

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012063.D
 Acq On : 04 Sep 2019 20:26
 Operator : SY/SP
 Sample : K4545-01
 Misc : 4.73g/5.0mL/MSVOA X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E2-(0)

Quant Time: Sep 05 05:49:05 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

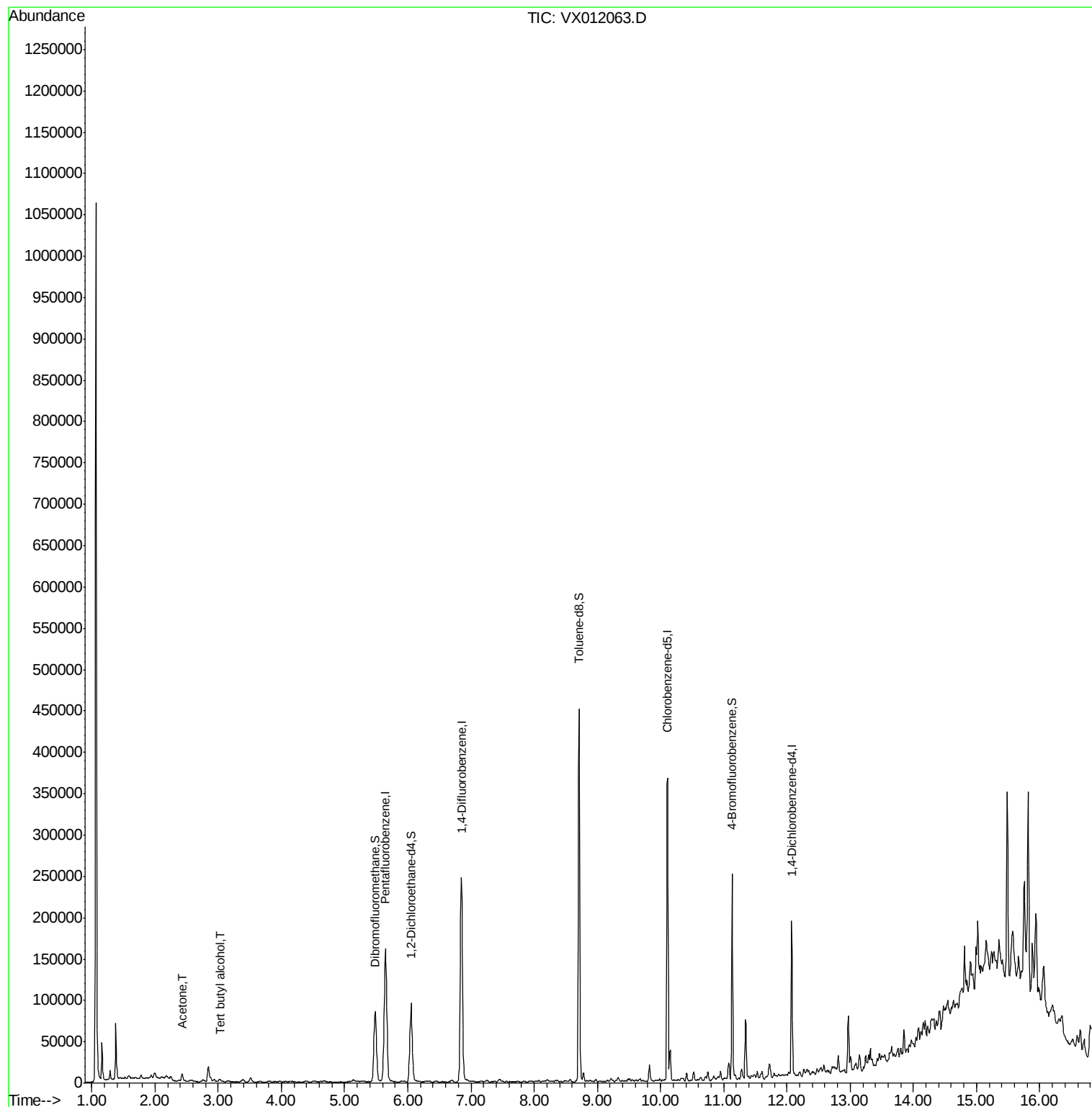
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	238468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	161720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	33554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	93459	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	5.48	113	71826	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	8.71	98	253802	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.13	95	69148	27.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.26%	
Target Compounds						
11) Tert butyl alcohol	3.02	59	3731	20.493	ug/l #	77
16) Acetone	2.43	43	10478	23.127	ug/l	100

