

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
 Data File : VX008426.D
 Acq On : 25 Mar 2019 21:46
 Operator : JC/SP
 Sample : K1945-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T1-UV(PRE)

Quant Time: Mar 26 06:55:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

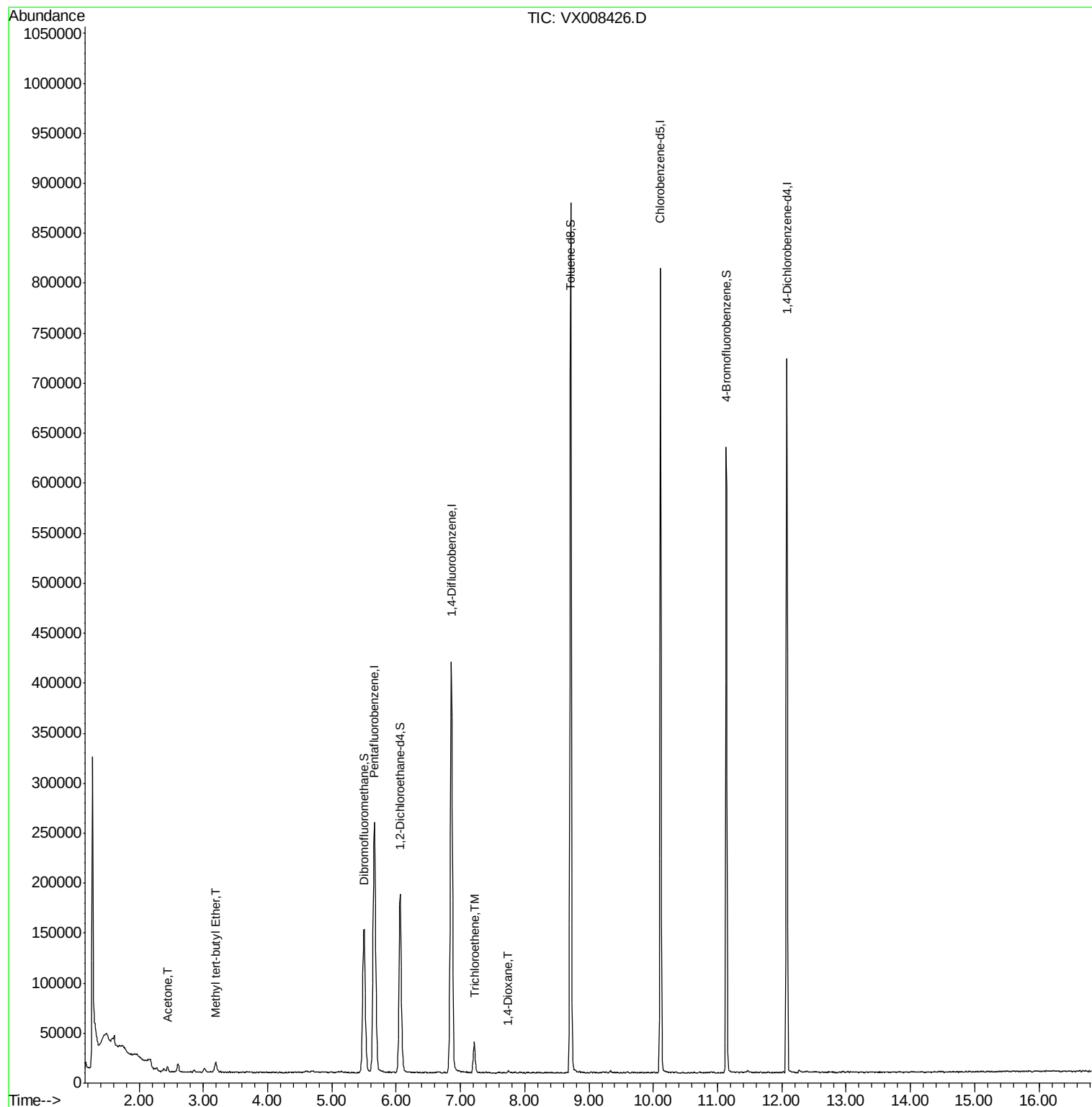
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398454	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	169012	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	5.50	113	125392	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	8.71	98	502647	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.13	95	170454	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
Target Compounds						
16) Acetone	2.44	43	5807	3.122	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	10765	1.094	ug/l	97
44) Trichloroethene	7.21	130	11369	3.807	ug/l	98
49) 1,4-Dioxane	7.74	88	1474	16.830	ug/l #	87

