

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014078.D
 Acq On : 18 Dec 2019 03:24
 Operator : JC/SP
 Sample : K6353-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-015-IDWGW-20191216

Quant Time: Dec 18 08:24:29 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	5.01	128	85374	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	471439	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	403867	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	186208	30.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.50%
60) 4-Bromofluorobenzene	11.13	95	172283	26.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.07%
63) Toluene-d8	8.71	98	562626	31.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.90%

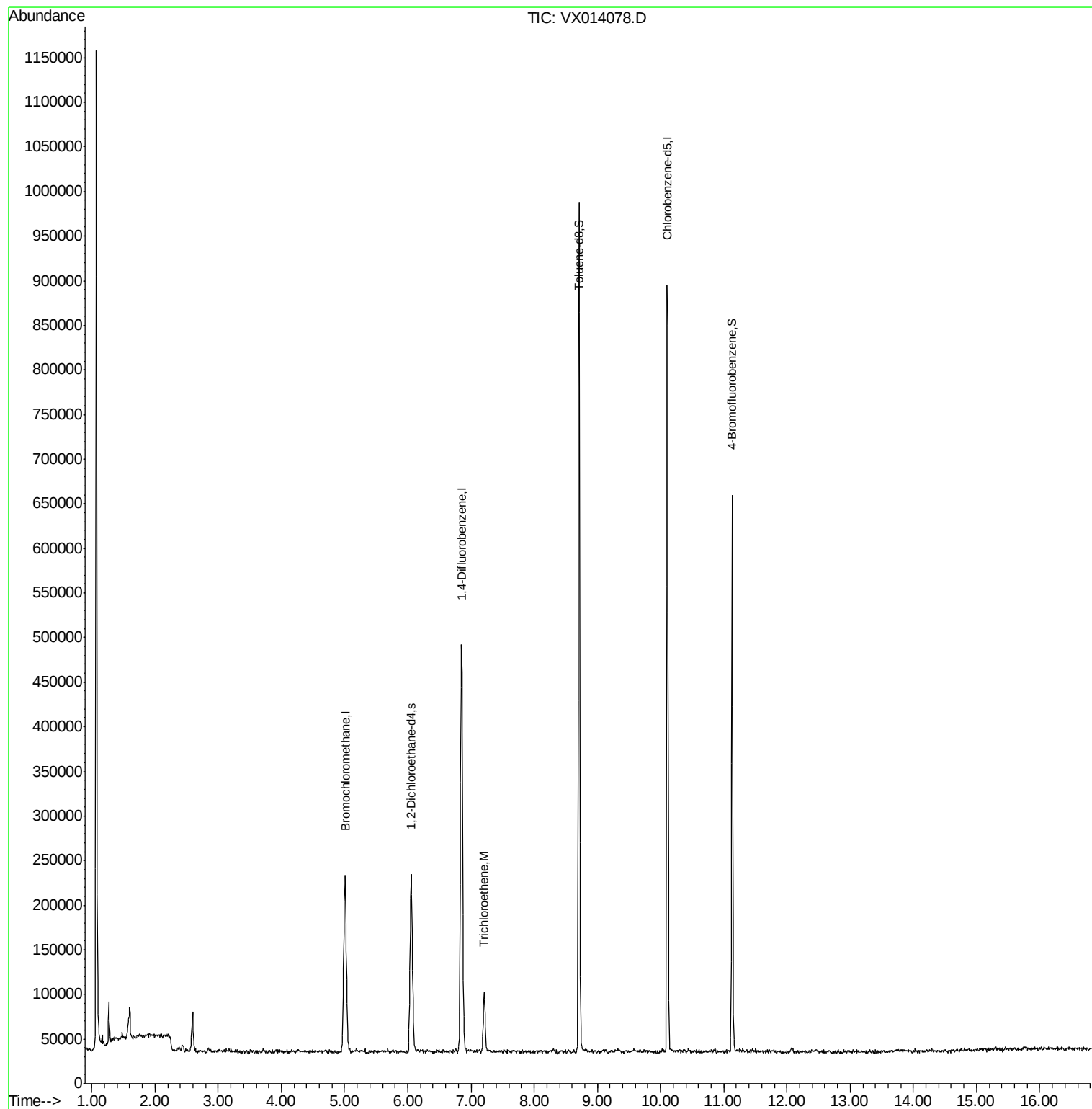
Target Compounds					Ovalue
37) Trichloroethene	7.21	130	28778	4.981 ug/l	96

