

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014075.D
 Acq On : 18 Dec 2019 02:14
 Operator : JC/SP
 Sample : K6353-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-012-IDWGW-20191216

Quant Time: Dec 18 08:17:59 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	92714	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	513918	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	435296	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	202324	30.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.57%
60) 4-Bromofluorobenzene	11.13	95	185545	26.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.00%
63) Toluene-d8	8.71	98	606077	31.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.83%

Target Compounds

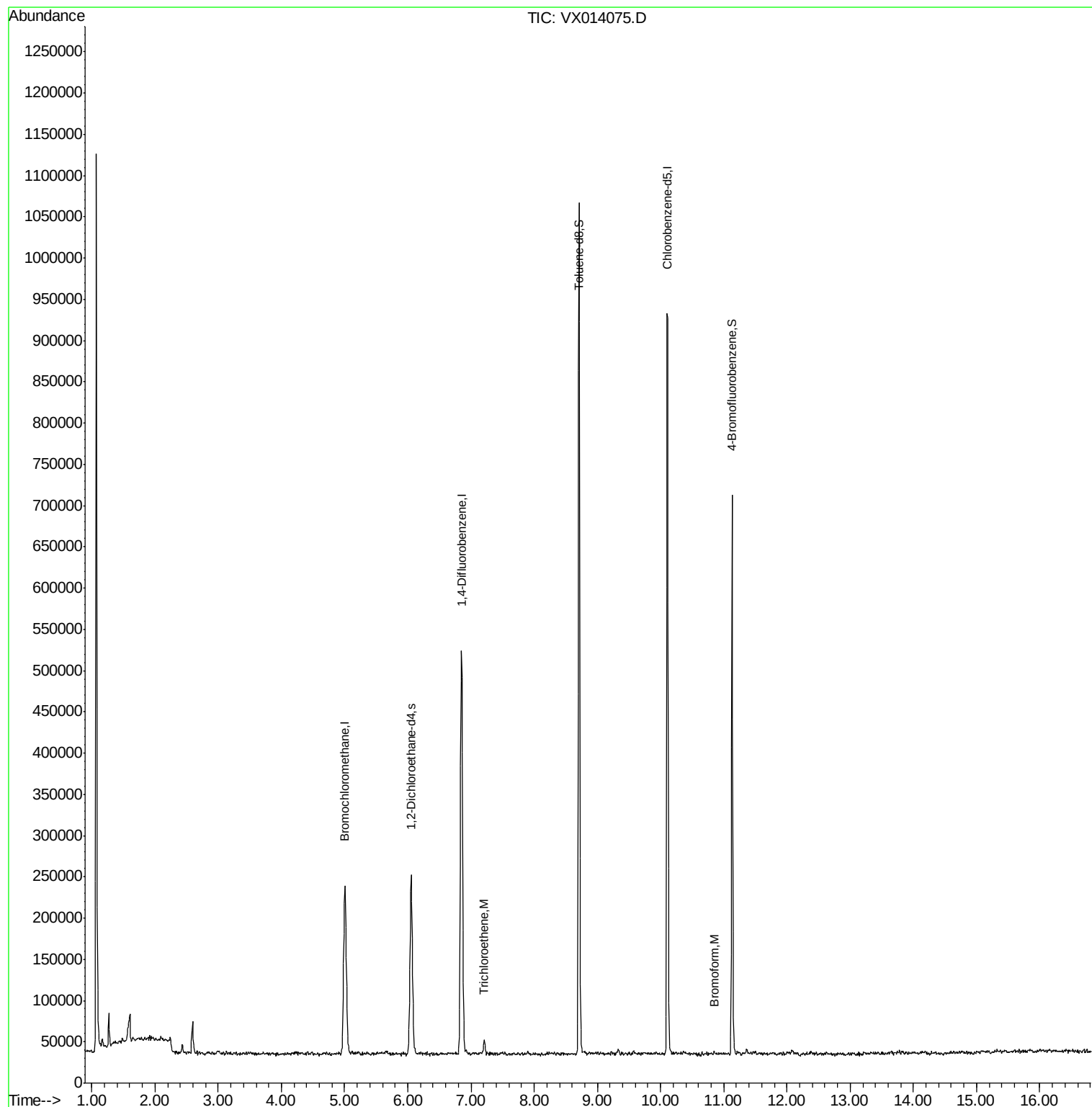
					Ovalue
37) Trichloroethene	7.21	130	7088	1.125 ug/l	87
56) Bromoform	10.85	173	2180	0.472 ug/l #	91

