

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012032.D
 Acq On : 03 Sep 2019 19:54
 Operator : SY/SP
 Sample : K4546-01
 Misc : 4.98g/5.0mL/MSVOA X/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C1-0)

Quant Time: Sep 04 04:49:13 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

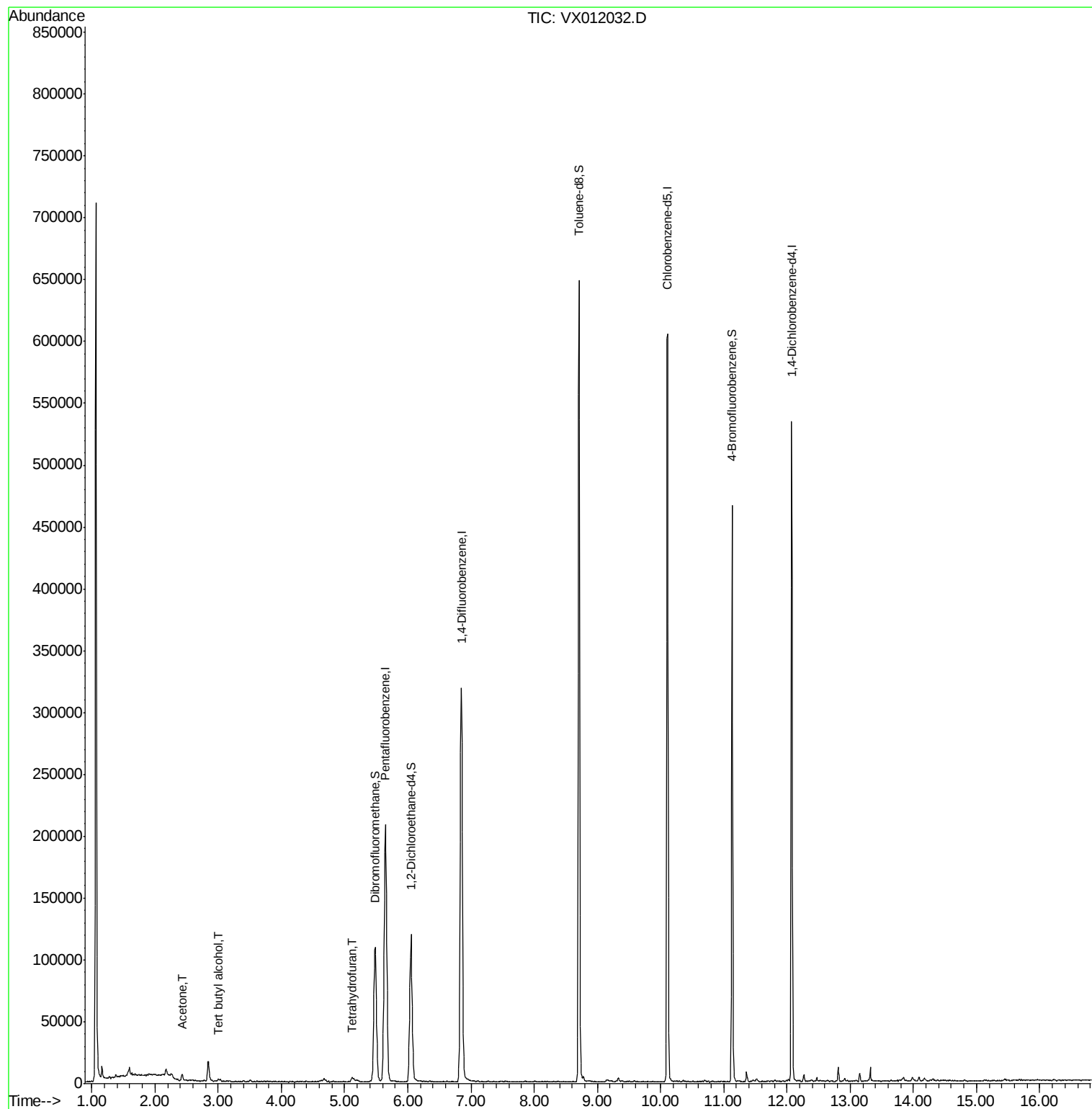
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117930	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	5.48	113	93530	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	8.71	98	370644	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	11.14	95	135002	41.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.00%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	2102	8.883	ug/l #	50
16) Acetone	2.43	43	5699	9.678	ug/l	98
29) Tetrahydrofuran	5.12	42	3107	6.880	ug/l #	32

