

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008276.D
 Acq On : 21 Mar 2019 06:11
 Operator : JC/SP
 Sample : K1945-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T3-OZ(PRE)

Quant Time: Mar 22 08:19:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

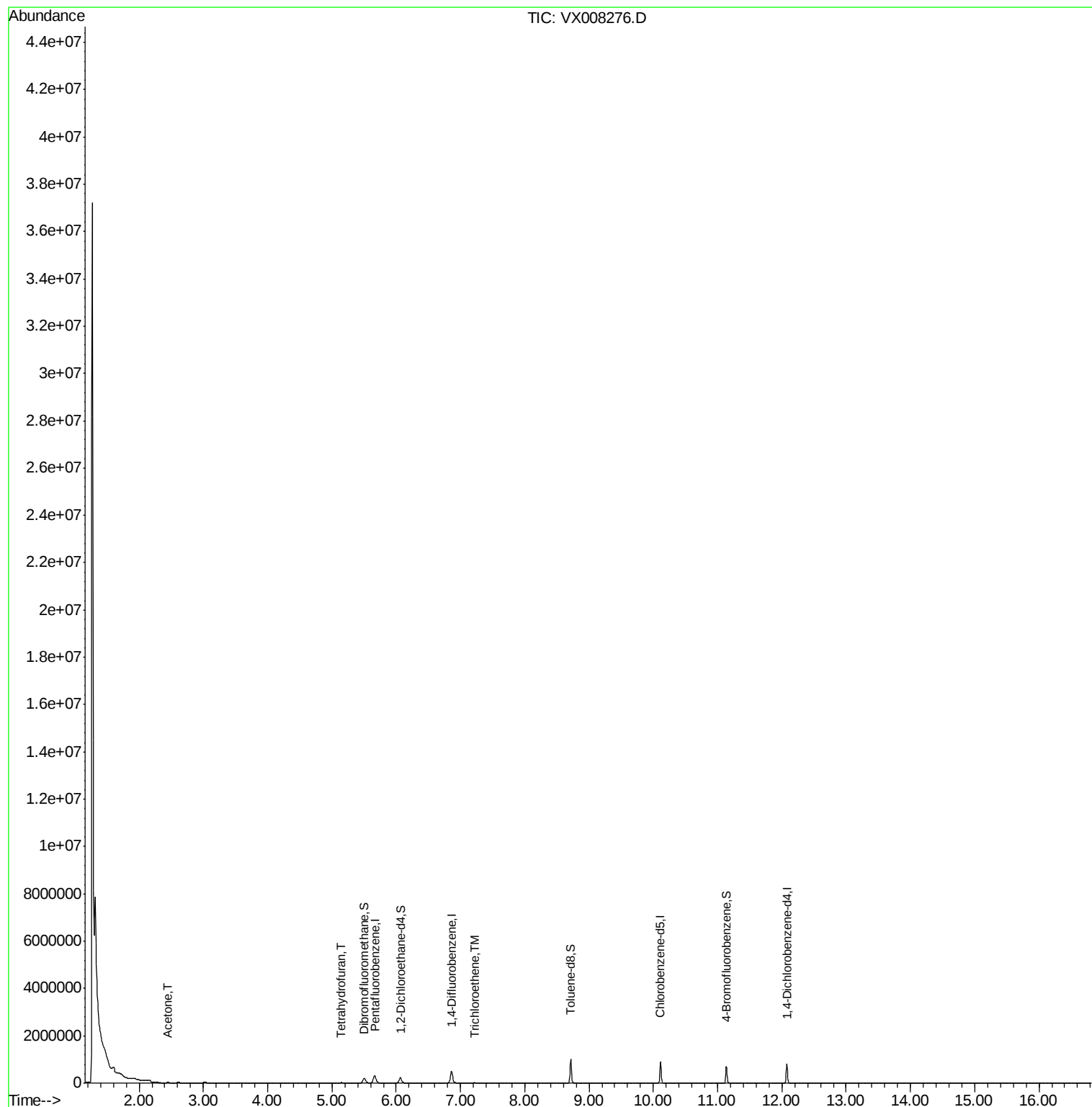
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	281017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	462102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	386225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199329	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
35) Dibromofluoromethane	5.50	113	152031	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	564379	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.13	95	178167	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
Target Compounds						
16) Acetone	2.45	43	11075	4.614	ug/l	Qvalue 100
29) Tetrahydrofuran	5.15	42	5237	2.364	ug/l	94
44) Trichloroethene	7.22	130	2173	0.558	ug/l	75

