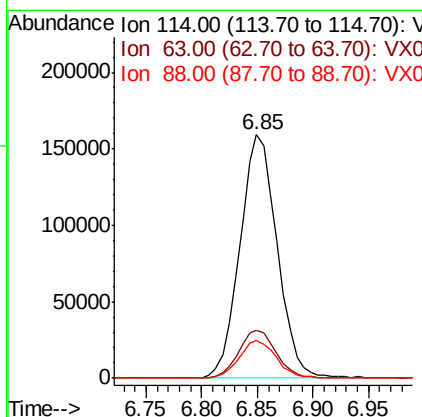
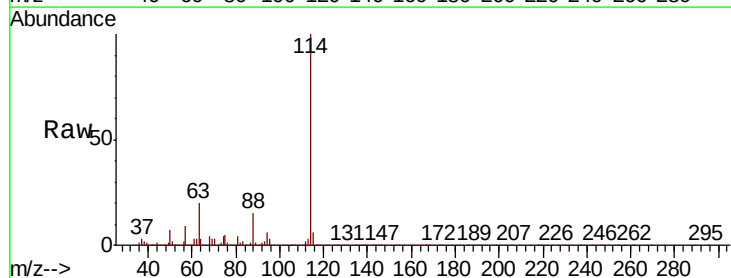
Instrument :
 MSVOA_X
 ClientSampleId :

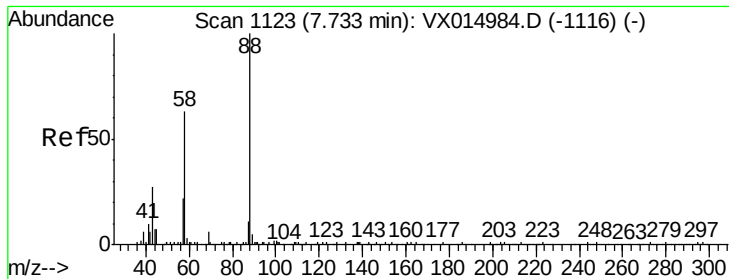
Tot Ion: 65 Resp: 145345
 Ion Ratio Lower Upper
 65 100
 67 53.6 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015052.D
 Acq: 28 Feb 2020 10:19

Tgt Ion: 114 Resp: 369303
 Ion Ratio Lower Upper
 114 100
 63 20.0 15.6 23.4
 88 15.6 12.2 18.2





#45

1,4-Dioxane

Concen: 1.121 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX015052.D

Acq: 28 Feb 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

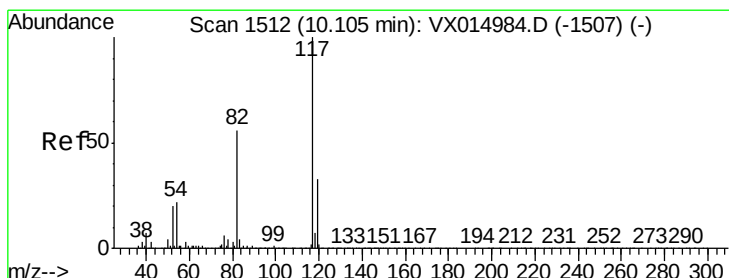
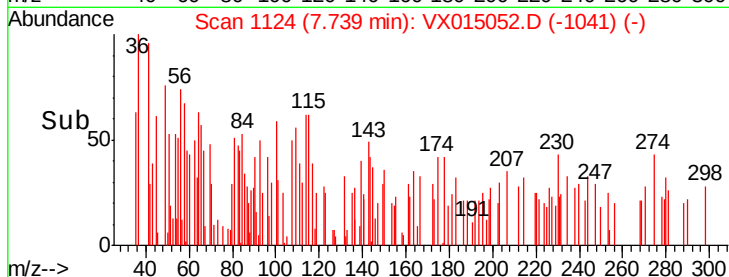
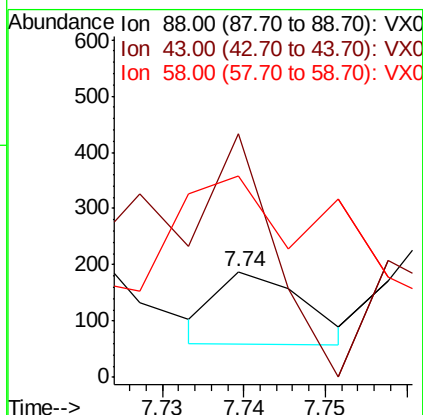
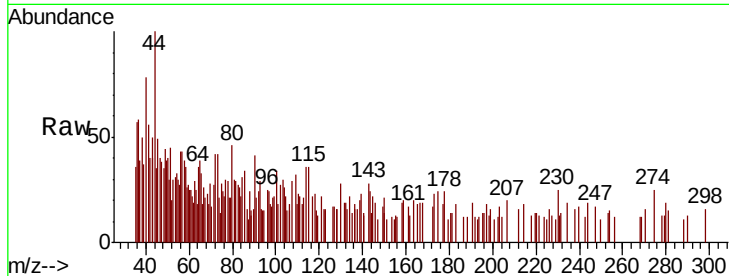
Tot Ion: 88 Resp: 95

