

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014080.D
 Acq On : 18 Dec 2019 04:10
 Operator : JC/SP
 Sample : K6352-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-24

Quant Time: Dec 18 08:28:34 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	81899	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	454956	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	396124	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	178722	30.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.57%
60) 4-Bromofluorobenzene	11.14	95	173330	27.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.33%
63) Toluene-d8	8.71	98	536666	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

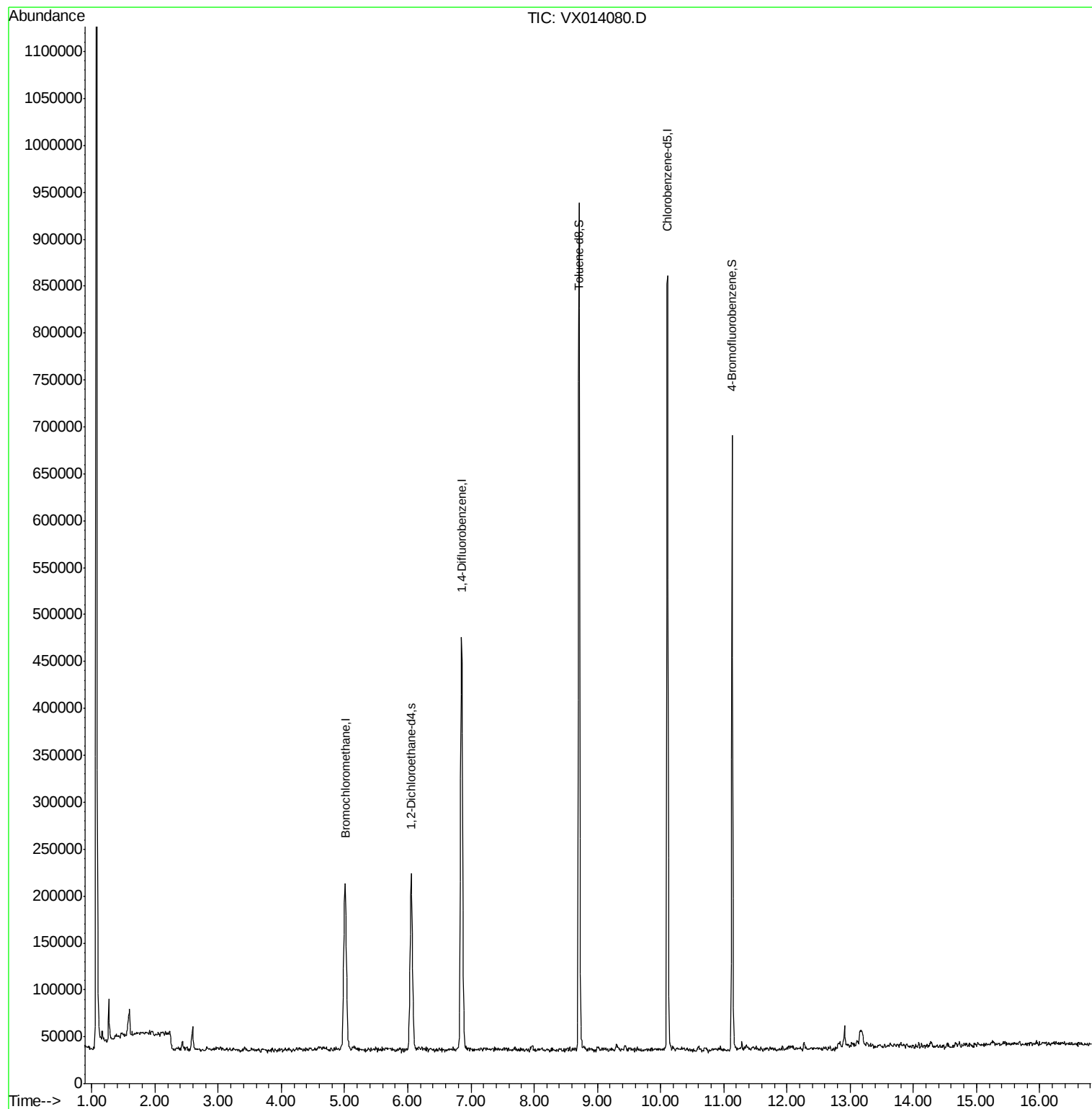
Target Compounds	Ovalue

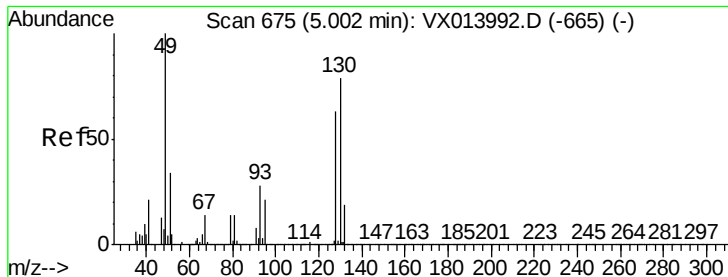
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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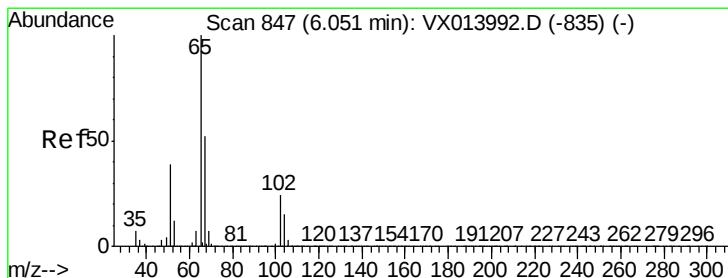
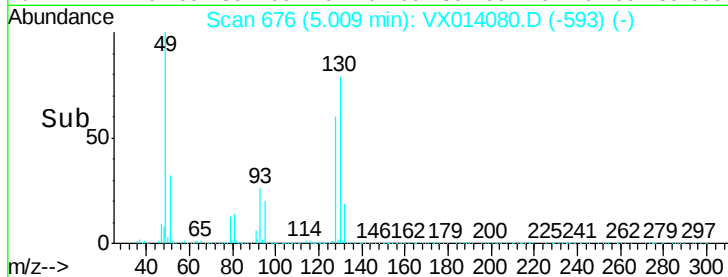
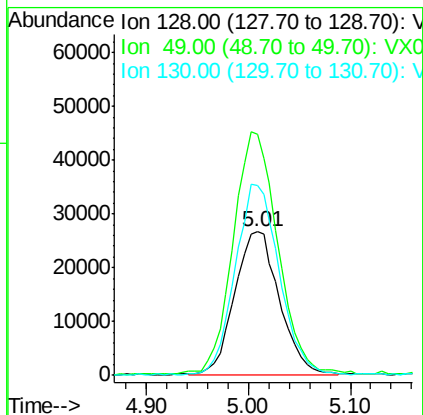
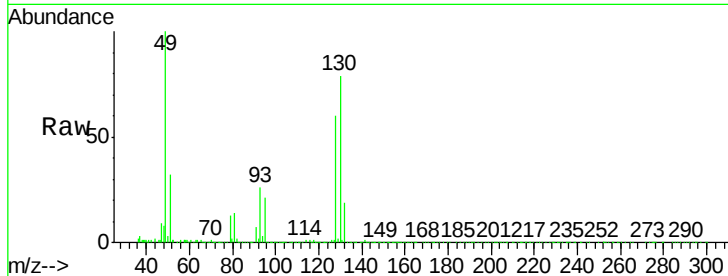


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014080.D
 Acq: 18 Dec 2019 04:10

