

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015057.D
 Acq On : 28 Feb 2020 12:34
 Operator : JC/SP
 Sample : L1691-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

Quant Time: Mar 02 11:08:14 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	68229	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	358095	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	329223	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	142225	29.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.93%
60) 4-Bromofluorobenzene	11.13	95	149174	29.09	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.97%
63) Toluene-d8	8.71	98	428662	29.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.53%

Target Compounds

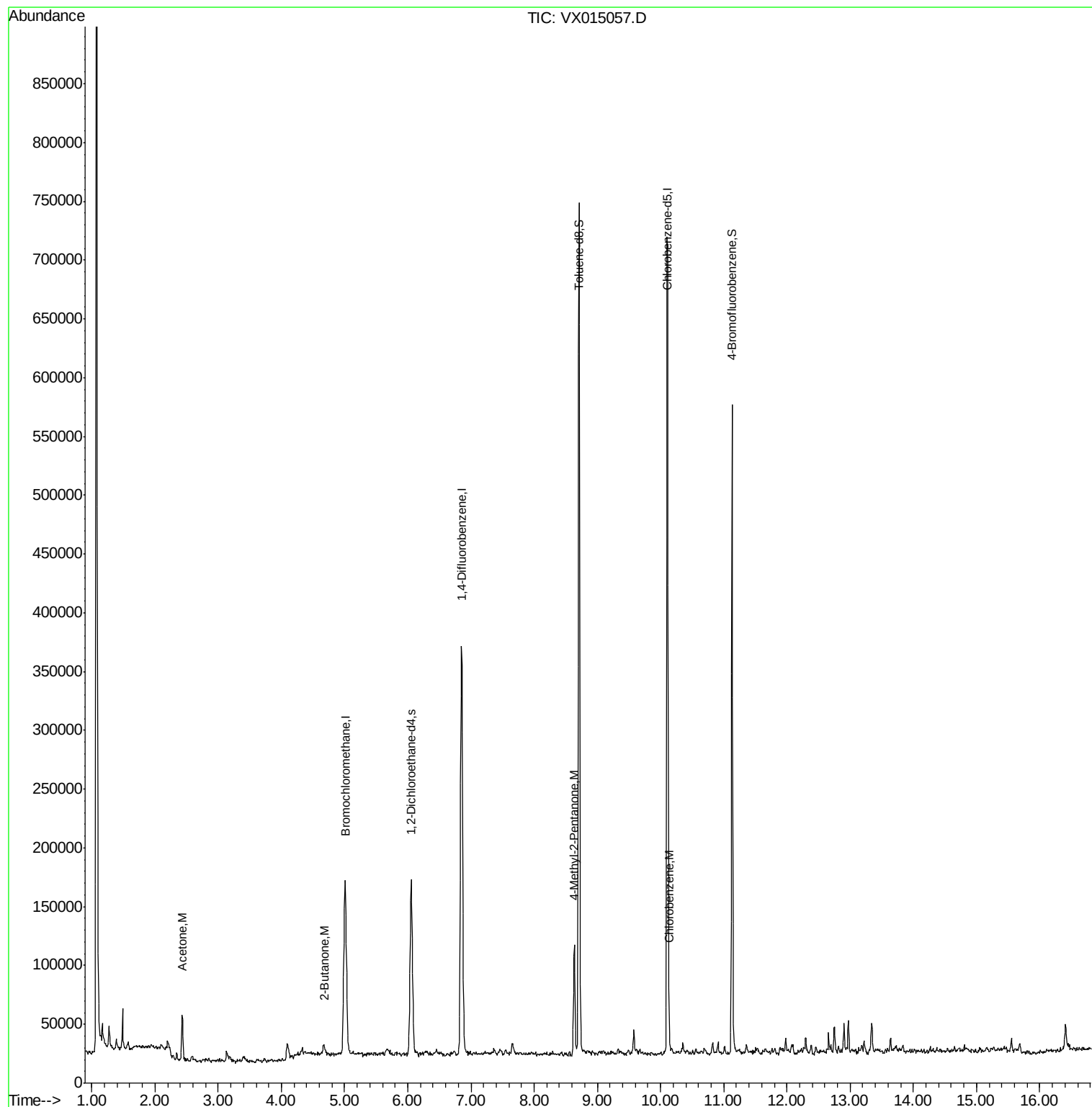
					Ovalue
15) Acetone	2.43	58	13724	19.026	ug/l 95
30) 2-Butanone	4.67	43	13928	4.764	ug/l # 92
58) 4-Methyl-2-Pentanone	8.64	43	55637	10.312	ug/l 98
64) Chlorobenzene	10.14	112	9142	0.849	ug/l 96

