

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012075.D
 Acq On : 05 Sep 2019 02:53
 Operator : SY/SP
 Sample : K4545-07
 Misc : 3.68g/5.0mL/MSVOA X/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E4-(2.25)

Quant Time: Sep 05 06:09:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

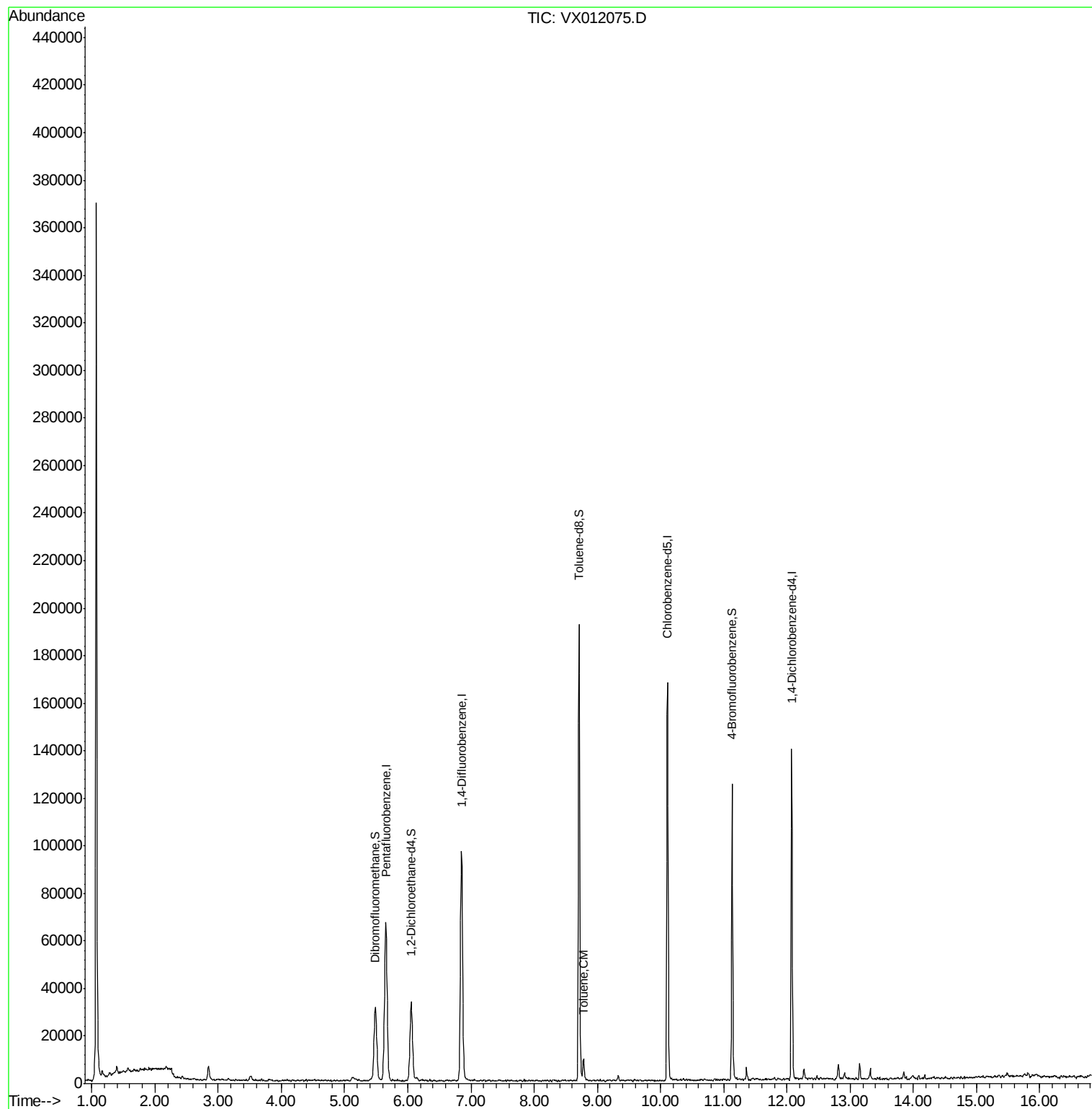
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	56747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	92838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	72672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	25777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	34388	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	
35) Dibromofluoromethane	5.49	113	27491	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	8.71	98	108495	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.14	95	36282	37.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.48%	
Target Compounds						
52) Toluene	8.78	92	3006	1.968	ug/l	Qvalue 87

