

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008274.D
 Acq On : 21 Mar 2019 05:21
 Operator : JC/SP
 Sample : K1912-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T2-UV(PRE)

Quant Time: Mar 22 08:15:32 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

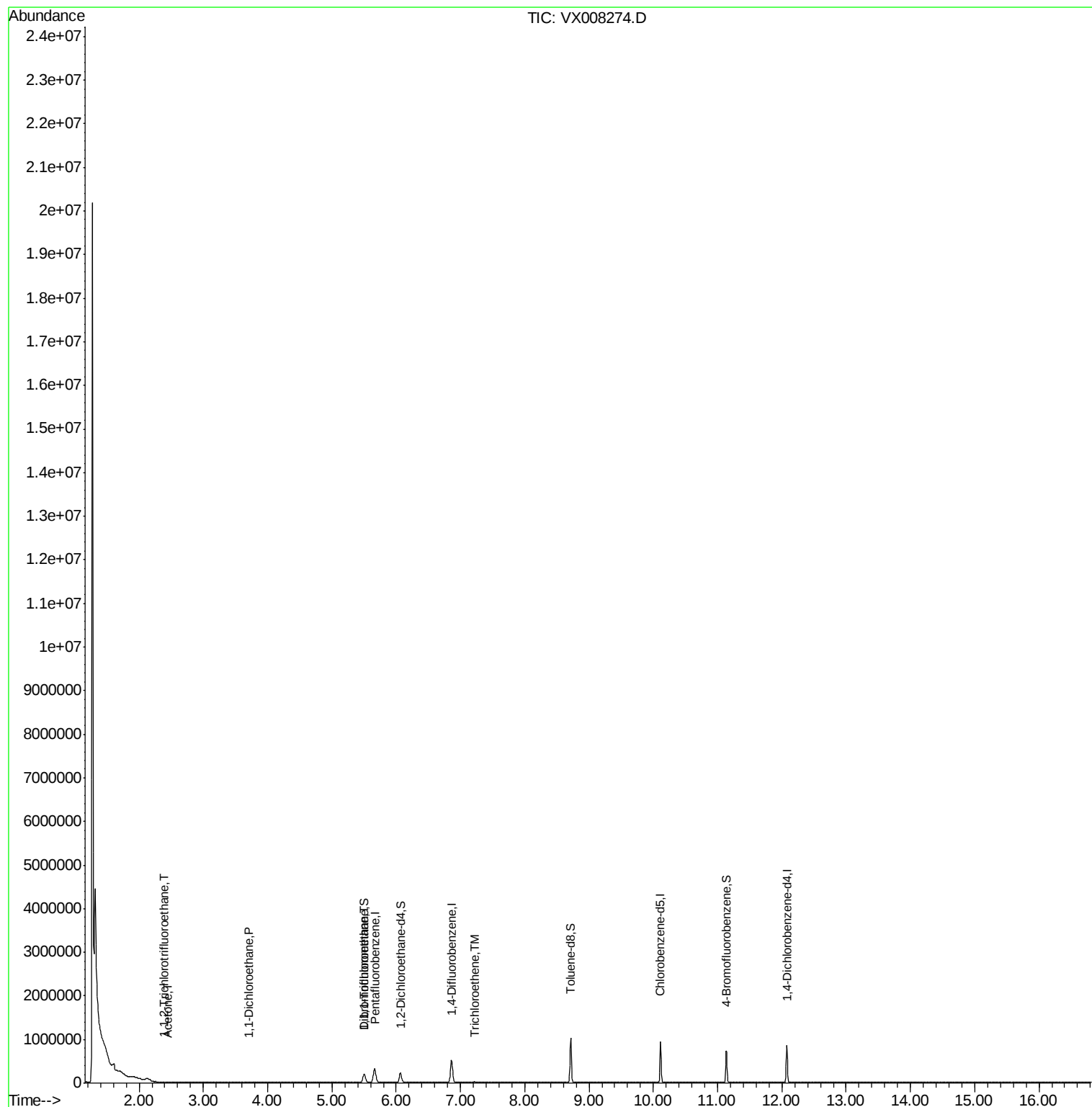
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	488789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	407594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207859	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
35) Dibromofluoromethane	5.50	113	160388	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	590853	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	11.13	95	187198	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3868	1.034	ug/l	92
16) Acetone	2.45	43	5281	2.125	ug/l #	84
24) 1,1-Dichloroethane	3.70	63	7287	0.941	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	2818	0.468	ug/l #	33
44) Trichloroethene	7.21	130	5411	1.314	ug/l	98