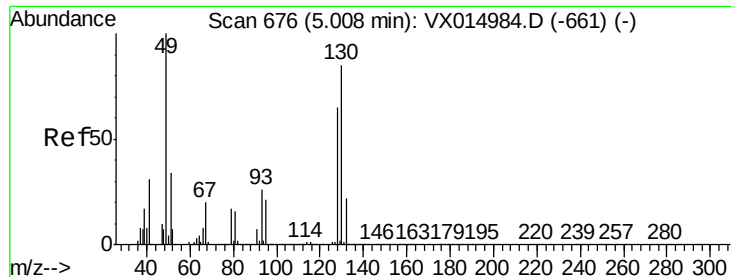
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022820\
Data File : VX015057.D
Acq On : 28 Feb 2020 12:34
Operator : JC/SP
Sample : L1691-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OF-2

Quant Time: Mar 02 11:08:14 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: VX015057.D

Acq: 28 Feb 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

OF-2

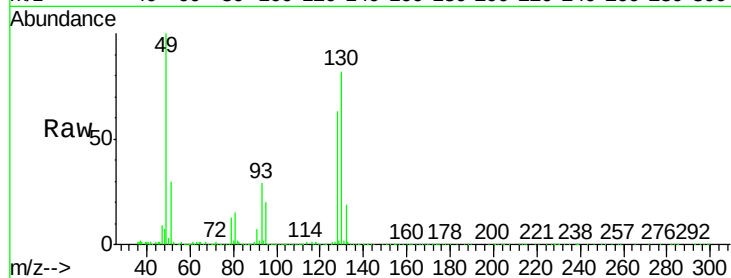
Tot Ion:128 Resp: 68229

Ion Ratio Lower Upper

128 100

49 162.4 0.0 384.7

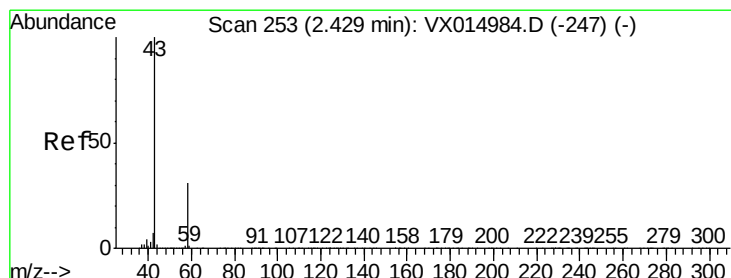
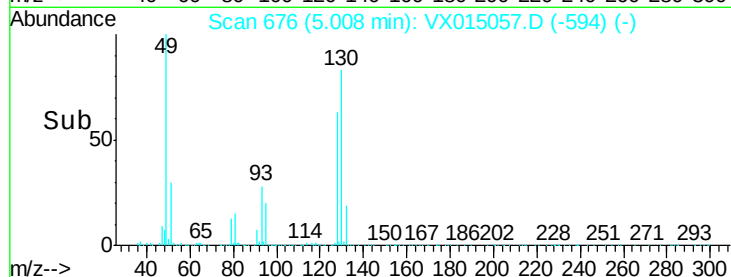
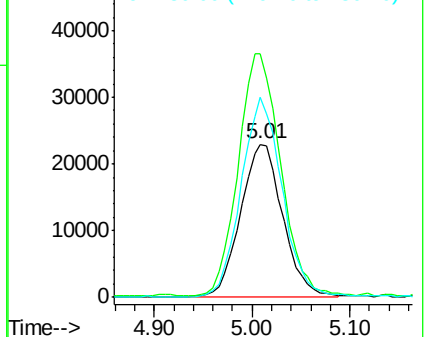
130 127.4 0.0 330.8