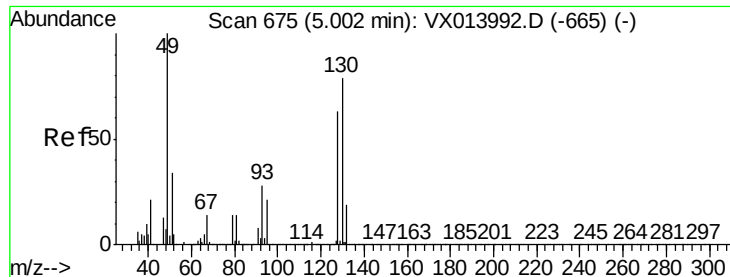
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014075.D

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Instrument :

MSVOA_X

ClientSampleId :

TT-012-IDW/GW-20191216

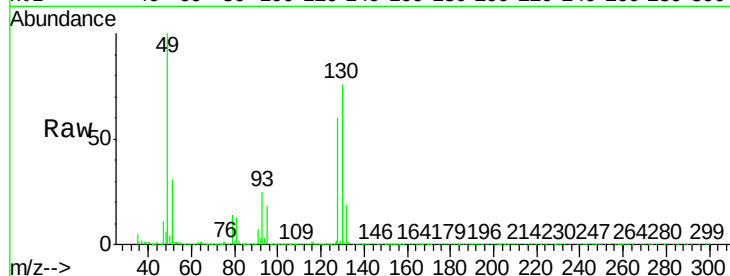
Tot Ion:128 Resp: 92714

Ion Ratio Lower Upper

128 100

49 163.0 0.0 405.0

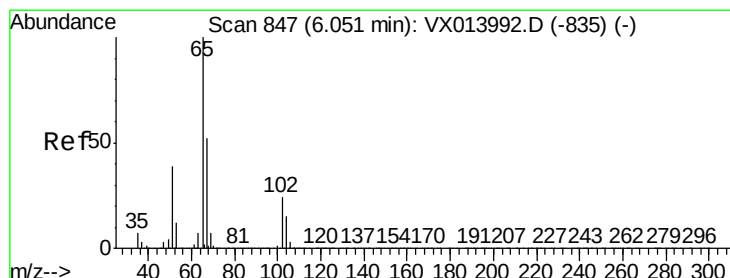
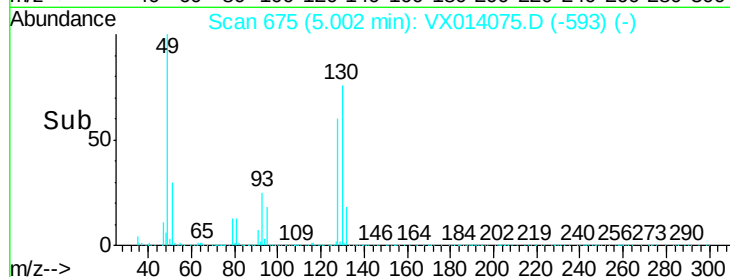
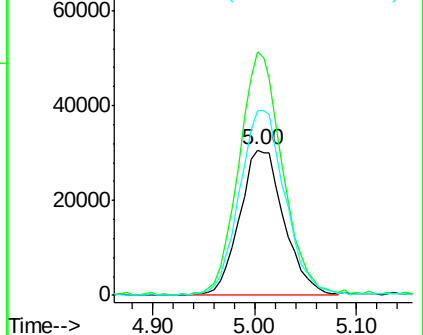
130 130.1 0.0 321.5