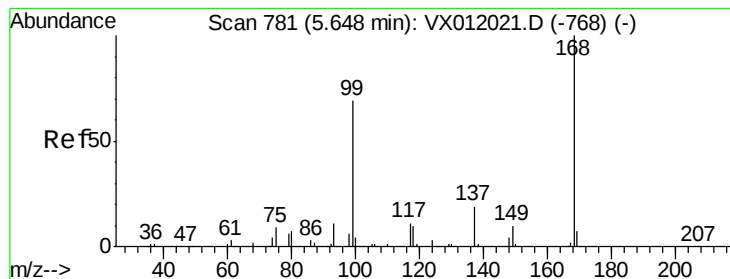
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012075.D

Acq: 05 Sep 2019 02:53

Instrument :

MSVOA_X

ClientSampleId :

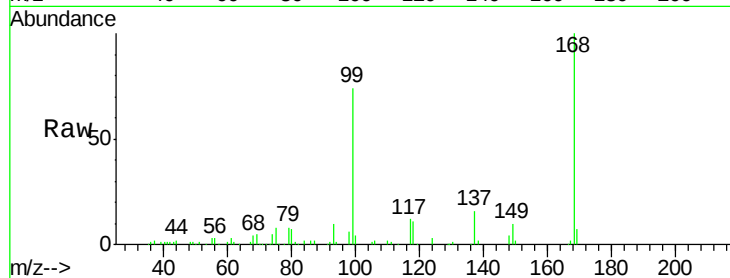
T16-17-E4-(2.25)

Tot Ion:168 Resp: 56747

Ion Ratio Lower Upper

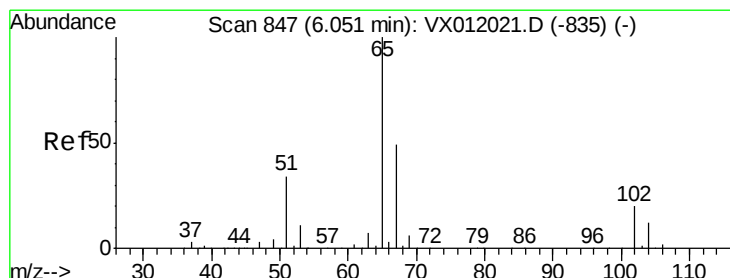
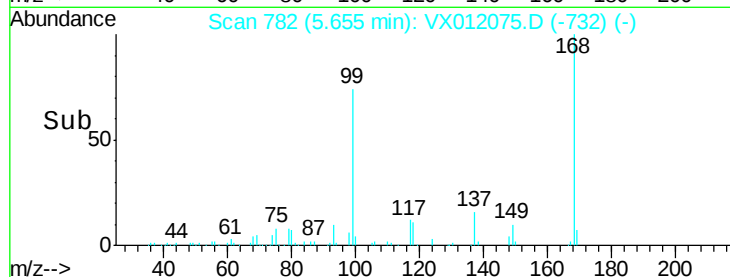
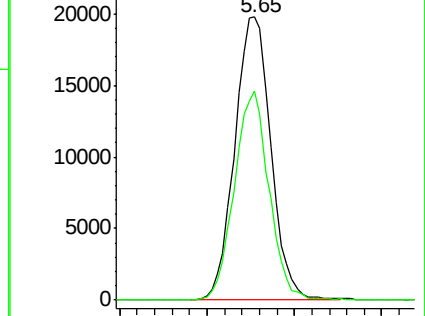
168 100

99 73.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 43.918 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012075.D