(#) = 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
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Acq: 04 Sep 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

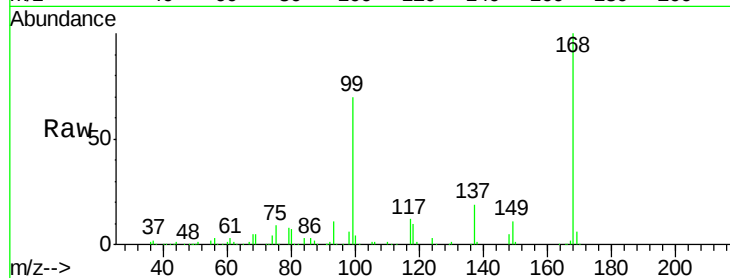
T16-17-E2-(0)

Tot Ion:168 Resp: 137373

Ion Ratio Lower Upper

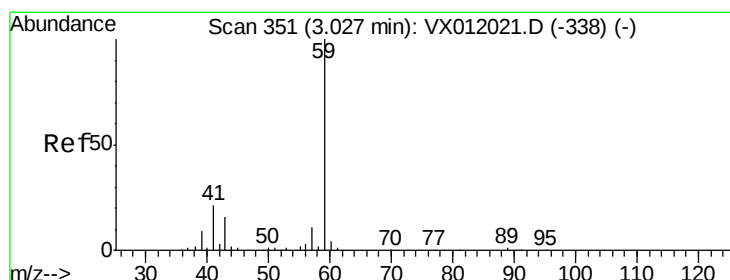
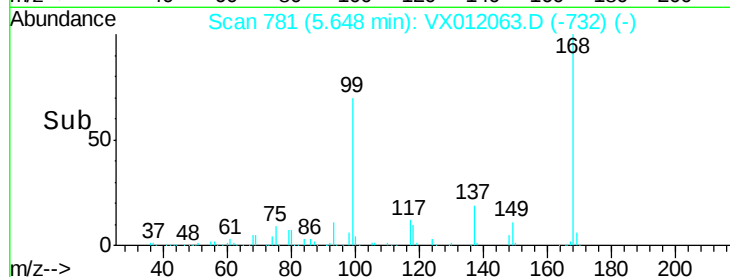
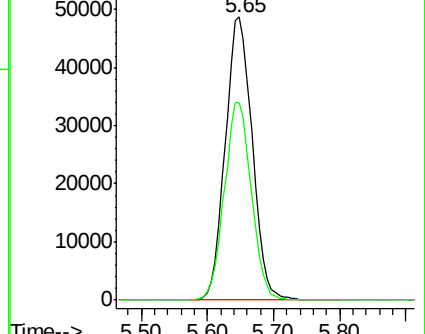
168 100

99 69.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 20.493 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX012063.D

