

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024786.D
 Acq On : 21 Jun 2018 03:39
 Operator : MD/SY
 Sample : J3585-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW03

Quant Time: Jun 21 10:19:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

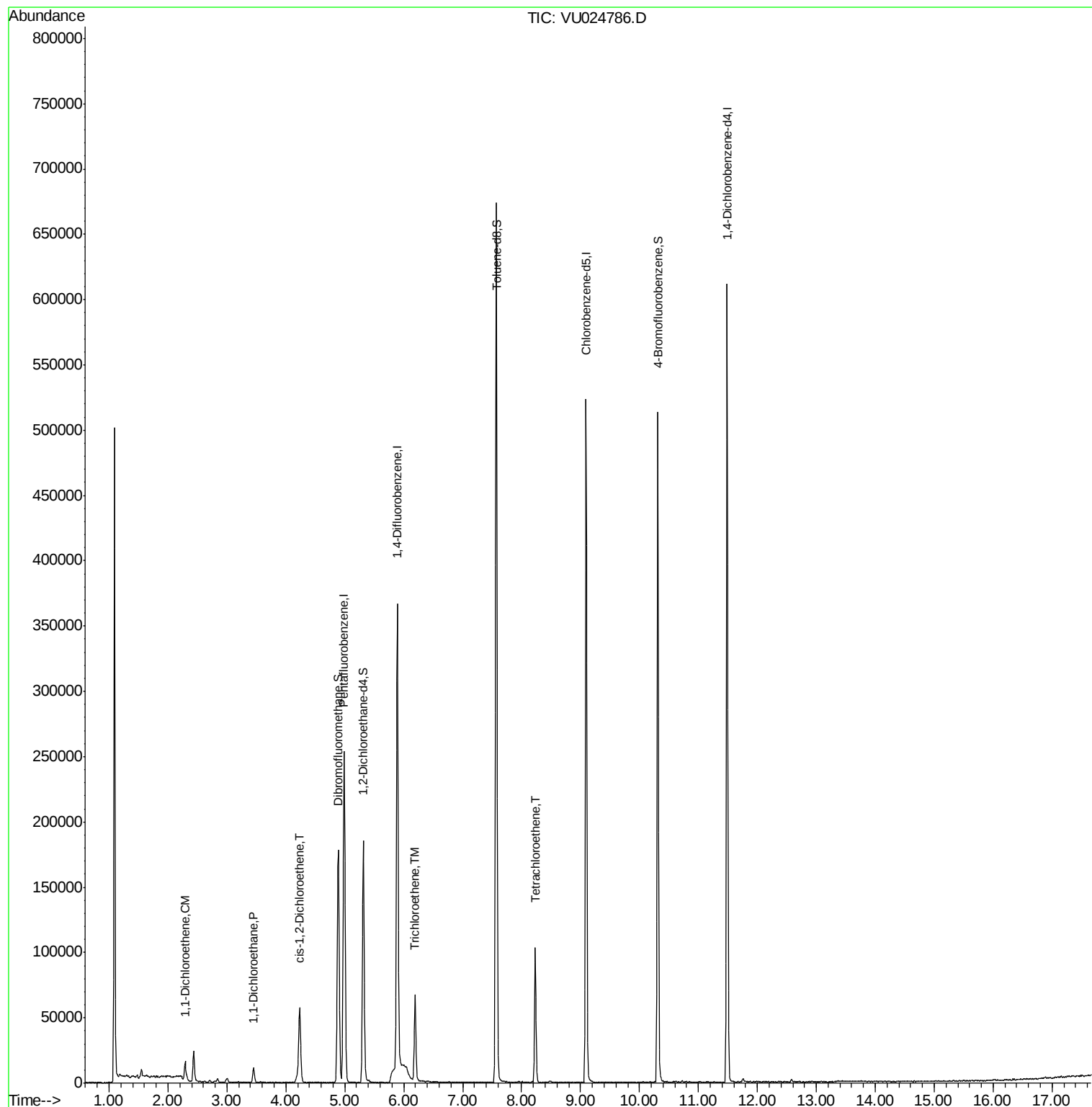
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	196617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	307212	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	292043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	141635	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
35) Dibromofluoromethane	4.89	113	119929	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
50) Toluene-d8	7.57	98	447091	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	10.31	95	163410	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
12) 1,1-Dichloroethene	2.29	96	5253	2.35	ug/l	Qvalue 84
24) 1,1-Dichloroethane	3.45	63	13091	2.76	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	32551	11.48	ug/l	88
44) Trichloroethene	6.19	130	22797	7.79	ug/l	99
64) Tetrachloroethene	8.23	164	23385	8.42	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024786.D