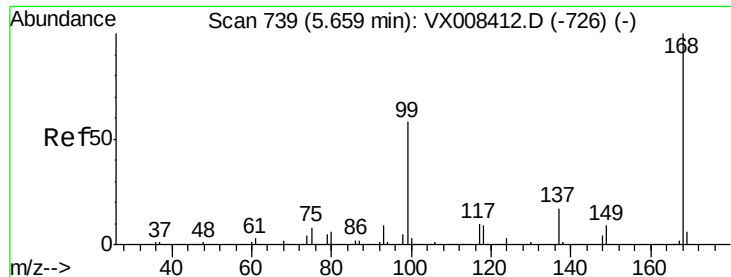
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:58:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008426.D

Acq: 25 Mar 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

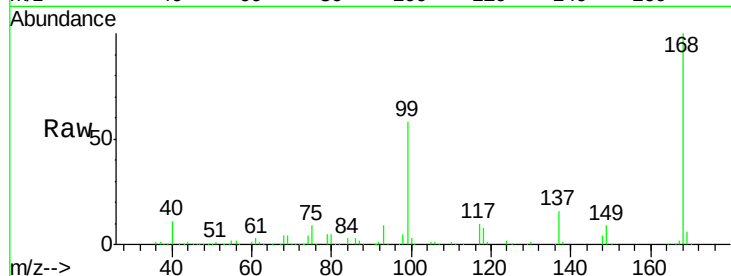
M4-T1-UV(PRE)

Tot Ion:168 Resp: 234710

Ion Ratio Lower Upper

168 100

99 58.2 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

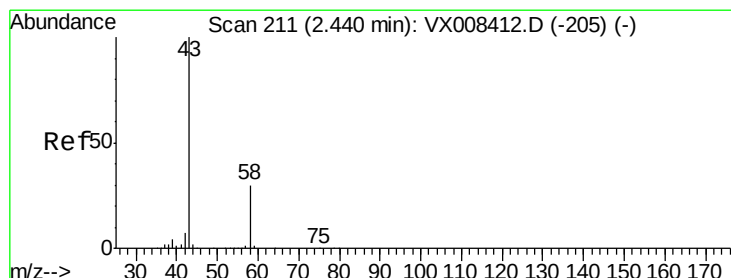
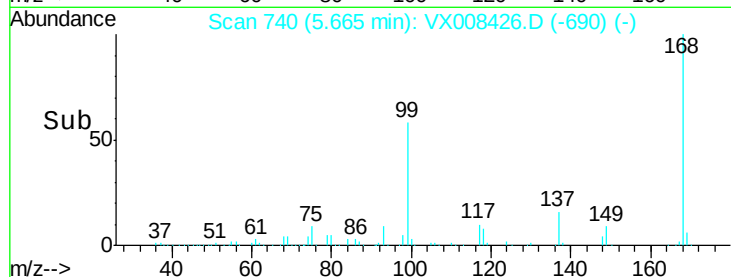
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 3.122 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008426.D

