

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013780.D
 Acq On : 05 Dec 2019 17:14
 Operator : JC/SP
 Sample : K6178-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 391203052

Quant Time: Dec 06 03:31:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	106150	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	595402	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	515736	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	226832	28.94	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.47%
60) 4-Bromofluorobenzene	11.13	95	233576	28.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.93%
63) Toluene-d8	8.71	98	699886	30.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.03%

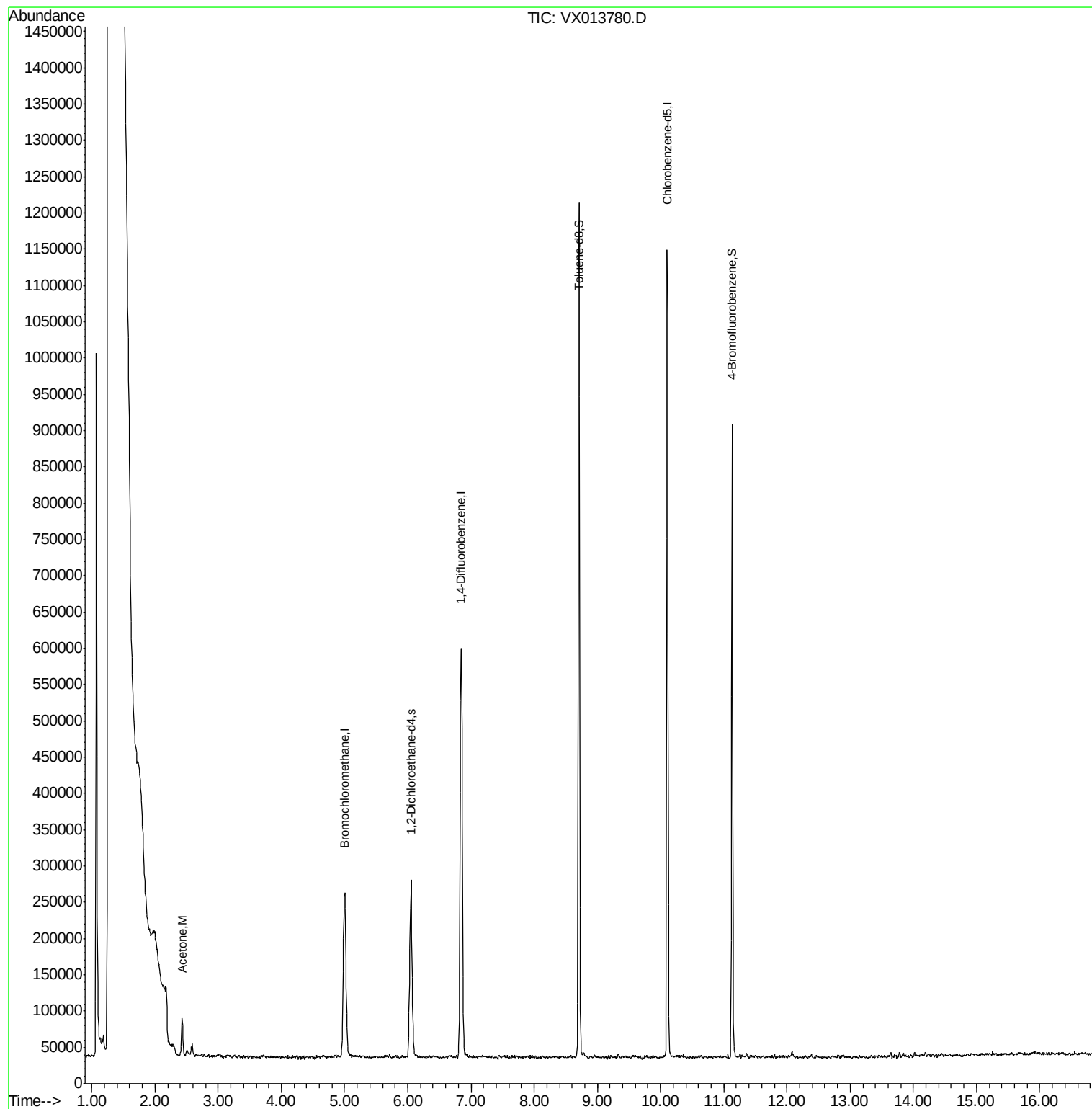
Target Compounds					Ovalue
15) Acetone	2.42	58	16599	12.974 ug/l	98

