

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008405.D
 Acq On : 24 Mar 2019 20:21
 Operator : JC/SP
 Sample : K1912-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T1-UV(PRE)

Quant Time: Mar 25 08:11:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

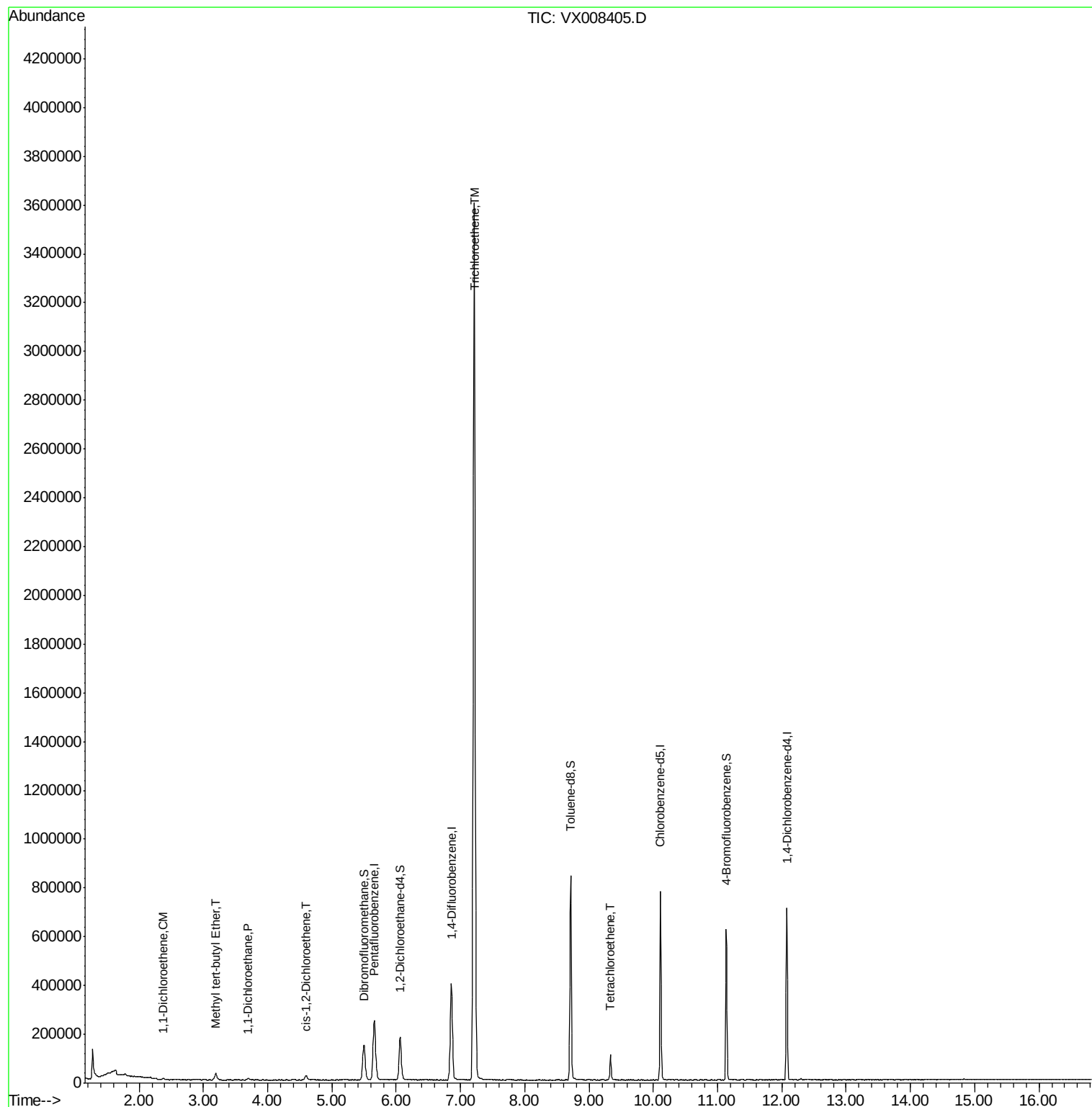
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	228668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163882	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
35) Dibromofluoromethane	5.49	113	122117	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	8.71	98	490906	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.13	95	164547	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	1468	0.564	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	28036	2.989	ug/l	92
24) 1,1-Dichloroethane	3.70	63	7216	1.262	ug/l #	93
27) cis-1,2-Dichloroethene	4.60	96	10632	3.292	ug/l	97
44) Trichloroethene	7.21	130	1310754	466.770	ug/l	88
64) Tetrachloroethene	9.34	164	18713	8.562	ug/l	90

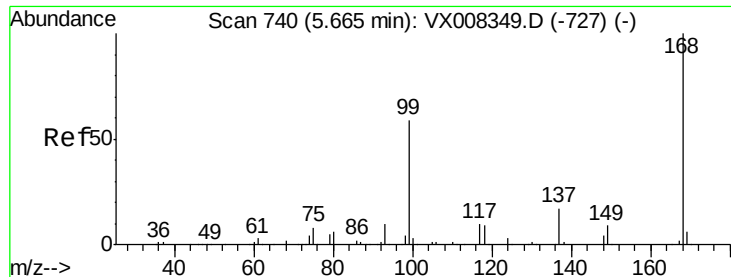
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008405.D