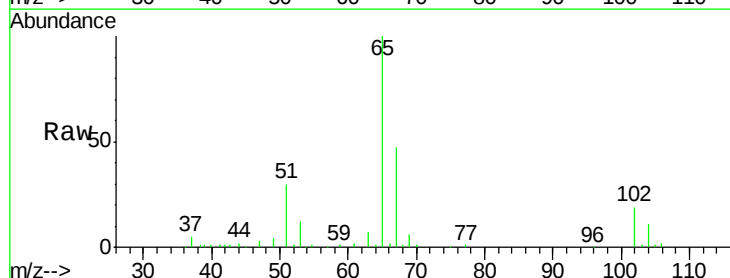
Acq: 05 Sep 2019 02:53

Tgt Ion: 65 Resp: 34388

Ion Ratio Lower Upper

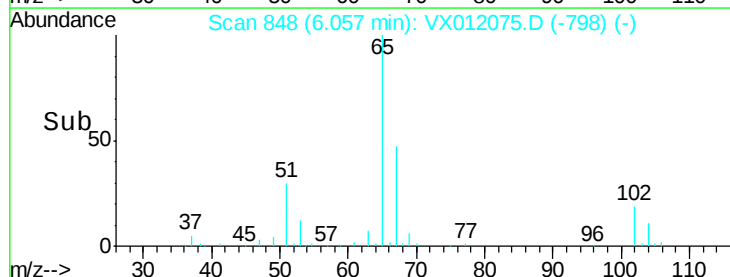
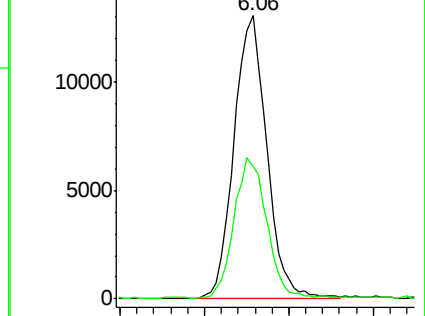
65 100

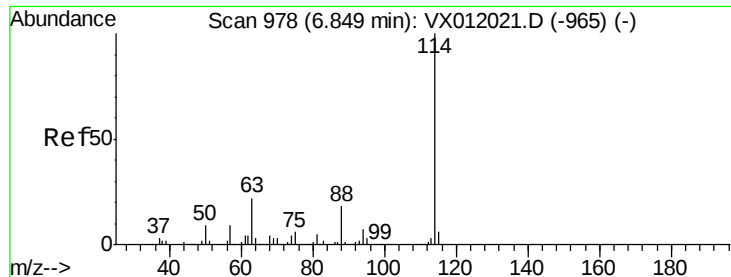
67 49.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012075.D

Acq: 05 Sep 2019 02:53

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E4-(2.25)

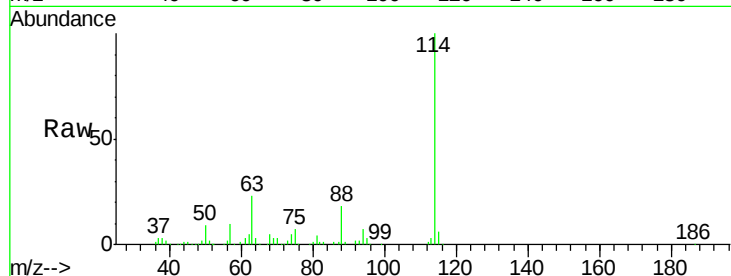
Tot Ion:114 Resp: 92838

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.4

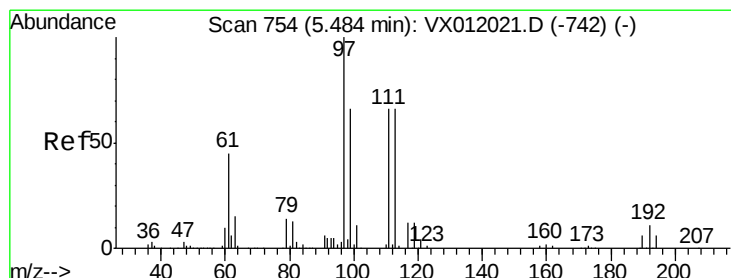
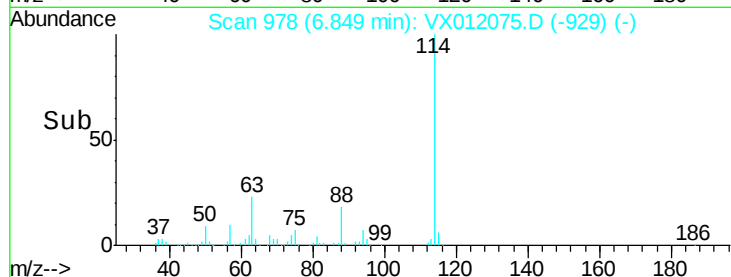
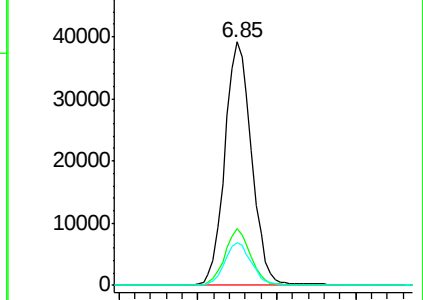
88 17.6 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.152 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012075.D