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



#27

1,2-Dichloroethane-d4

Concen: 30.471 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014075.D

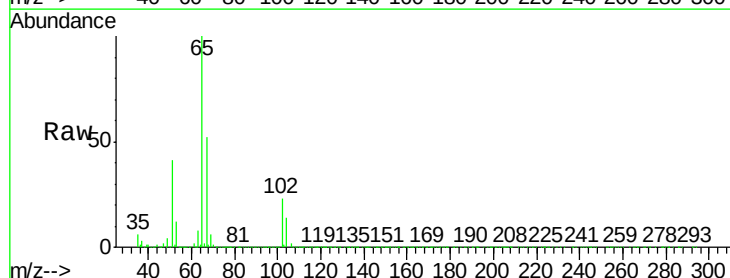
Acq: 18 Dec 2019 02:14

Tgt Ion: 65 Resp: 202324

Ion Ratio Lower Upper

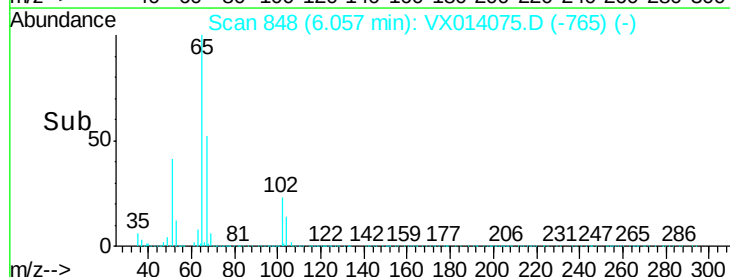
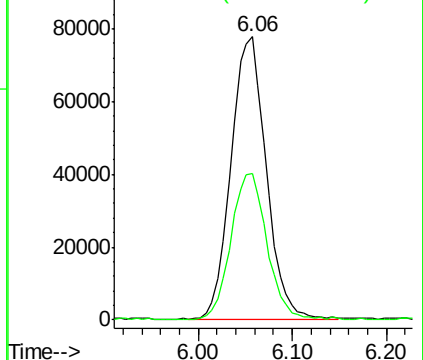
65 100

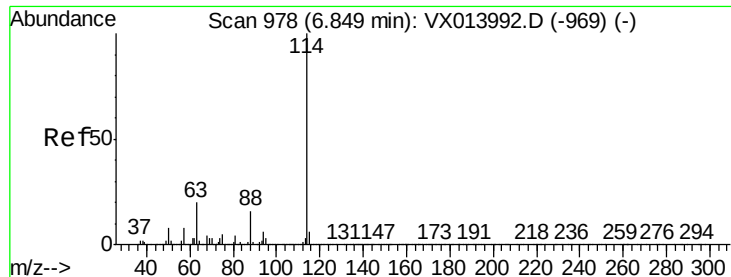
67 53.2 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

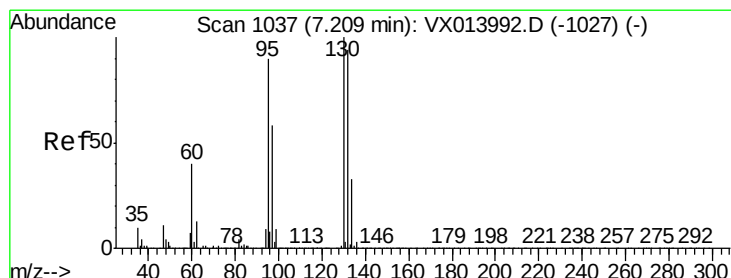
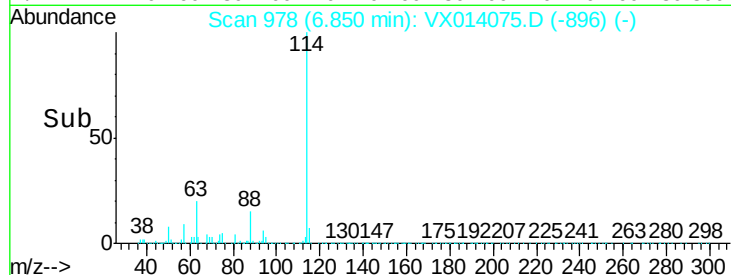
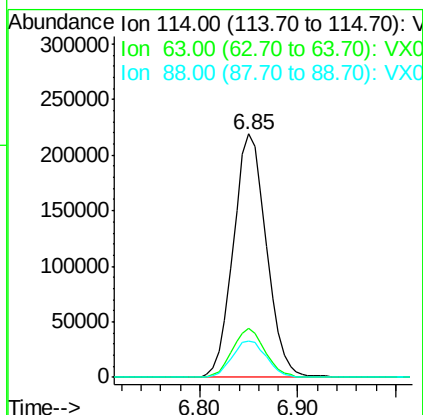
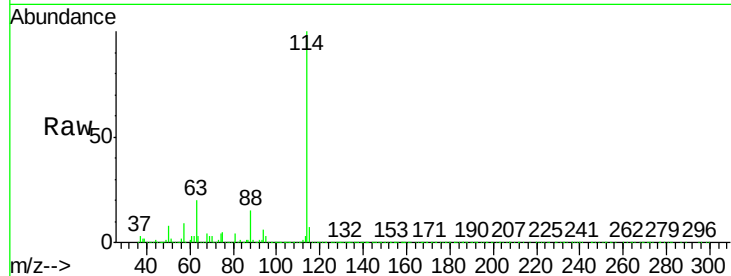