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-24

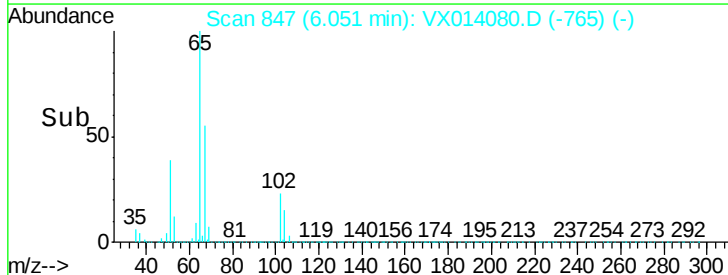
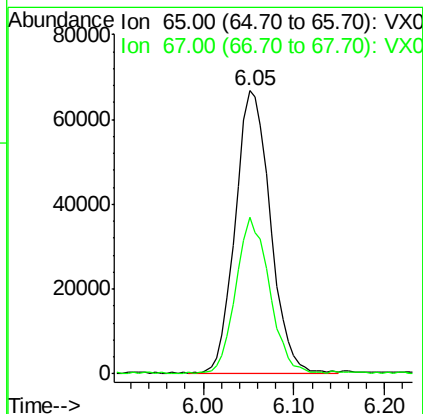
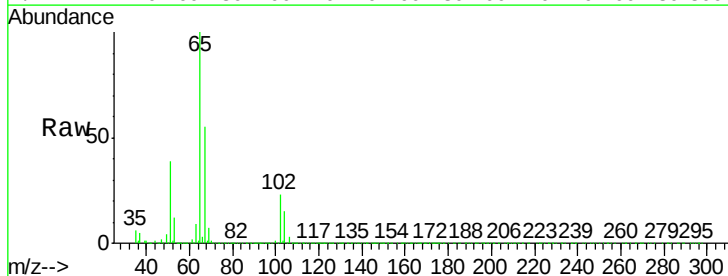
Tot Ion:128 Resp: 81899
 Ion Ratio Lower Upper
 128 100
 49 160.3 0.0 405.0
 130 130.7 0.0 321.5

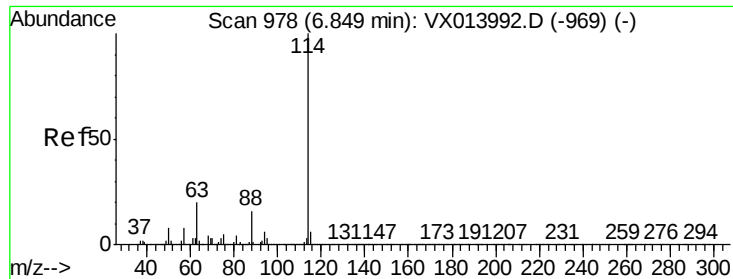


#27

1,2-Dichloroethane-d4
 Concen: 30.471 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014080.D
 Acq: 18 Dec 2019 04:10

Tgt Ion: 65 Resp: 178722
 Ion Ratio Lower Upper
 65 100
 67 52.7 43.1 64.7

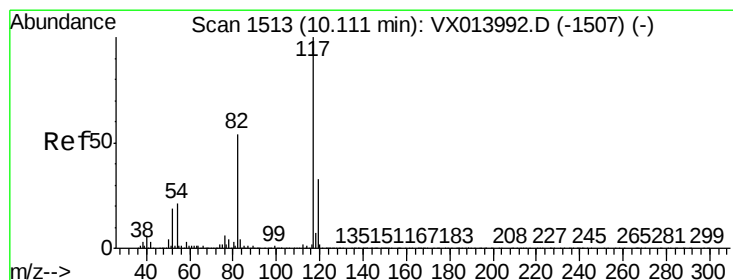
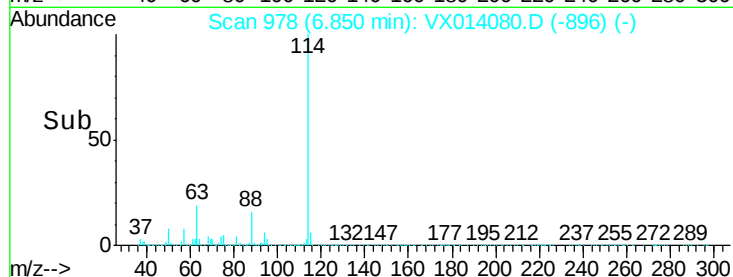
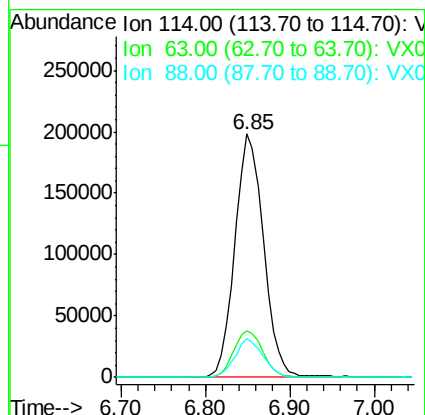
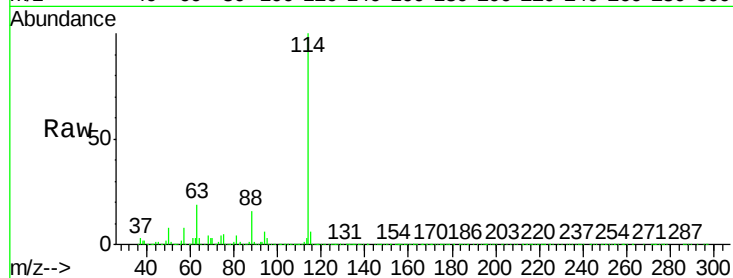