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MSVOA_U

ClientSampleId :

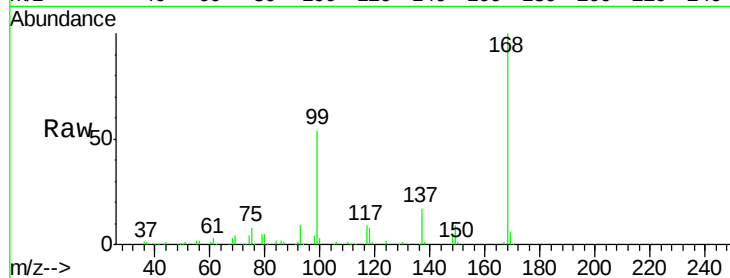
CKMW03

Tot Ion:168 Resp: 196617

Ion Ratio Lower Upper

168 100

99 54.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

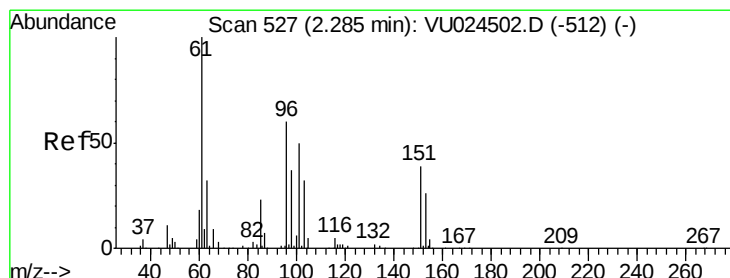
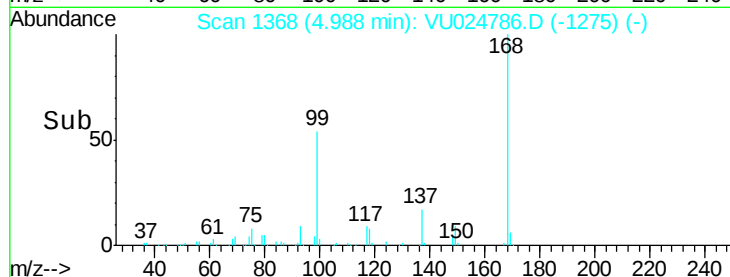
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 2.35 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024786.D

Acq: 21 Jun 2018 03:39

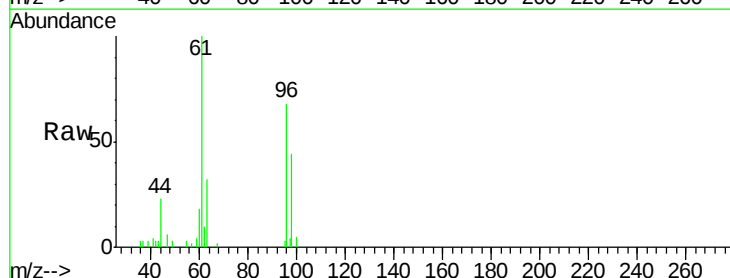
Tgt Ion: 96 Resp: 5253

Ion Ratio Lower Upper

96 100

61 146.7 141.7 212.5

98 64.3 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

2.29

6000

5000

4000

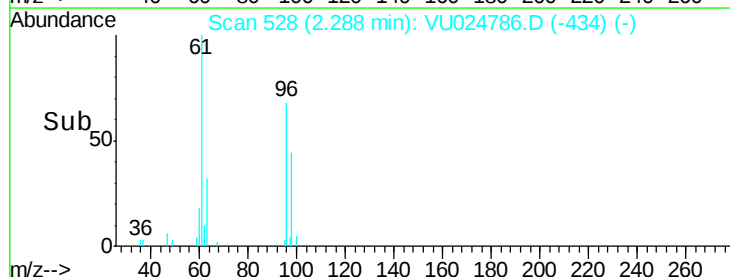
3000

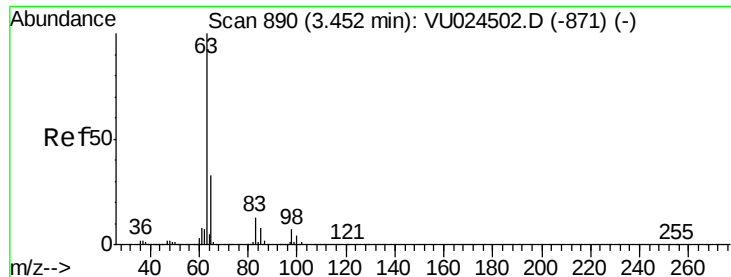
2000

1000

0

Time-->





#24

1,1-Dichloroethane

Concen: 2.76 ug/l

RT: 3.45 min Scan# 890

Delta R.T. -0.00 min

Lab File: VU024786.D

Acq: 21 Jun 2018 03:39

Instrument :