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014075.D
 Acq: 18 Dec 2019 02:14

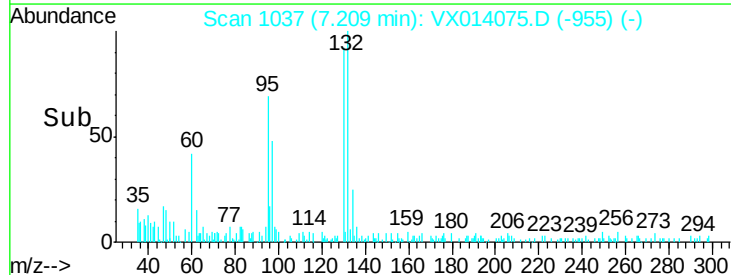
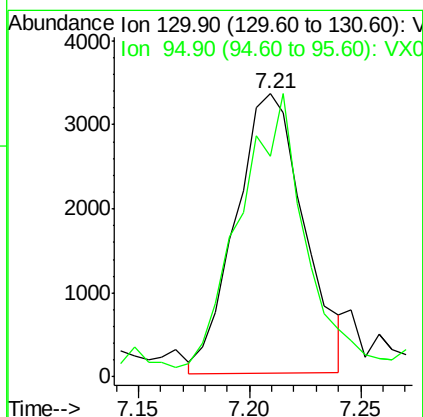
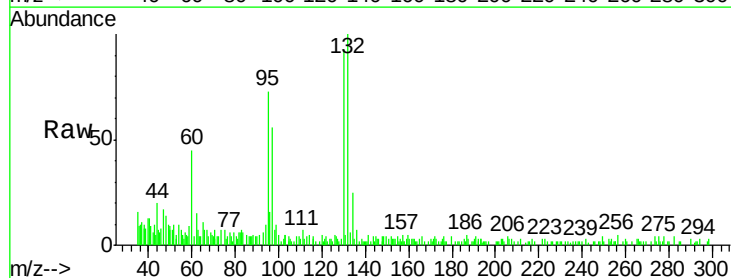
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-012-IDWGW-20191216

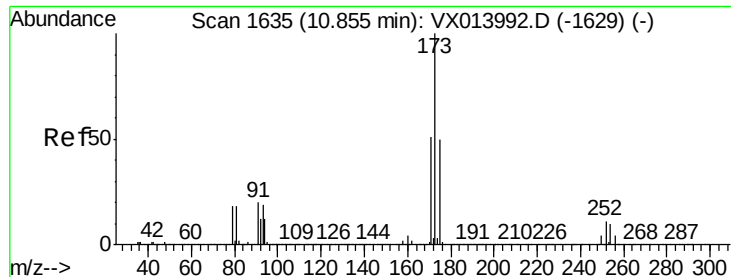
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	16.1	24.1
88	15.3	12.5	18.7



#37
 Trichloroethene
 Concen: 1.125 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014075.D
 Acq: 18 Dec 2019 02:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	77.1	71.7	107.5





#56

Bromoform

Concen: 0.472 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014075.D

Acq: 18 Dec 2019 02:14

Instrument :

MSVOA_X

ClientSampleId :