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014080.D
Acq: 18 Dec 2019 04:10

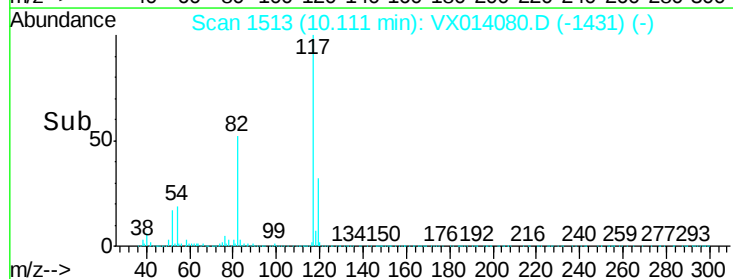
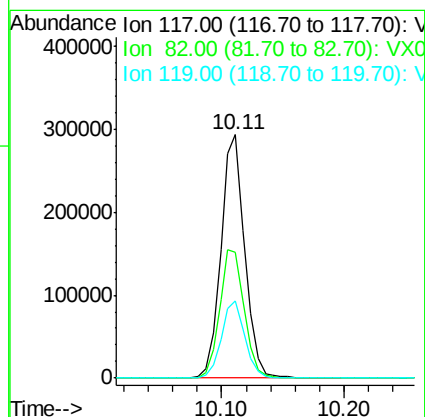
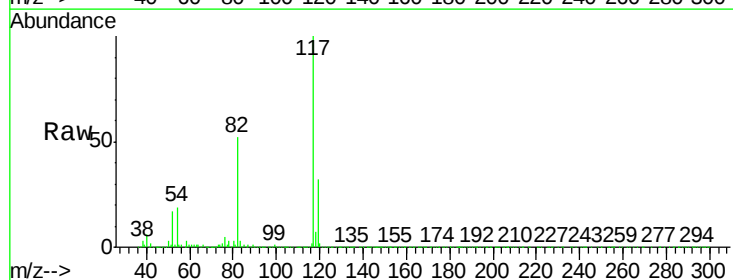
Instrument :
MSVOA_X
ClientSampled :
55-ST-24

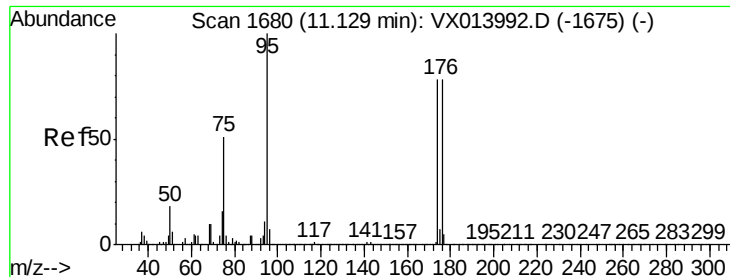
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	16.1	24.1
88	15.6	12.5	18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014080.D
Acq: 18 Dec 2019 04:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.6
119	31.1	25.8	38.6