Acq: 05 Sep 2019 02:53

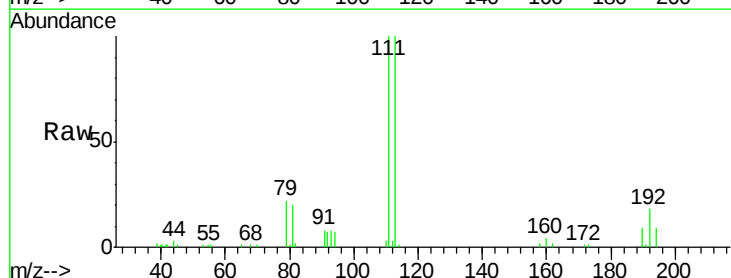
Tgt Ion:113 Resp: 27491

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

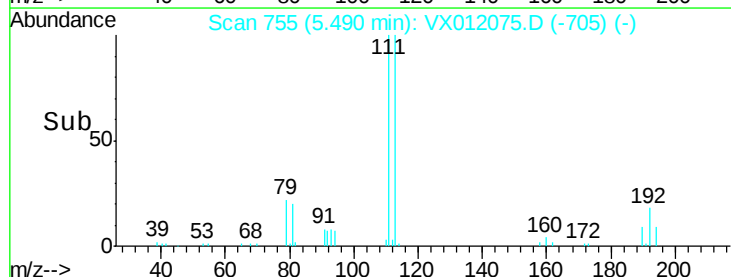
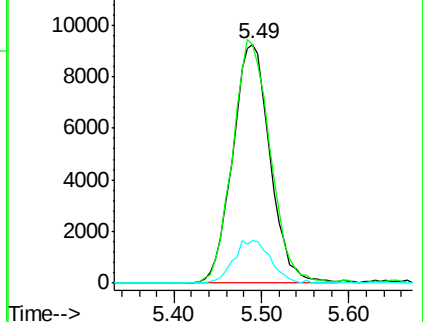
192 17.7 22.5 33.7#