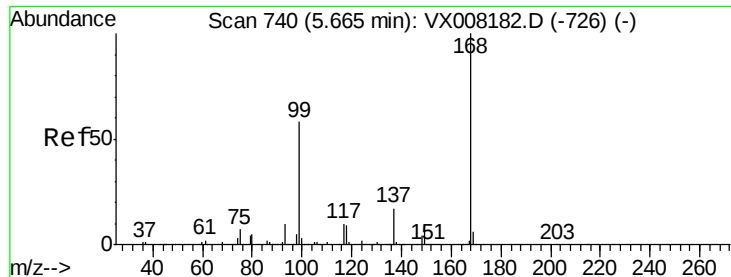
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008276.D

Acq: 21 Mar 2019 06:11

Instrument :

MSVOA_X

ClientSampleId :

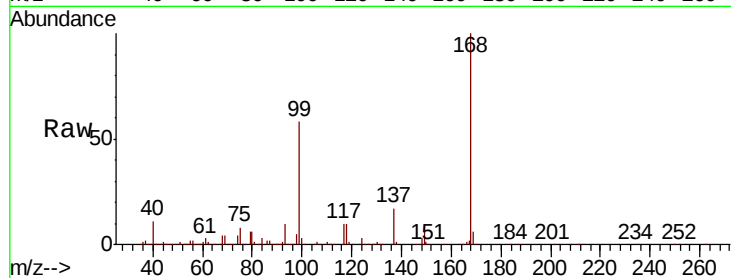
M4-T3-OZ(PRE)

Tot Ion:168 Resp: 281017

Ion Ratio Lower Upper

168 100

99 57.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

40000

20000

0

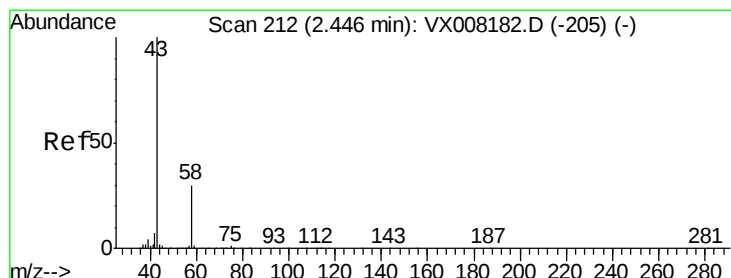
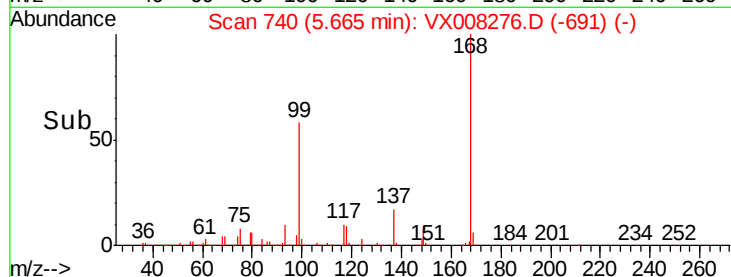
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 4.614 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008276.D