Acq: 24 Mar 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

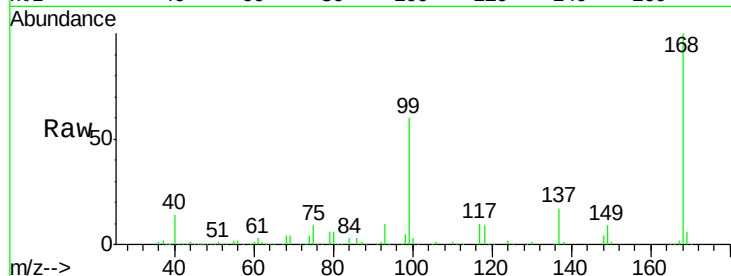
M3-T1-UV(PRE)

Tot Ion:168 Resp: 228668

Ion Ratio Lower Upper

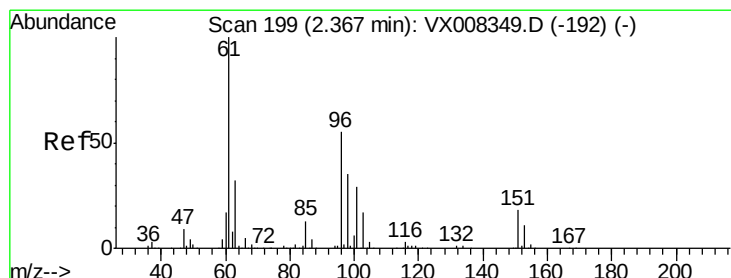
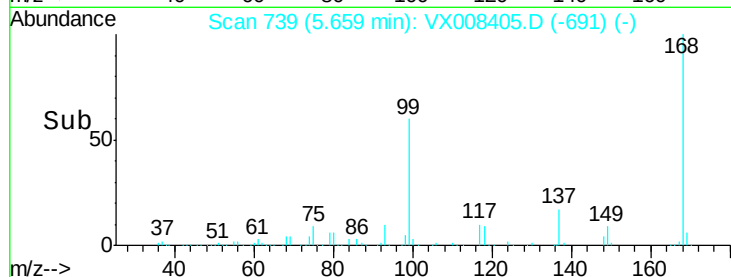
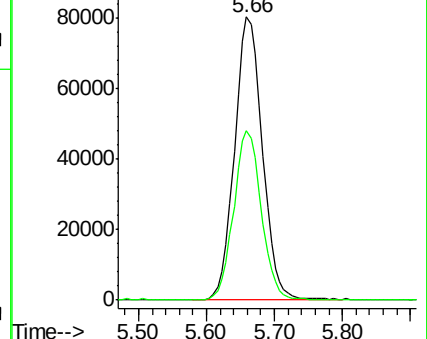
168 100

99 60.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 0.564 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX008405.D

Acq: 24 Mar 2019 20:21

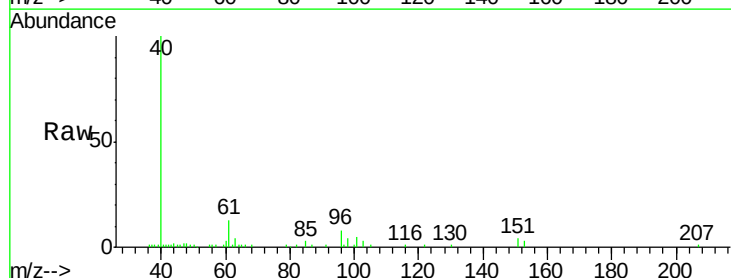
Tgt Ion: 96 Resp: 1468

Ion Ratio Lower Upper

96 100

61 164.3 129.8 194.6

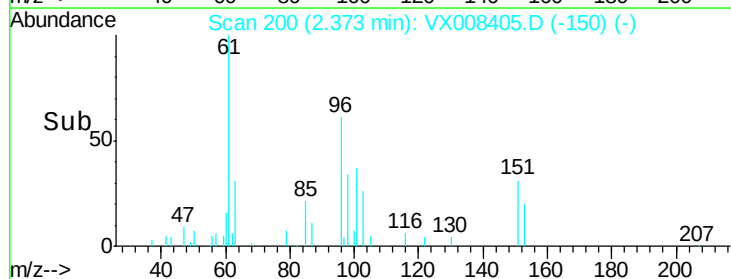
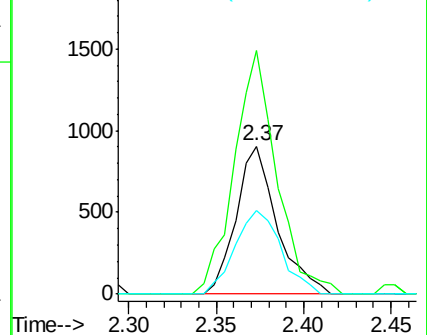
98 56.2 51.0 76.6