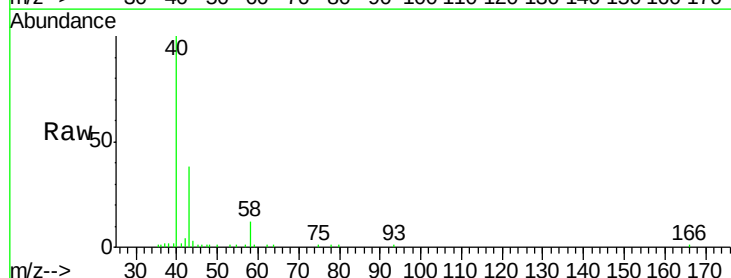
Acq: 25 Mar 2019 21:46

Tgt Ion: 43 Resp: 5807

Ion Ratio Lower Upper

43 100

58 30.4 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

3000

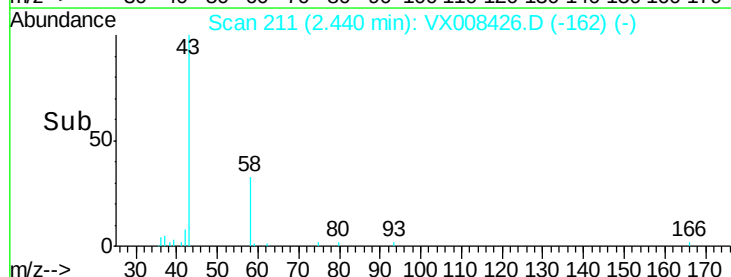
2000

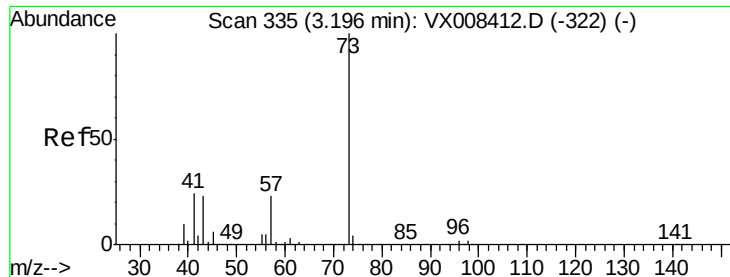
1000

0

Time-->

2.35 2.40 2.45 2.50



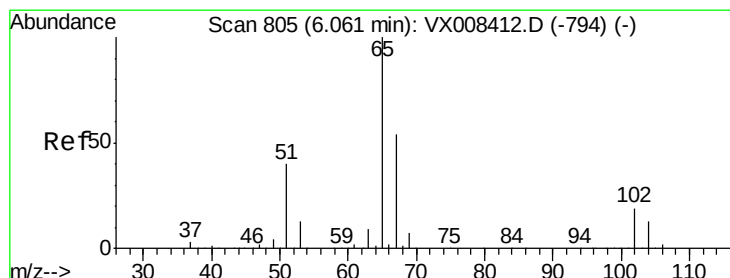
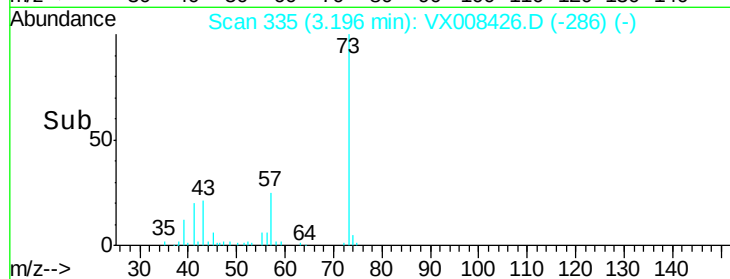
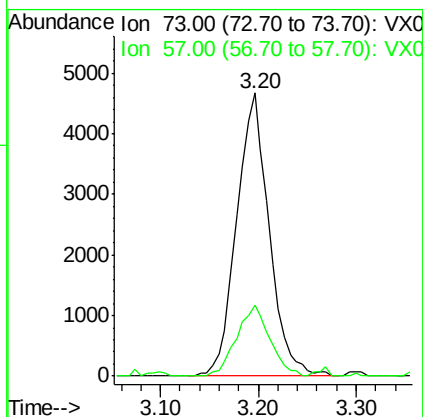
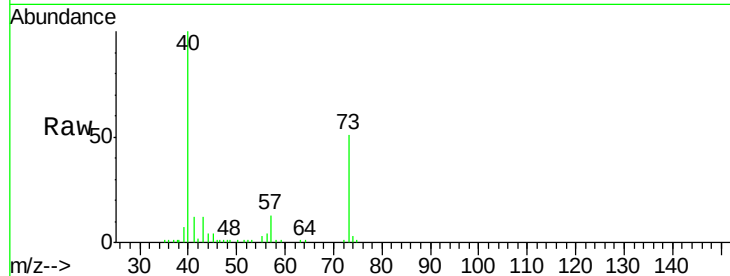


#19

Methyl tert-butyl Ether
 Concen: 1.094 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008426.D
 Acq: 25 Mar 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T1-UV(PRE)