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



#15

Acetone

Concen: 19.026 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015057.D

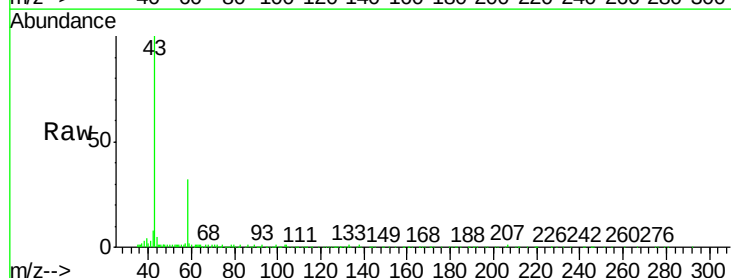
Acq: 28 Feb 2020 12:34

Tgt Ion: 58 Resp: 13724

Ion Ratio Lower Upper

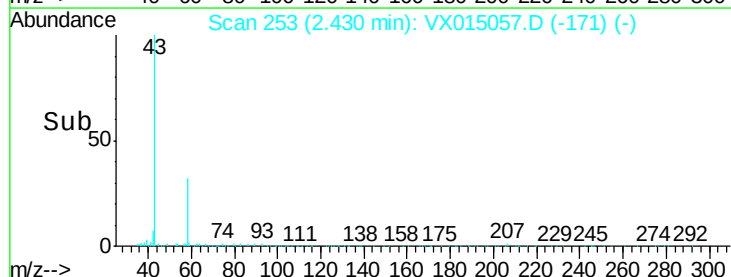
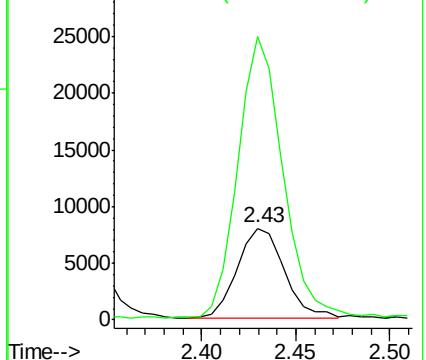
58 100

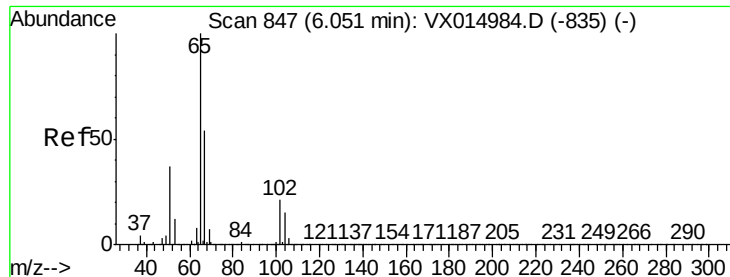
43 312.5 257.7 386.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