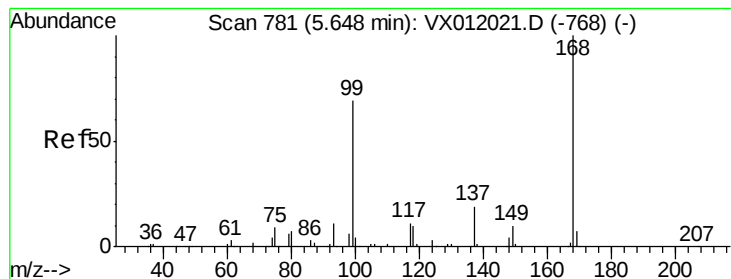
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VX012032.D

Acq: 03 Sep 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

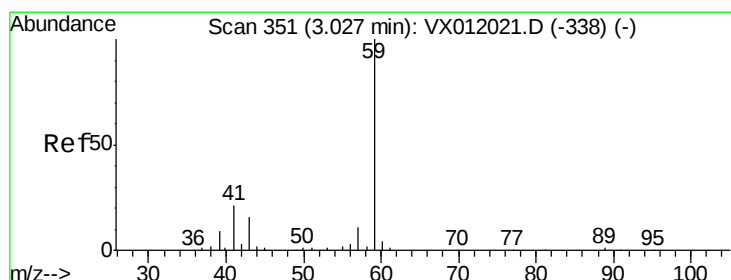
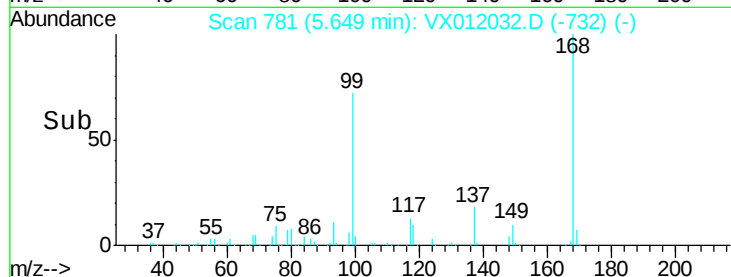
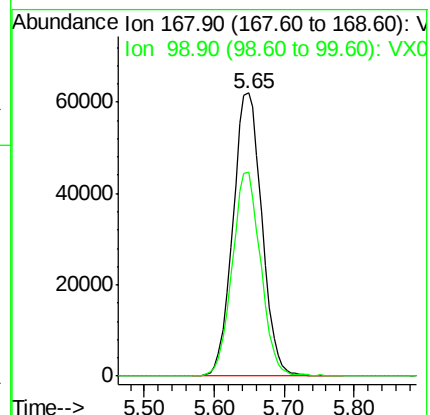
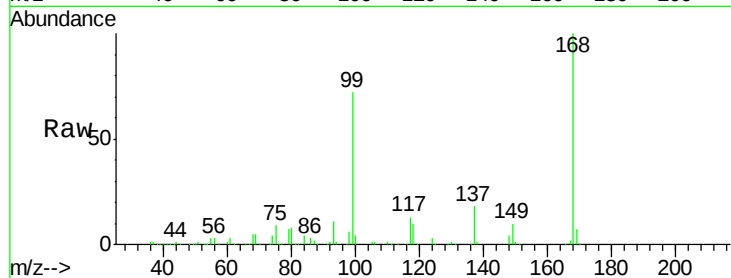
T3-S-C1-(0)