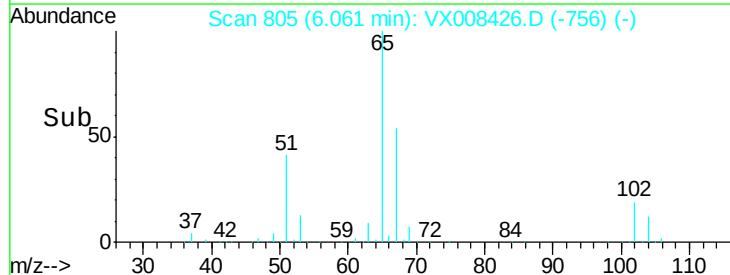
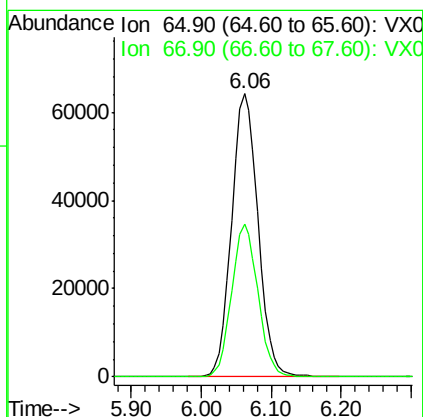
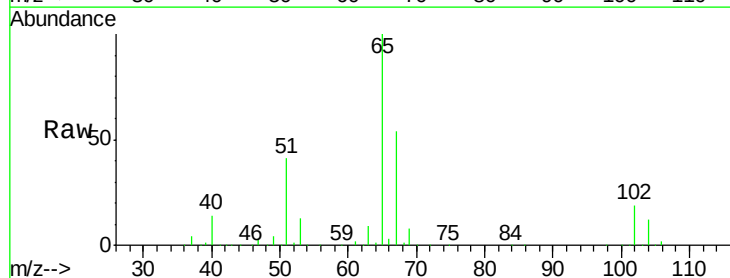
Tot Ion: 73 Resp: 10765
 Ion Ratio Lower Upper
 73 100
 57 24.9 18.6 28.0

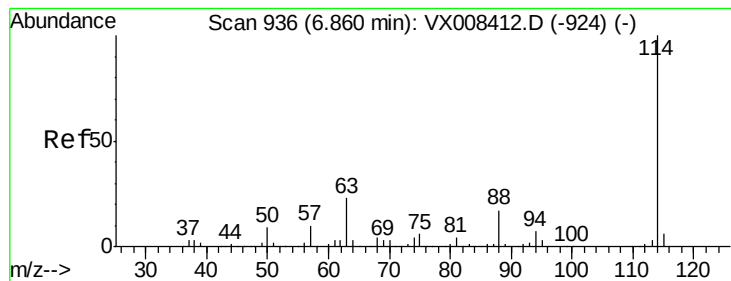


#33

1,2-Dichloroethane-d4
 Concen: 47.498 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008426.D
 Acq: 25 Mar 2019 21:46

Tgt Ion: 65 Resp: 169012
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008426.D

Acq: 25 Mar 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

M4-T1-UV(PRE)

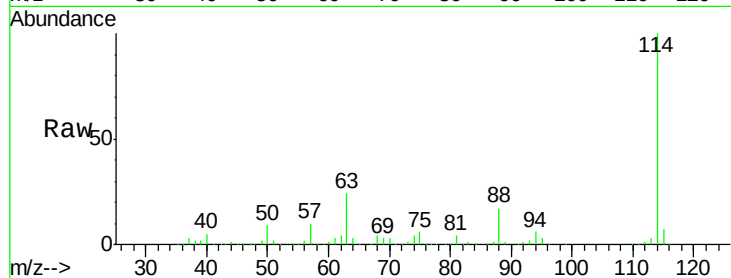
Tot Ion:114 Resp: 398454

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.4

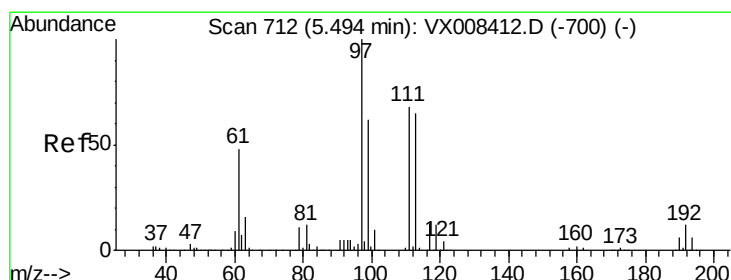
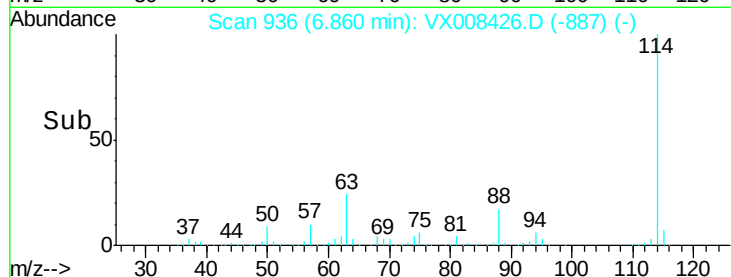
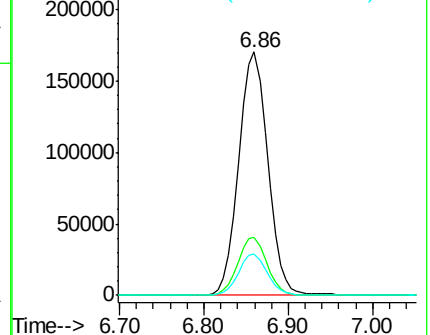
88 17.0 0.0 33.2