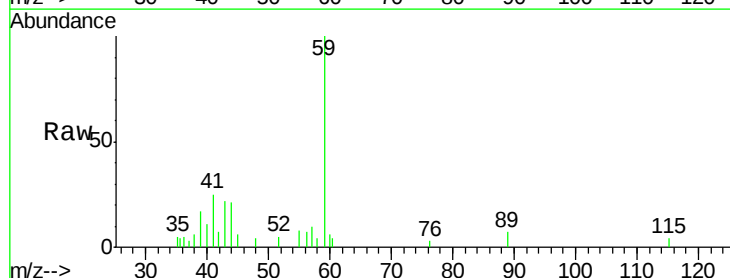
Acq: 04 Sep 2019 20:26

Tgt Ion: 59 Resp: 3731

Ion Ratio Lower Upper

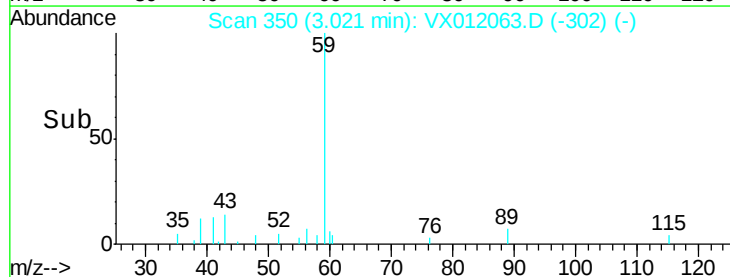
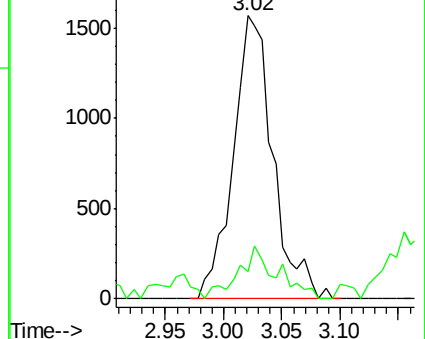
59 100

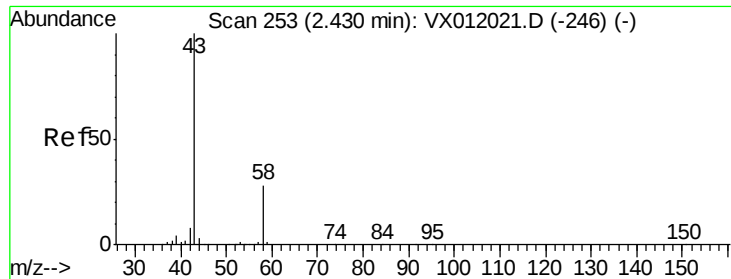
57 18.3 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 23.127 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012063.D

Acq: 04 Sep 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

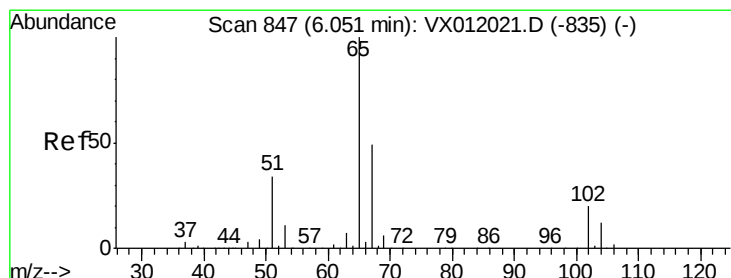
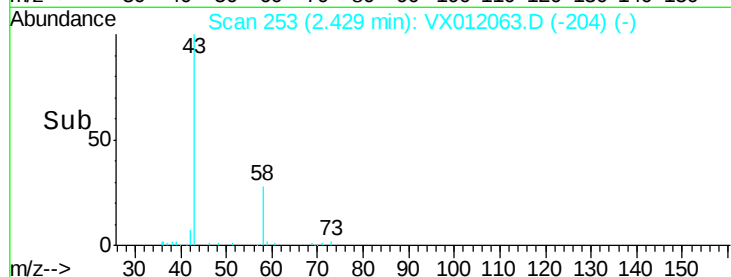
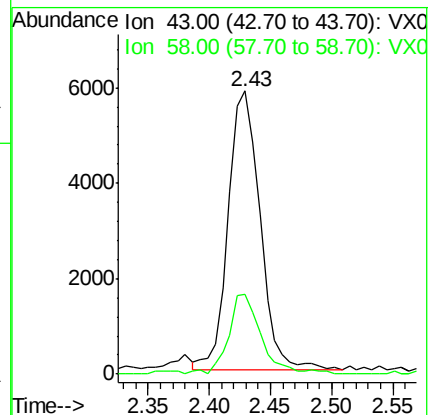
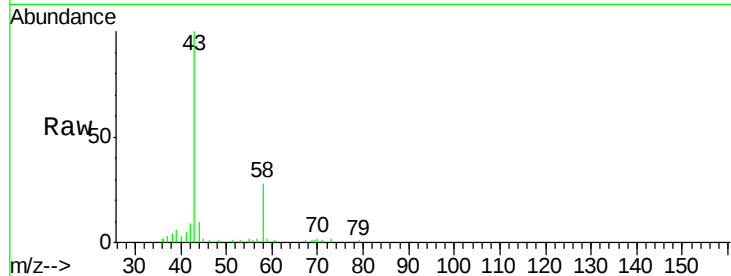
T16-17-E2-(0)