Tot Ion:168 Resp: 178541

Ion Ratio Lower Upper

168 100

99 72.3 37.6 56.4#



#11

Tert butyl alcohol

Concen: 8.883 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.02 min

Lab File: VX012032.D

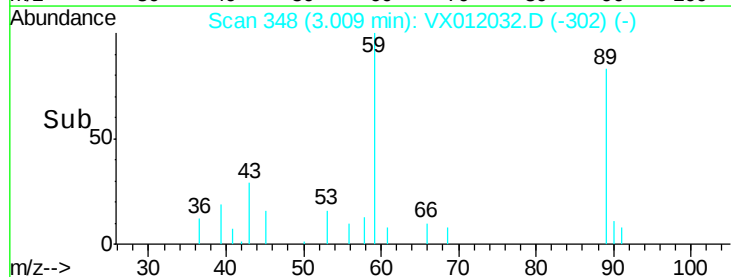
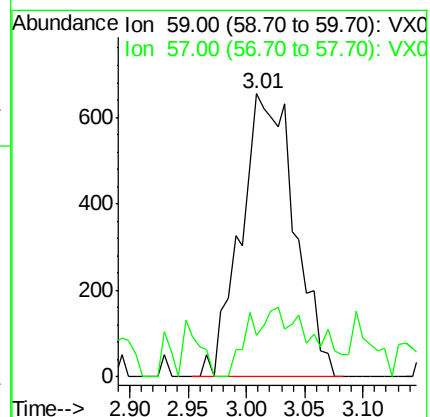
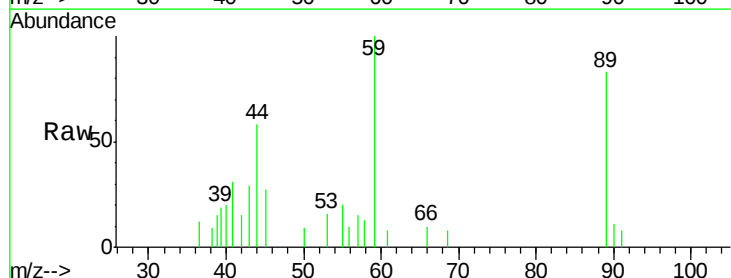
Acq: 03 Sep 2019 19:54

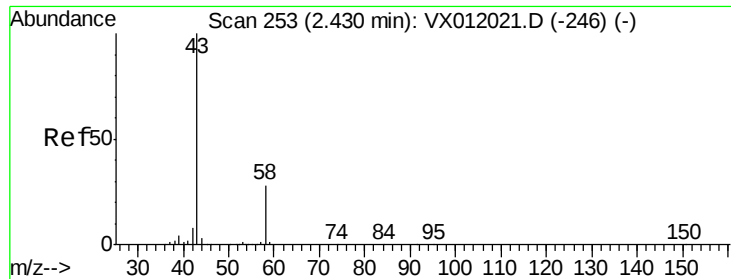
Tgt Ion: 59 Resp: 2102

Ion Ratio Lower Upper

59 100

57 28.5 7.9 11.9#





#16

Acetone

Concen: 9.678 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012032.D

Acq: 03 Sep 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

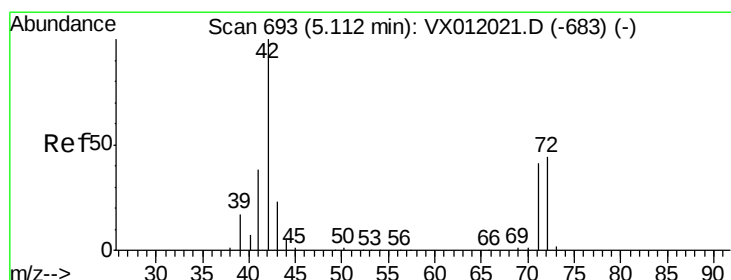
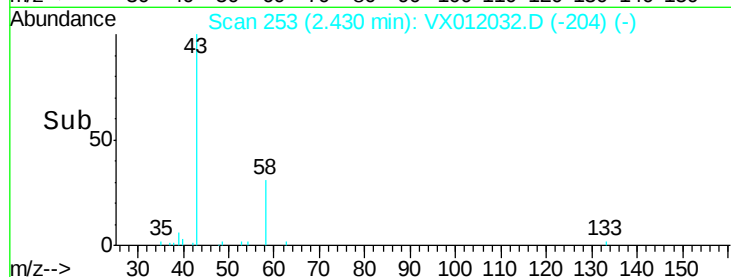
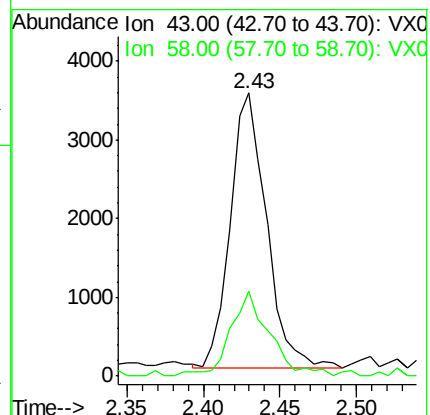
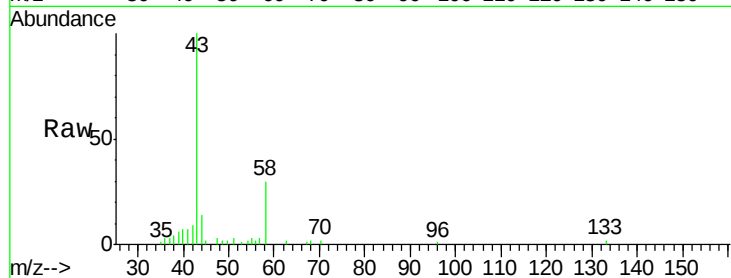
T3-S-C1(0)