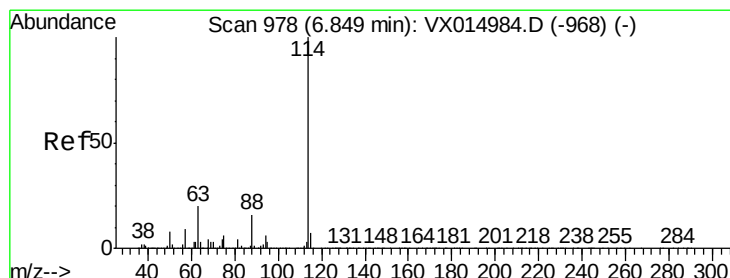
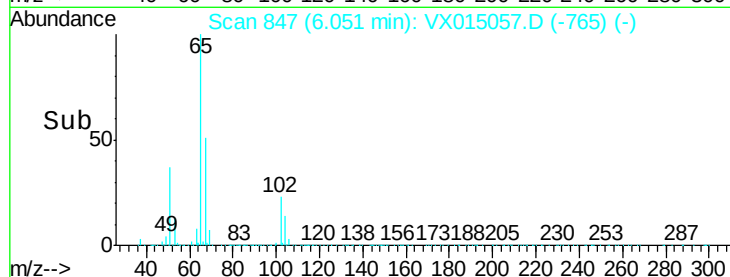
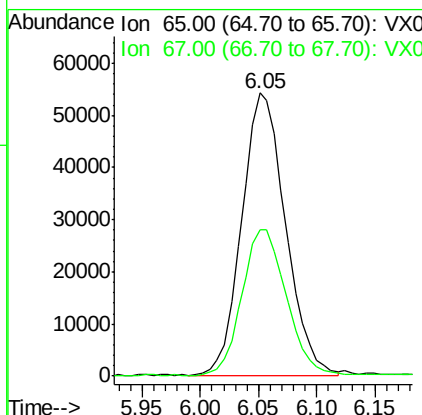
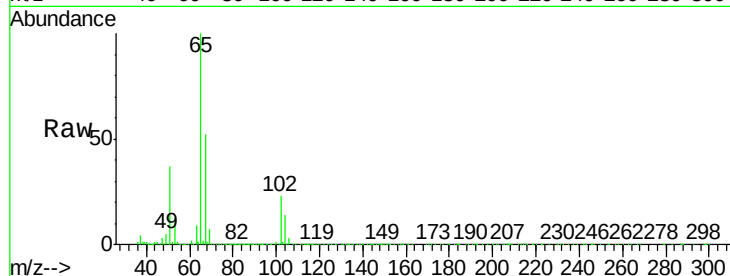




#27
 1,2-Dichloroethane-d4
 Concen: 29.978 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015057.D
 Acq: 28 Feb 2020 12:34

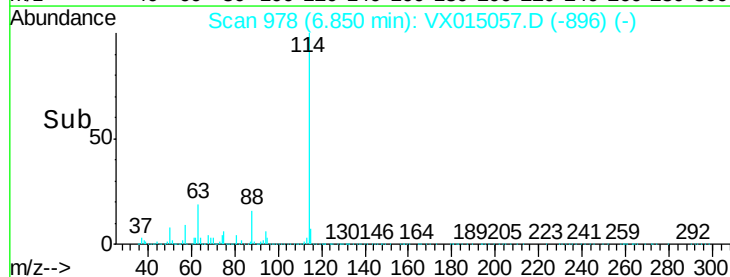
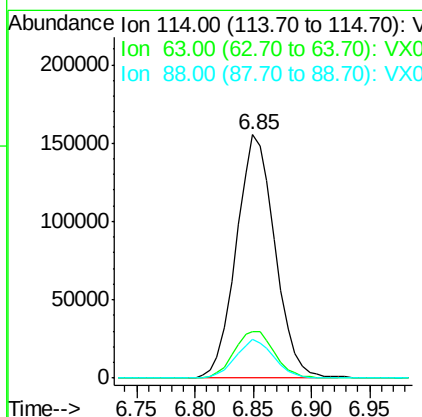
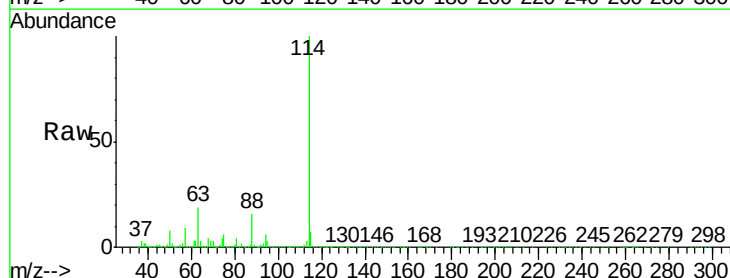
Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