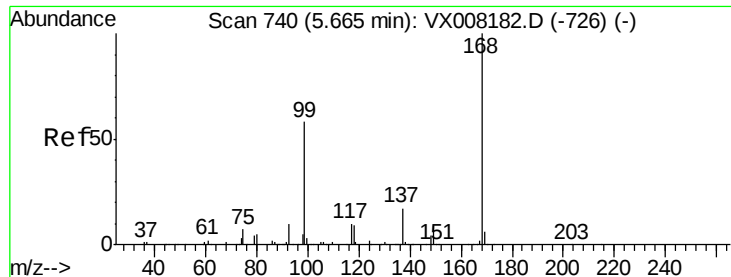
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008274.D

Acq: 21 Mar 2019 05:21

Instrument :

MSVOA_X

ClientSampleId :

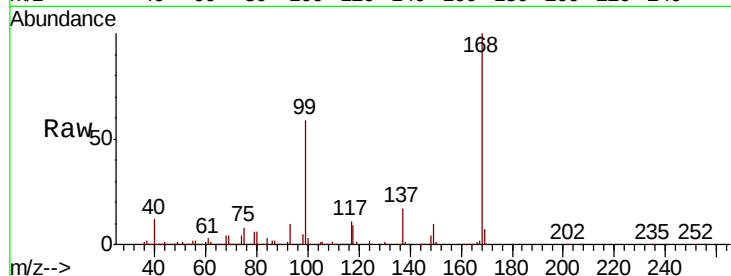
M3-T2-UV(PRE)

Tot Ion:168 Resp: 290971

Ion Ratio Lower Upper

168 100

99 59.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

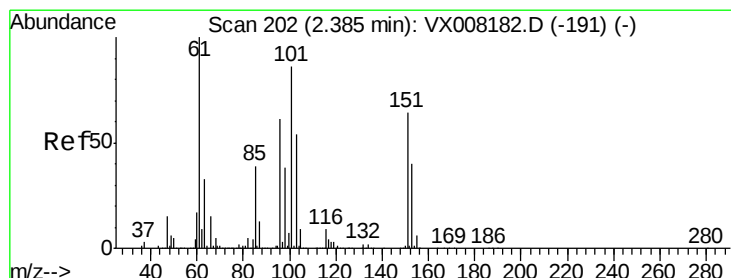
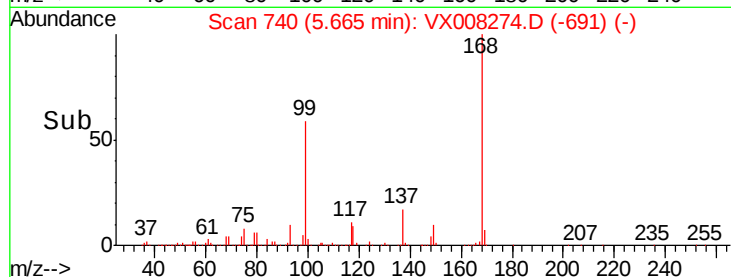
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.034 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008274.D

Acq: 21 Mar 2019 05:21

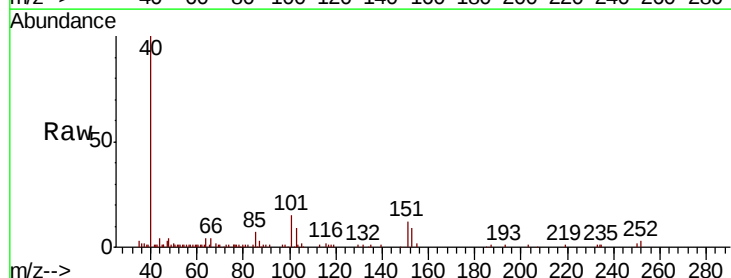
Tgt Ion:101 Resp: 3868

Ion Ratio Lower Upper

101 100

85 50.2 33.8 50.6

151 81.2 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2500

2000

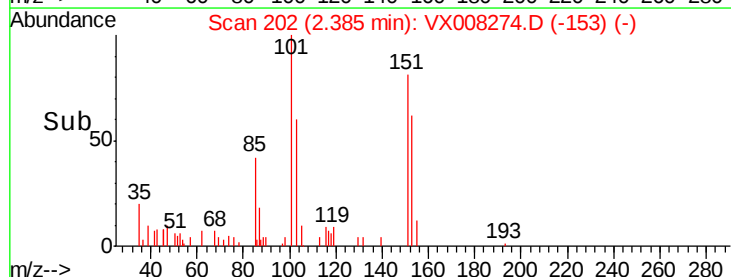
1500

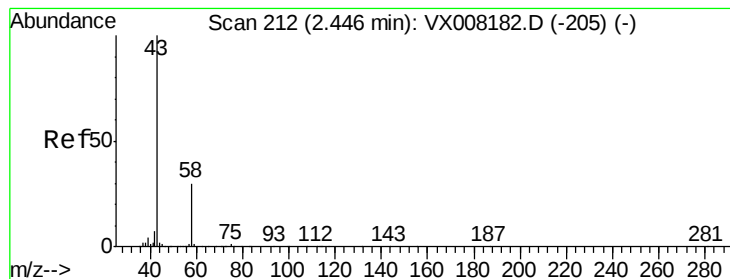
1000

500

0

Time-->





#16

Acetone

Concen: 2.125 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008274.D

Acq: 21 Mar 2019 05:21

Instrument :

