

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX014000.D
 Acq On : 13 Dec 2019 03:30
 Operator : JC/SP
 Sample : K6198-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 391205075

Quant Time: Dec 13 04:58:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	88761	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	493667	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	426013	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	195389	30.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.47%
60) 4-Bromofluorobenzene	11.14	95	190079	27.63	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.10%
63) Toluene-d8	8.71	98	582328	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

Target Compounds

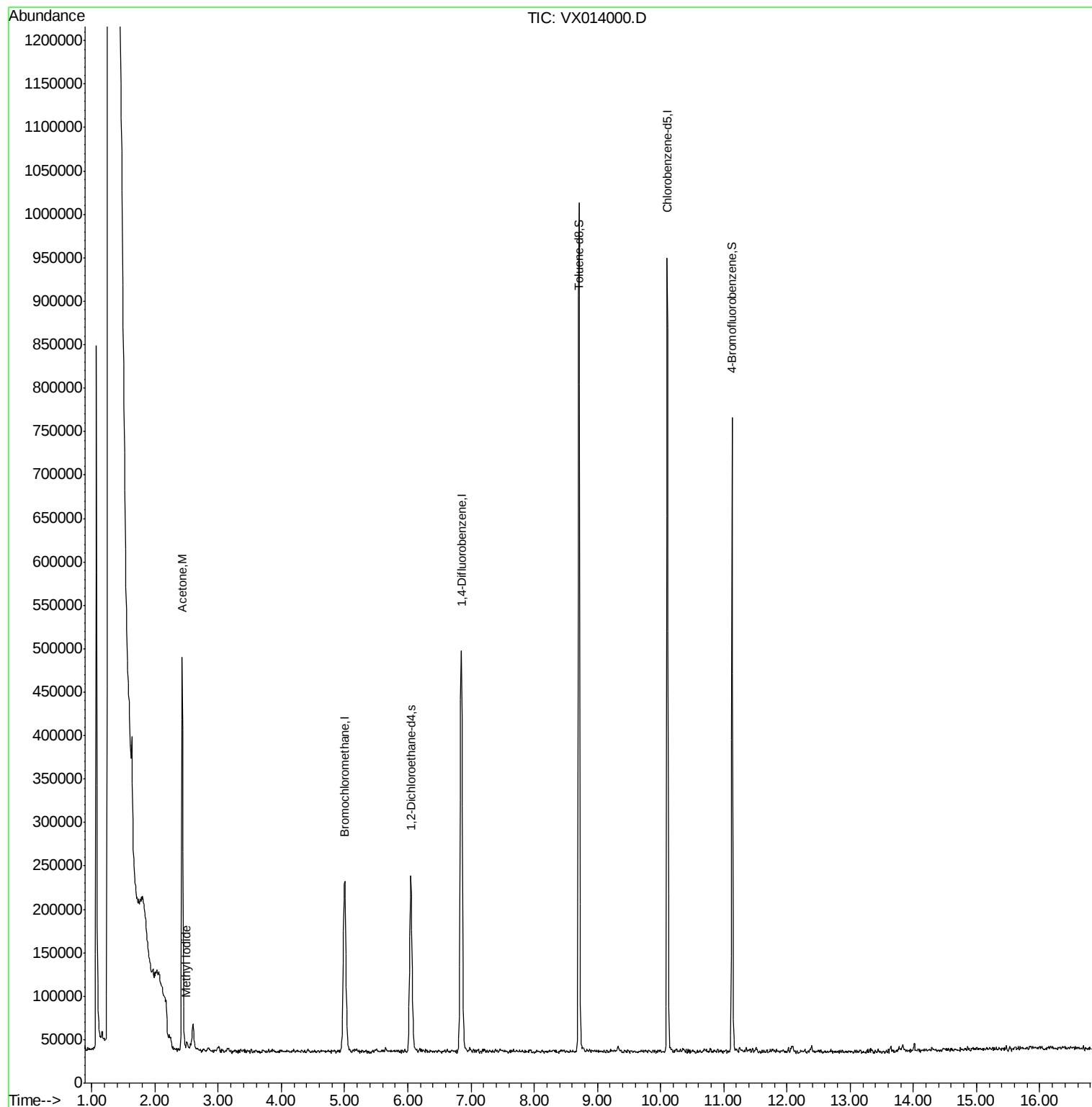
					Ovalue
11) Methyl Iodide	2.50	142	11723	1.832	ug/l 94
15) Acetone	2.43	58	144053	163.019	ug/l 83