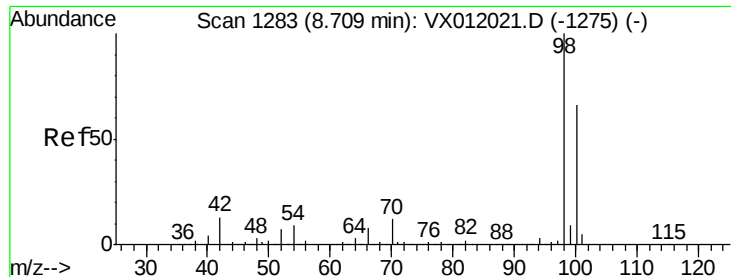


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

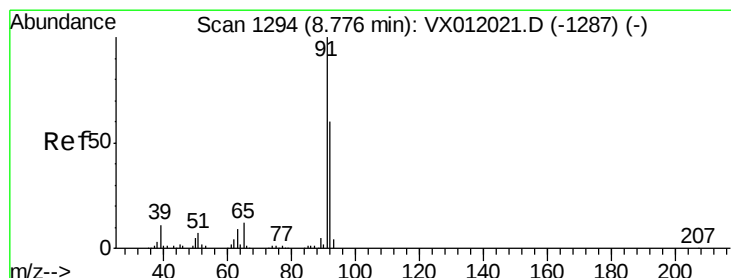
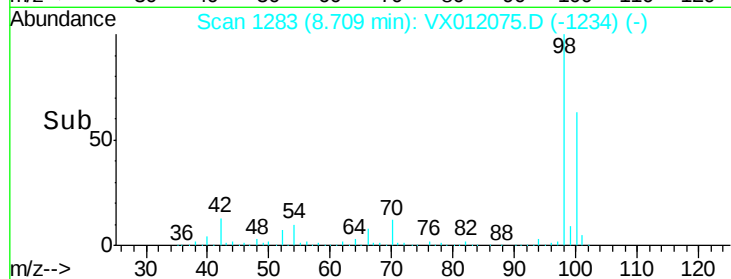
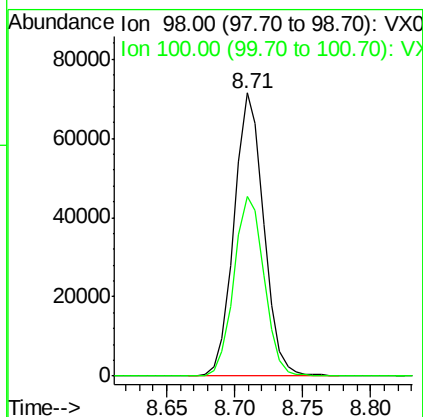
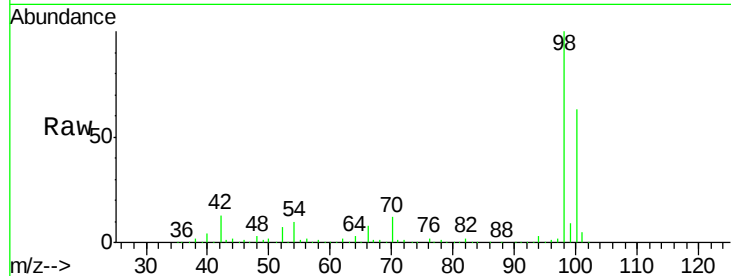




#50
Toluene-d8
Concen: 51.787 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012075.D
Acq: 05 Sep 2019 02:53

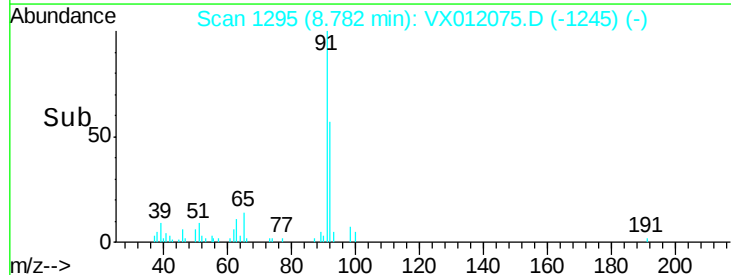
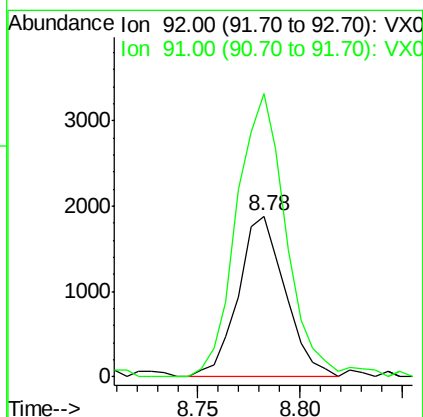
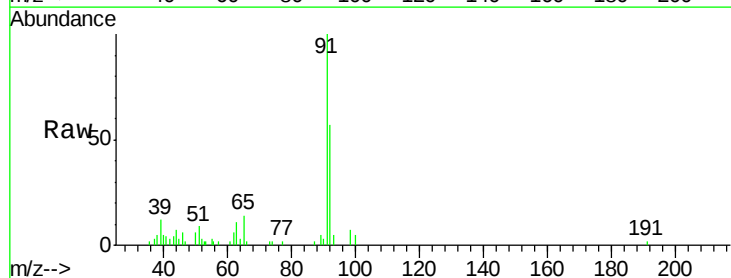
Instrument :
MSVOA_X
ClientSampleId :
T16-17-E4-(2.25)