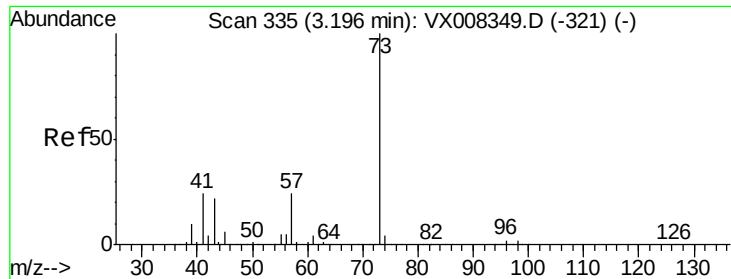


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

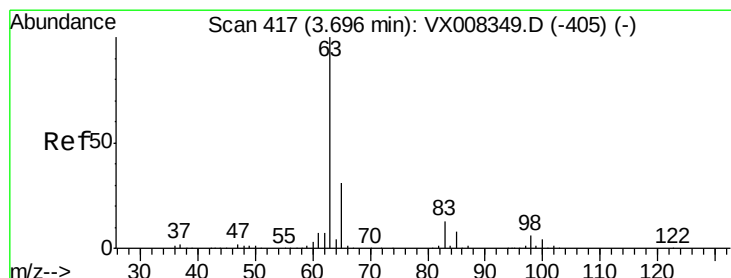
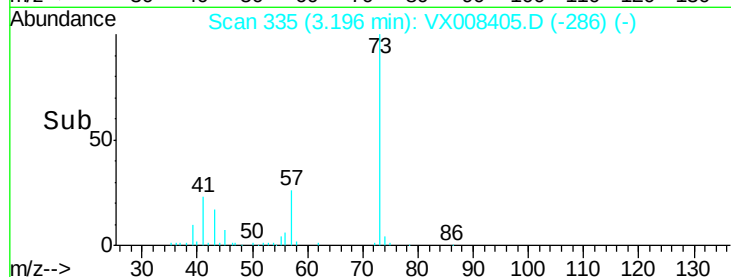
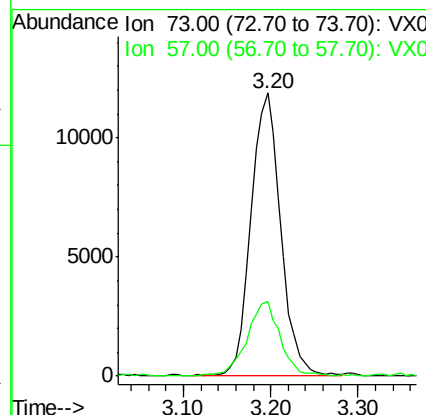
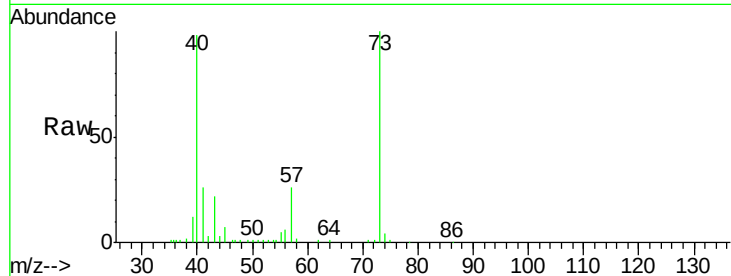




#19
Methyl tert-butyl Ether
Concen: 2.989 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008405.D
Acq: 24 Mar 2019 20:21

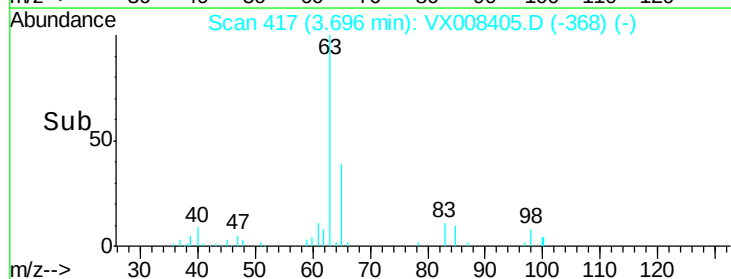
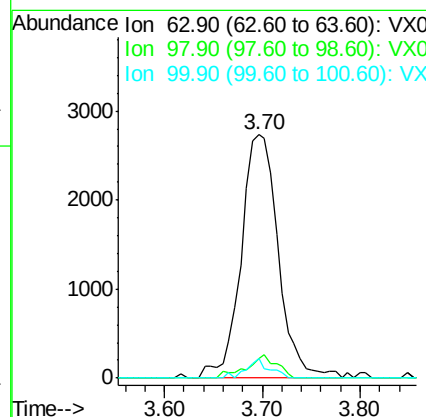
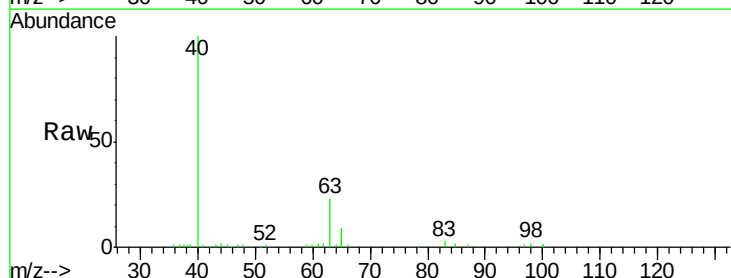
Instrument :
MSVOA_X
ClientSampleId :
M3-T1-UV(PRE)