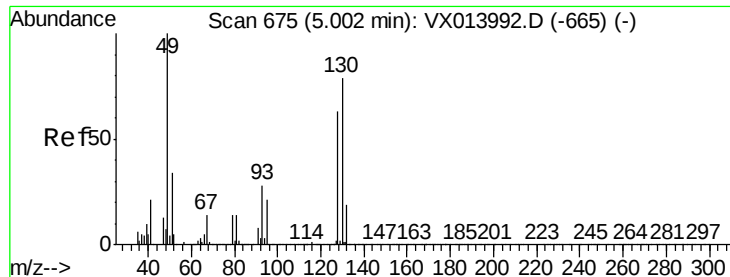
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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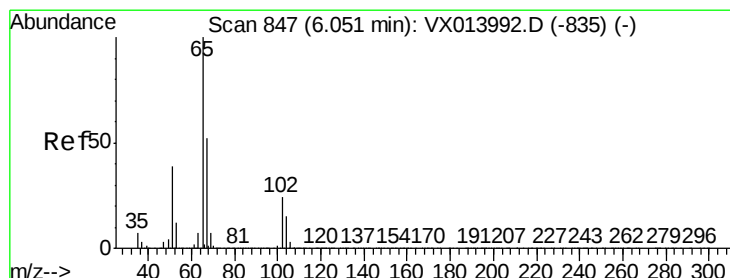
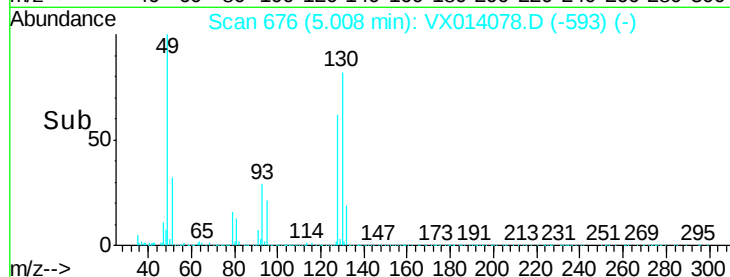
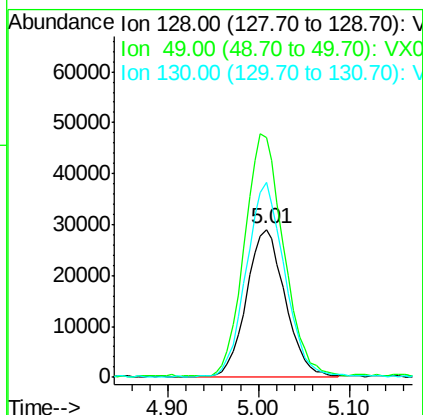
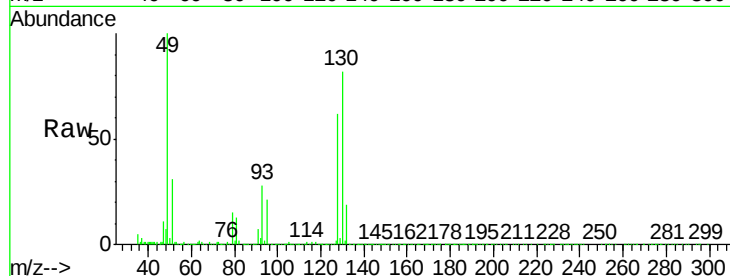


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014078.D
 Acq: 18 Dec 2019 03:24

Instrument :
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 ClientSampleId :
 TT-015-IDW/GW-20191216

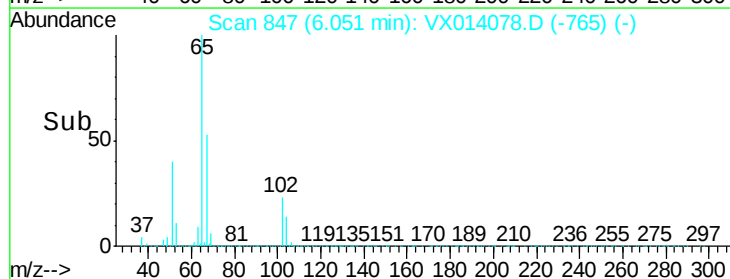
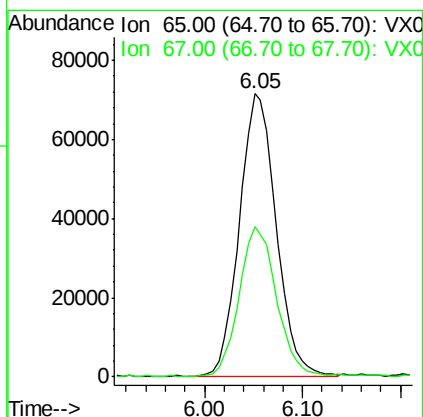
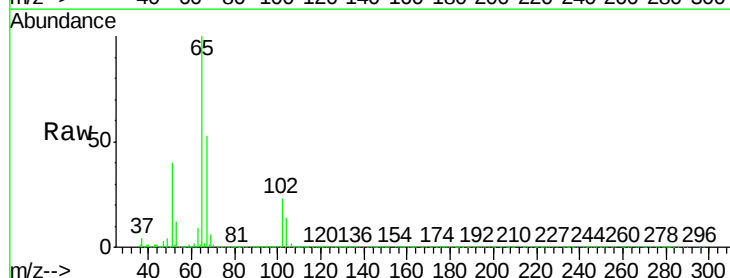
Tot Ion:128 Resp: 85374
 Ion Ratio Lower Upper
 128 100
 49 167.8 0.0 405.0
 130 131.8 0.0 321.5