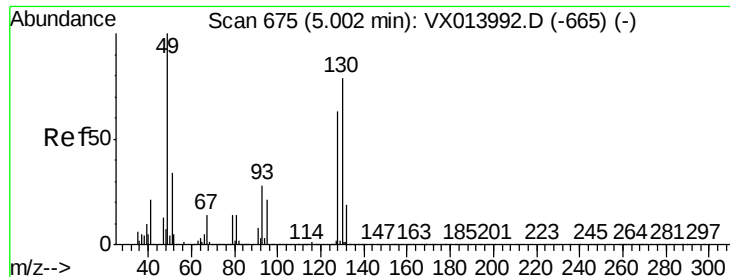
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX014000.D

Acq: 13 Dec 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

391205075

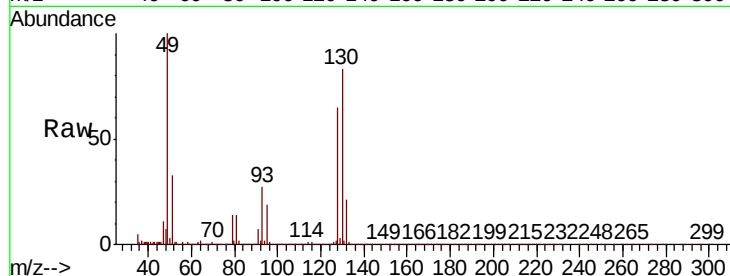
Tot Ion:128 Resp: 88761

Ion Ratio Lower Upper

128 100

49 157.9 0.0 405.0

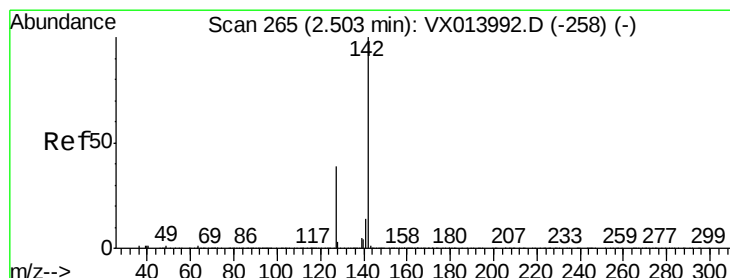
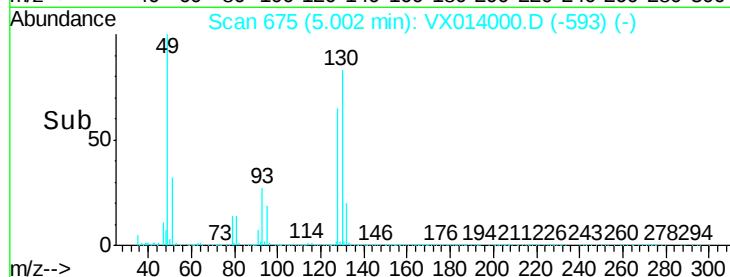
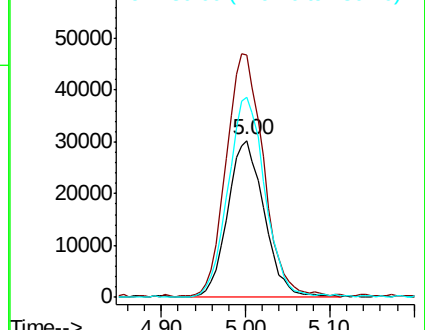
130 129.8 0.0 321.5