MSVOA_X

ClientSampleId :

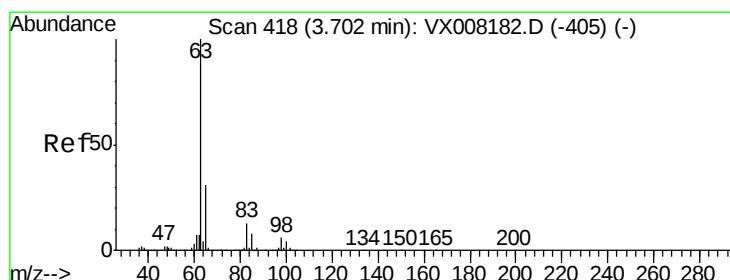
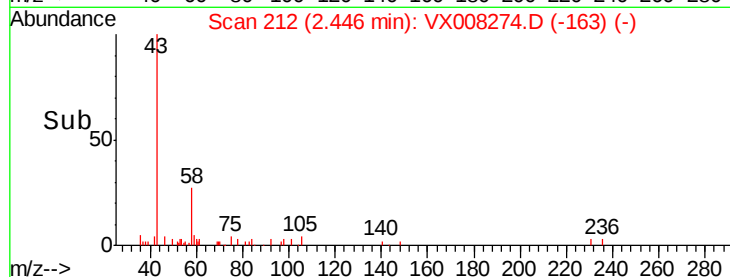
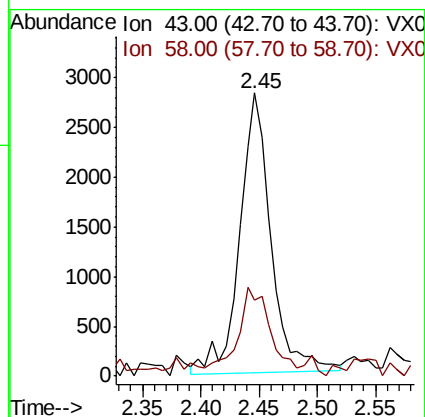
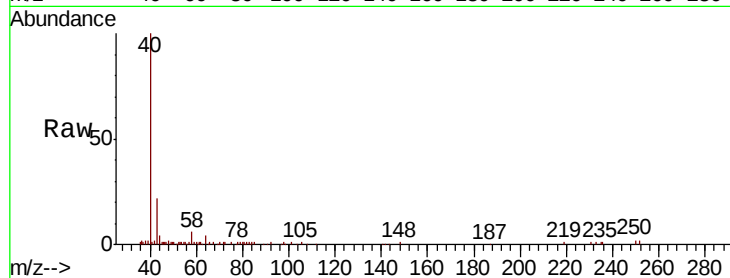
M3-T2-UV(PRE)

Tot Ion: 43 Resp: 5281

Ion Ratio Lower Upper

43 100

58 22.9 25.5 38.3#



#24

1,1-Dichloroethane

Concen: 0.941 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008274.D

Acq: 21 Mar 2019 05:21

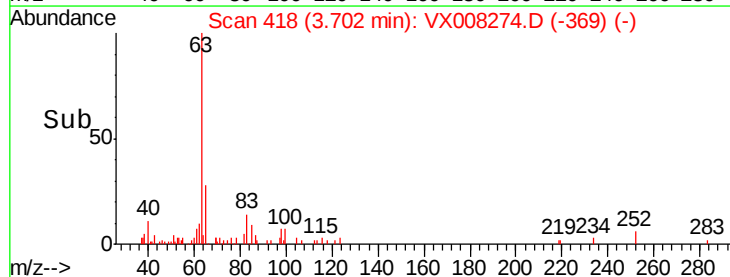
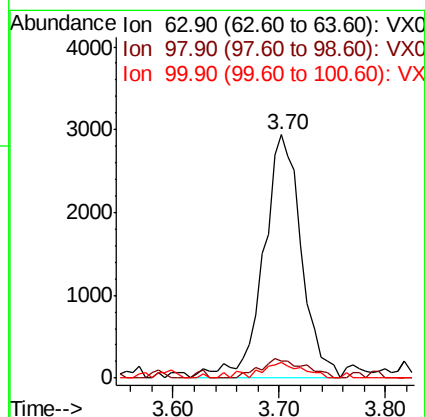
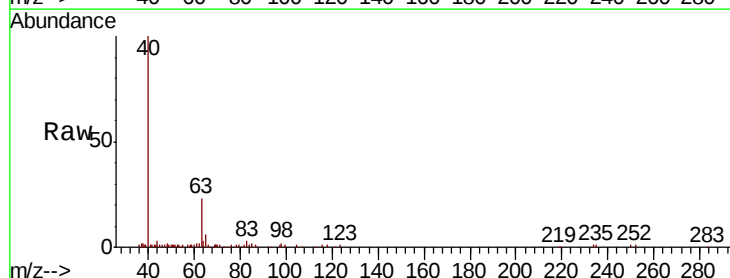
Tgt Ion: 63 Resp: 7287