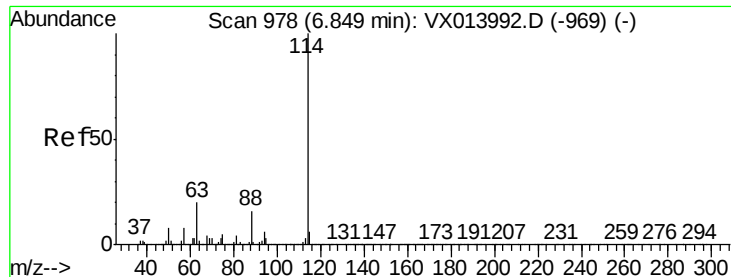


#27

1,2-Dichloroethane-d4
 Concen: 30.455 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014078.D
 Acq: 18 Dec 2019 03:24

Tgt Ion: 65 Resp: 186208
 Ion Ratio Lower Upper
 65 100
 67 53.5 43.1 64.7

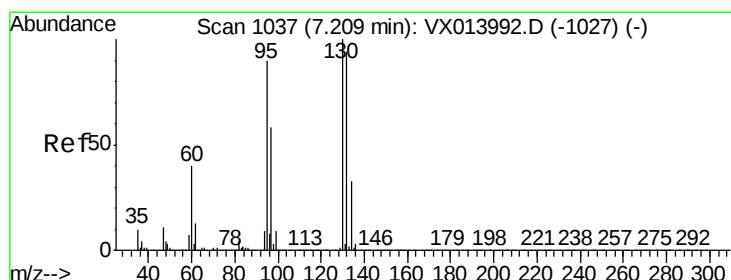
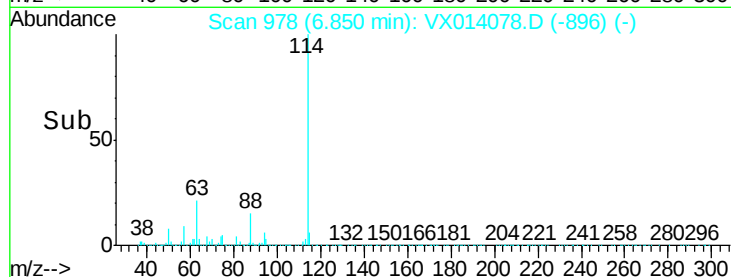
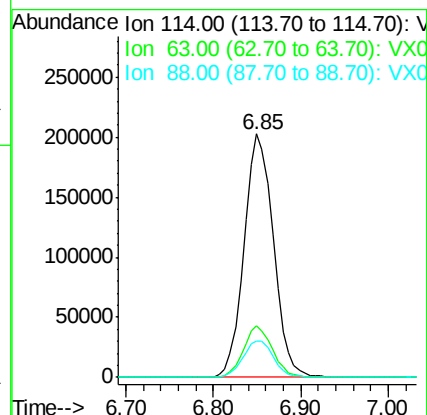
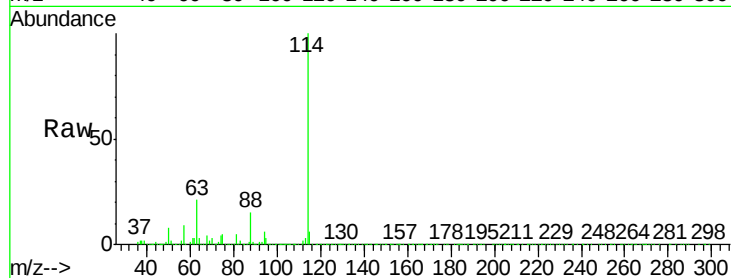




