

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013378.D
 Acq On : 12 Nov 2019 11:59
 Operator : JC/SP
 Sample : K5765-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-009-IDWGW-20191107

Quant Time: Nov 12 13:15:32 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	139971	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	781393	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	673785	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	305237	29.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.43%
60) 4-Bromofluorobenzene	11.13	95	297661	27.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.63%
63) Toluene-d8	8.71	98	927693	30.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.50%

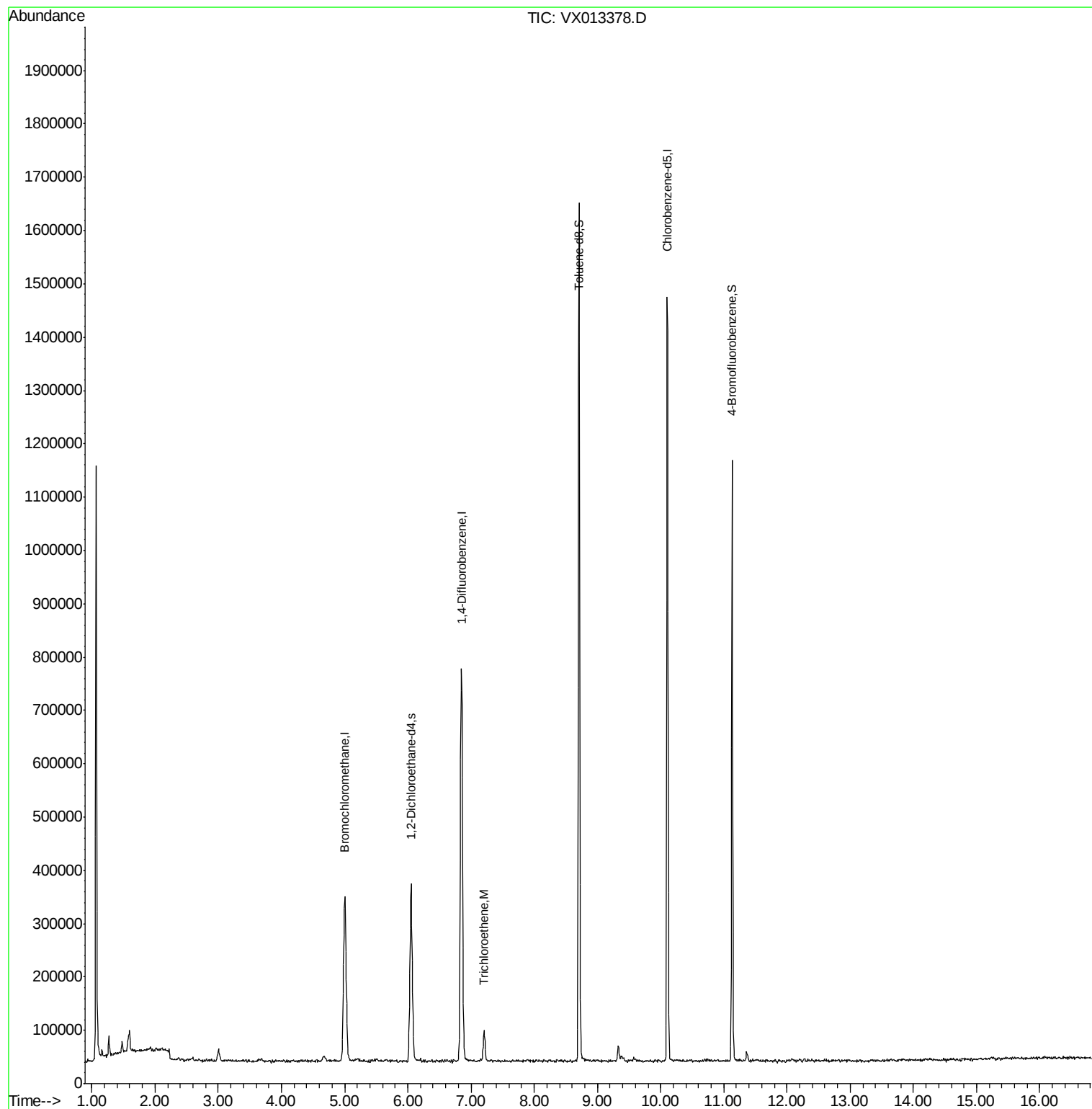
Target Compounds					Ovalue
37) Trichloroethene	7.21	130	23726	2.446 ug/l	97