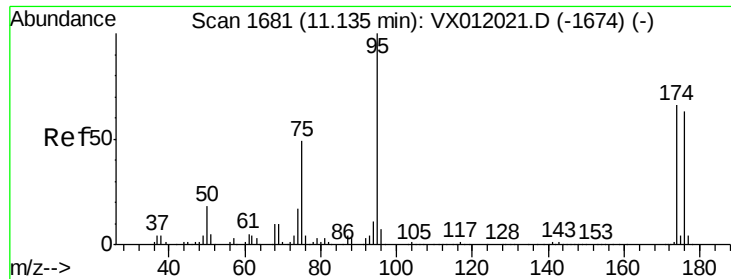
Tot Ion: 98 Resp: 108495
Ion Ratio Lower Upper
98 100
100 64.6 53.3 79.9



#52
Toluene
Concen: 1.968 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX012075.D
Acq: 05 Sep 2019 02:53

Tgt Ion: 92 Resp: 3006
Ion Ratio Lower Upper
92 100
91 187.8 136.0 204.0

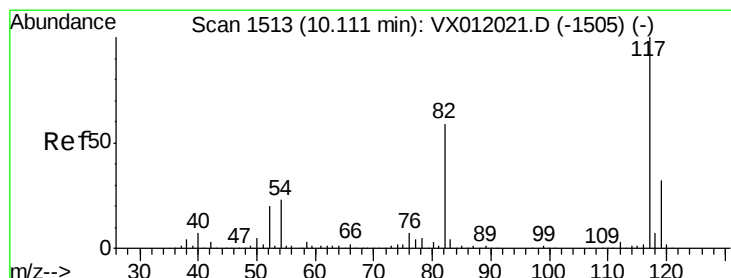
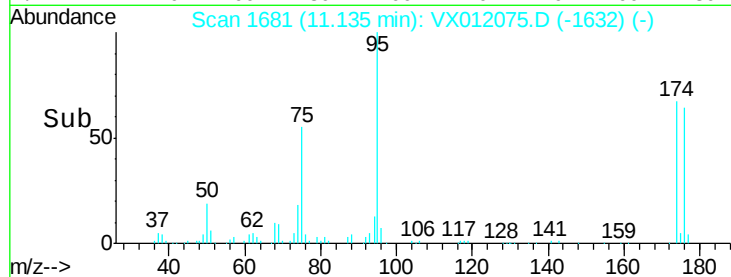
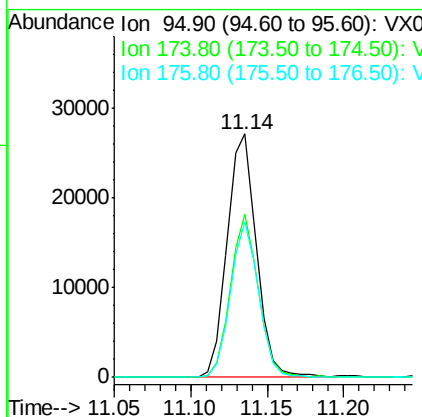
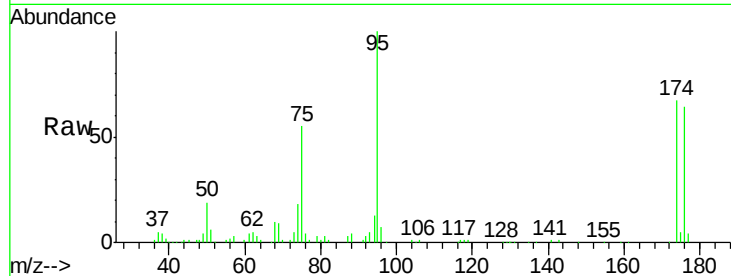




#62
 4-Bromofluorobenzene
 Concen: 37.238 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012075.D
 Acq: 05 Sep 2019 02:53