Tot Ion: 43 Resp: 10478

Ion Ratio Lower Upper

43 100

58 28.7 22.8 34.2



#33

1,2-Dichloroethane-d4

Concen: 49.306 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012063.D

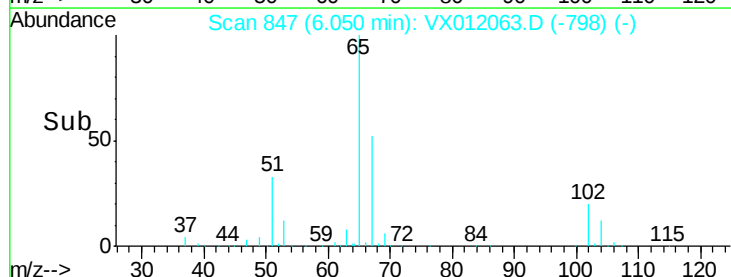
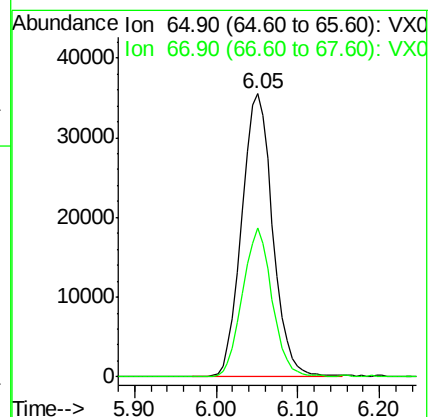
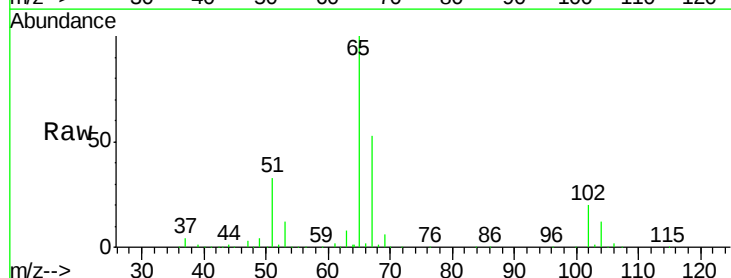
Acq: 04 Sep 2019 20:26

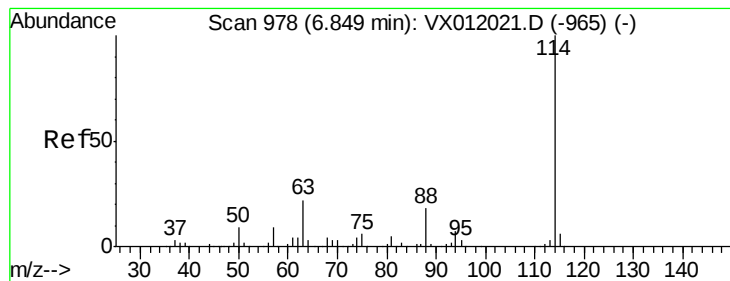
Tgt Ion: 65 Resp: 93459

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012063.D

Acq: 04 Sep 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

T16-17-E2-(0)