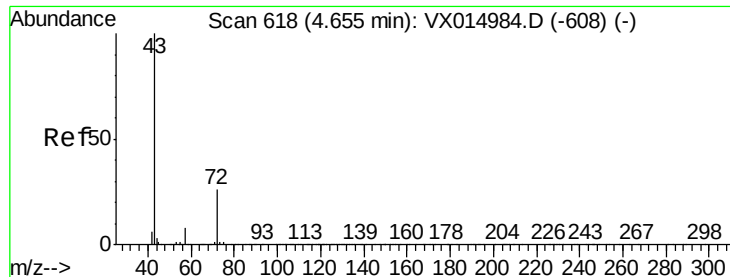
Tot Ion: 65 Resp: 142225
 Ion Ratio Lower Upper
 65 100
 67 52.7 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015057.D
 Acq: 28 Feb 2020 12:34

Tgt Ion: 114 Resp: 358095
 Ion Ratio Lower Upper
 114 100
 63 20.2 15.6 23.4
 88 15.7 12.2 18.2

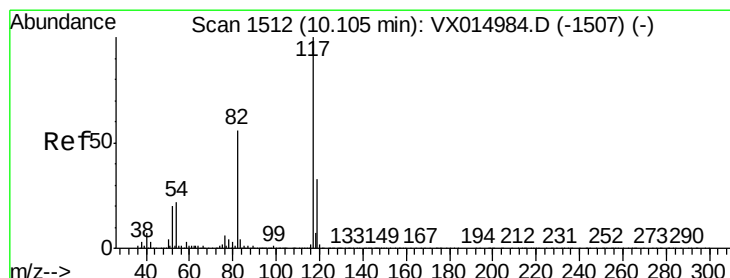
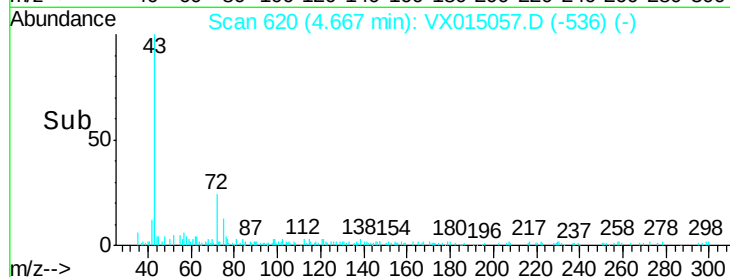
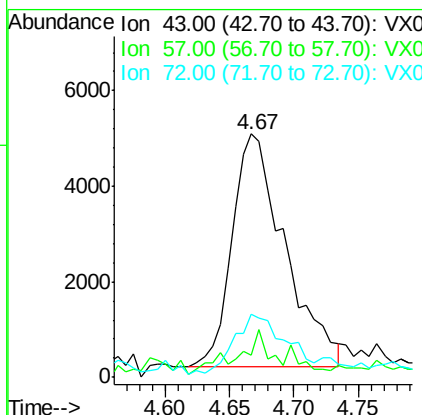
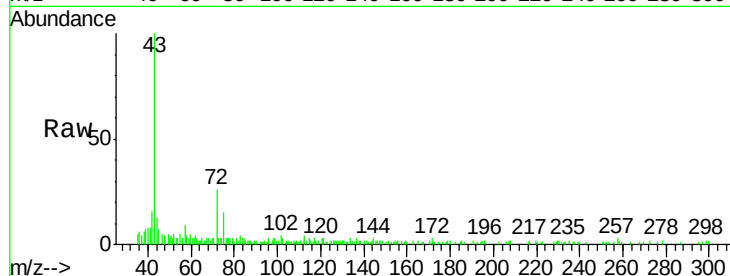




#30
2-Butanone
Concen: 4.764 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX015057.D
Acq: 28 Feb 2020 12:34