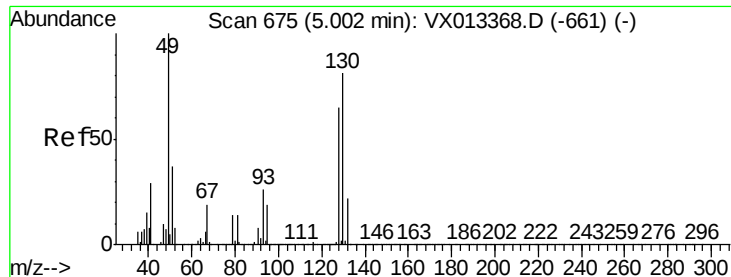
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 01:16:13 2019
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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: VX013378.D

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Instrument :

MSVOA_X

ClientSampleId :

TT-009-IDW/GW-20191107

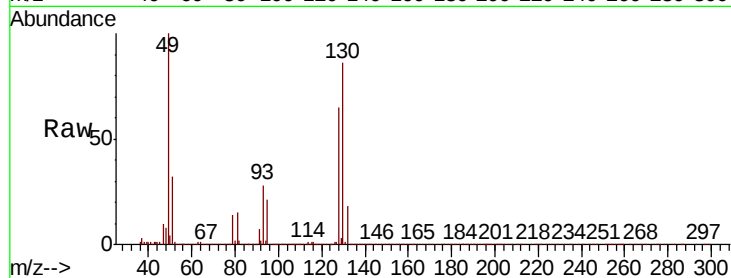
Tot Ion:128 Resp: 139971

Ion Ratio Lower Upper

128 100

49 156.5 0.0 388.3

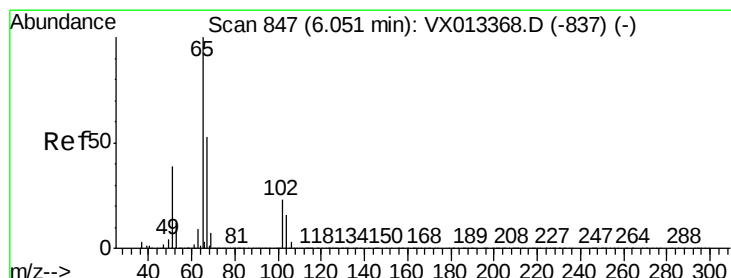
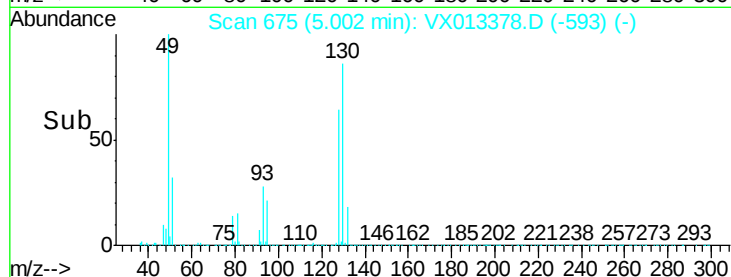
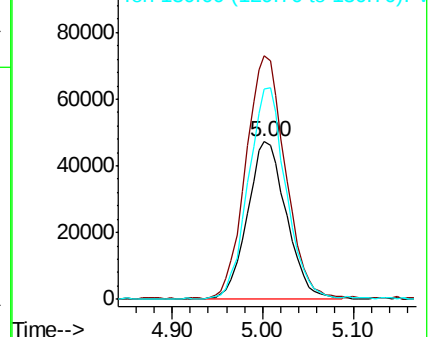
130 130.3 0.0 318.5