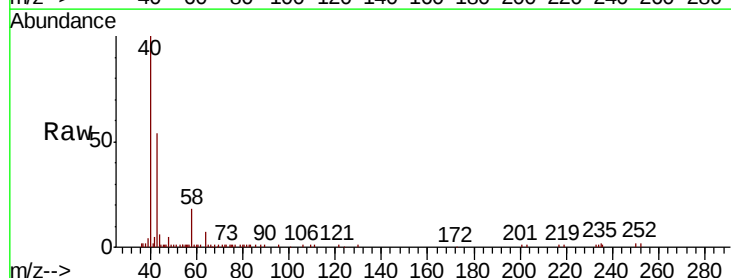
Acq: 21 Mar 2019 06:11

Tgt Ion: 43 Resp: 11075

Ion Ratio Lower Upper

43 100

58 32.1 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

4000

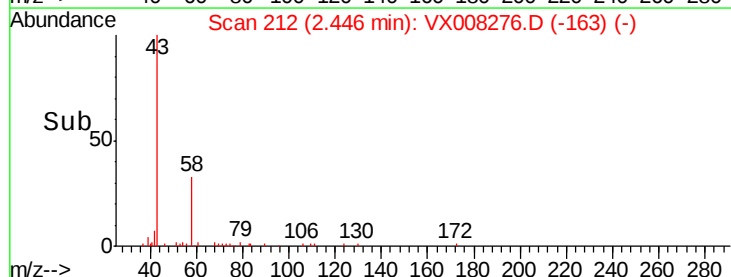
2000

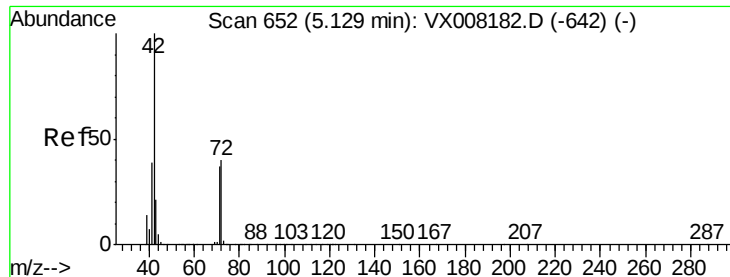
0

Time-->

2.40

2.50





#29

Tetrahydrofuran

Concen: 2.364 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX008276.D

Acq: 21 Mar 2019 06:11

Instrument :

MSVOA_X

ClientSampleId :

M4-T3-OZ(PRE)

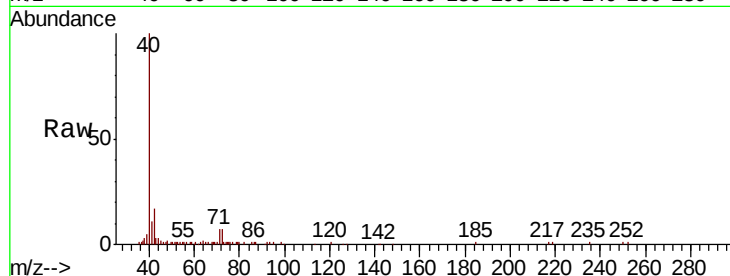
Tot Ion: 42 Resp: 5237

Ion Ratio Lower Upper

42 100

72 41.8 33.8 50.6

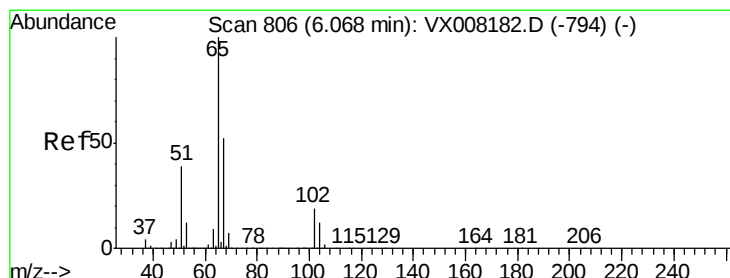
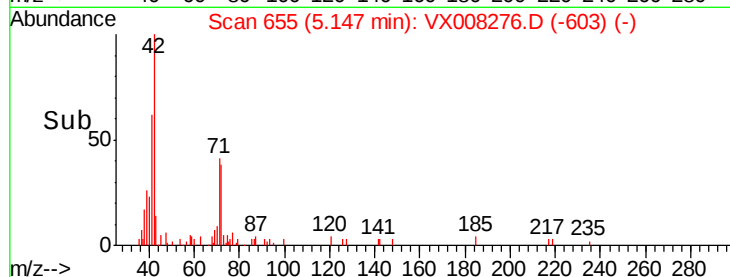
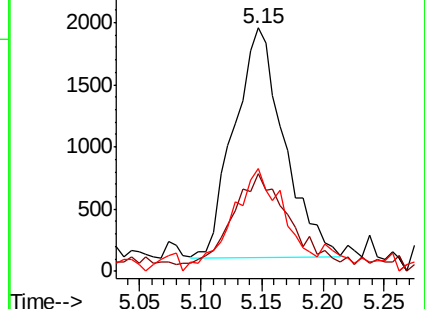
71 46.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.096 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008276.D