MSVOA_U

ClientSampleId :

CKMW03

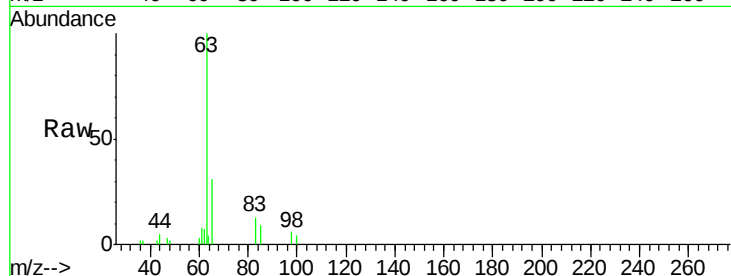
Tot Ion: 63 Resp: 13091

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

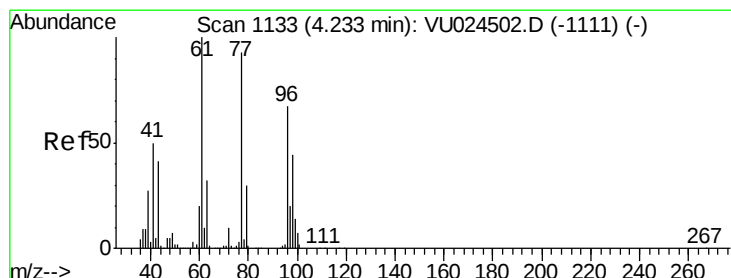
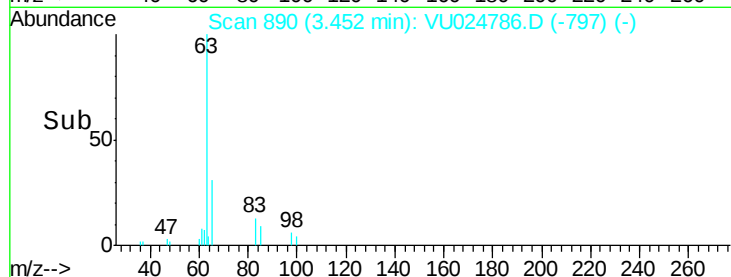
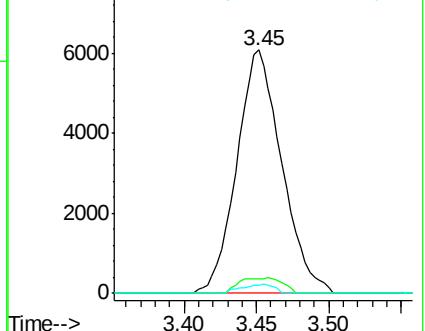
100 3.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU024786.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024786.D (-1040) (-)

Ion 99.90 (99.60 to 100.60): VU024786.D (-1040) (-)