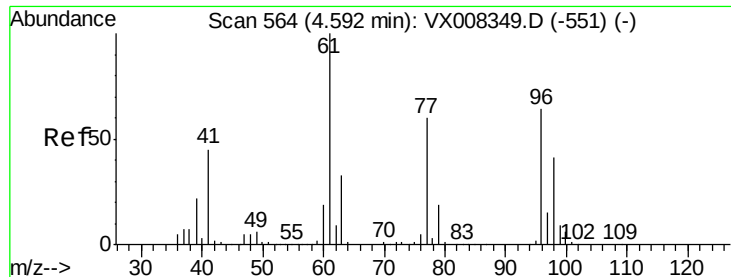
Tot Ion: 73 Resp: 28036
Ion Ratio Lower Upper
73 100
57 26.4 18.2 27.4



#24
1,1-Dichloroethane
Concen: 1.262 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX008405.D
Acq: 24 Mar 2019 20:21

Tgt Ion: 63 Resp: 7216
Ion Ratio Lower Upper
63 100
98 7.9 3.3 9.8
100 8.2 2.3 6.8#



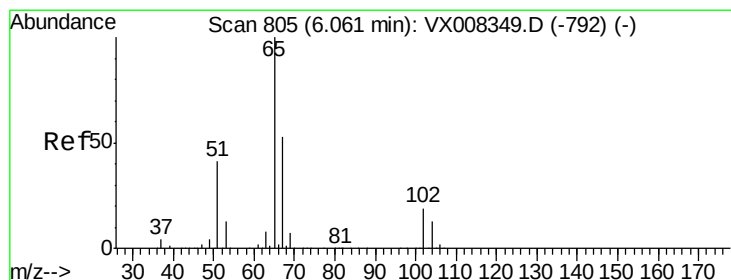
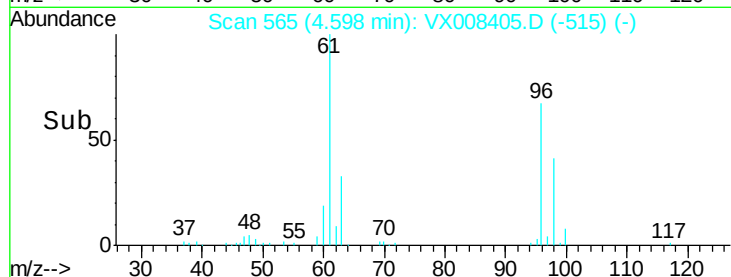
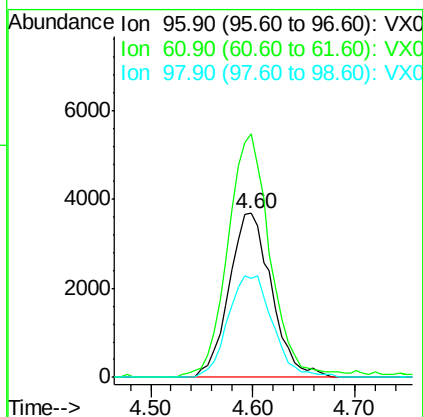
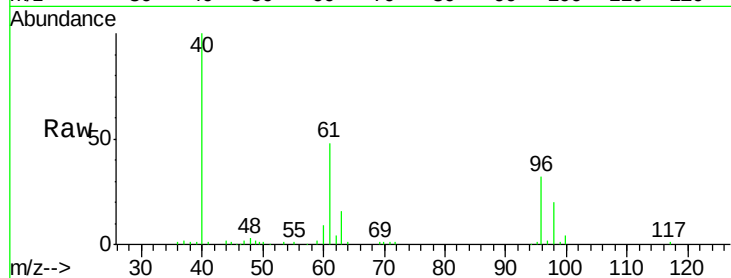


#27

cis-1,2-Dichloroethene
Concen: 3.292 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX008405.D
Acq: 24 Mar 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
M3-T1-UV(PRE)

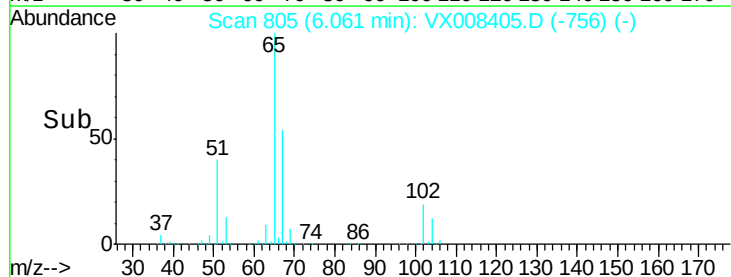
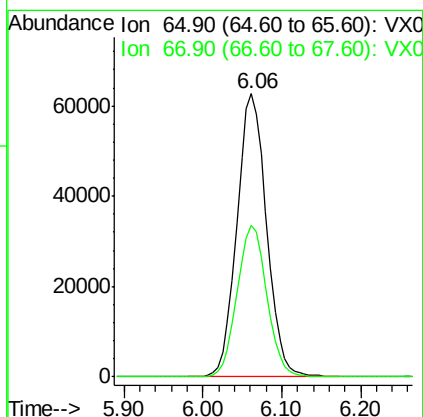
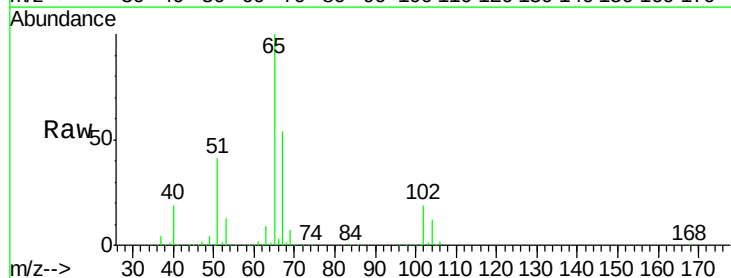
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	288.0
98	65.5	0.0	129.0