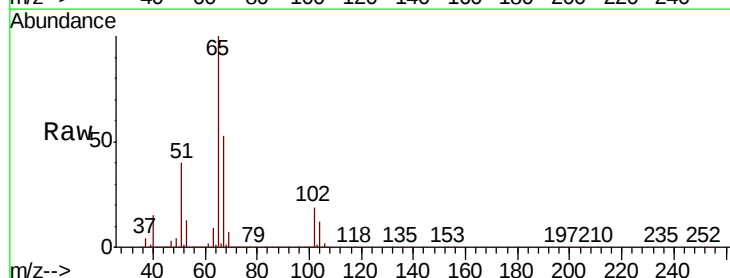
Acq: 21 Mar 2019 06:11

Tgt Ion: 65 Resp: 199329

Ion Ratio Lower Upper

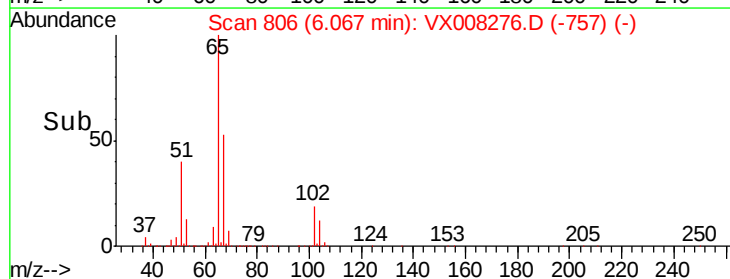
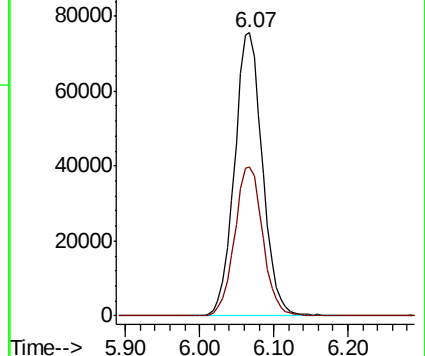
65 100

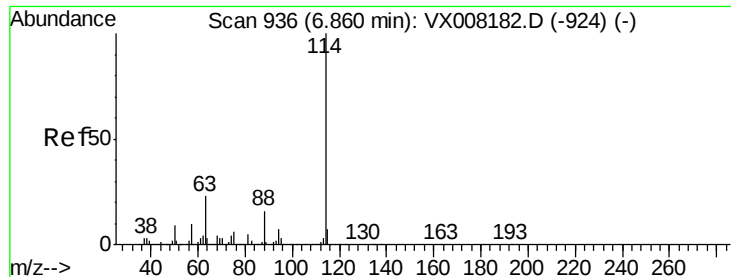
67 52.9 0.0 110.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008276.D

Acq: 21 Mar 2019 06:11

Instrument :

MSVOA_X

ClientSampleId :

M4-T3-OZ(PRE)