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: 48.263 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008426.D

Acq: 25 Mar 2019 21:46

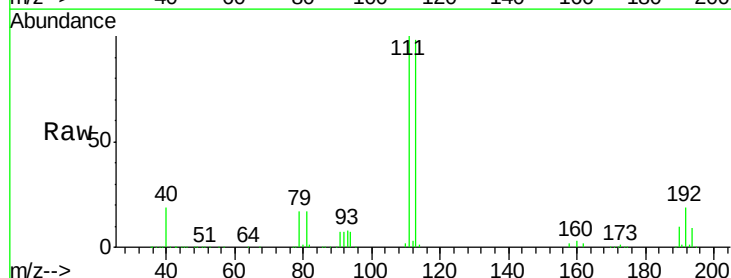
Tgt Ion:113 Resp: 125392

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

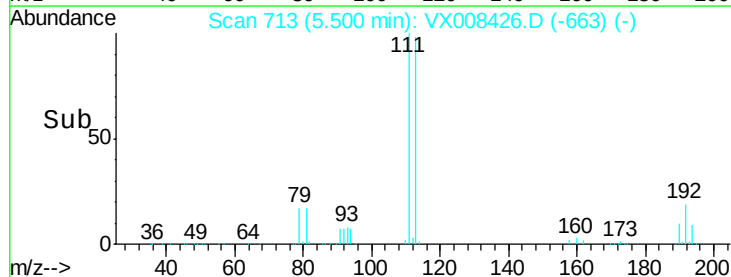
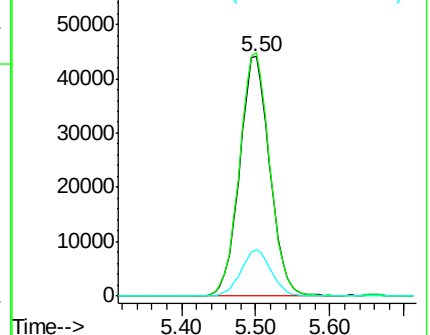
192 19.5 15.6 23.4

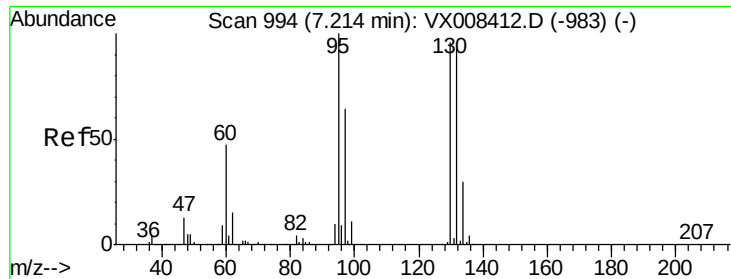


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.807 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008426.D

Acq: 25 Mar 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

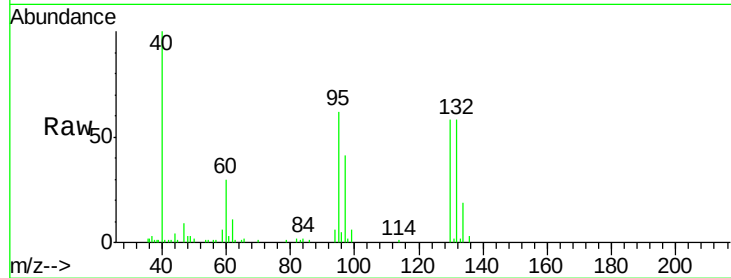
M4-T1-UV(PRE)