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



#11

Methyl Iodide

Concen: 1.832 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014000.D

Acq: 13 Dec 2019 03:30

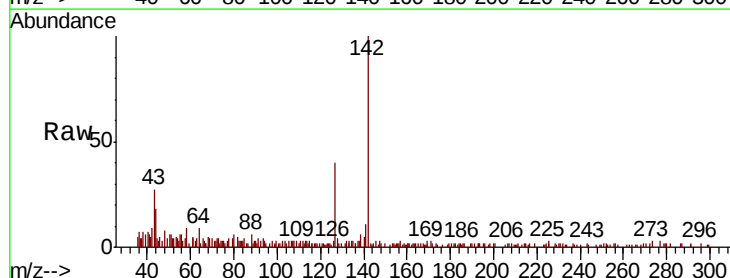
Tgt Ion:142 Resp: 11723

Ion Ratio Lower Upper

142 100

127 36.6 19.5 58.5

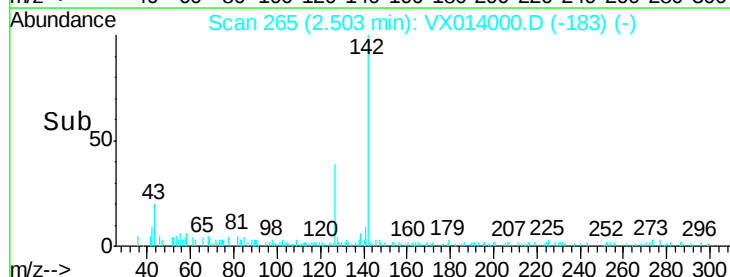
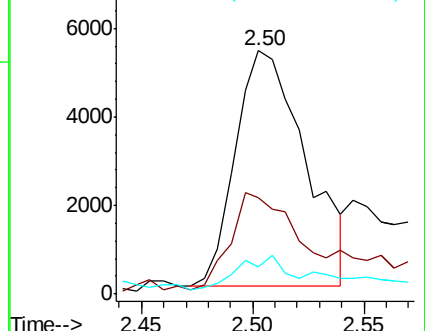
141 9.1 7.0 20.9

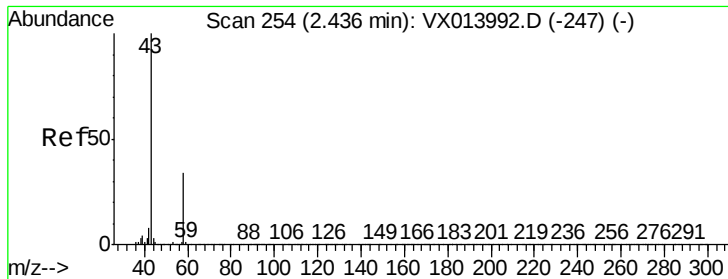


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#15

Acetone

Concen: 163.019 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014000.D

Acq: 13 Dec 2019 03:30

Instrument :

MSVOA_X

ClientSampleId :

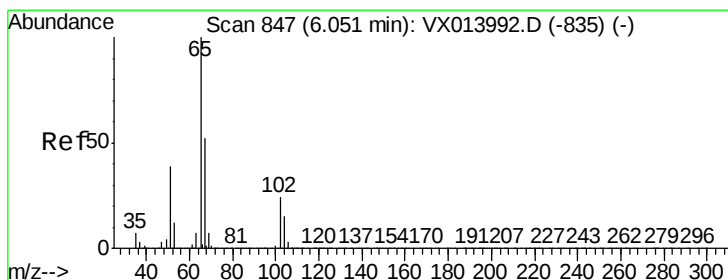
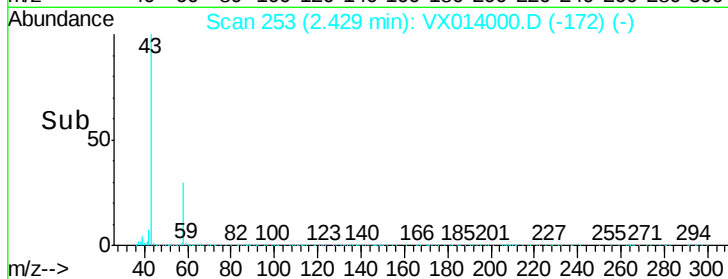
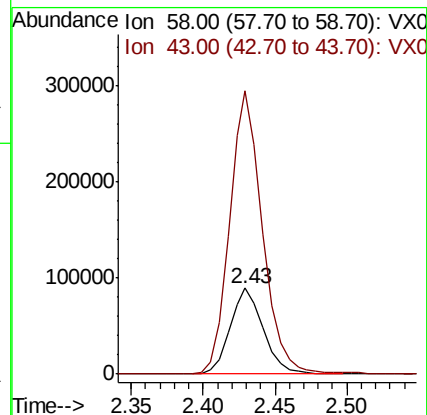
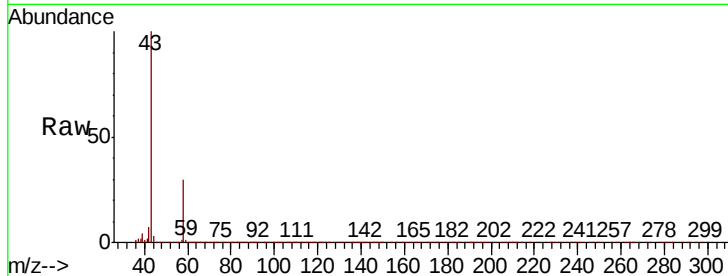
391205075