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



#27

1,2-Dichloroethane-d4

Concen: 29.532 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013378.D

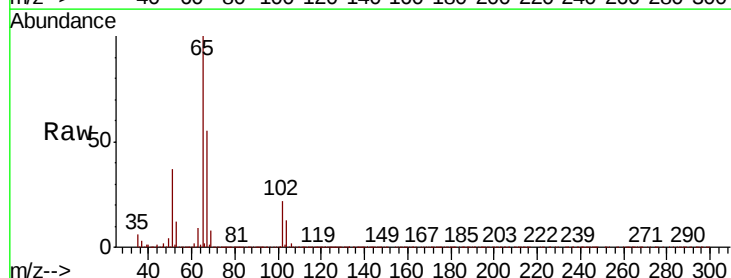
Acq: 12 Nov 2019 11:59

Tgt Ion: 65 Resp: 305237

Ion Ratio Lower Upper

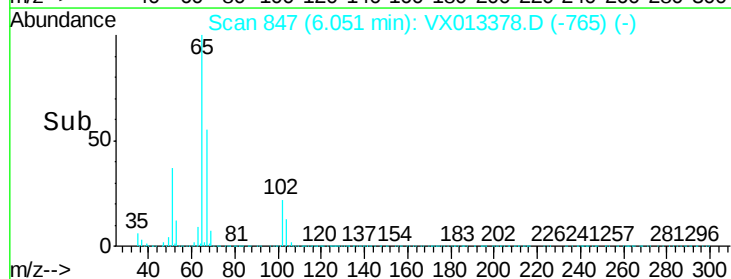
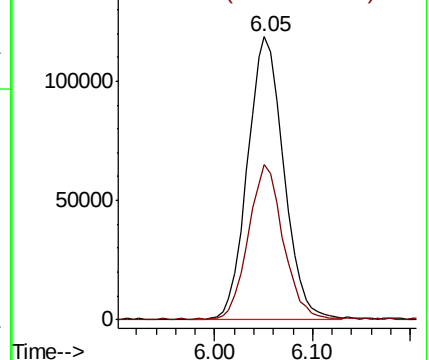
65 100

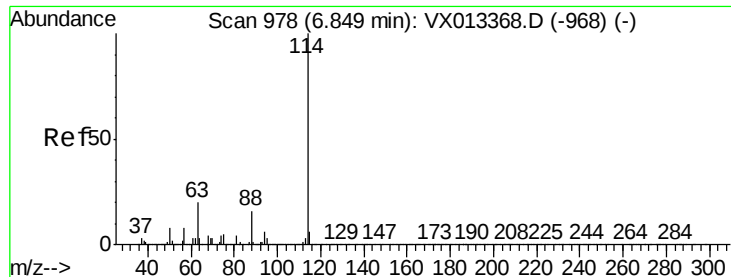
67 52.5 41.0 61.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

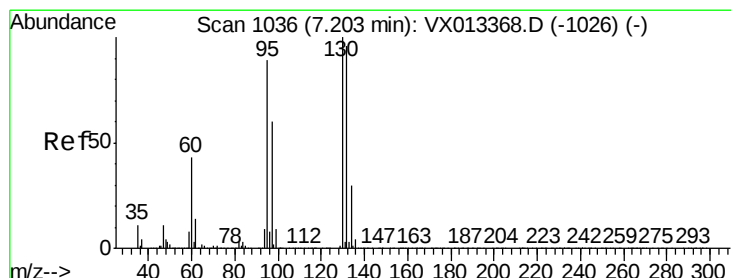
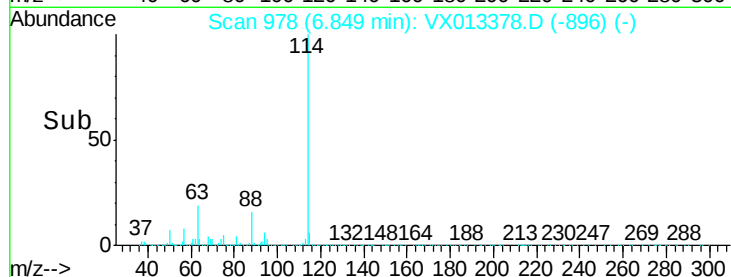
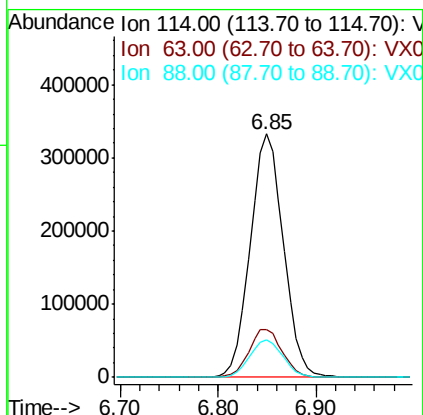
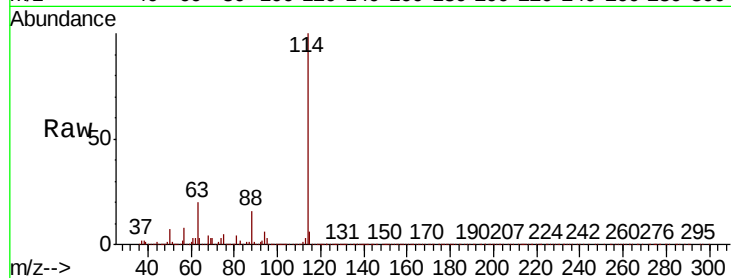