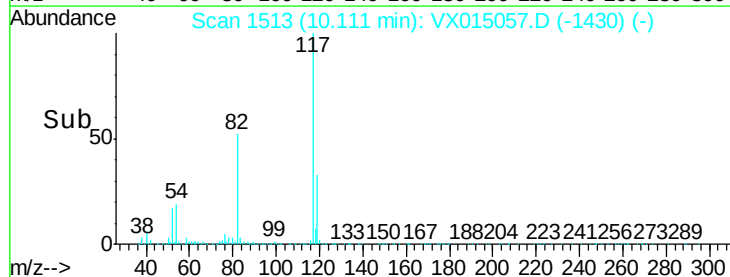
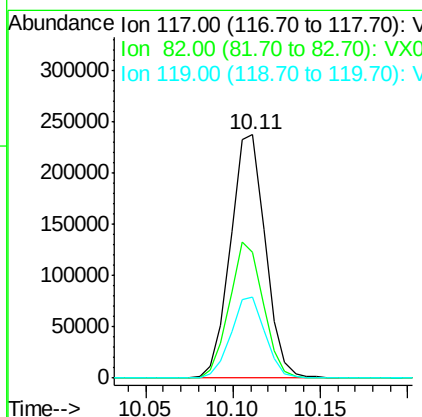
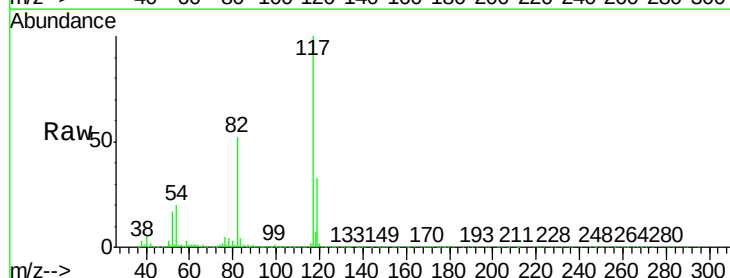
Instrument :
MSVOA_X
ClientSampleId :
OF-2

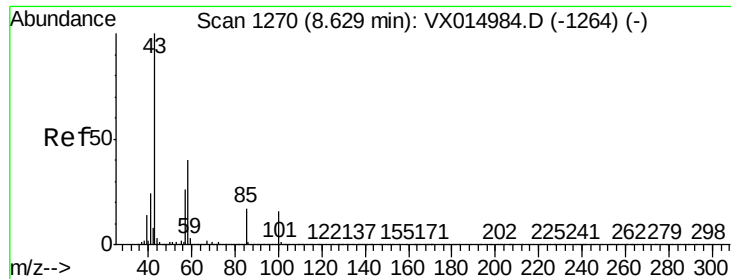
Tot Ion: 43 Resp: 13928
Ion Ratio Lower Upper
43 100
57 4.0 6.5 9.7#
72 21.8 20.3 30.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VX015057.D
Acq: 28 Feb 2020 12:34

Tgt Ion: 117 Resp: 329223
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 32.4 26.0 39.0