Tot Ion: 58 Resp: 144053

Ion Ratio Lower Upper

58 100

43 329.3 236.3 354.5



#27

1,2-Dichloroethane-d4

Concen: 30.737 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014000.D

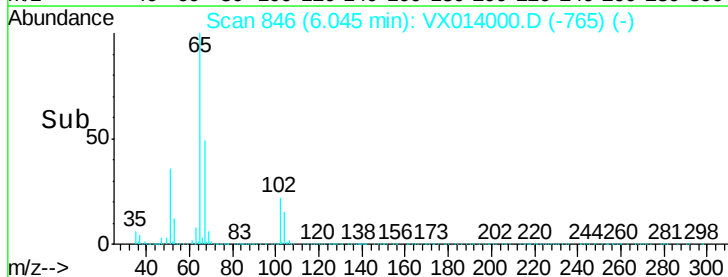
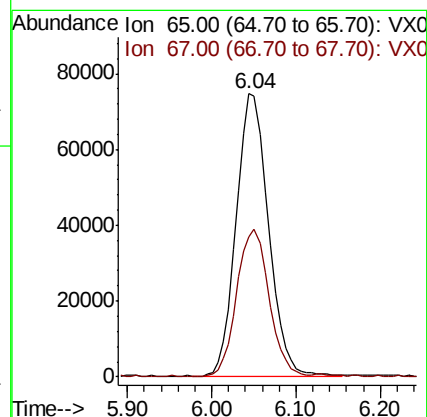
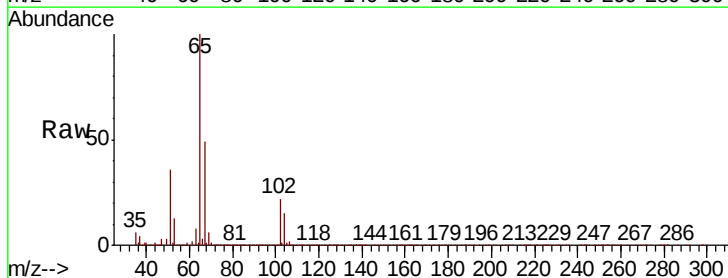
Acq: 13 Dec 2019 03:30