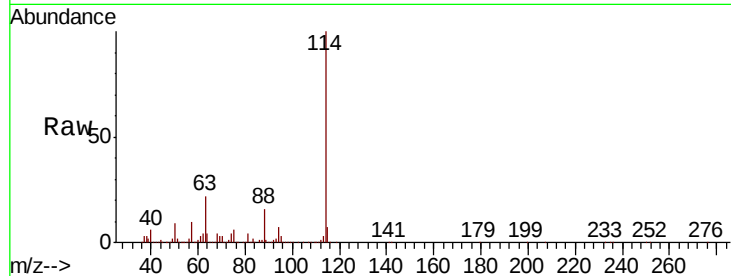
Tot Ion:114 Resp: 462102

Ion Ratio Lower Upper

114 100

63 22.4 0.0 39.8

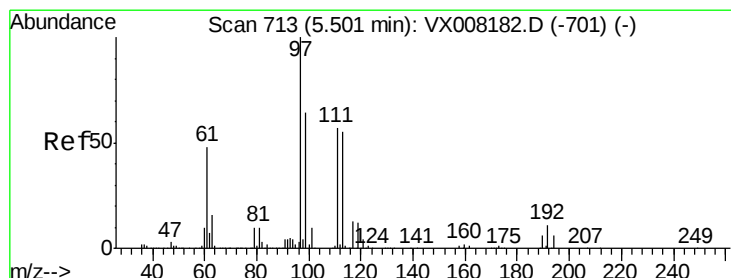
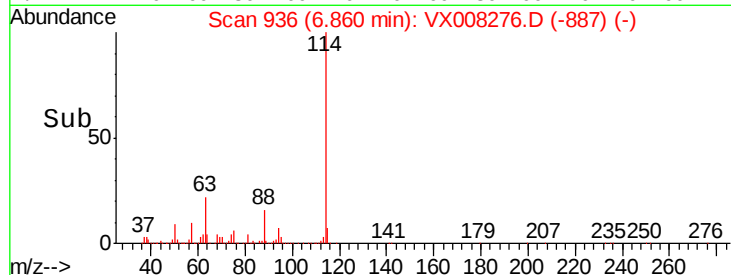
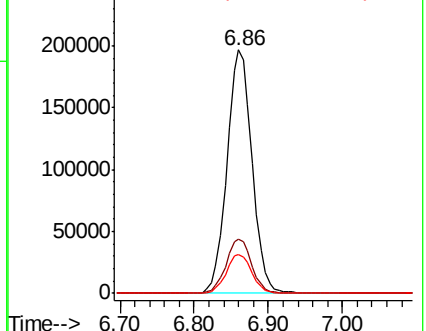
88 16.0 0.0 31.4



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: 49.146 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008276.D

Acq: 21 Mar 2019 06:11

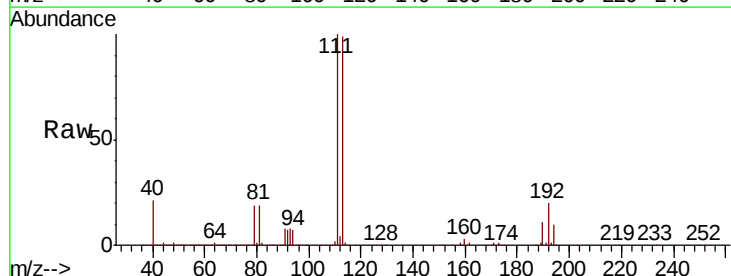
Tgt Ion:113 Resp: 152031

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

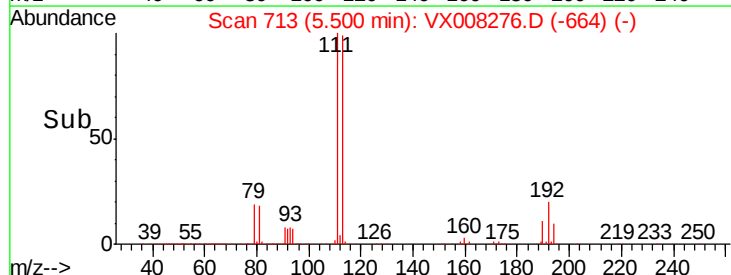
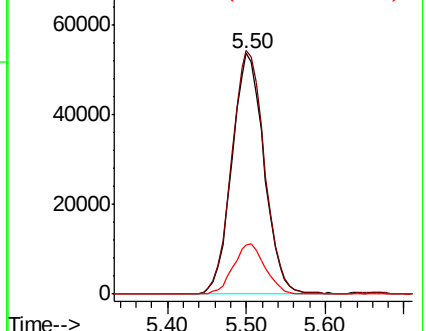
192 20.9 19.4 29.0