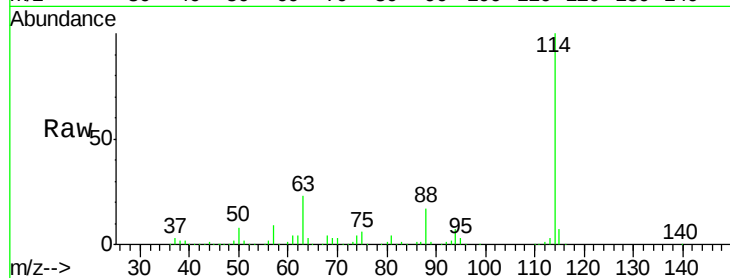
Tot Ion:114 Resp: 238468

Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.4

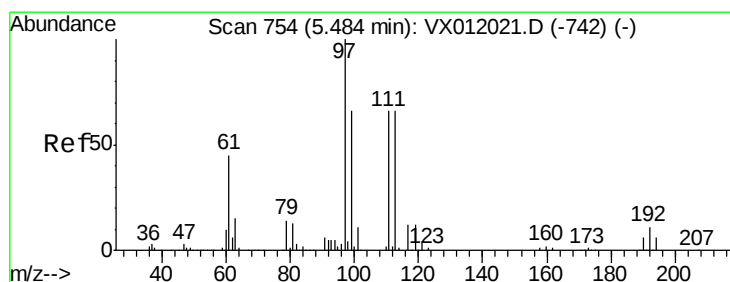
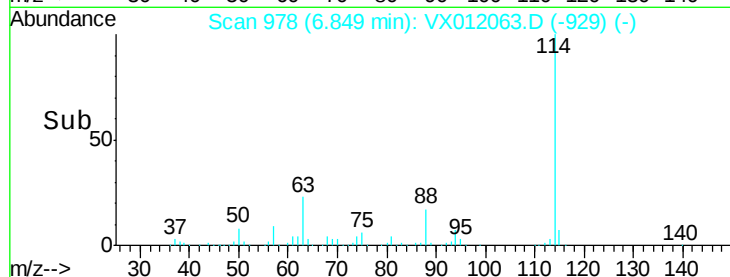
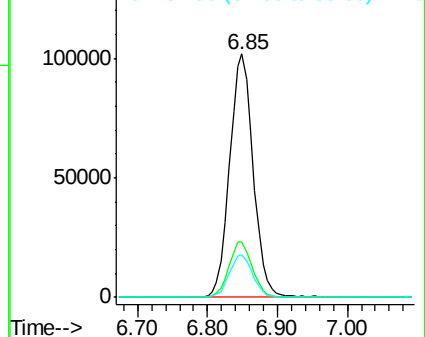
88 17.3 0.0 29.6



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: 48.978 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012063.D

Acq: 04 Sep 2019 20:26

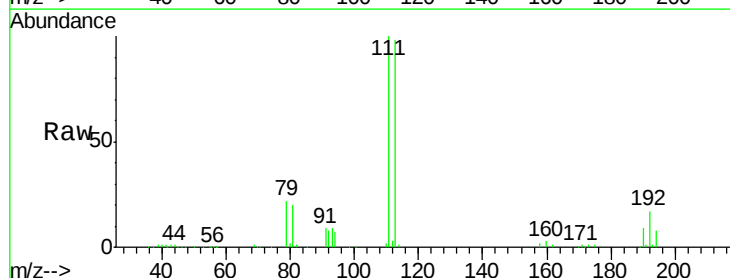
Tgt Ion:113 Resp: 71826

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

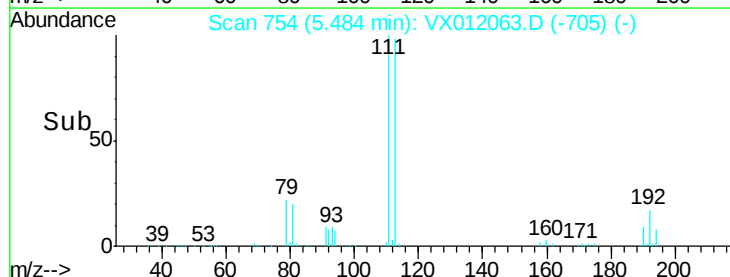
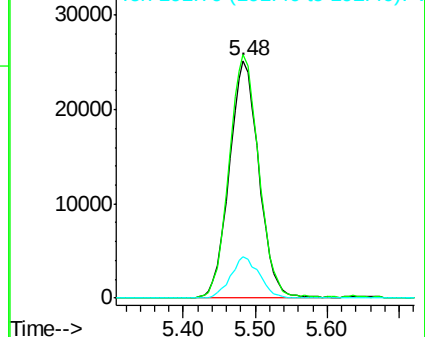
192 16.9 22.5 33.7#

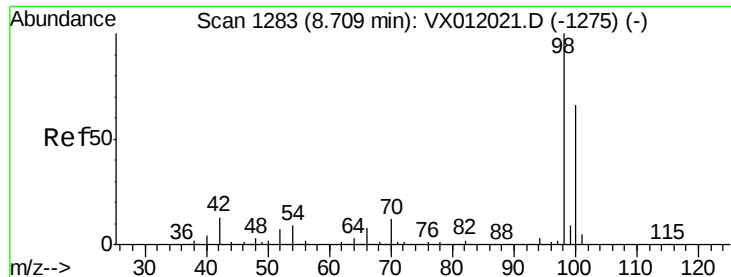


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.163 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012063.D