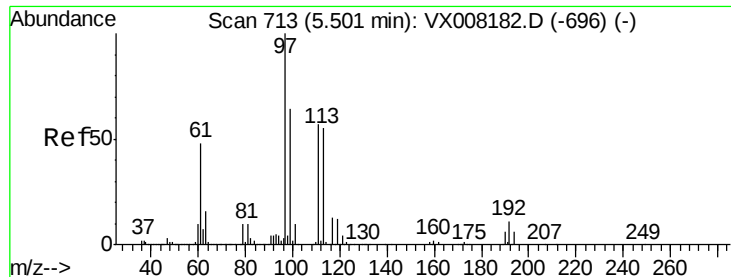
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 6.5 2.3 6.8





#32

1,1,1-Trichloroethane

Concen: 0.468 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008274.D

Acq: 21 Mar 2019 05:21

Instrument :

MSVOA_X

ClientSampleId :

M3-T2-UV(PRE)

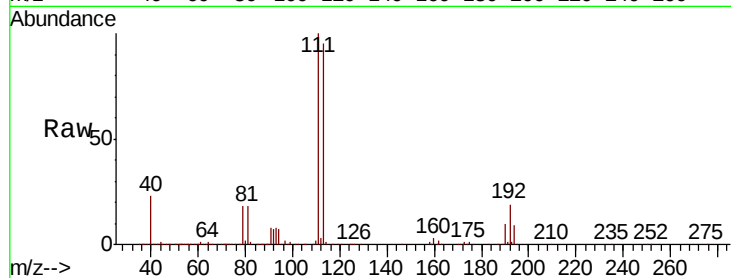
Tot Ion: 97 Resp: 2818

Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

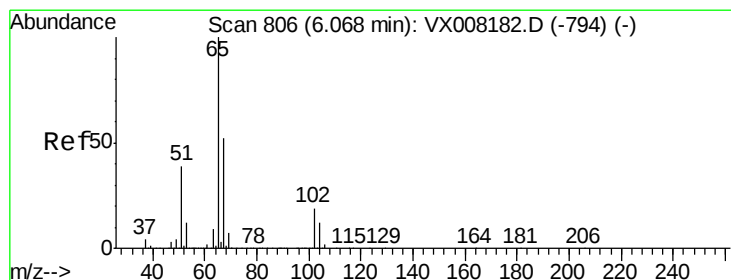
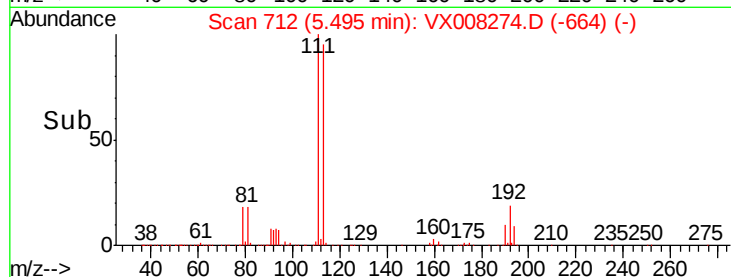
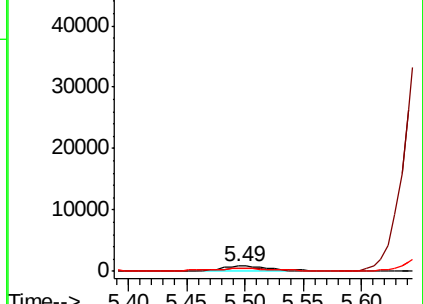
61 71.2 34.9 52.3#



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.432 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008274.D