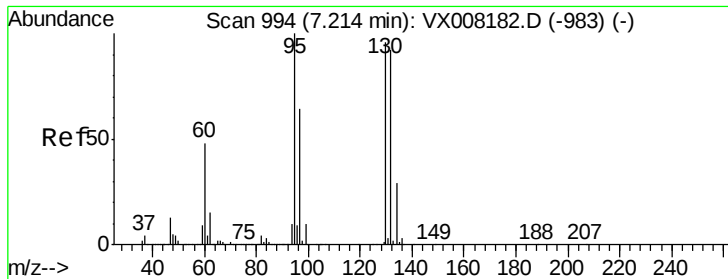


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.558 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008276.D

Acq: 21 Mar 2019 06:11

Instrument :

MSVOA_X

ClientSampleId :

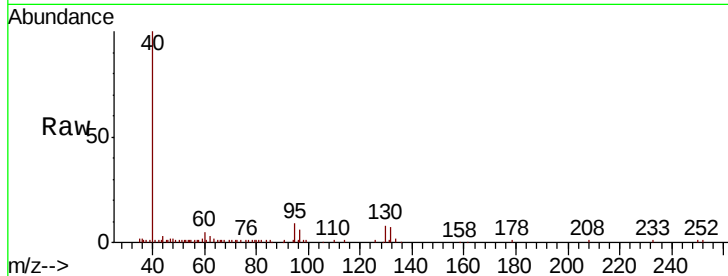
M4-T3-OZ(PRE)

Tot Ion:130 Resp: 2173

Ion Ratio Lower Upper

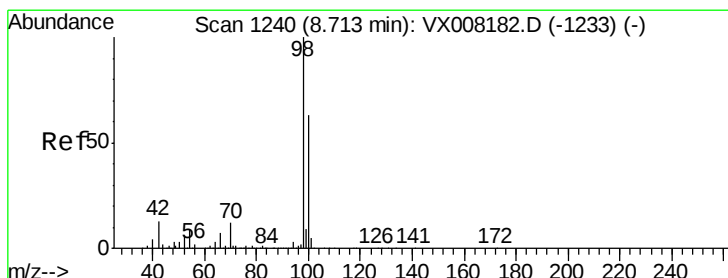
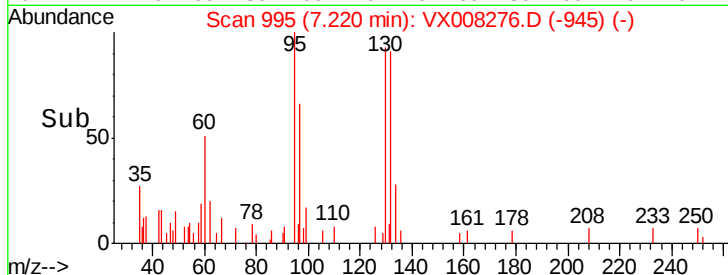
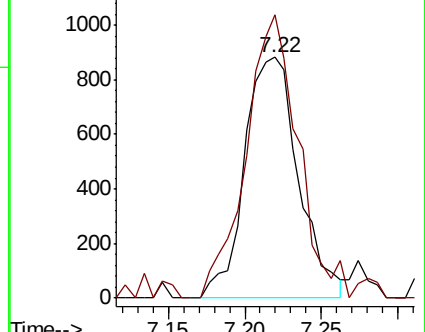
130 100

95 117.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.121 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008276.D