Ion Ratio Lower Upper

88 100

43 227.4 25.4 38.2#

58 325.3 55.8 83.8#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.01 min

Lab File: VX015052.D

Acq: 28 Feb 2020 10:19

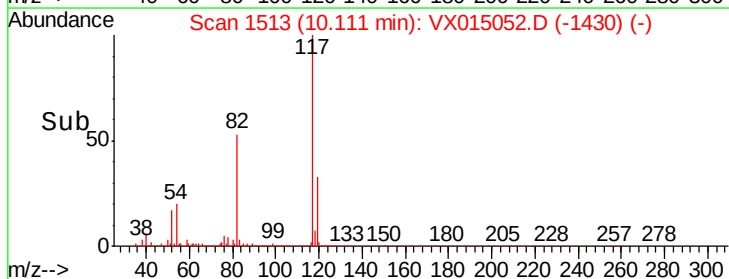
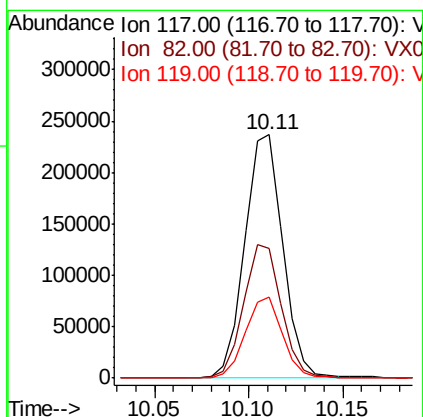
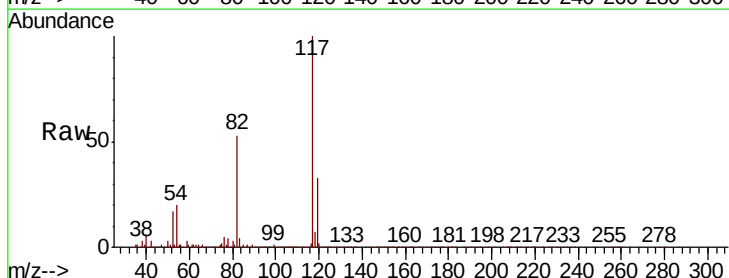
Tgt Ion: 117 Resp: 330579

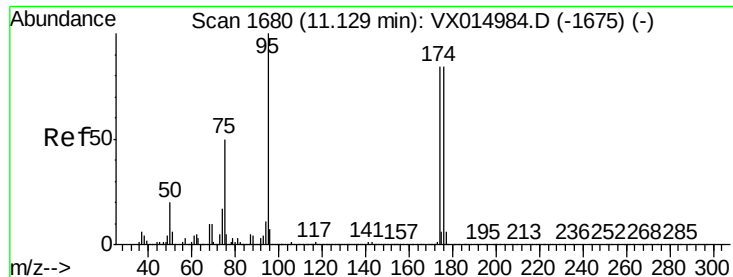
Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.2

119 32.6 26.0 39.0

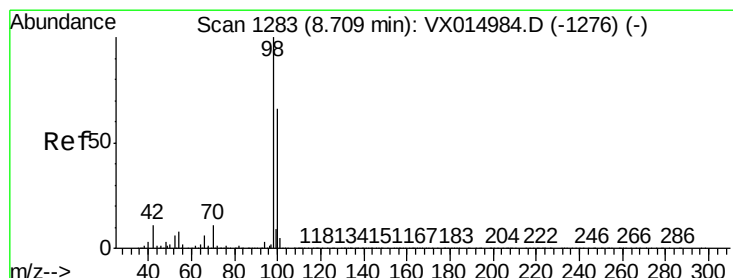
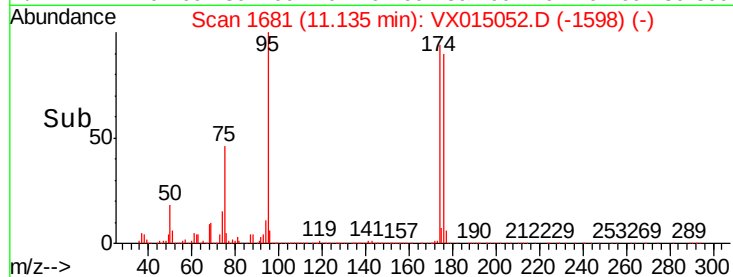
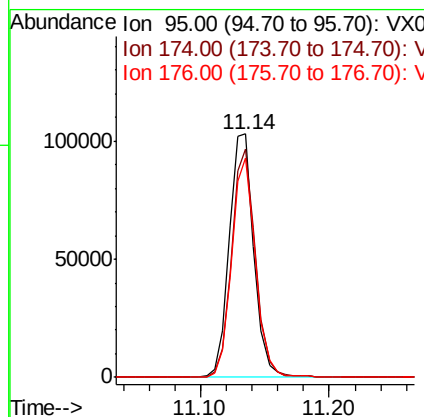
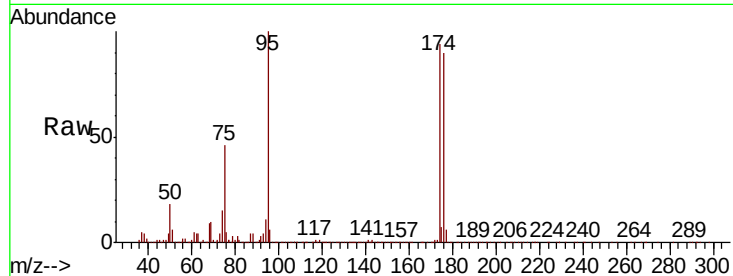




#60
4-Bromofluorobenzene
Concen: 26.850 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015052.D
Acq: 28 Feb 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	95	Resp	138245
Ion Ratio	Lower	Upper	
95	100		
174	91.3	72.3	108.5
176	87.4	72.0	108.0



#63
Toluene-d8
Concen: 30.142 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015052.D
Acq: 28 Feb 2020 10:19

Tgt Ion	98	Resp	434523
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.8	79.2