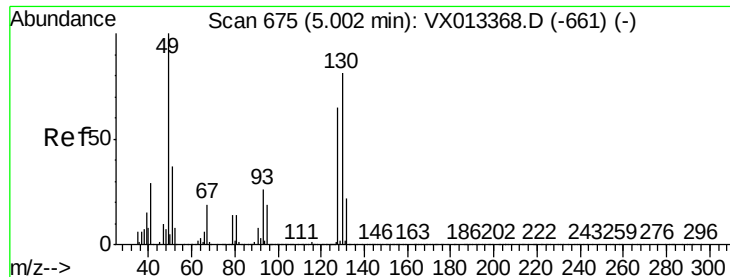
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX013780.D

Acq: 05 Dec 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

391203052

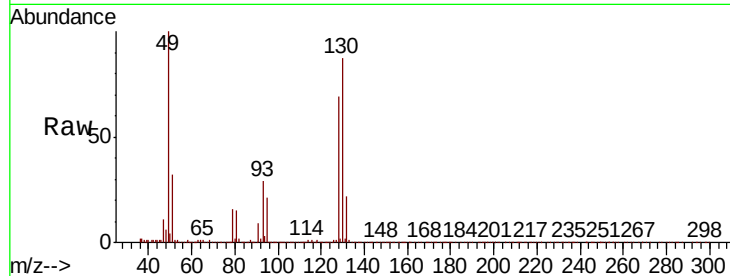
Tot Ion:128 Resp: 106150

Ion Ratio Lower Upper

128 100

49 150.7 0.0 388.3

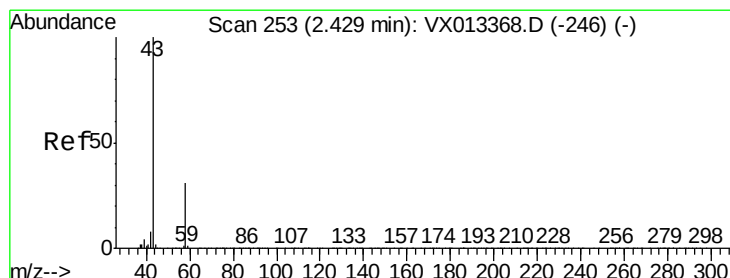
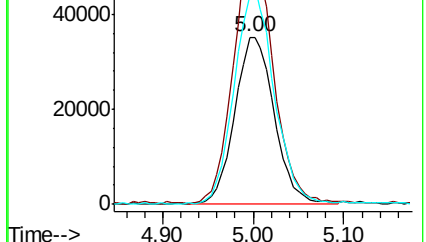
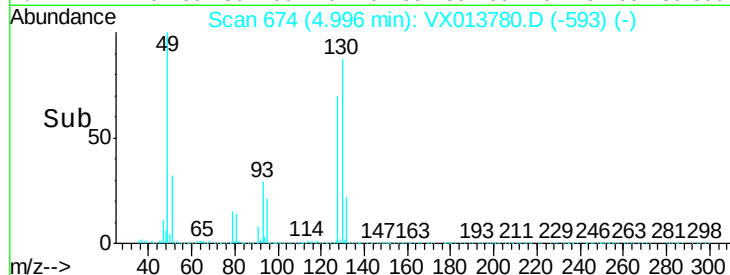
130 129.3 0.0 318.5