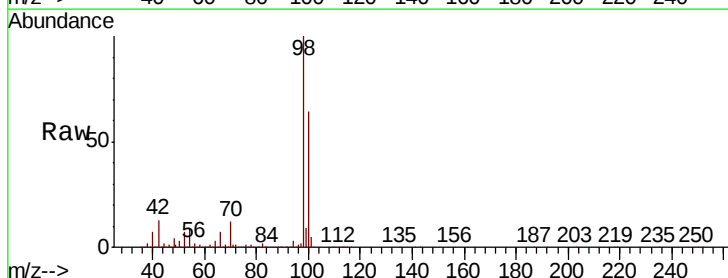
Acq: 21 Mar 2019 06:11

Tgt Ion: 98 Resp: 564379

Ion Ratio Lower Upper

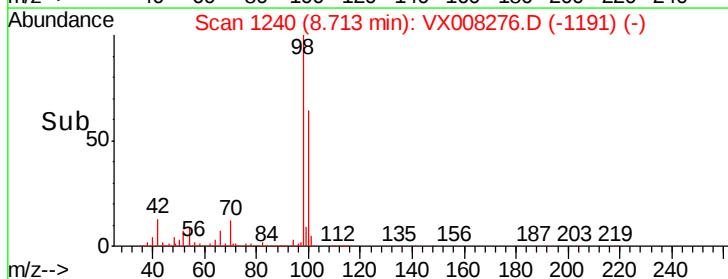
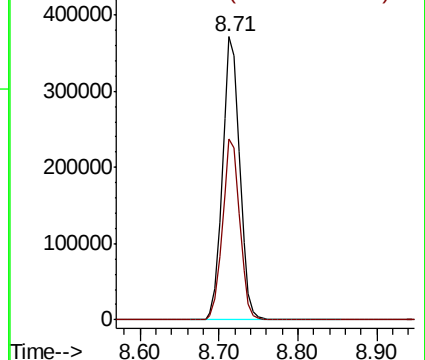
98 100

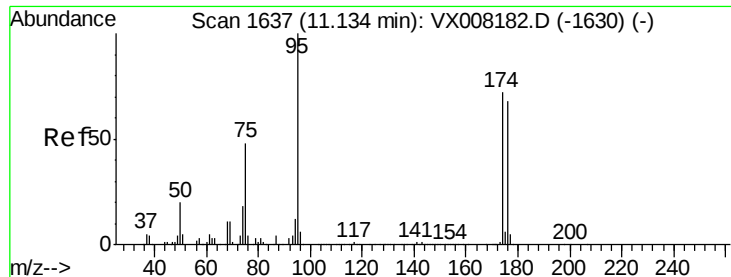
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.119 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008276.D

Acq: 21 Mar 2019 06:11

Instrument :

MSVOA_X

ClientSampleId :

M4-T3-OZ(PRE)

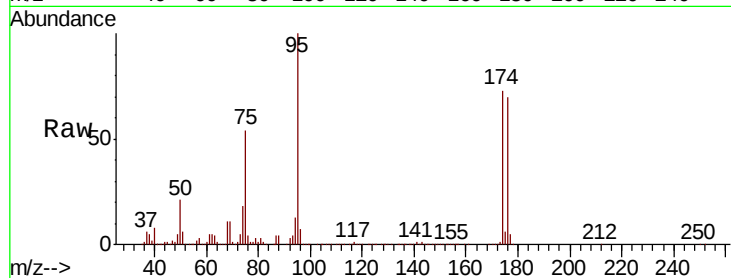
Tot Ion: 95 Resp: 178167

Ion Ratio Lower Upper

95 100

174 79.8 0.0 182.8

176 78.0 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008182.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008182.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008182.D (-1630) (-)

11.13

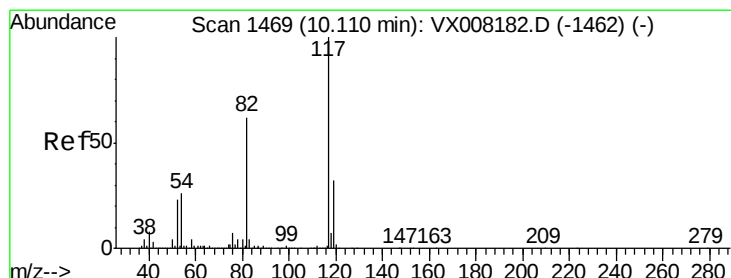
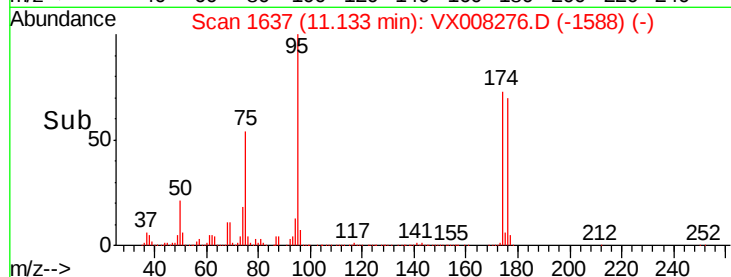
150000