Tot Ion: 43 Resp: 5699

Ion Ratio Lower Upper

43 100

58 29.4 22.8 34.2



#29

Tetrahydrofuran

Concen: 6.880 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012032.D

Acq: 03 Sep 2019 19:54

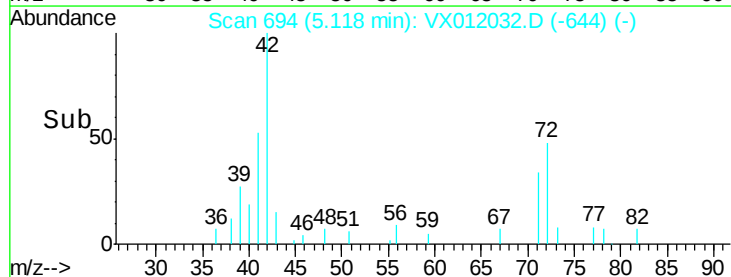
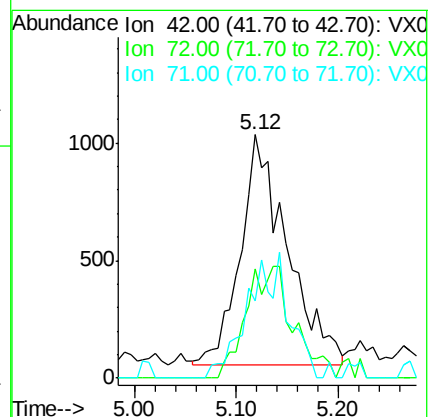
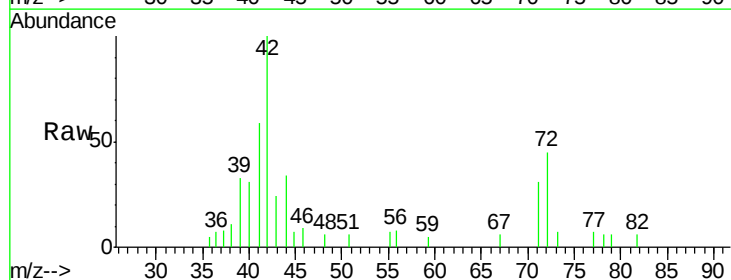
Tgt Ion: 42 Resp: 3107

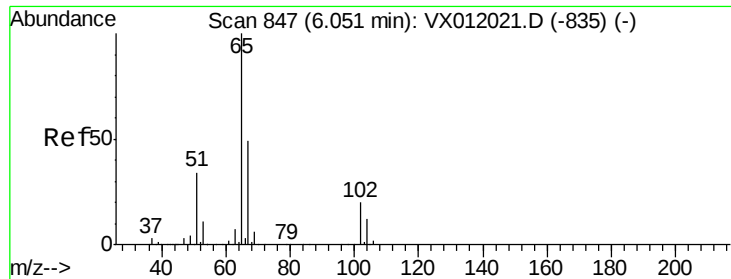
Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.4#