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014078.D
Acq: 18 Dec 2019 03:24

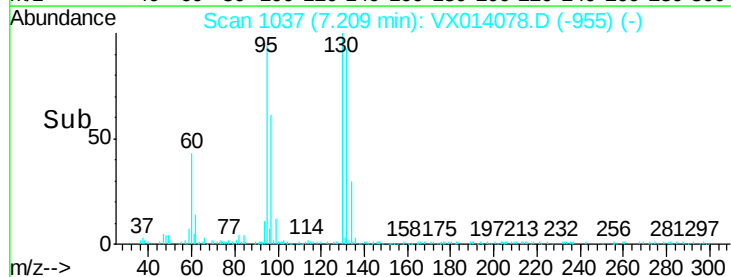
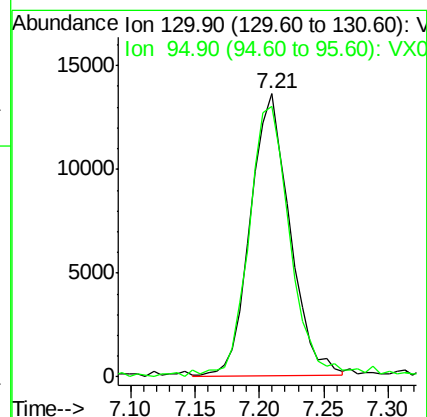
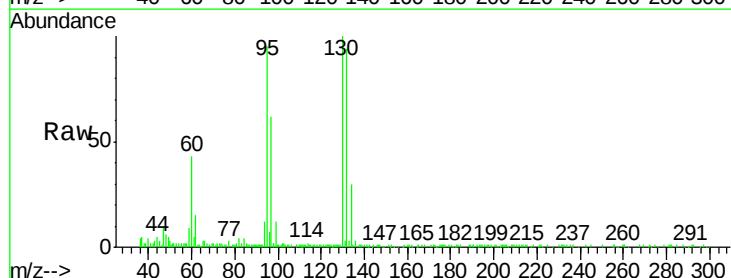
Instrument :
MSVOA_X
ClientSampleId :
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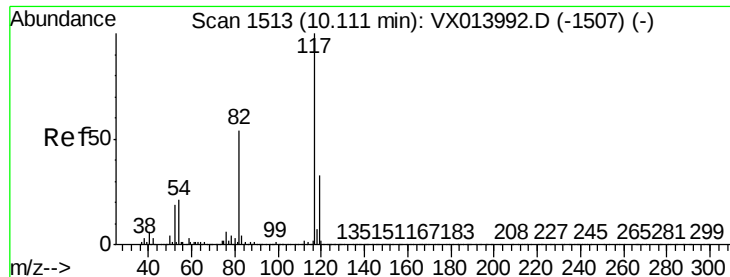
Tot Ion:114 Resp: 471439
Ion Ratio Lower Upper
114 100
63 20.5 16.1 24.1
88 15.4 12.5 18.7



#37
Trichloroethene
Concen: 4.981 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014078.D
Acq: 18 Dec 2019 03:24