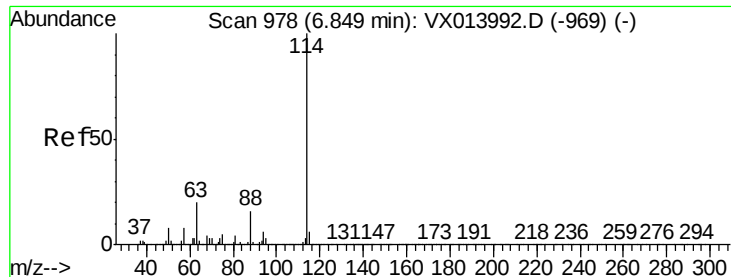
Tgt Ion: 65 Resp: 195389

Ion Ratio Lower Upper

65 100

67 51.4 43.1 64.7

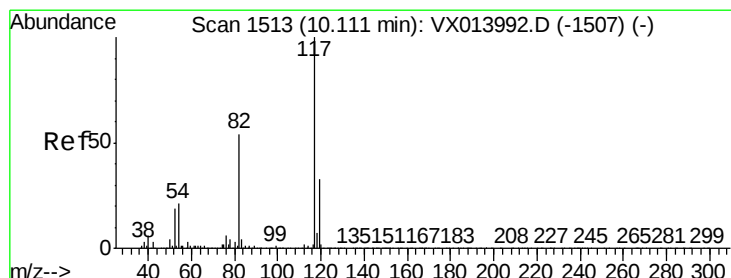
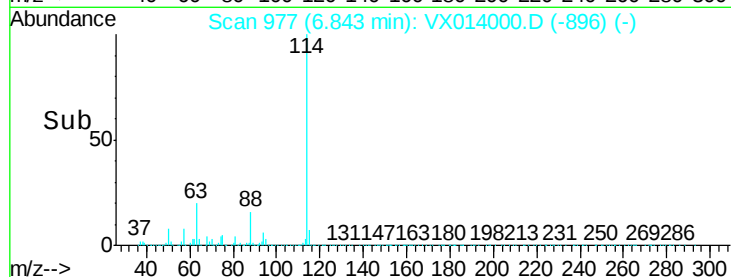
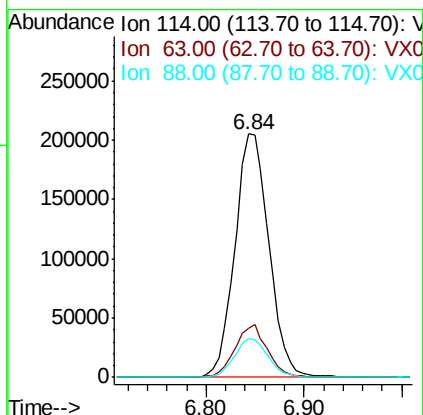
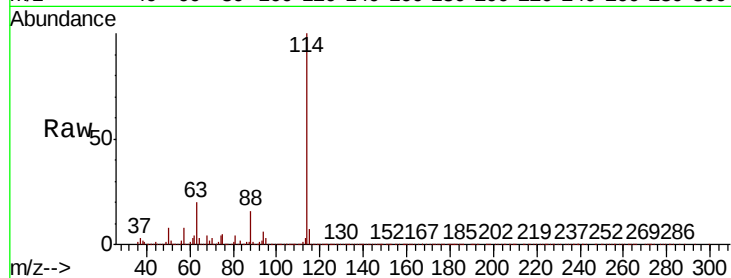




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014000.D
 Acq: 13 Dec 2019 03:30

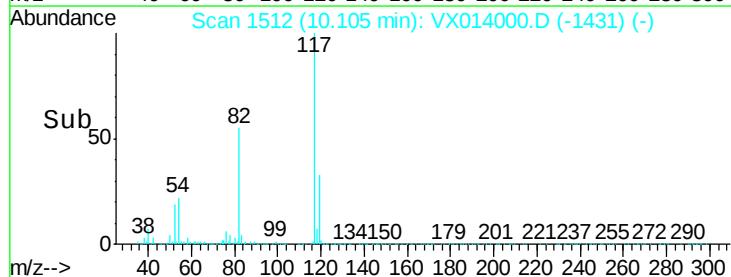
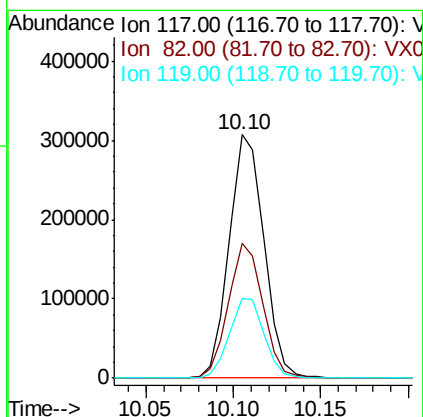
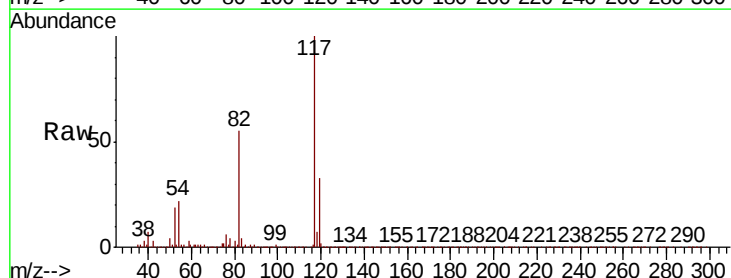
Instrument :
 MSVOA_X
 ClientSampleId :
 391205075