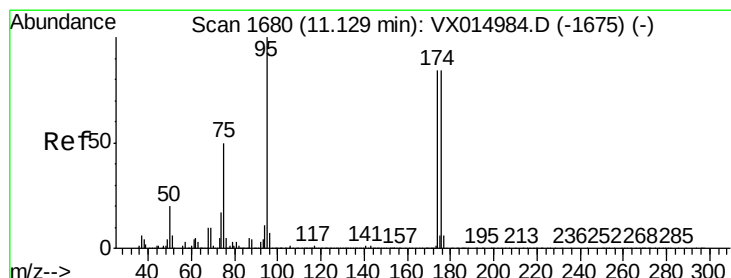
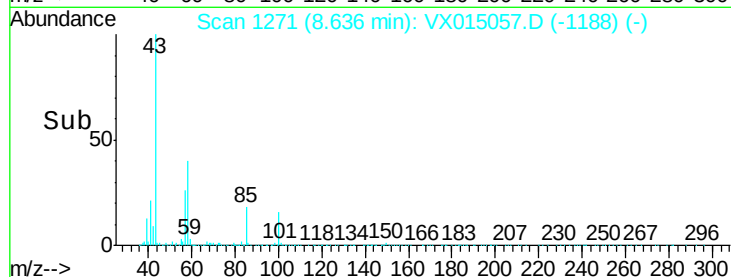
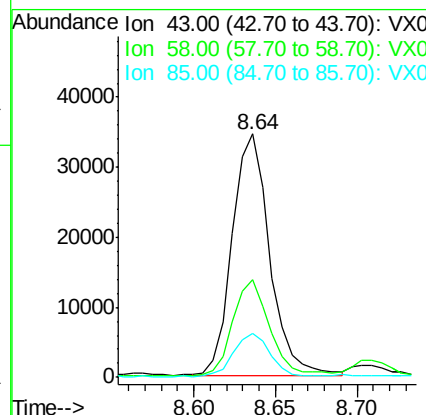
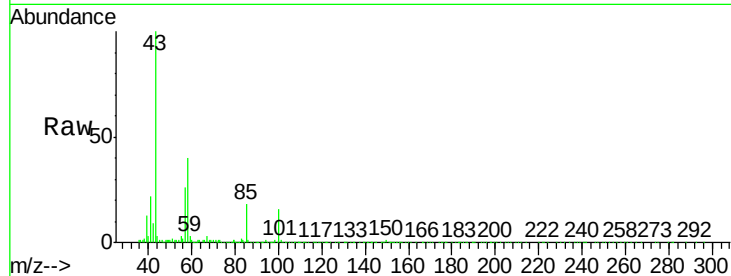




#58
 4-Methyl-2-Pentanone
 Concen: 10.312 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VX015057.D
 Acq: 28 Feb 2020 12:34

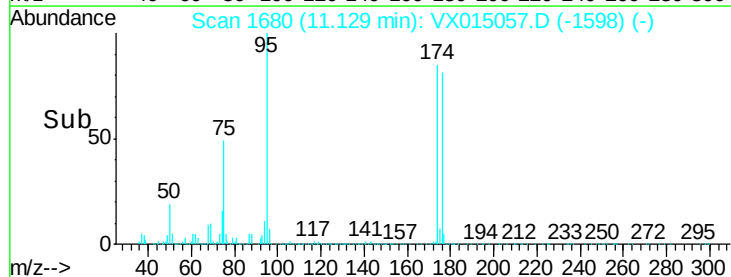
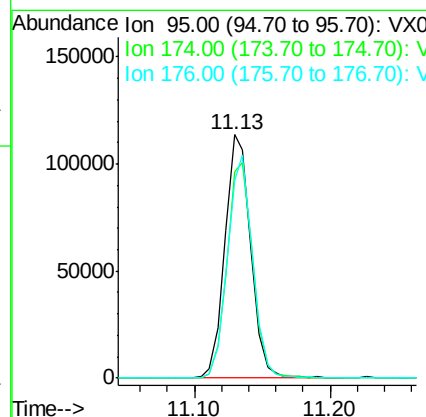
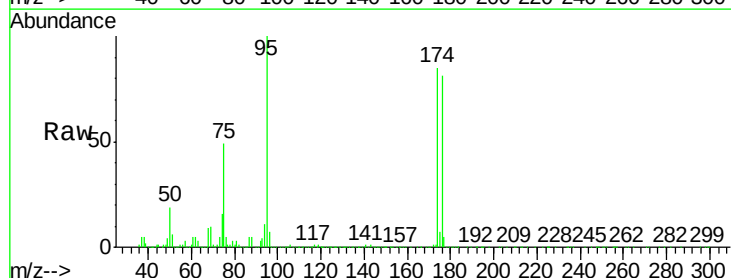
Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