71 0.0 33.8 50.8#

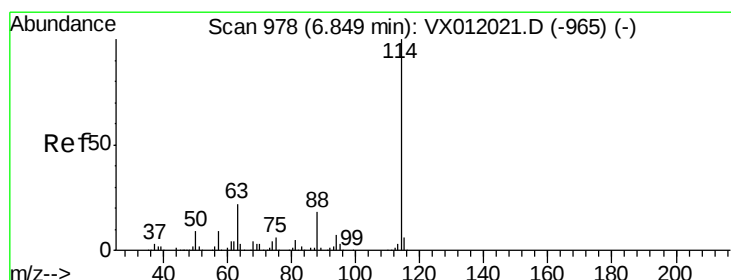
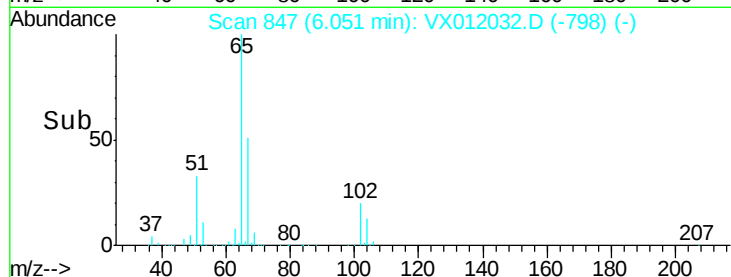
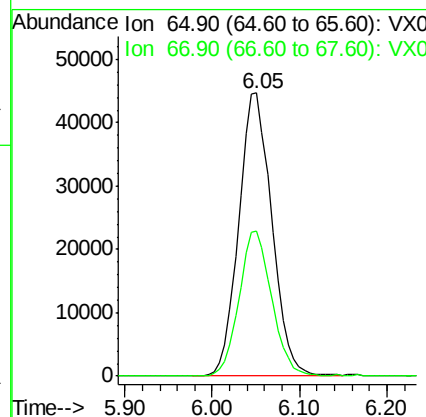
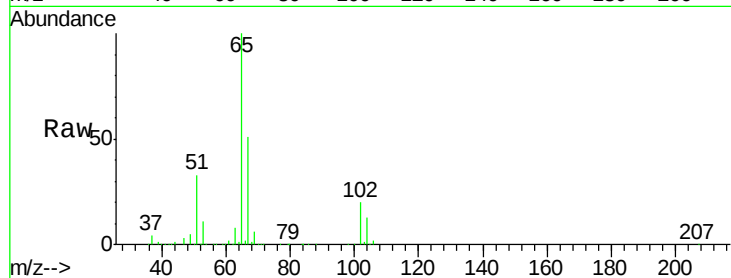




#33
 1,2-Dichloroethane-d4
 Concen: 47.871 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012032.D
 Acq: 03 Sep 2019 19:54

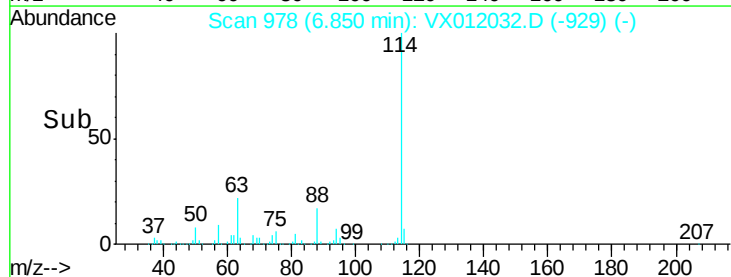
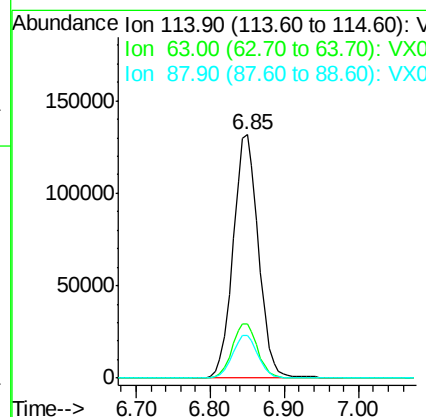
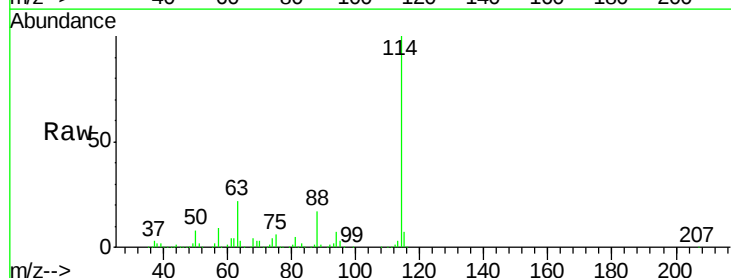
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C1-(0)