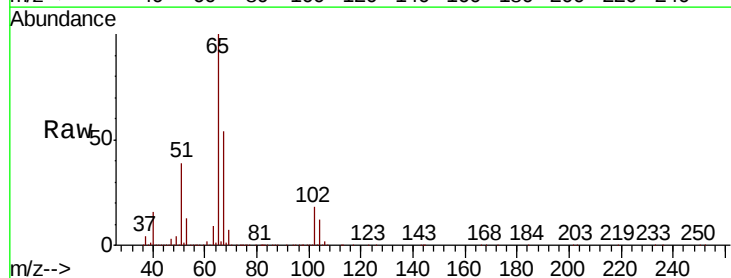
Acq: 21 Mar 2019 05:21

Tgt Ion: 65 Resp: 207859

Ion Ratio Lower Upper

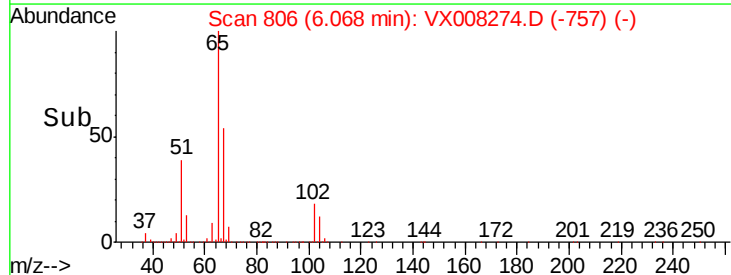
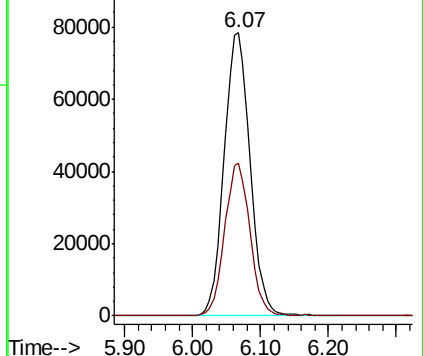
65 100

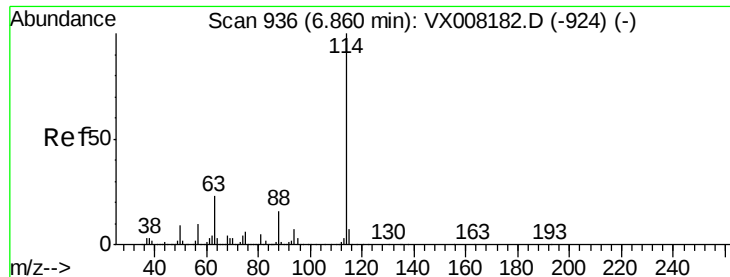
67 52.6 0.0 110.0



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: VX008274.D

Acq: 21 Mar 2019 05:21

Instrument :

MSVOA_X

ClientSampleId :

M3-T2-UV(PRE)

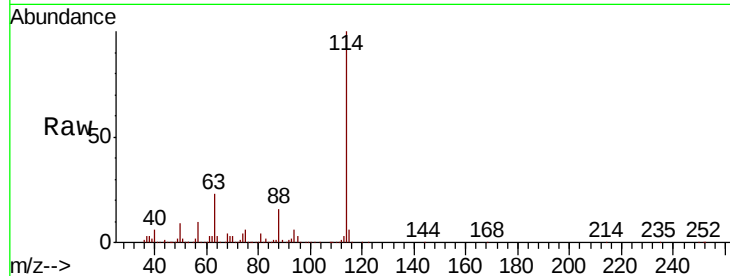
Tot Ion:114 Resp: 488789

Ion Ratio Lower Upper

114 100

63 22.5 0.0 39.8

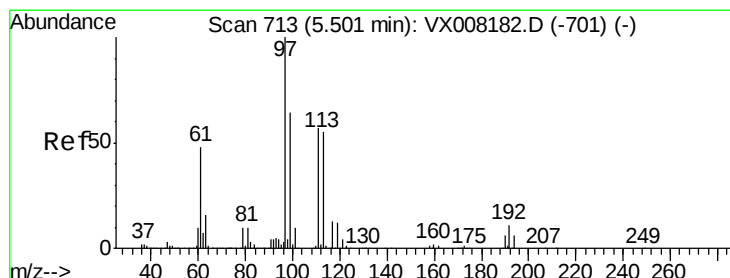
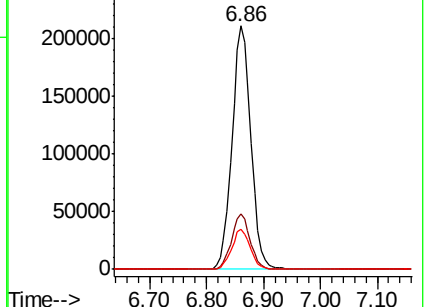
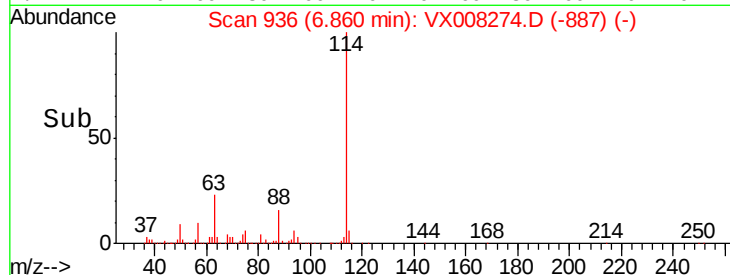
88 16.3 0.0 31.4



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: 49.017 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008274.D