Tgt Ion:130 Resp: 28778
Ion Ratio Lower Upper
130 100
95 93.7 71.7 107.5

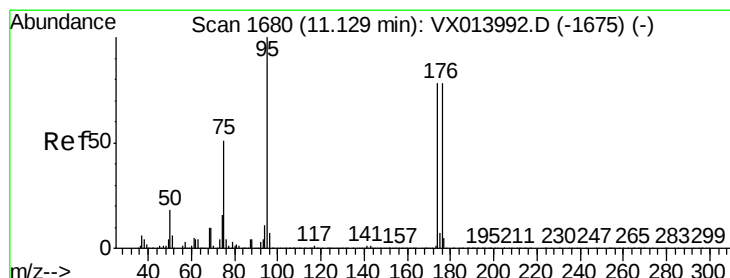
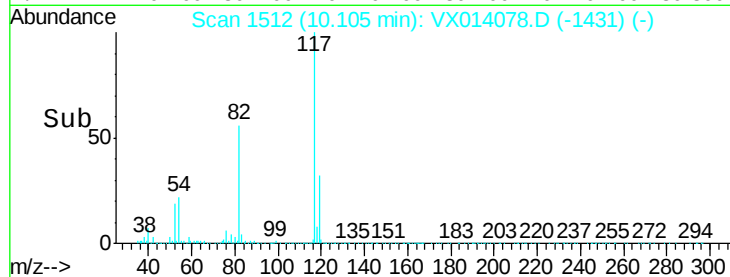
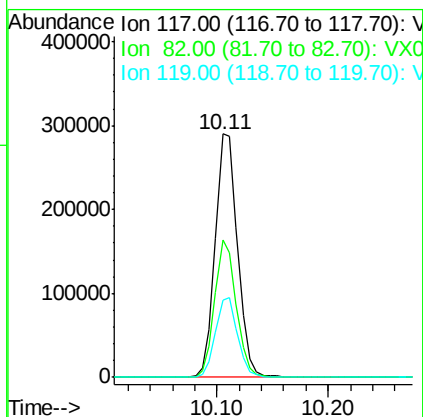
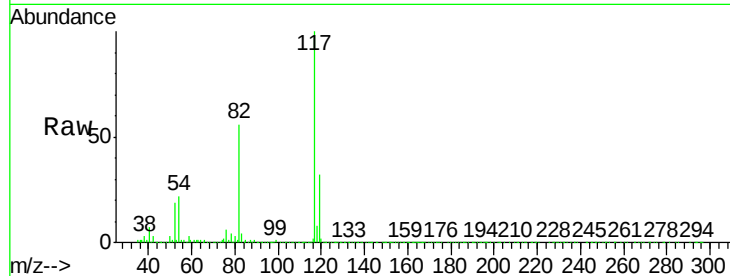




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014078.D
Acq: 18 Dec 2019 03:24

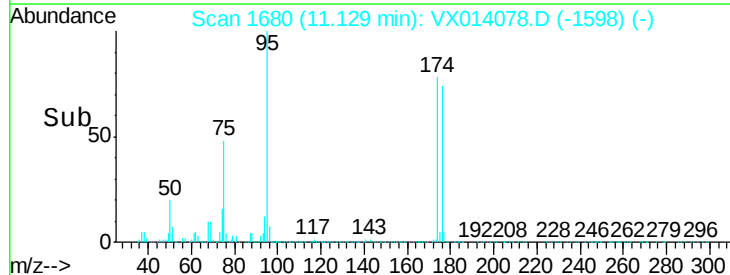
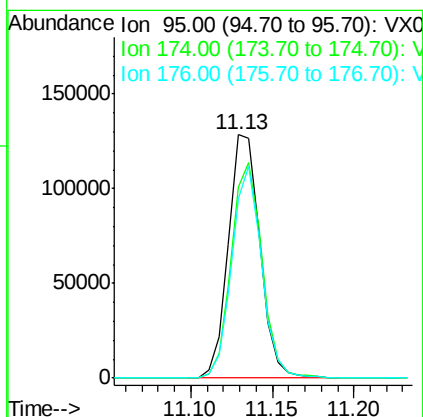
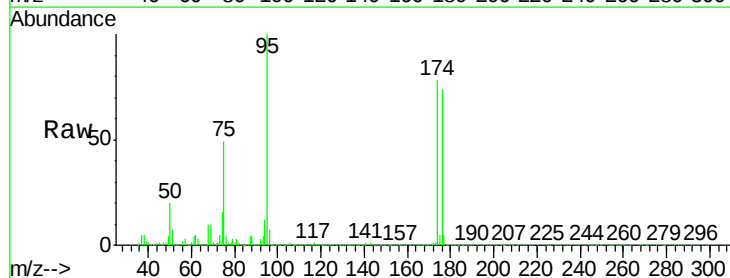
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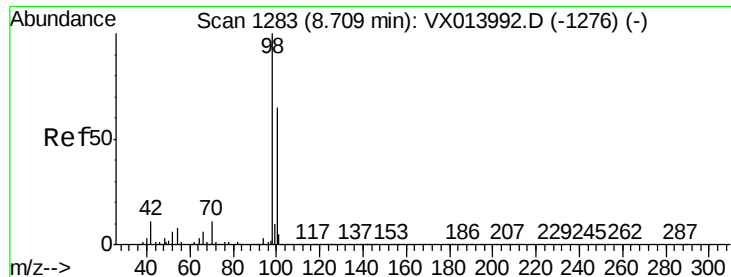
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.6
119	32.4	25.8	38.6



#60
4-Bromofluorobenzene
Concen: 26.417 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014078.D
Acq: 18 Dec 2019 03:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.8	70.2	105.2
176	82.3	68.3	102.5





#63

Toluene-d8

Concen: 31.166 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014078.D

Acq: 18 Dec 2019 03:24

Instrument :

MSVOA_X

ClientSampleId :

TT-015-IDW/GW-20191216

Tot Ion: 98 Resp: 562626

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2