Tot Ion:130 Resp: 11369

Ion Ratio Lower Upper

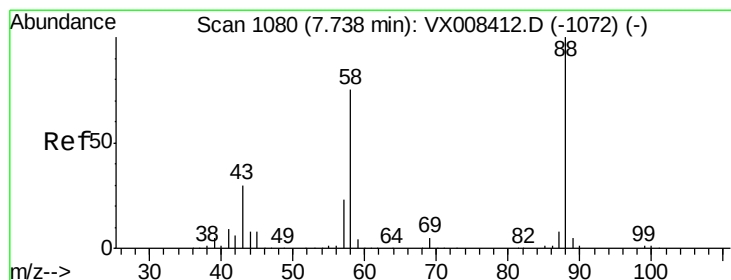
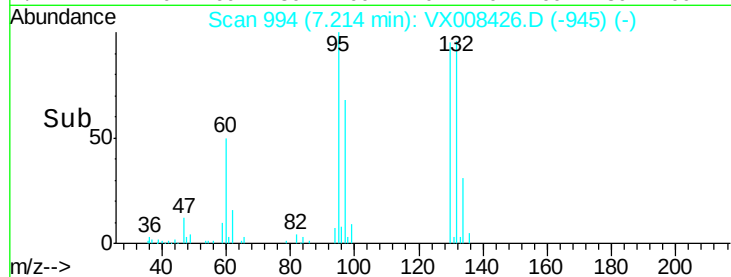
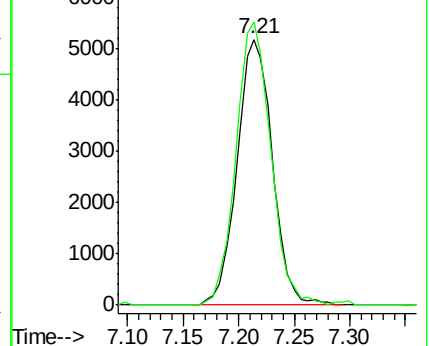
130 100

95 106.6 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 16.830 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX008426.D

Acq: 25 Mar 2019 21:46

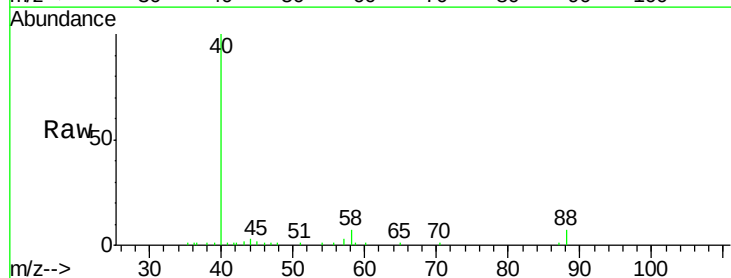
Tgt Ion: 88 Resp: 1474

Ion Ratio Lower Upper

88 100

43 47.8 28.6 43.0#

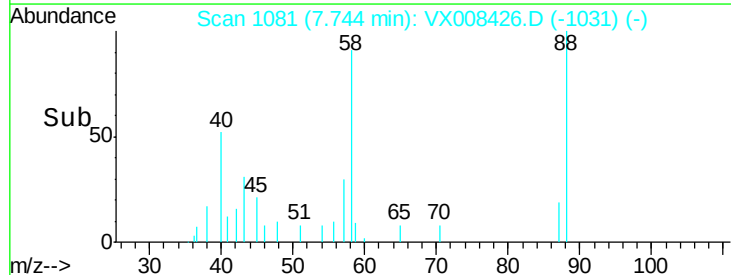
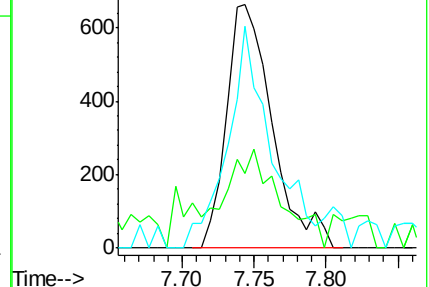
58 86.6 63.0 94.4