Acq: 21 Mar 2019 05:21

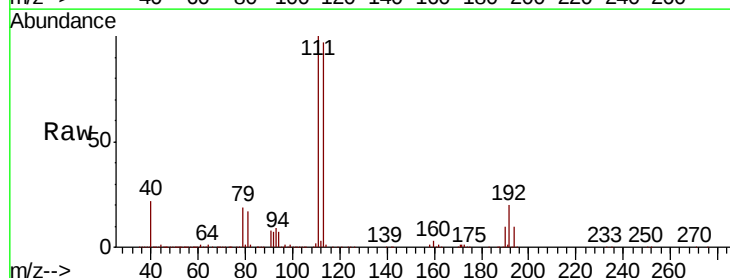
Tgt Ion:113 Resp: 160388

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

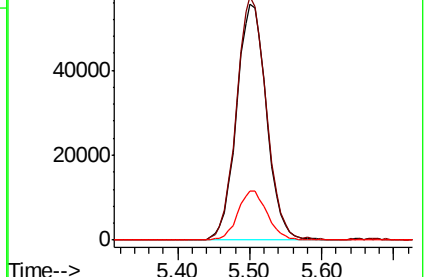
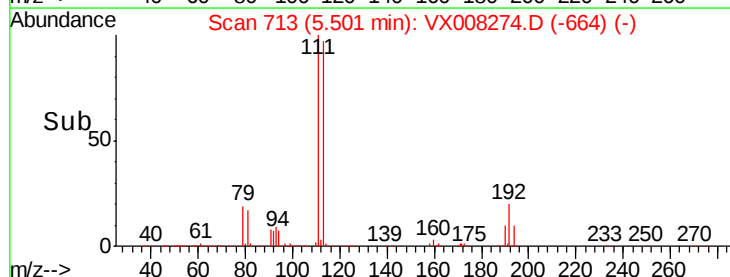
192 20.5 19.4 29.0

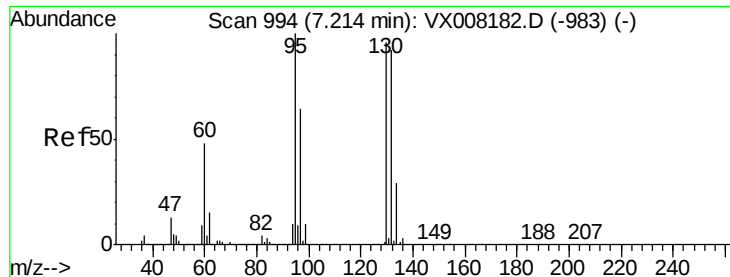


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.314 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008274.D

Acq: 21 Mar 2019 05:21

Instrument :

MSVOA_X

ClientSampleId :

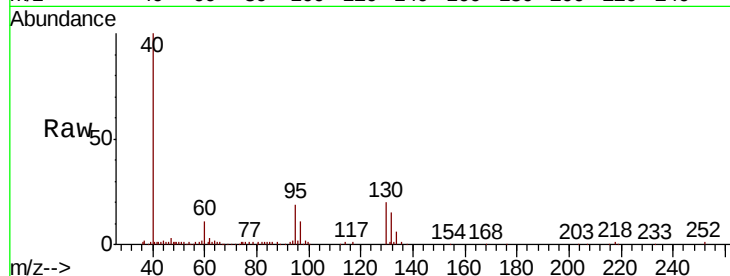
M3-T2-UV(PRE)

Tot Ion:130 Resp: 5411

Ion Ratio Lower Upper

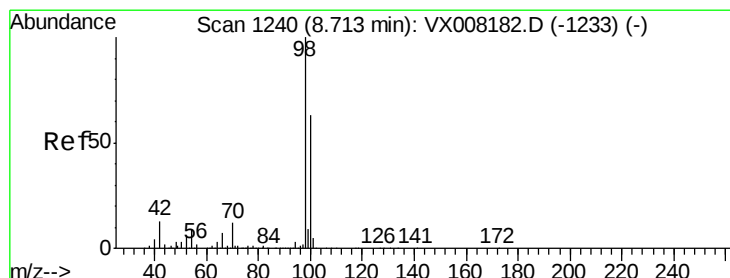
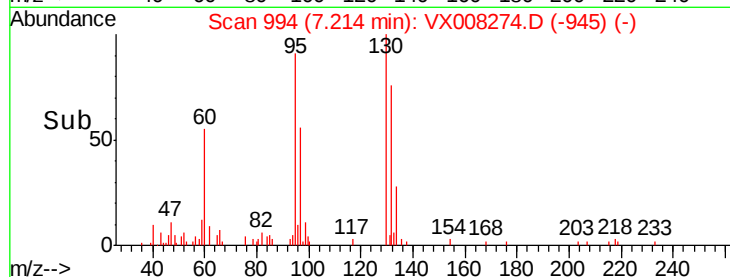
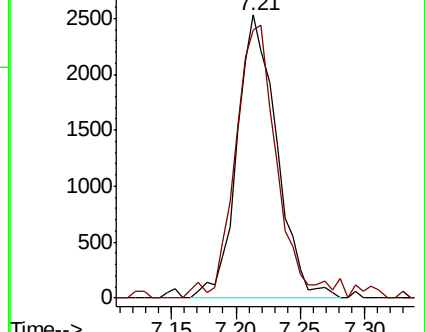
130 100