TT-012-IDW/GW-20191216

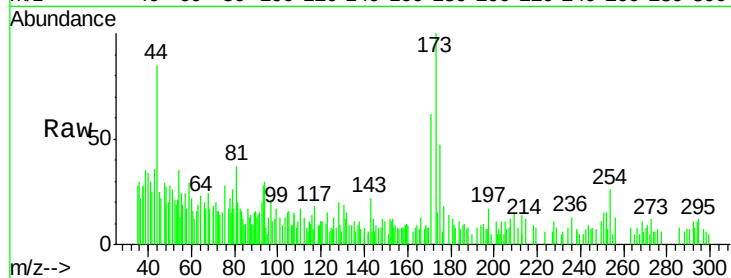
Tot Ion:173 Resp: 2180

Ion Ratio Lower Upper

173 100

175 45.0 39.5 59.3

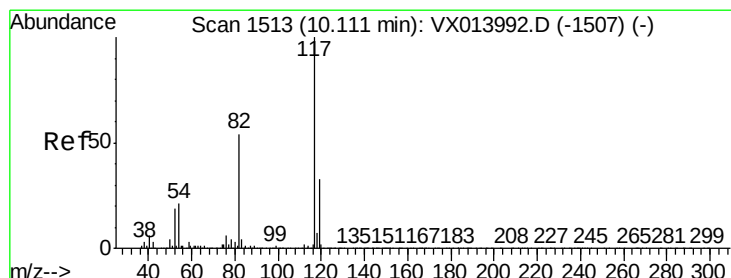
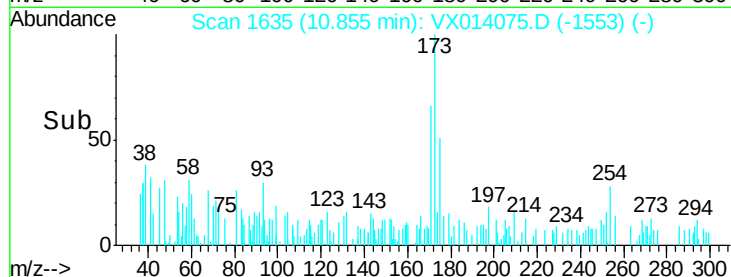
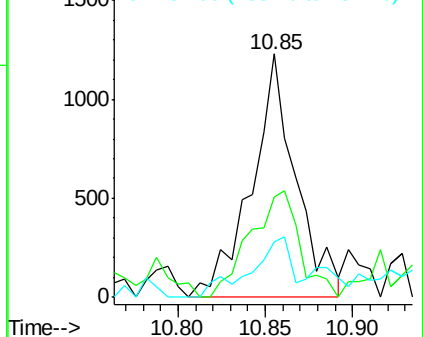
254 18.1 8.2 12.4#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014075.D

Acq: 18 Dec 2019 02:14

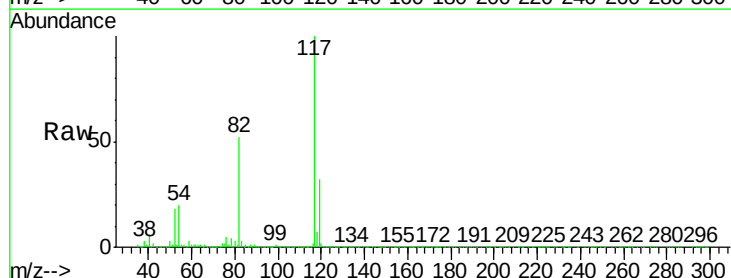
Tgt Ion:117 Resp: 435296

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.6

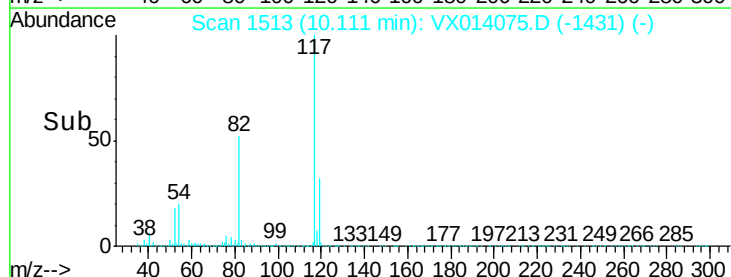
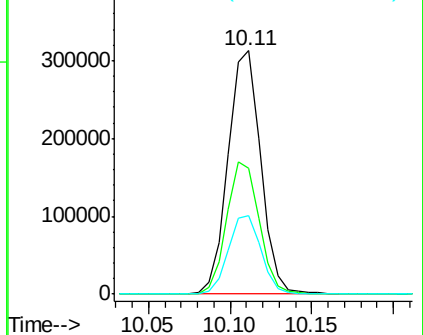
119 32.2 25.8 38.6