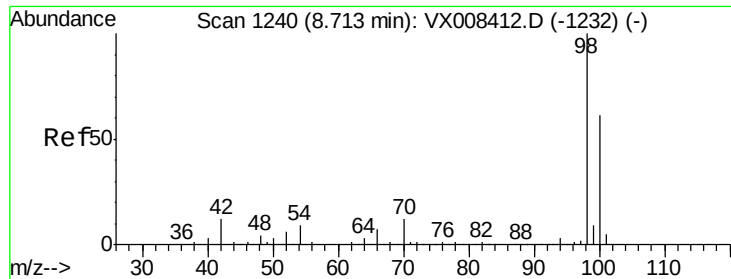


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

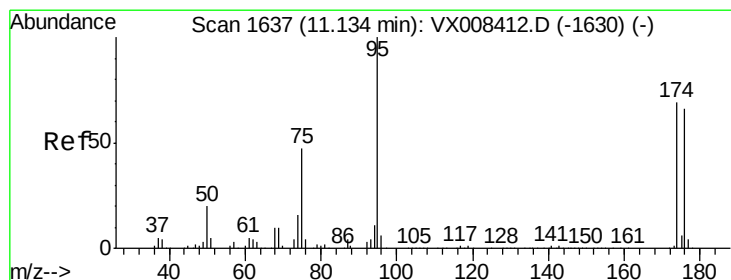
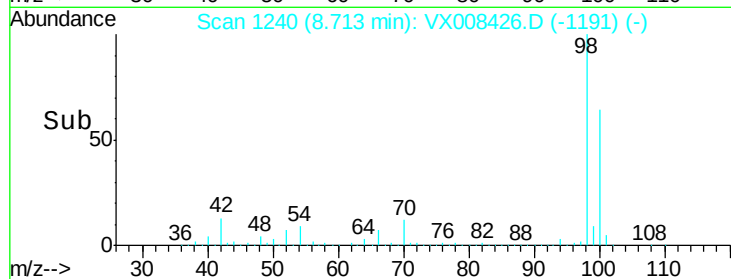
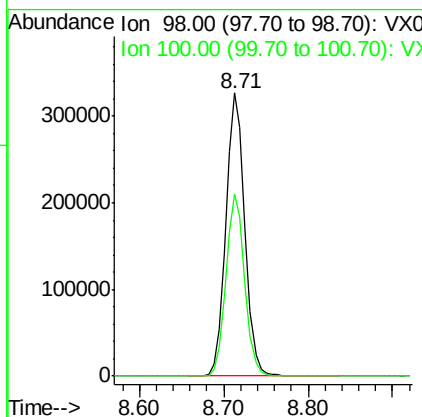
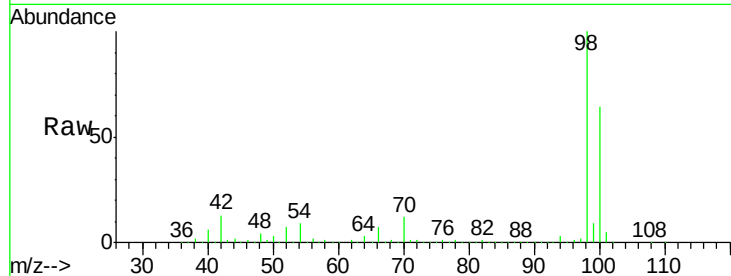




#50
Toluene-d8
Concen: 48.384 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008426.D
Acq: 25 Mar 2019 21:46

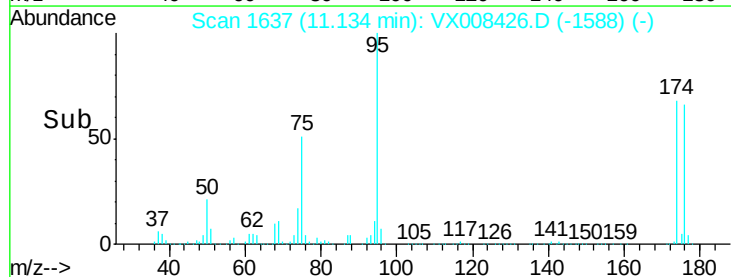
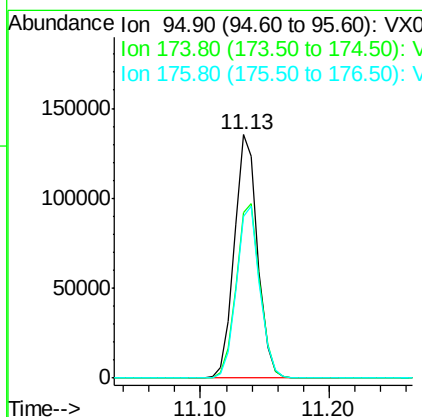
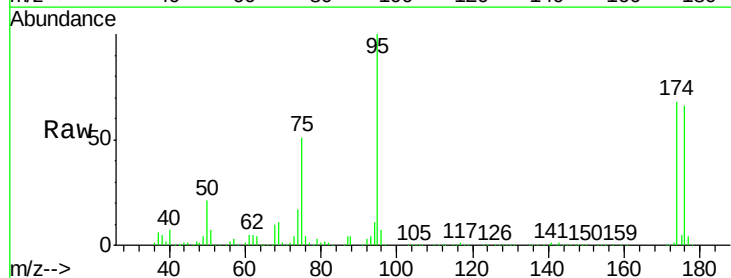
Instrument :
MSVOA_X
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M4-T1-UV(PRE)