95 91.9 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: 47.627 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008274.D

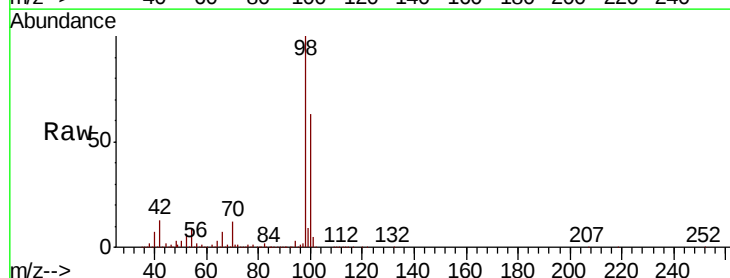
Acq: 21 Mar 2019 05:21

Tgt Ion: 98 Resp: 590853

Ion Ratio Lower Upper

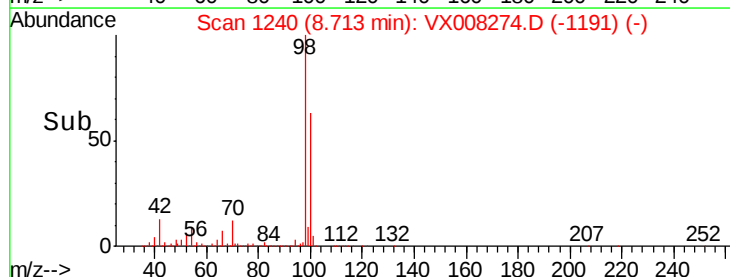
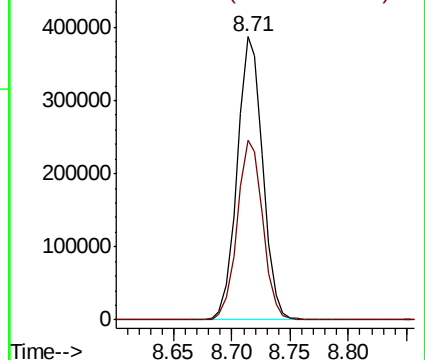
98 100

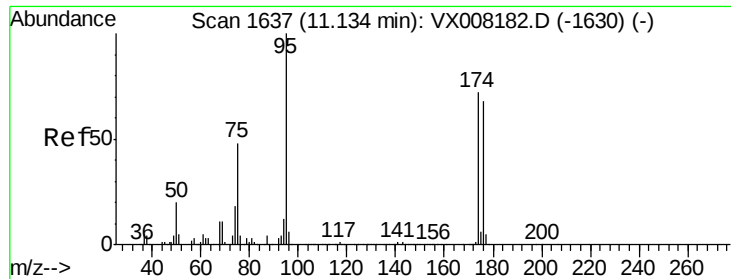
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

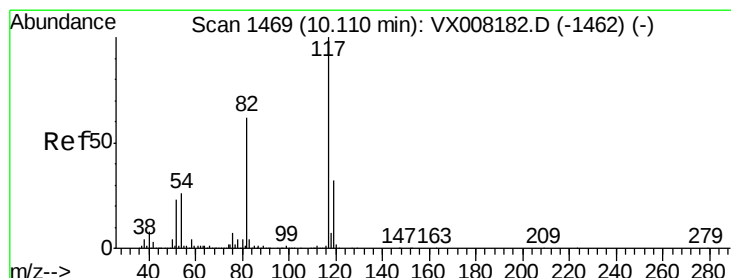
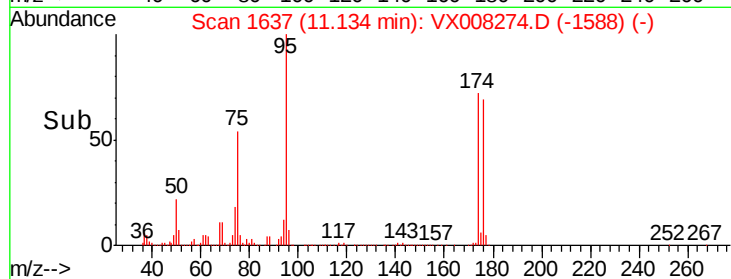
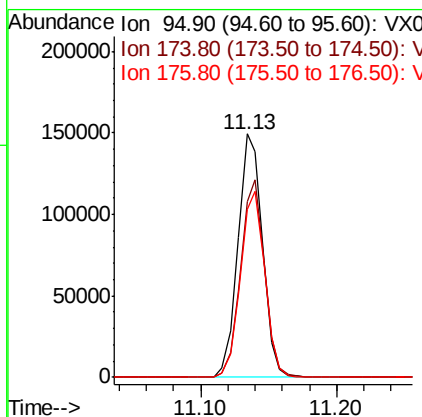
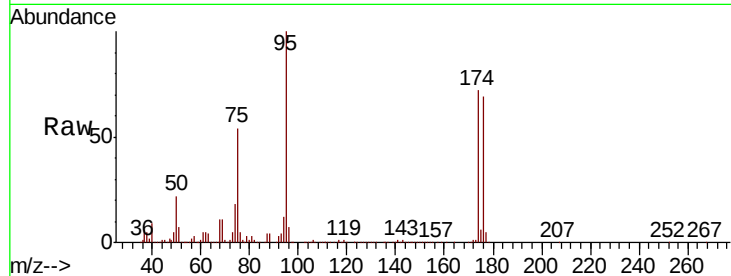