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



#15

Acetone

Concen: 12.974 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX013780.D

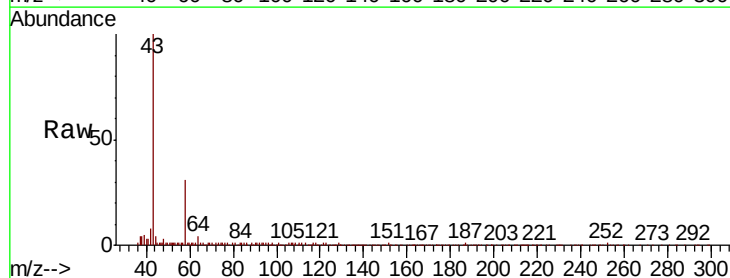
Acq: 05 Dec 2019 17:14

Tgt Ion: 58 Resp: 16599

Ion Ratio Lower Upper

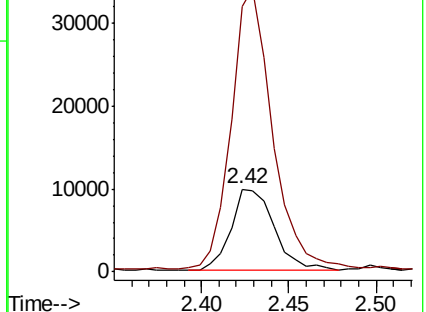
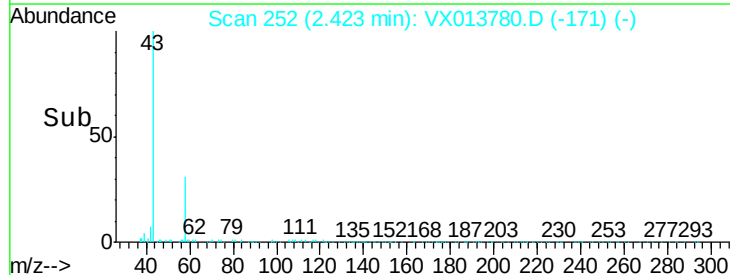
58 100

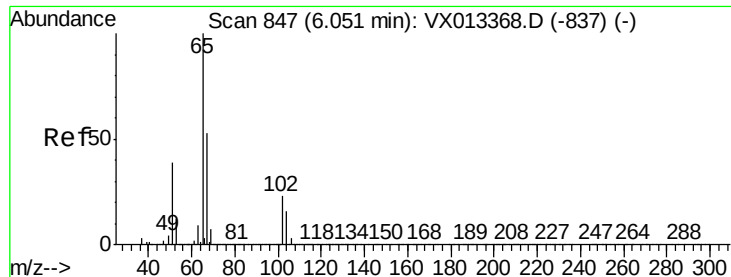
43 323.5 261.4 392.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

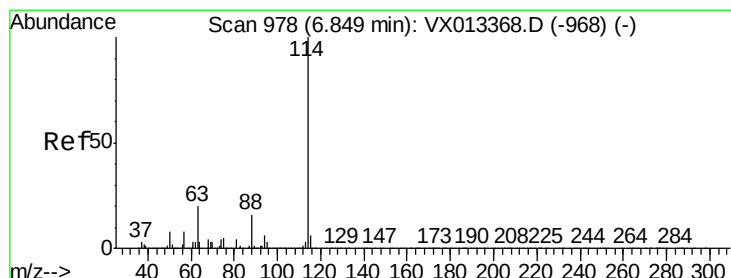
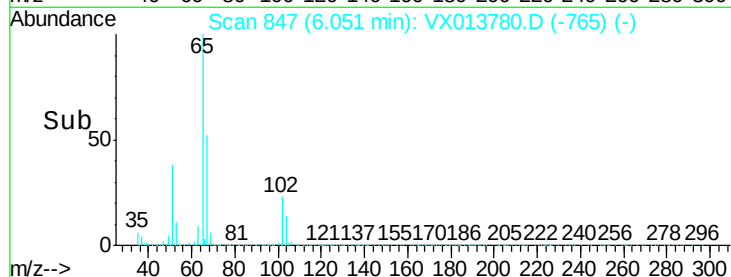
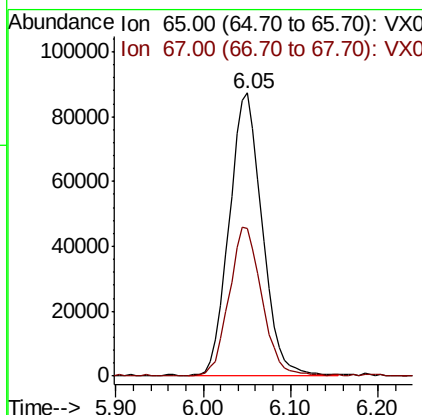
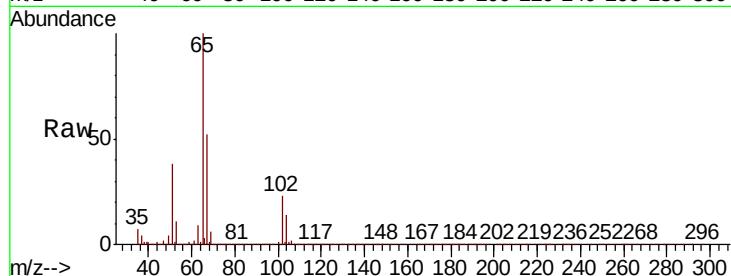




#27
 1,2-Dichloroethane-d4
 Concen: 28.939 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013780.D
 Acq: 05 Dec 2019 17:14