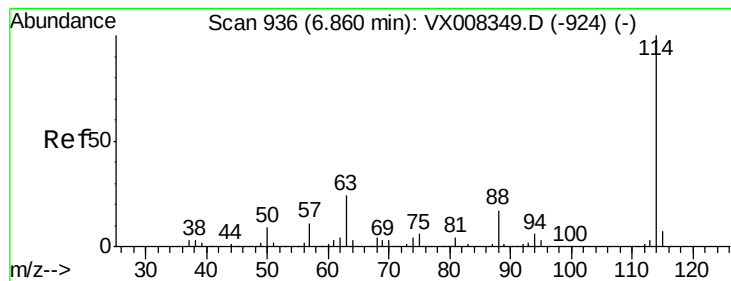


#33

1,2-Dichloroethane-d4
Concen: 46.989 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008405.D
Acq: 24 Mar 2019 20:21

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008405.D

Acq: 24 Mar 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

M3-T1-UV(PRE)

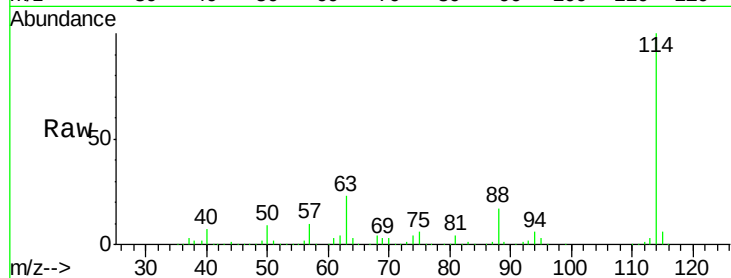
Tot Ion:114 Resp: 388577

Ion Ratio Lower Upper

114 100

63 23.3 0.0 39.8

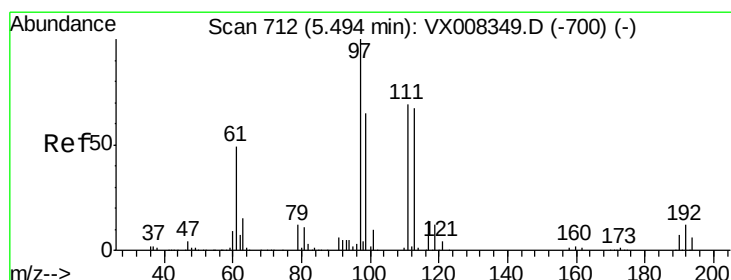
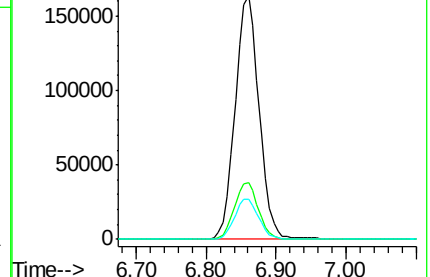
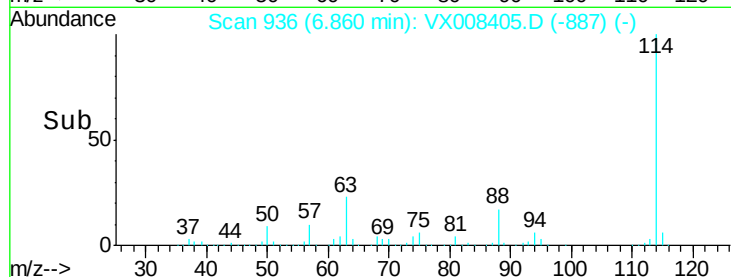
88 16.6 0.0 31.4



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: 48.506 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008405.D