#62
 4-Bromofluorobenzene
 Concen: 43.824 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008274.D
 Acq: 21 Mar 2019 05:21

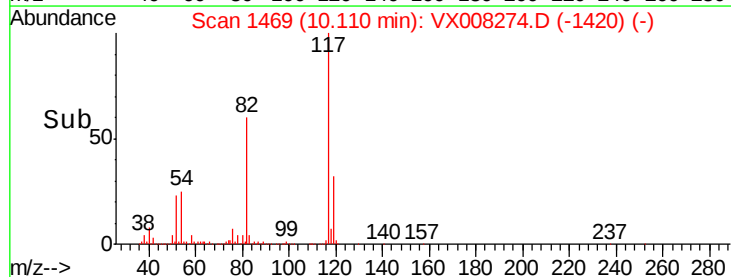
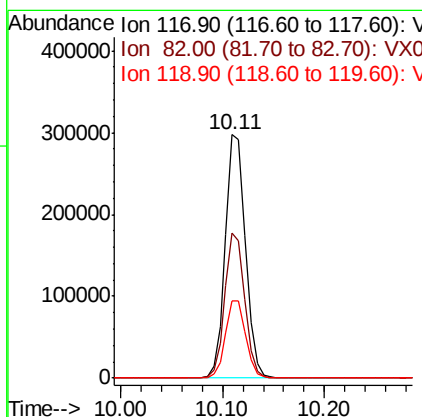
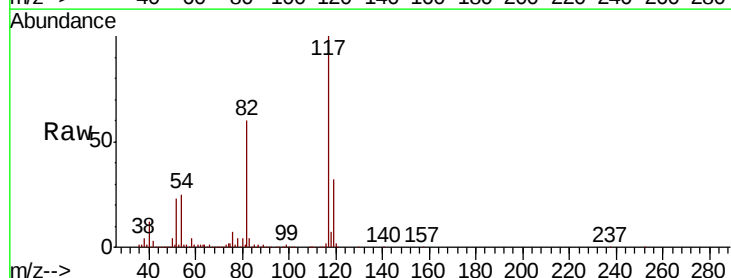
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T2-UV(PRE)

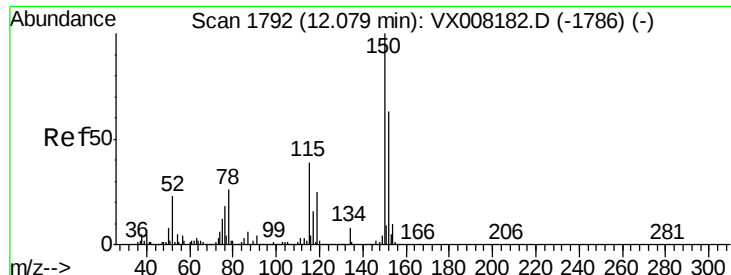
Tot Ion	95	Resp	187198
Ion Ratio	100		
174	79.5	0.0	182.8
176	76.1	0.0	178.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX008274.D
 Acq: 21 Mar 2019 05:21

Tgt Ion	117	Resp	407594
Ion Ratio	100		
82	59.6	44.3	66.5
119	31.7	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008274.D

Acq: 21 Mar 2019 05:21

Instrument :

MSVOA_X

ClientSampleId :

M3-T2-UV(PRE)

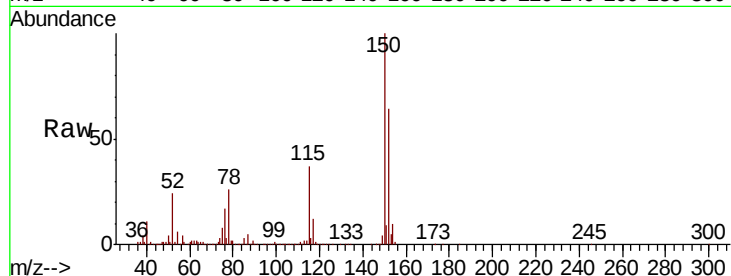
Tot Ion:152 Resp: 163896

Ion Ratio Lower Upper

152 100

115 59.5 38.6 115.7

150 155.6 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