100000

50000

0

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008276.D

Acq: 21 Mar 2019 06:11

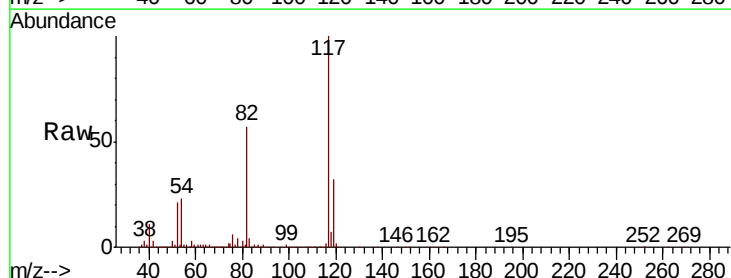
Tgt Ion: 117 Resp: 386225

Ion Ratio Lower Upper

117 100

82 57.1 44.3 66.5

119 32.0 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX008182.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008182.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008182.D (-1462) (-)

10.12

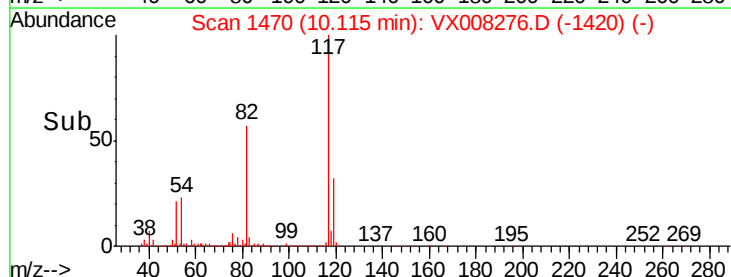
300000

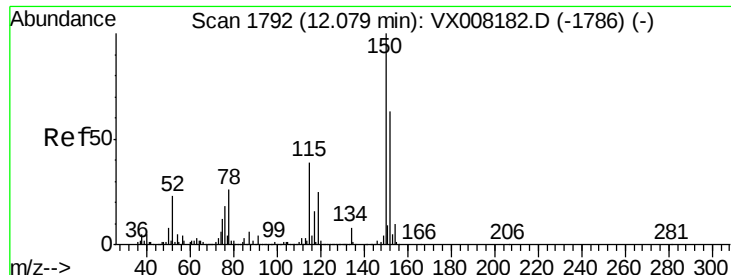
200000

100000

0

Time--> 10.00 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008276.D

Acq: 21 Mar 2019 06:11

Instrument :

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M4-T3-OZ(PRE)

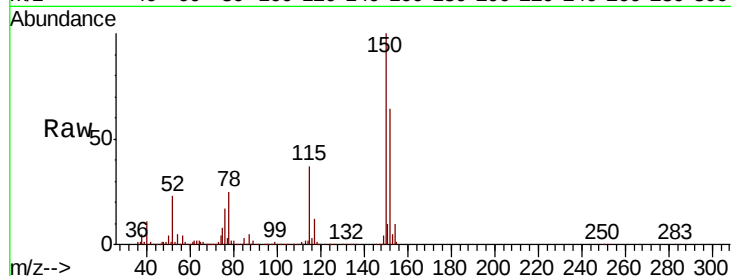
Tot Ion:152 Resp: 156208

Ion Ratio Lower Upper

152 100

115 59.5 38.6 115.7

150 156.6 0.0 348.4



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