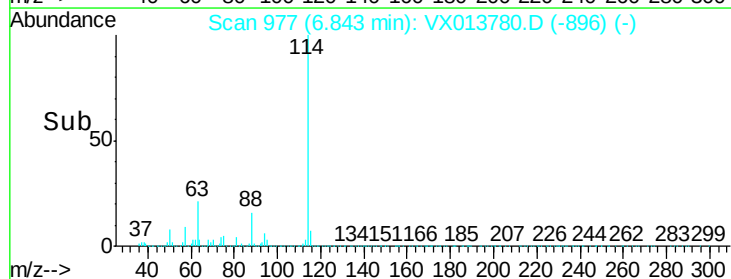
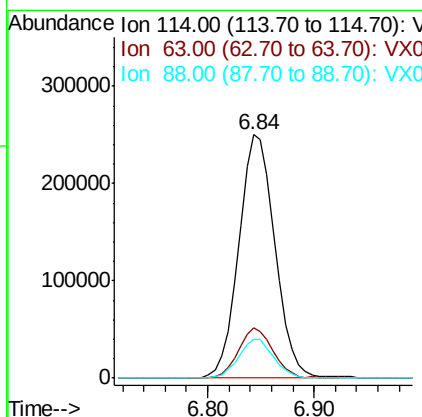
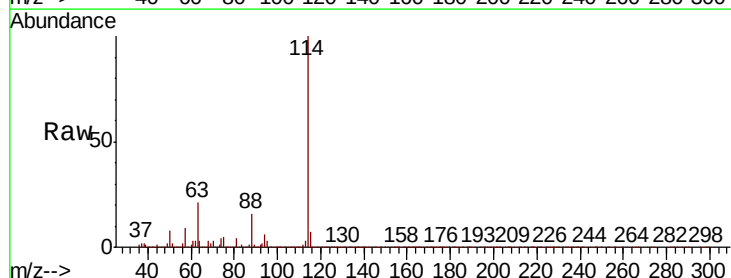
Instrument :
 MSVOA_X
 ClientSampleId :
 391203052

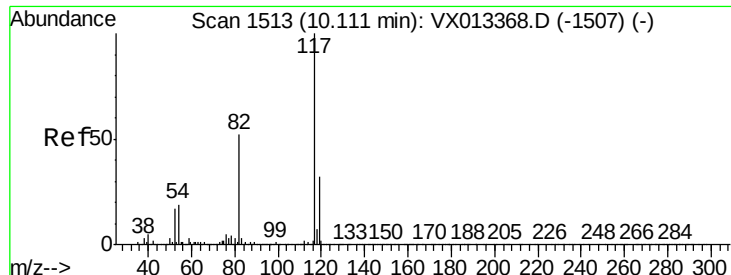
Tot Ion: 65 Resp: 226832
 Ion Ratio Lower Upper
 65 100
 67 52.4 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013780.D
 Acq: 05 Dec 2019 17:14

Tgt Ion: 114 Resp: 595402
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.1 24.1
 88 15.4 12.3 18.5

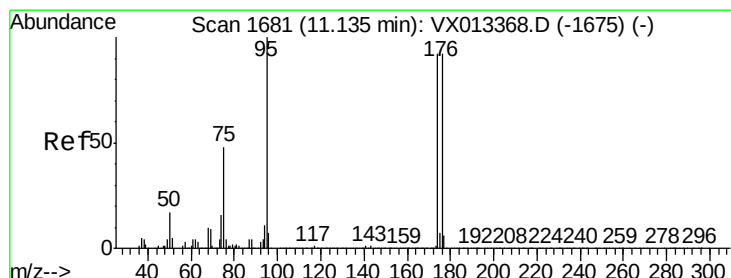
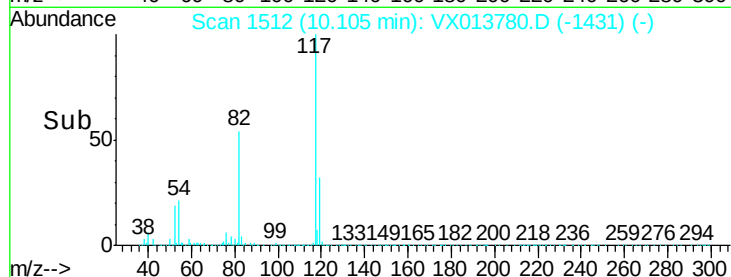
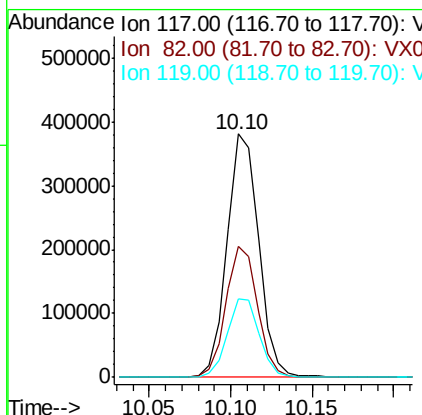
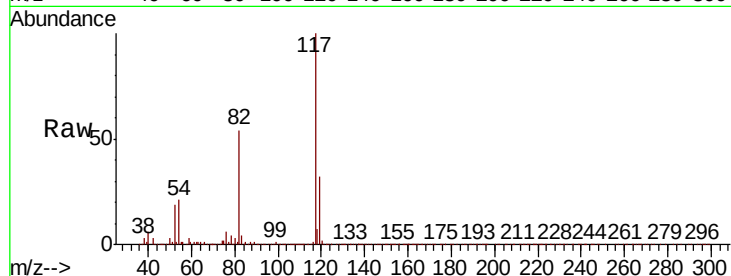