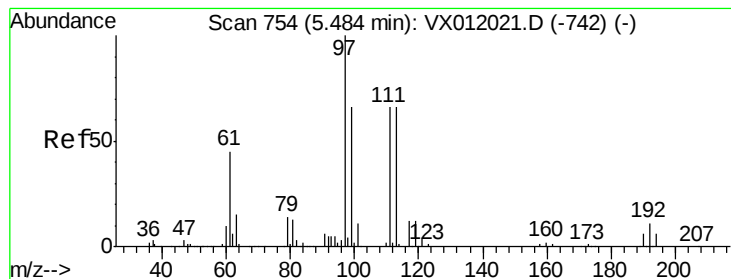
Tot Ion: 65 Resp: 117930
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012032.D
 Acq: 03 Sep 2019 19:54

Tgt Ion: 114 Resp: 313757
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 37.4
 88 17.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.473 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012032.D

Acq: 03 Sep 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C1-(0)

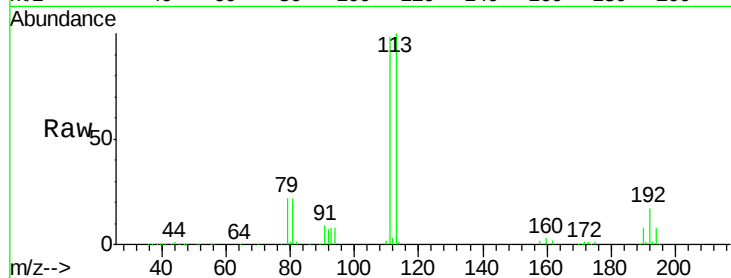
Tot Ion:113 Resp: 93530

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

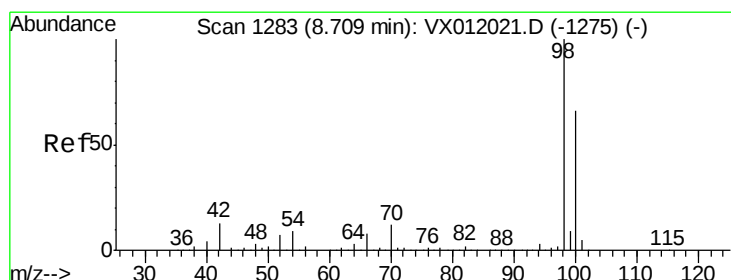
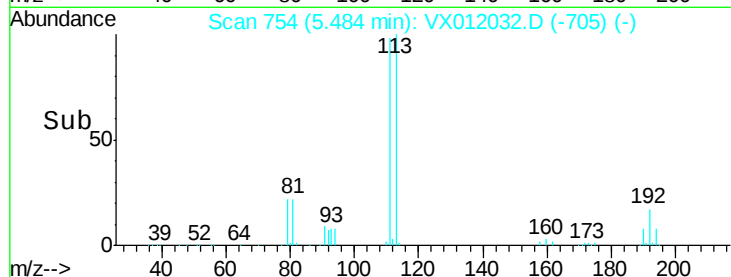
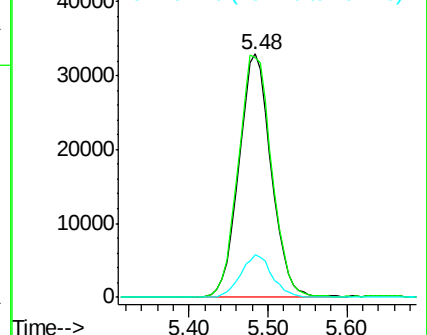
192 17.0 22.5 33.7#



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: 52.348 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012032.D