Acq: 04 Sep 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

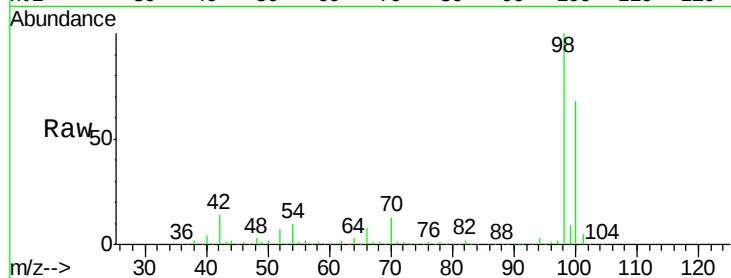
T16-17-E2-(0)

Tot Ion: 98 Resp: 253802

Ion Ratio Lower Upper

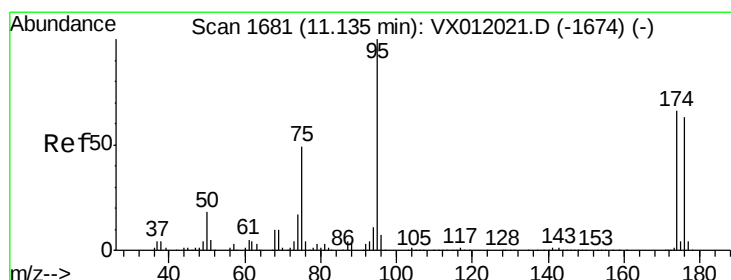
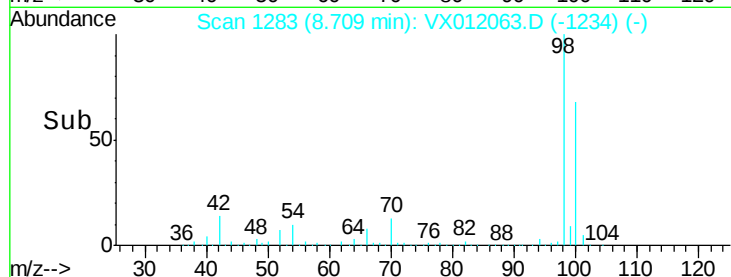
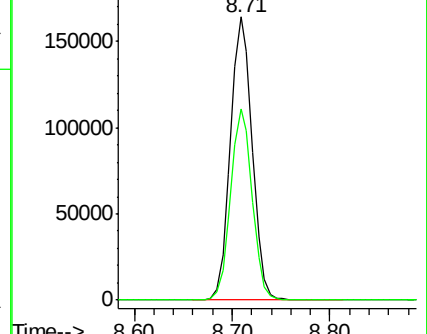
98 100

100 67.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 27.630 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012063.D

Acq: 04 Sep 2019 20:26

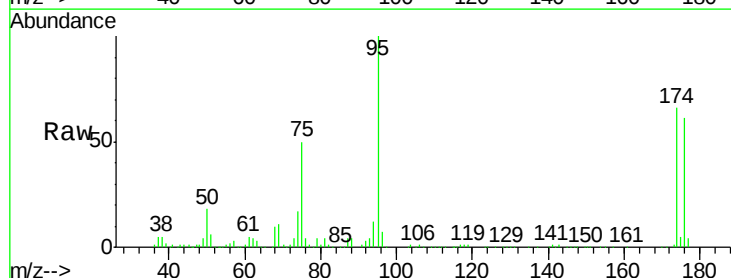
Tgt Ion: 95 Resp: 69148

Ion Ratio Lower Upper

95 100

174 63.1 0.0 205.4

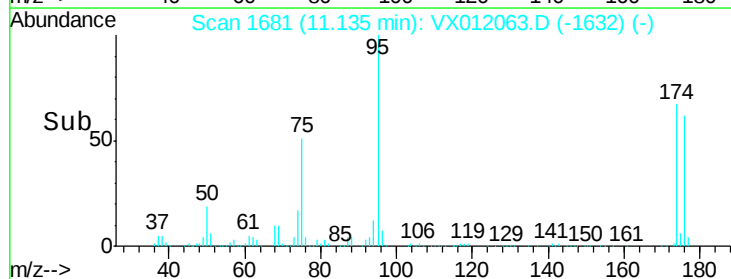
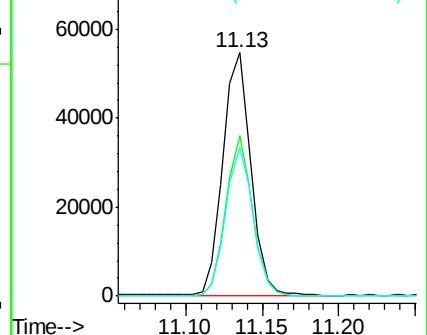
176 60.4 0.0 201.8