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013780.D
Acq: 05 Dec 2019 17:14

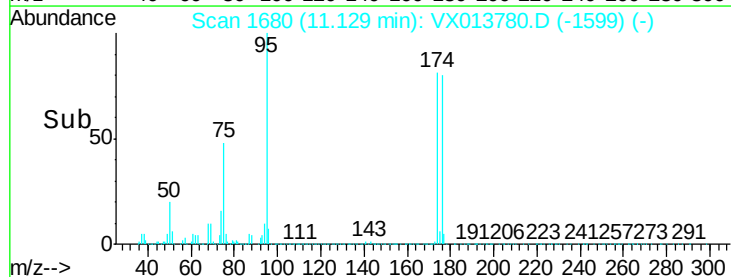
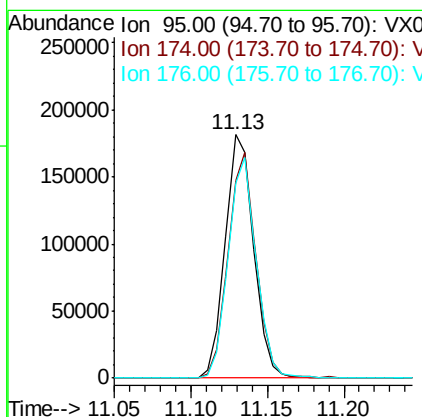
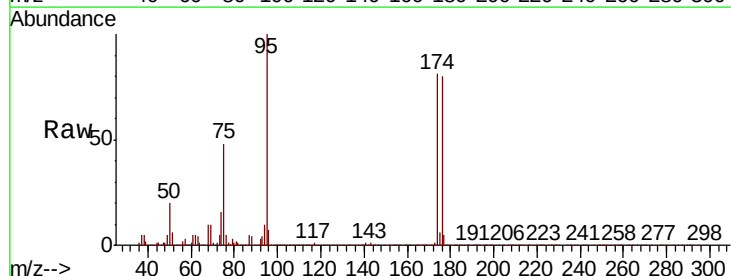
Instrument :
MSVOA_X
ClientSampled :
391203052

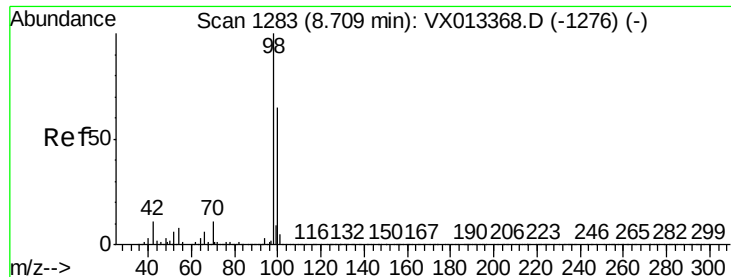
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.7	65.5
119	32.6	25.5	38.3



#60
4-Bromofluorobenzene
Concen: 28.178 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013780.D
Acq: 05 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.8	70.2	105.2
176	89.2	68.3	102.5





#63

Toluene-d8

Concen: 30.010 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013780.D

Acq: 05 Dec 2019 17:14

Instrument :

MSVOA_X

ClientSampleId :

391203052

Tot Ion: 98 Resp: 699886

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