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013378.D
Acq: 12 Nov 2019 11:59

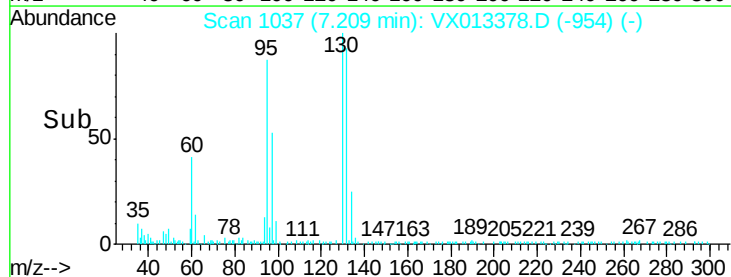
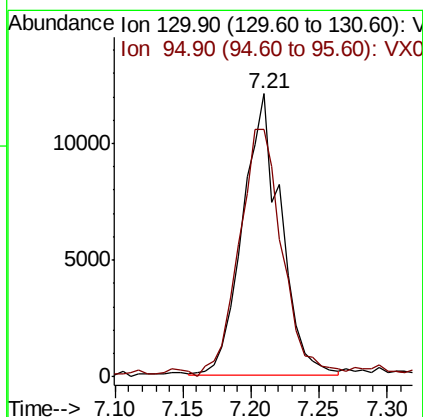
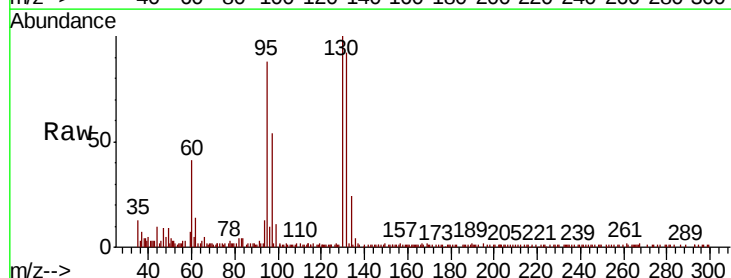
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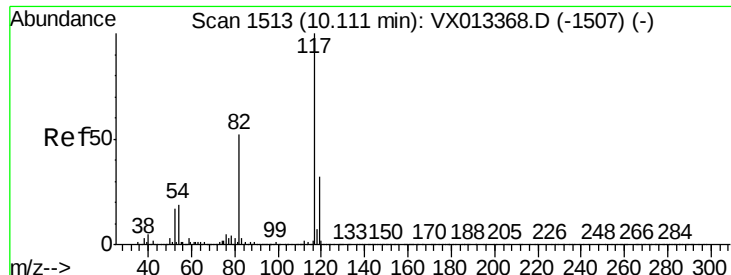
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	16.1	24.1
88	15.5	12.3	18.5



#37
Trichloroethene
Concen: 2.446 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013378.D
Acq: 12 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.6	71.3	106.9

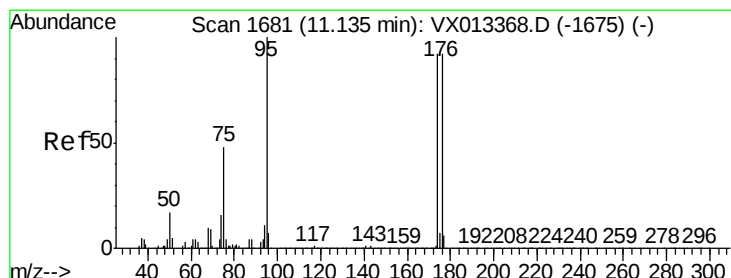
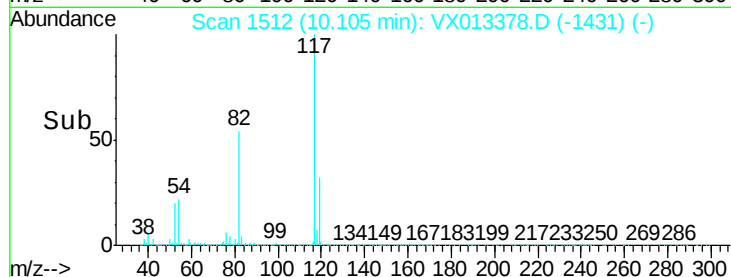
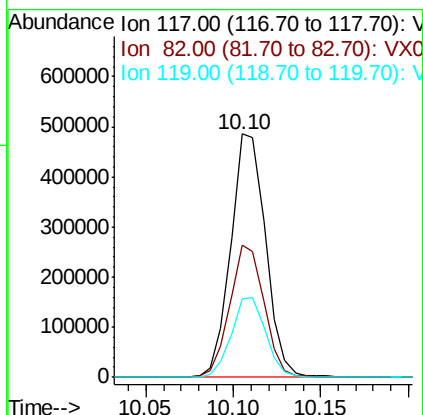
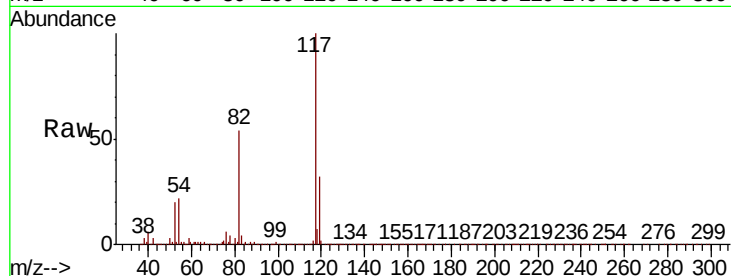