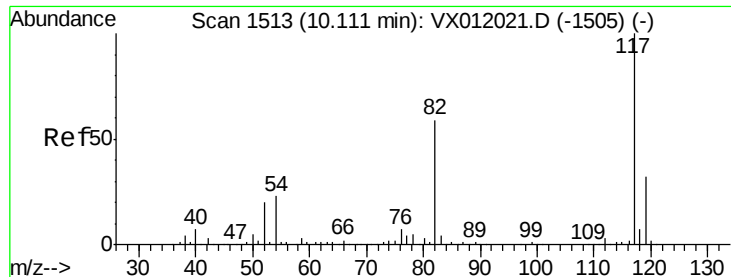


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

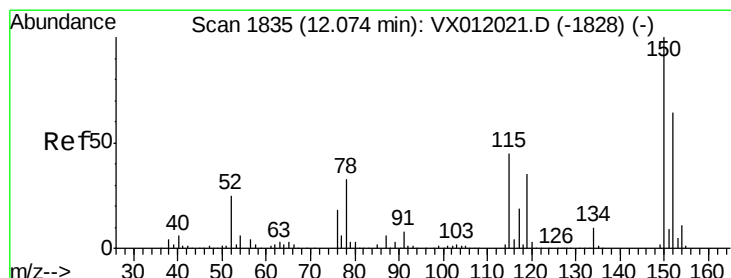
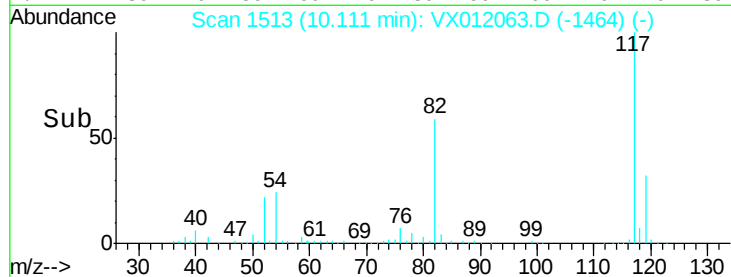
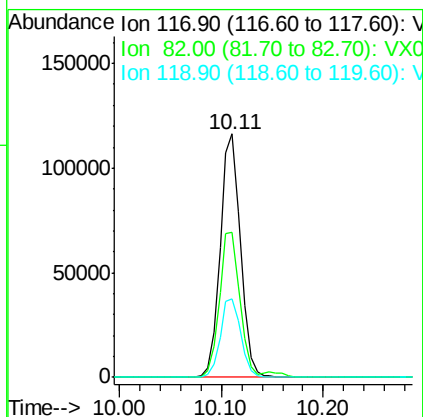
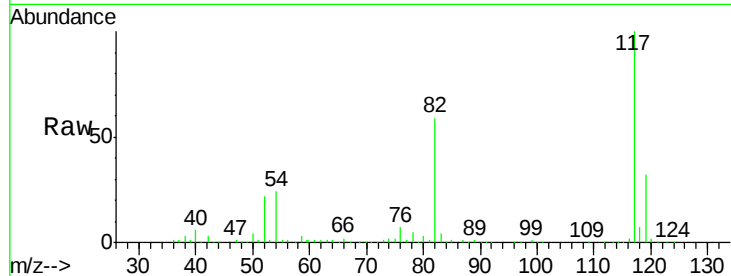




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012063.D
Acq: 04 Sep 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
T16-17-E2-(0)

Tot Ion:117 Resp: 161720
Ion Ratio Lower Upper
117 100
82 59.3 39.4 59.0#
119 32.5 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: VX012063.D
Acq: 04 Sep 2019 20:26

Tgt Ion:152 Resp: 33554
Ion Ratio Lower Upper
152 100
115 69.3 36.4 109.3
150 164.5 0.0 341.2