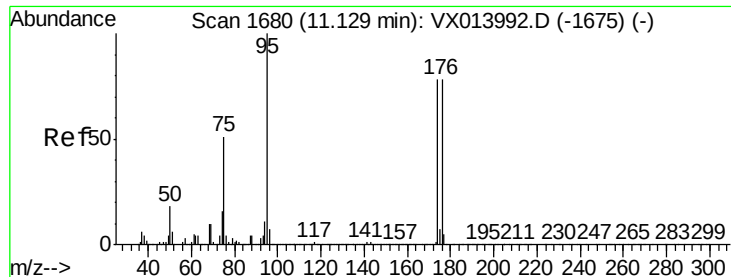


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

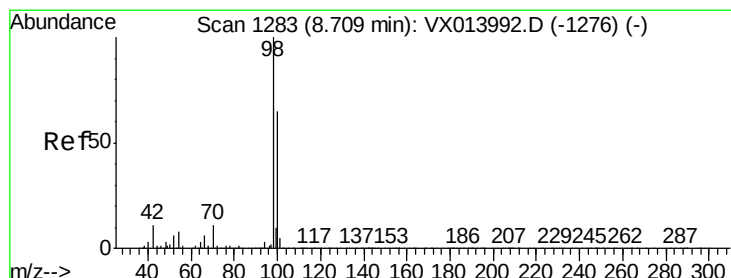
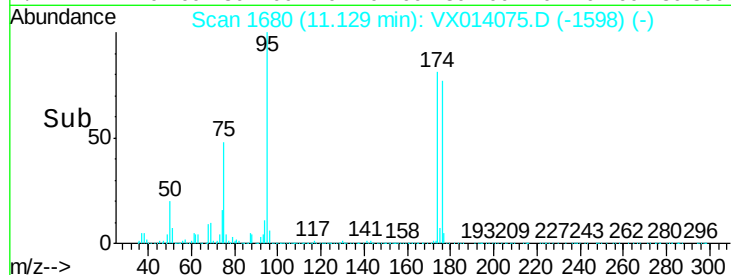
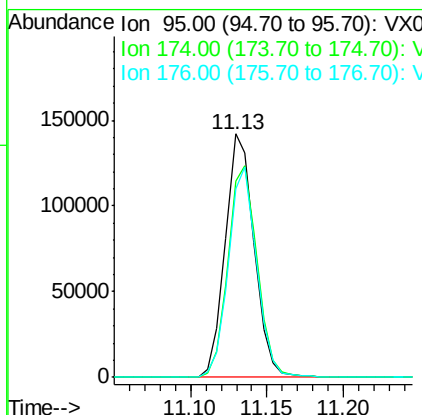
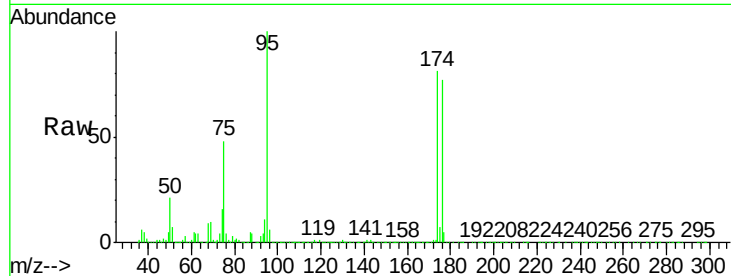




#60
4-Bromofluorobenzene
Concen: 26.397 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014075.D
Acq: 18 Dec 2019 02:14

Instrument :
MSVOA_X
ClientSampleId :
TT-012-IDWGW-20191216

Tot Ion	Ratio	Lower	Upper
95	100		
174	87.4	70.2	105.2
176	84.8	68.3	102.5



#63
Toluene-d8
Concen: 31.149 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014075.D
Acq: 18 Dec 2019 02:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