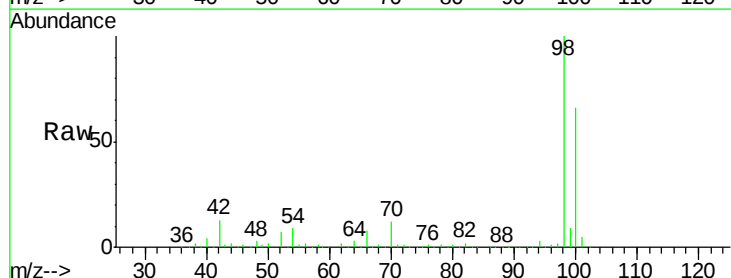
Acq: 03 Sep 2019 19:54

Tgt Ion: 98 Resp: 370644

Ion Ratio Lower Upper

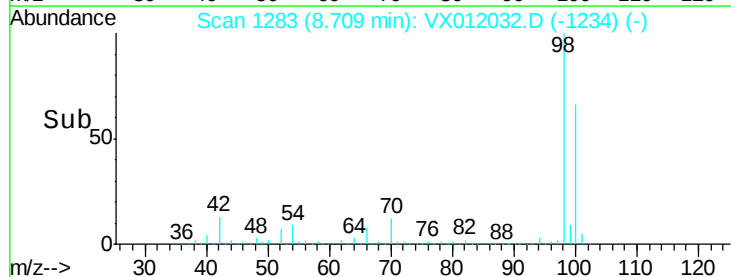
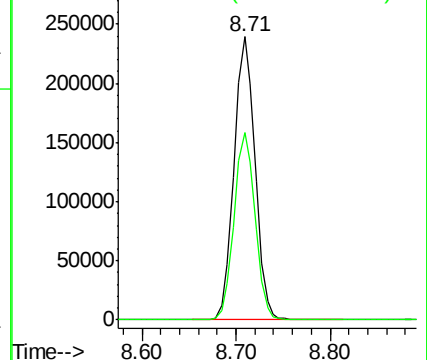
98 100

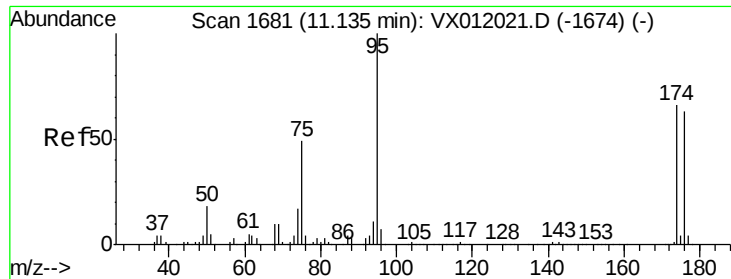
100 66.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 40.999 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012032.D

Acq: 03 Sep 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C1-(0)

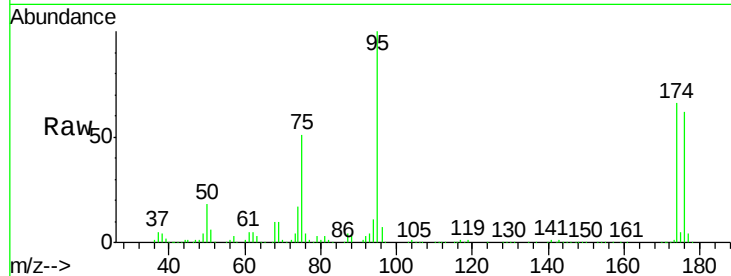
Tot Ion: 95 Resp: 135002

Ion Ratio Lower Upper

95 100

174 61.9 0.0 205.4

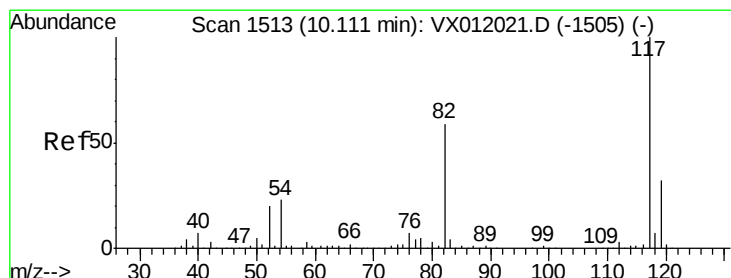
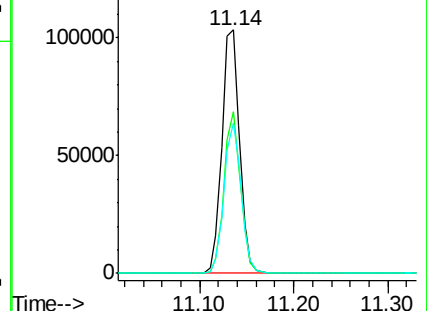
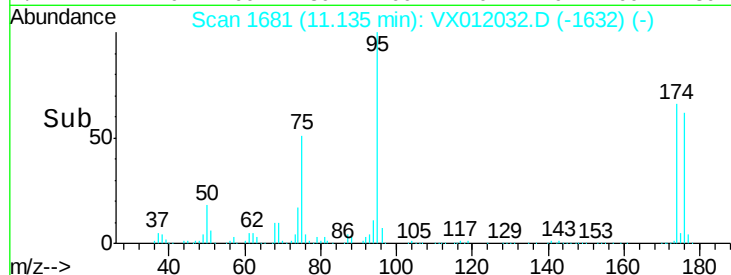
176 60.0 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012032.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012032.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012032.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012032.D