Acq: 24 Mar 2019 20:21

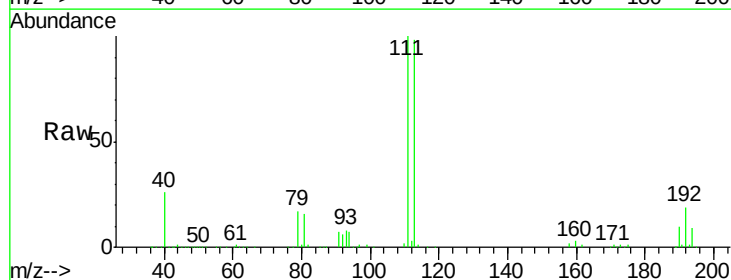
Tgt Ion:113 Resp: 122117

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

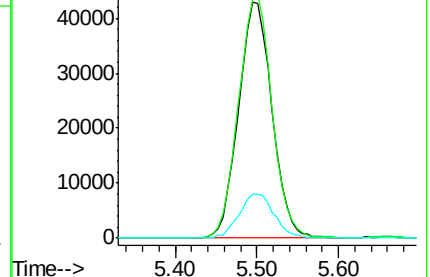
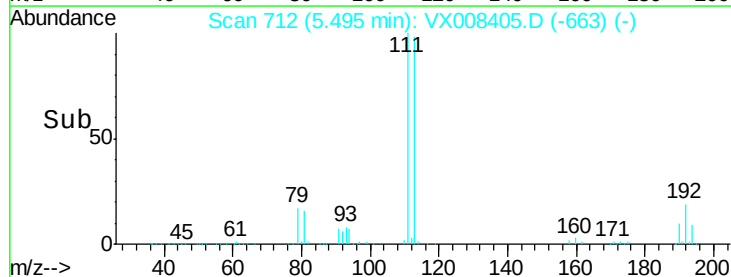
192 19.5 19.4 29.0

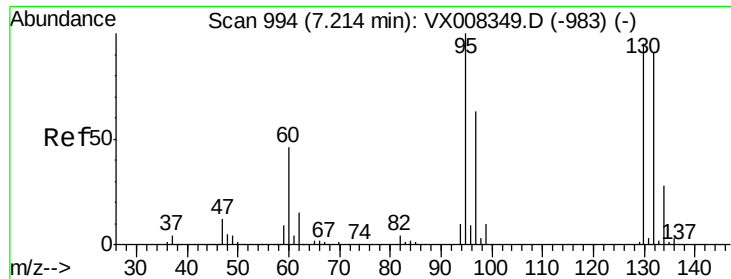


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 466.770 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008405.D

Acq: 24 Mar 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

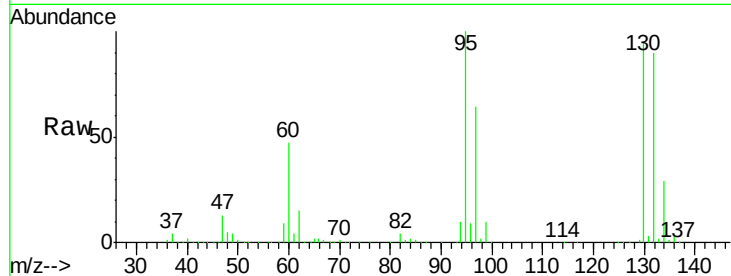
M3-T1-UV(PRE)

Tot Ion:130 Resp: 1310754

Ion Ratio Lower Upper

130 100

95 105.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

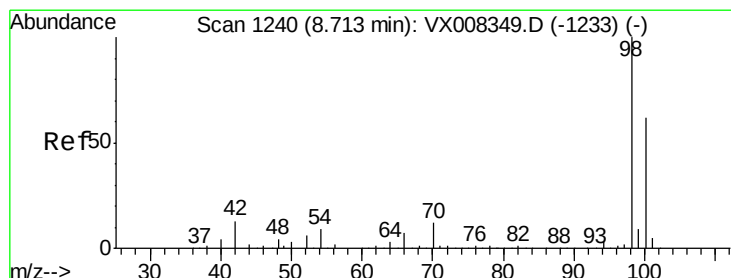
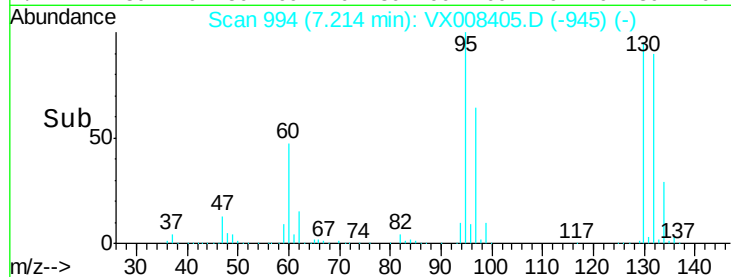
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: 49.299 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008405.D