#60

4-Bromofluorobenzene

Concen: 27.097 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014080.D

Acq: 18 Dec 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

55-ST-24

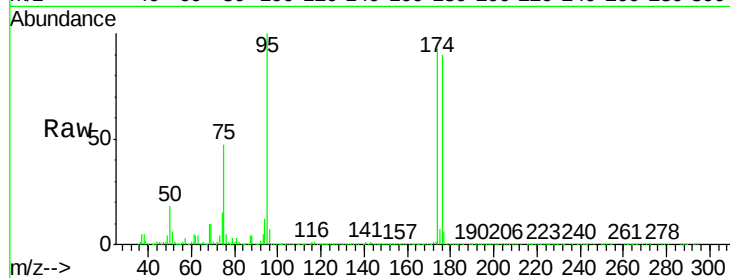
Tot Ion: 95 Resp: 173330

Ion Ratio Lower Upper

95 100

174 88.0 70.2 105.2

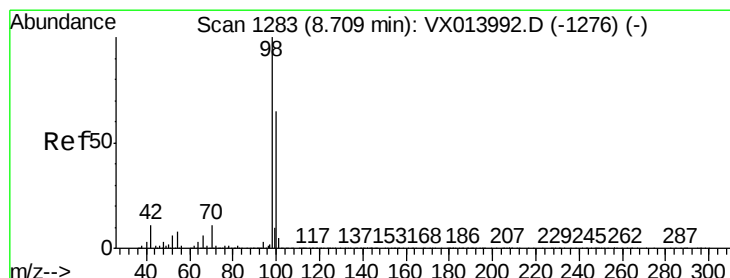
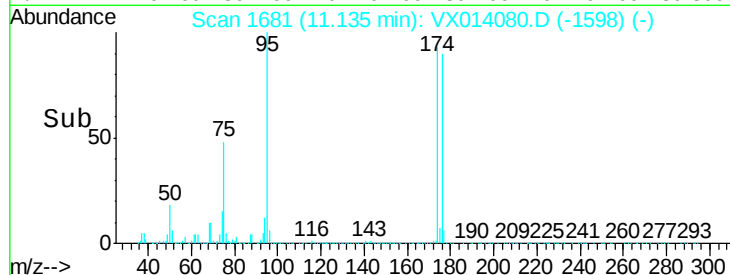
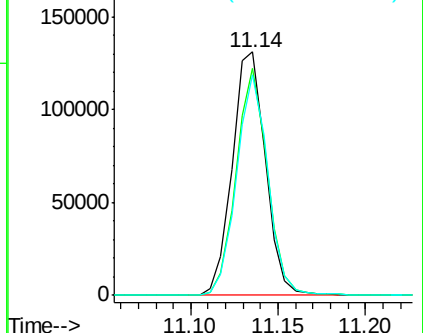
176 85.5 68.3 102.5



Abundance Ion 95.00 (94.70 to 95.70): VX013992.D (-1675) (-)

Ion 174.00 (173.70 to 174.70): VX013992.D (-1675) (-)

Ion 176.00 (175.70 to 176.70): VX013992.D (-1675) (-)



#63

Toluene-d8

Concen: 30.309 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014080.D

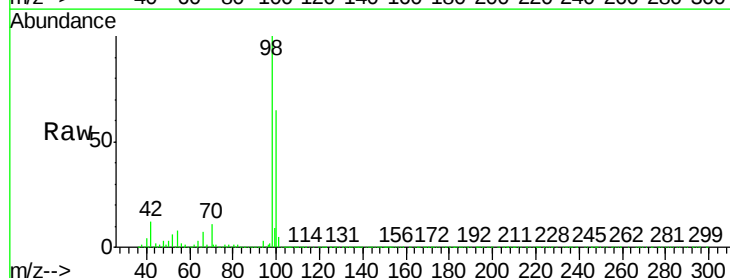
Acq: 18 Dec 2019 04:10

Tgt Ion: 98 Resp: 536666

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX013992.D (-1276) (-)

Ion 100.00 (99.70 to 100.70): VX013992.D (-1276) (-)