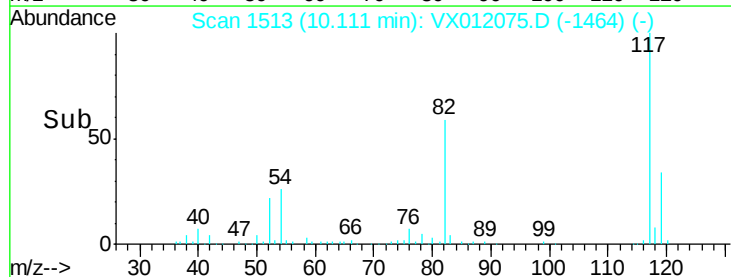
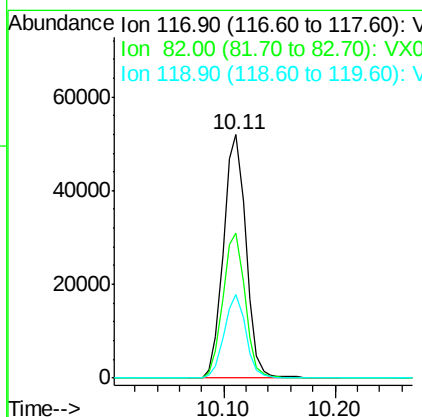
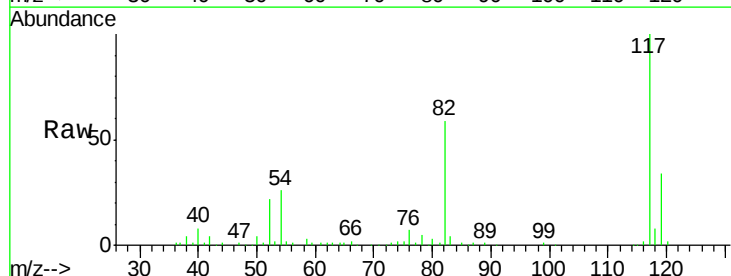
Instrument :
 MSVOA_X
 ClientSampled :
 T16-17-E4-(2.25)

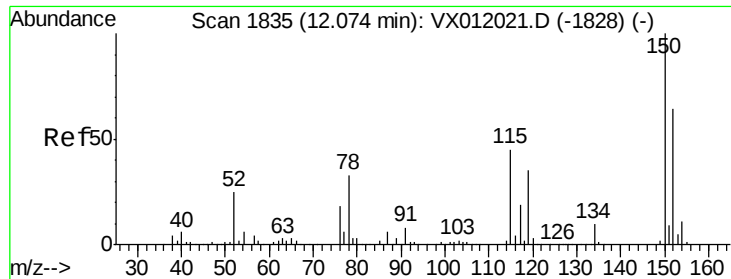
Tot Ion: 95 Resp: 36282
 Ion Ratio Lower Upper
 95 100
 174 63.5 0.0 205.4
 176 60.6 0.0 201.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VX012075.D
 Acq: 05 Sep 2019 02:53

Tgt Ion: 117 Resp: 72672
 Ion Ratio Lower Upper
 117 100
 82 59.4 39.4 59.0#
 119 34.2 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012075.D

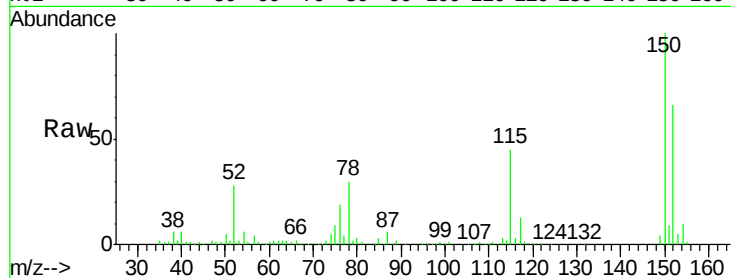
Acq: 05 Sep 2019 02:53

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E4-(2.25)



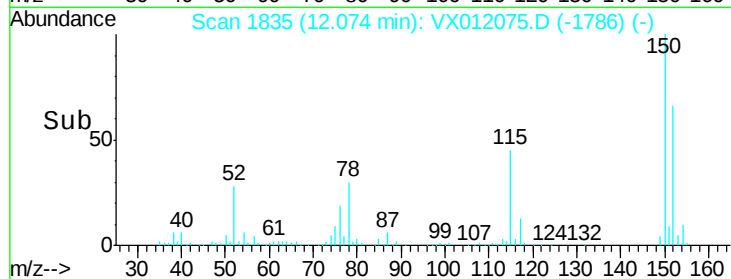
Tot Ion:152 Resp: 25777

Ion Ratio Lower Upper

152 100

115 67.6 36.4 109.3

150 152.2 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