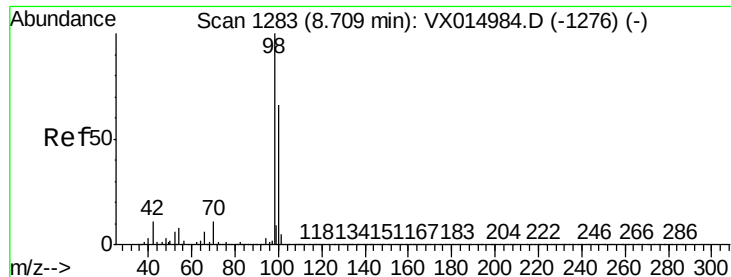
Tot Ion	43	Resp	55637
Ion Ratio	Lower	Upper	
43	100		
58	38.4	31.7	47.5
85	17.2	14.4	21.6



#60
 4-Bromofluorobenzene
 Concen: 29.092 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015057.D
 Acq: 28 Feb 2020 12:34

Tgt Ion	95	Resp	149174
Ion Ratio	Lower	Upper	
95	100		
174	88.0	72.3	108.5
176	88.5	72.0	108.0





#63

Toluene-d8

Concen: 29.858 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015057.D

Acq: 28 Feb 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

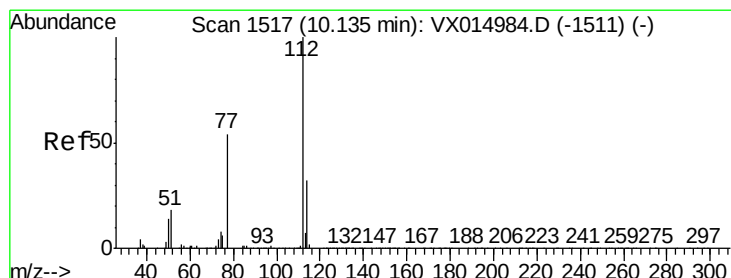
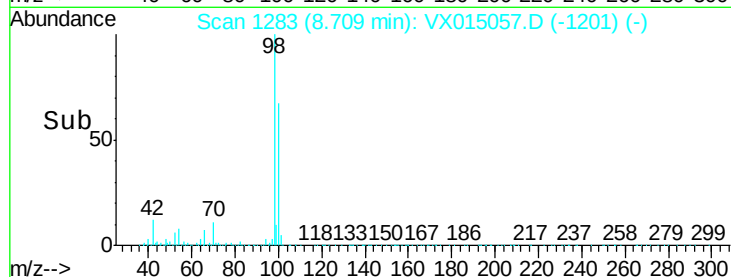
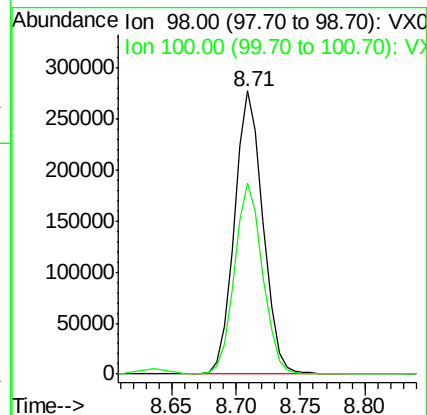
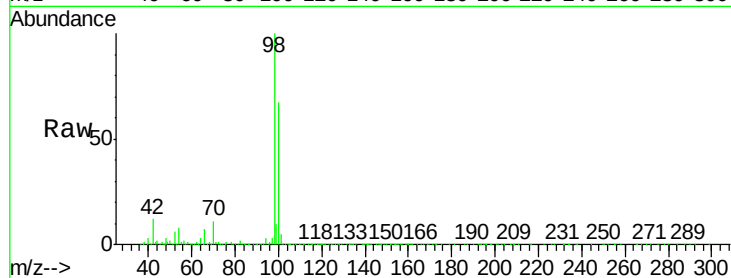
OF-2

Tot Ion: 98 Resp: 428662

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



#64

Chlorobenzene

Concen: 0.849 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015057.D

Acq: 28 Feb 2020 12:34

Tgt Ion: 112 Resp: 9142

Ion Ratio Lower Upper

112 100

114 29.7 25.8 38.6