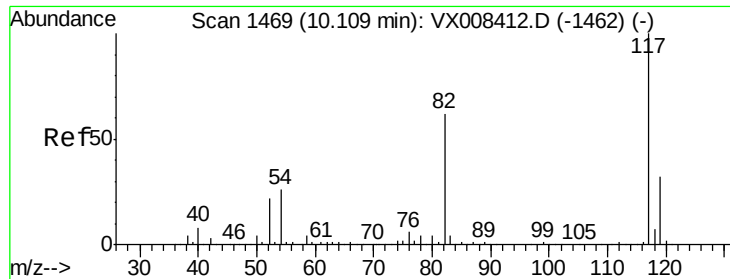
Tot Ion: 98 Resp: 502647
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.277 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008426.D
Acq: 25 Mar 2019 21:46

Tgt Ion: 95 Resp: 170454
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.2
176 70.8 0.0 142.4

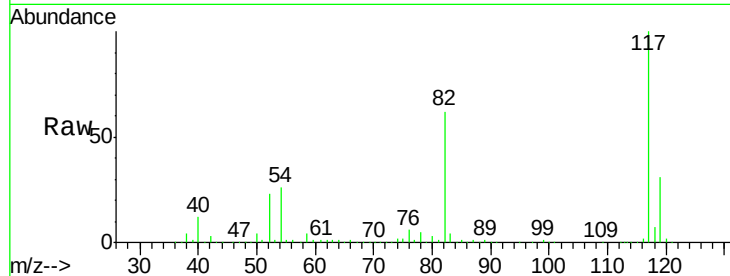




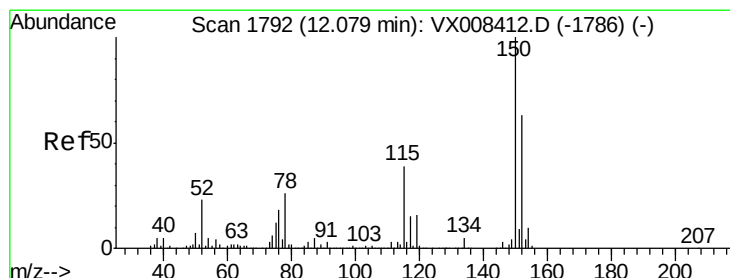
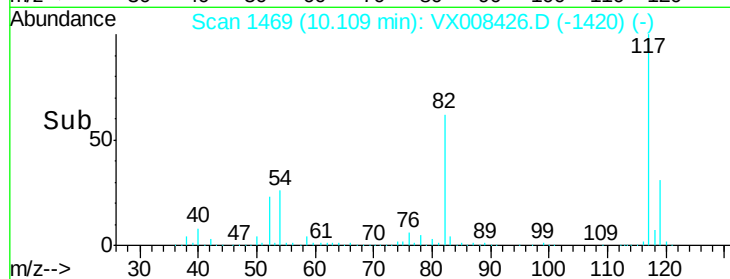
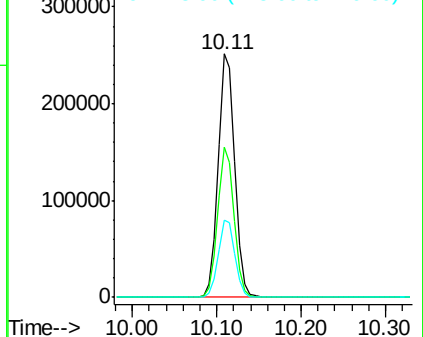
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008426.D
Acq: 25 Mar 2019 21:46

Instrument :
MSVOA_X
ClientSampleId :
M4-T1-UV(PRE)

Tot Ion:117 Resp: 343674
Ion Ratio Lower Upper
117 100
82 61.8 49.4 74.2
119 31.5 25.4 38.0

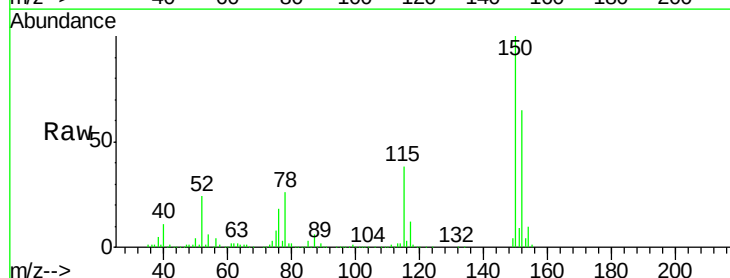


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008426.D
Acq: 25 Mar 2019 21:46

Tgt Ion:152 Resp: 141996
Ion Ratio Lower Upper
152 100
115 60.7 43.5 130.5
150 156.3 0.0 348.8



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