Acq: 03 Sep 2019 19:54

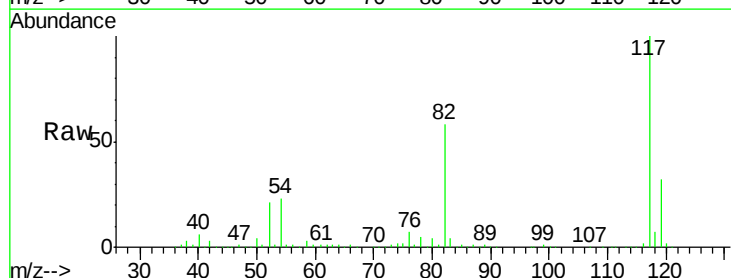
Tgt Ion: 117 Resp: 265091

Ion Ratio Lower Upper

117 100

82 58.4 39.4 59.0

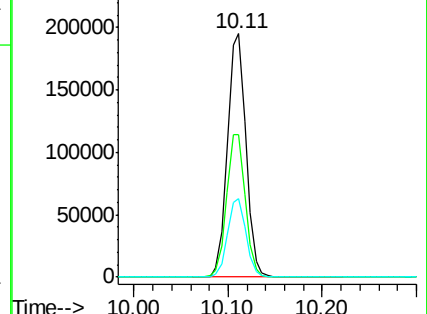
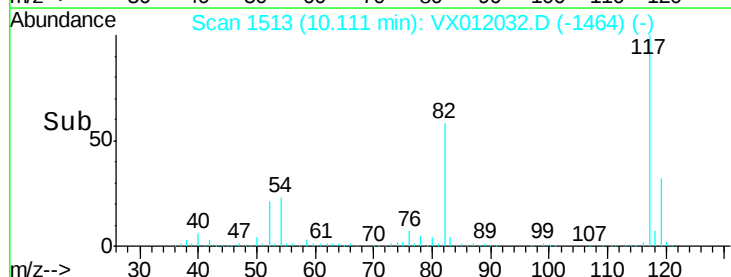
119 32.3 26.1 39.1

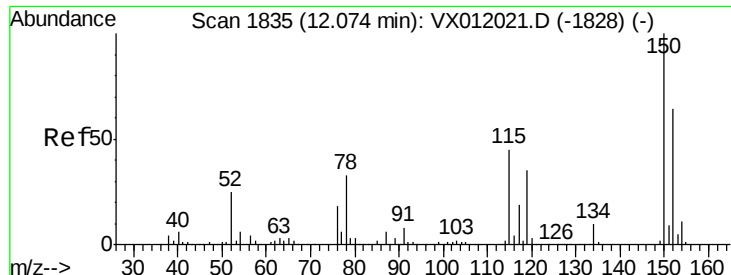


Abundance Ion 116.90 (116.60 to 117.60): VX012032.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012032.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012032.D (-1464) (-)

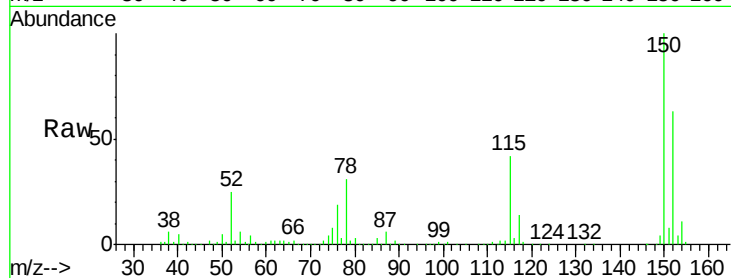




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012032.D
 Acq: 03 Sep 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C1-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.8	36.4	109.3
150	158.8	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