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013378.D
Acq: 12 Nov 2019 11:59

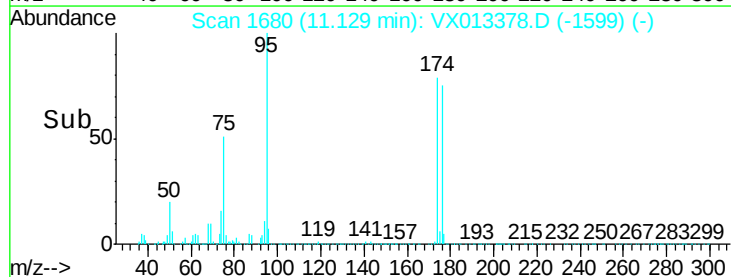
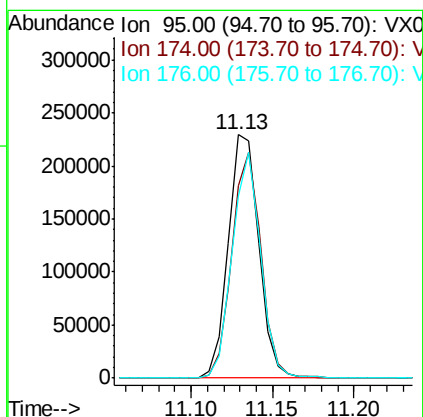
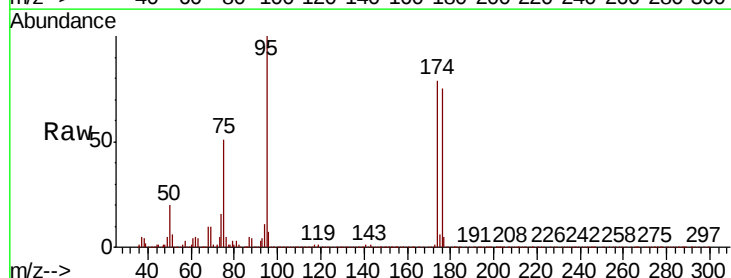
Instrument :
MSVOA_X
ClientSampleId :
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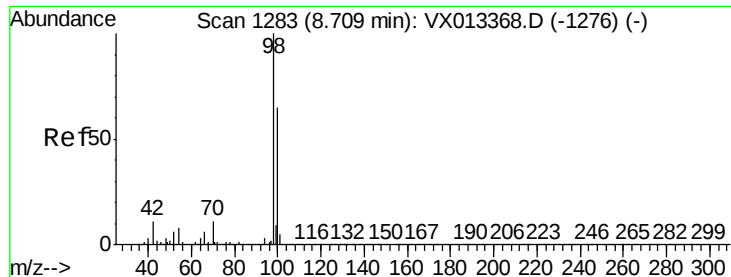
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.7	65.5
119	32.4	25.5	38.3



#60
4-Bromofluorobenzene
Concen: 27.486 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013378.D
Acq: 12 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	70.2	105.2
176	86.7	68.3	102.5





#63

Toluene-d8

Concen: 30.448 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013378.D

Acq: 12 Nov 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

TT-009-IDW/GW-20191107

Tot Ion: 98 Resp: 927693

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