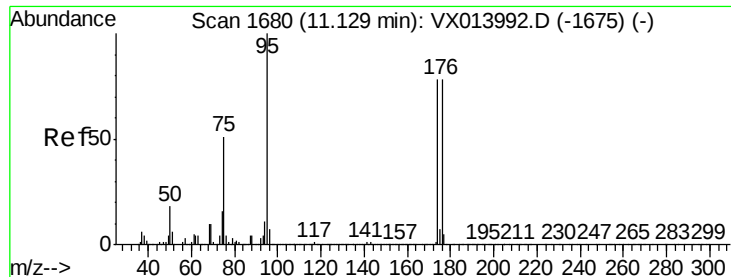
Tot Ion:	114	Resp:	493667
Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.1	24.1
88	15.7	12.5	18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX014000.D
 Acq: 13 Dec 2019 03:30

Tgt Ion:	117	Resp:	426013
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.6
119	32.8	25.8	38.6

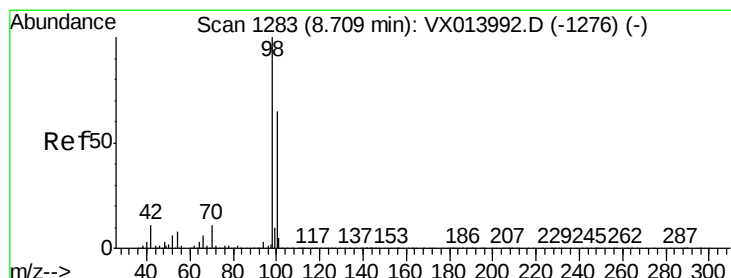
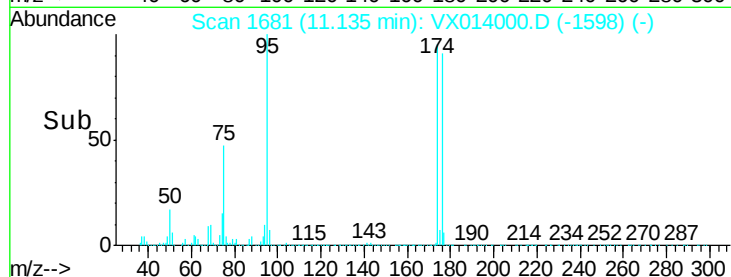
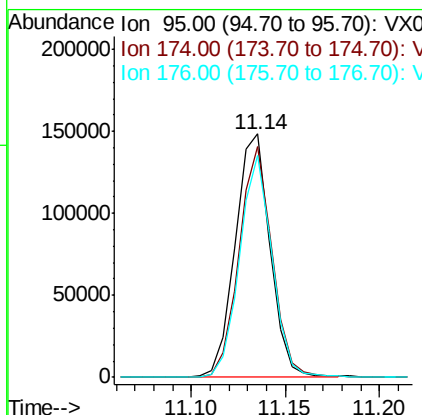
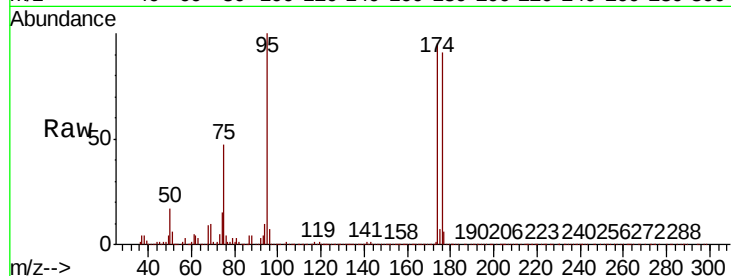




#60
4-Bromofluorobenzene
Concen: 27.631 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014000.D
Acq: 13 Dec 2019 03:30

Instrument :
MSVOA_X
ClientSampleId :
391205075

Tot Ion	Ratio	Lower	Upper
95	100		
174	89.7	70.2	105.2
176	85.2	68.3	102.5



#63
Toluene-d8
Concen: 30.581 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014000.D
Acq: 13 Dec 2019 03:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2