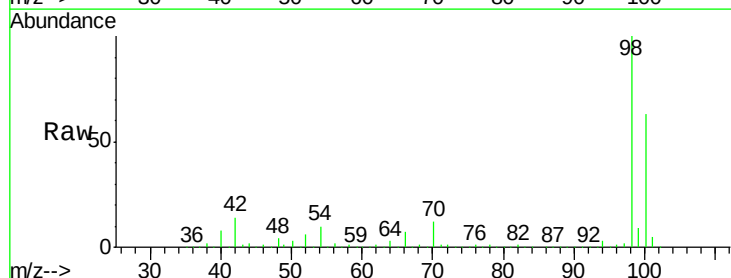
Acq: 24 Mar 2019 20:21

Tgt Ion: 98 Resp: 490906

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

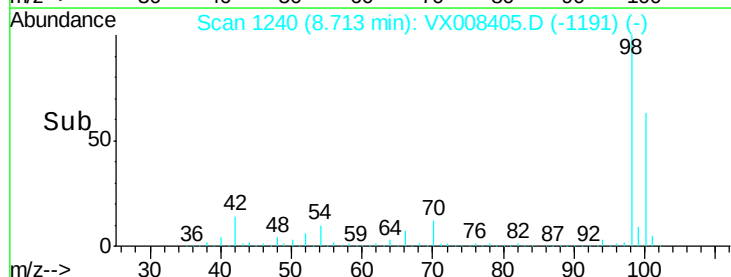
300000

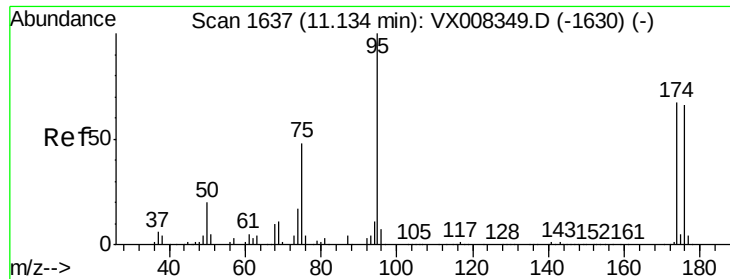
200000

100000

0

Time-->

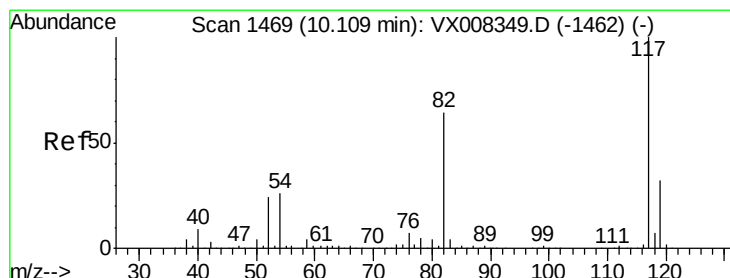
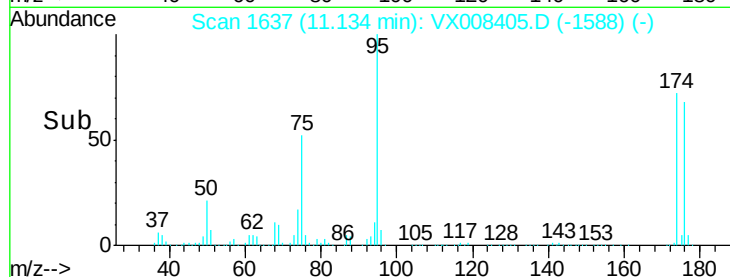
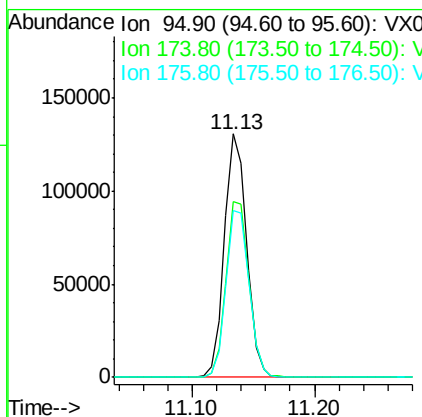
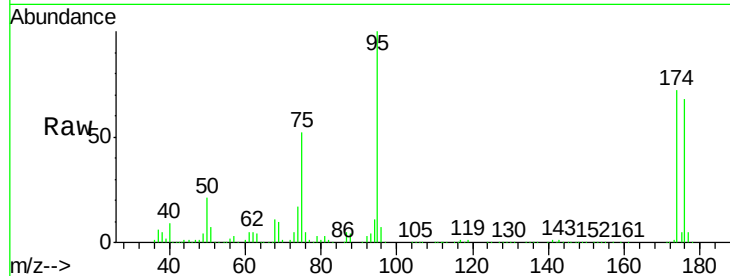




#62
4-Bromofluorobenzene
Concen: 45.006 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008405.D
Acq: 24 Mar 2019 20:21

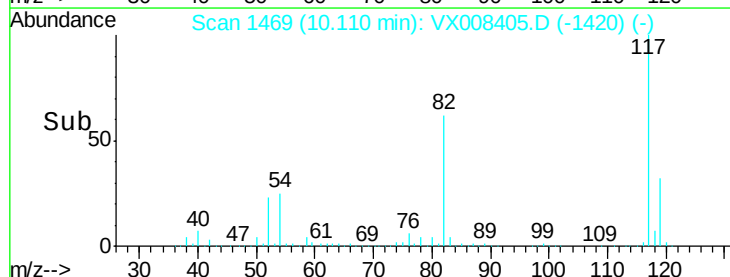
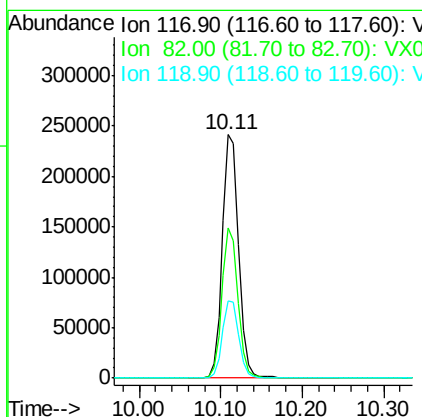
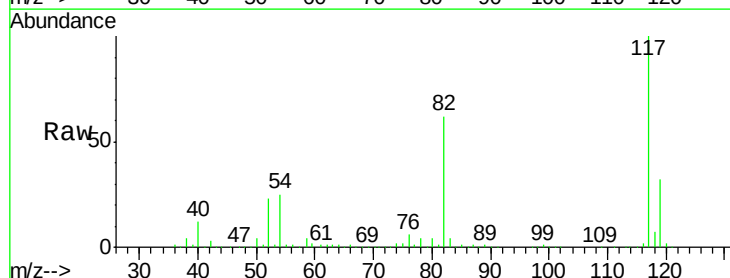
Instrument :
MSVOA_X
ClientSampleId :
M3-T1-UV(PRE)

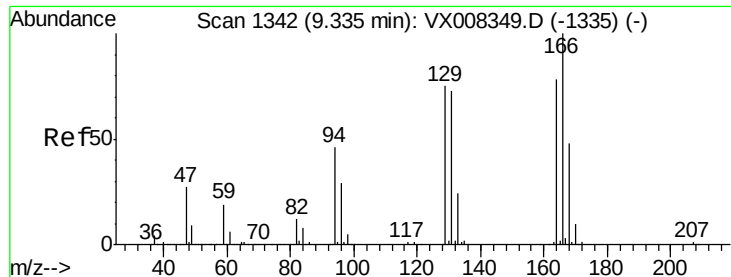
Tot Ion: 95 Resp: 164547
Ion Ratio Lower Upper
95 100
174 74.2 0.0 182.8
176 71.0 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008405.D
Acq: 24 Mar 2019 20:21

Tgt Ion: 117 Resp: 334209
Ion Ratio Lower Upper
117 100
82 61.6 44.3 66.5
119 31.8 25.3 37.9

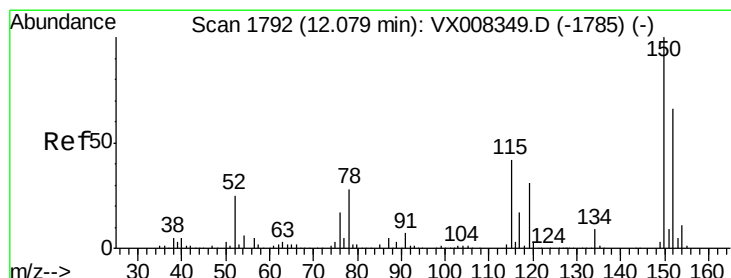
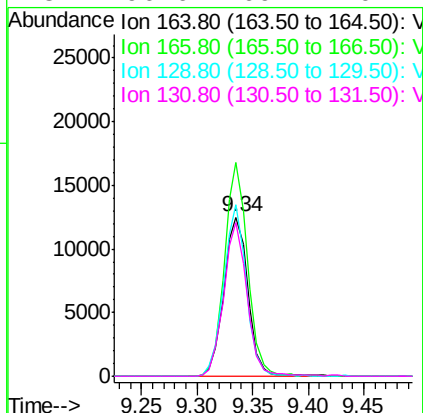
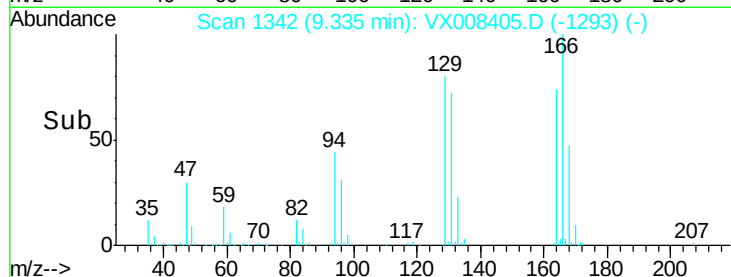
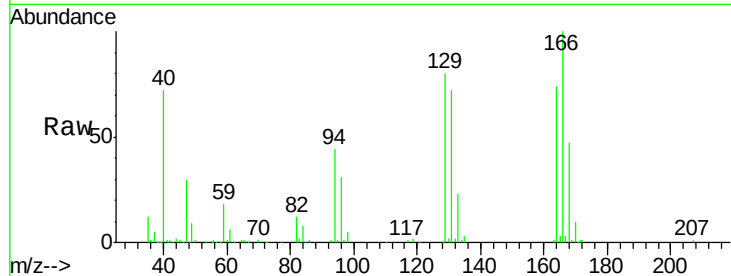




#64
 Tetrachloroethene
 Concen: 8.562 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: VX008405.D
 Acq: 24 Mar 2019 20:21

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T1-UV(PRE)

Tot Ion:	164	Resp:	18713
Ion	Ratio	Lower	Upper
164	100		
166	134.2	103.4	155.0
129	107.5	72.2	108.4
131	96.6	69.4	104.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008405.D
 Acq: 24 Mar 2019 20:21

Tgt Ion:	152	Resp:	137900
Ion	Ratio	Lower	Upper
152	100		
115	61.1	38.6	115.7
150	157.3	0.0	348.4