#27

cis-1,2-Dichloroethene

Concen: 11.48 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024786.D

Acq: 21 Jun 2018 03:39

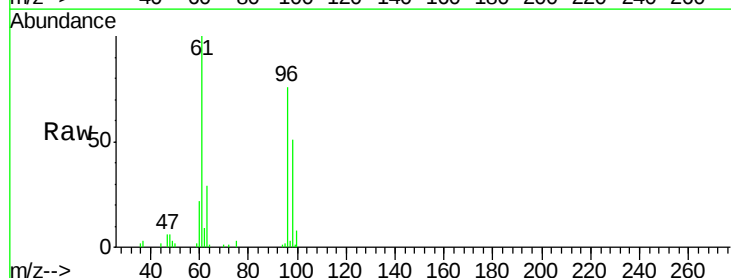
Tgt Ion: 96 Resp: 32551

Ion Ratio Lower Upper

96 100

61 130.8 0.0 306.6

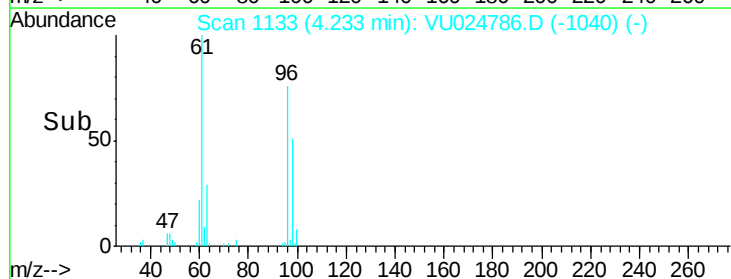
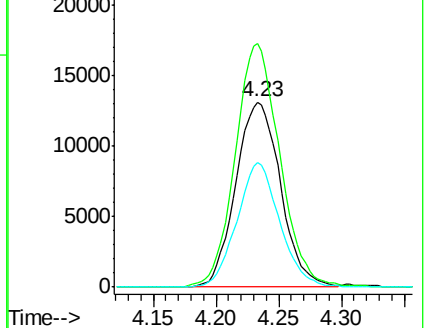
98 64.1 0.0 128.8

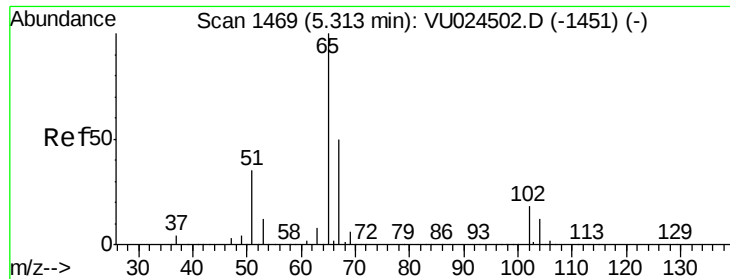


Abundance Ion 95.90 (95.60 to 96.60): VU024786.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024786.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024786.D (-1040) (-)

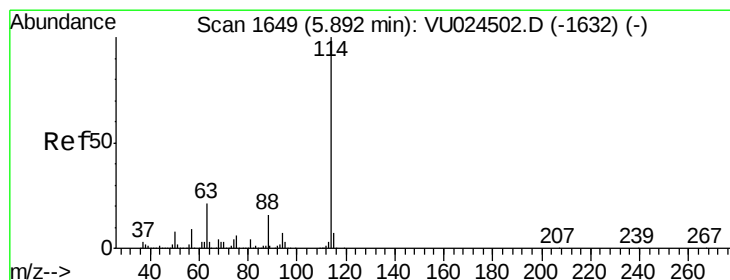
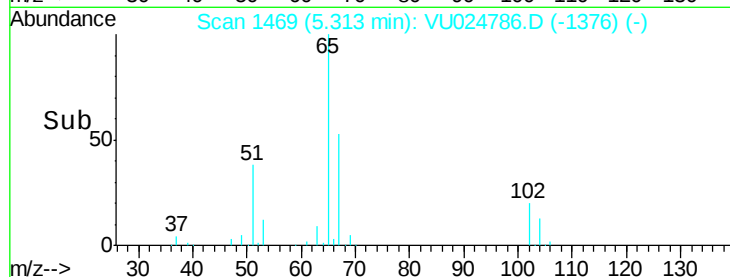
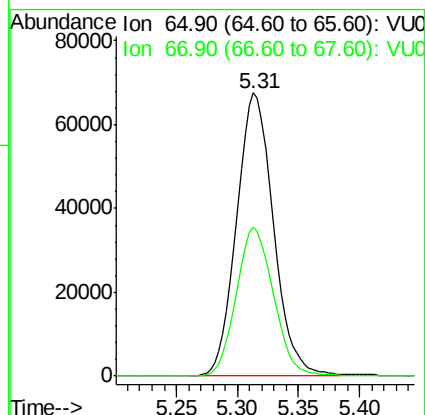
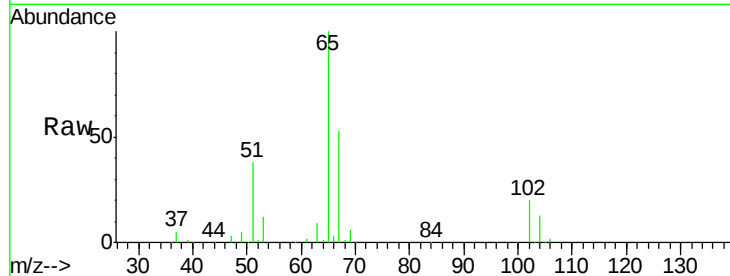




#33
 1,2-Dichloroethane-d4
 Concen: 44.13 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024786.D
 Acq: 21 Jun 2018 03:39

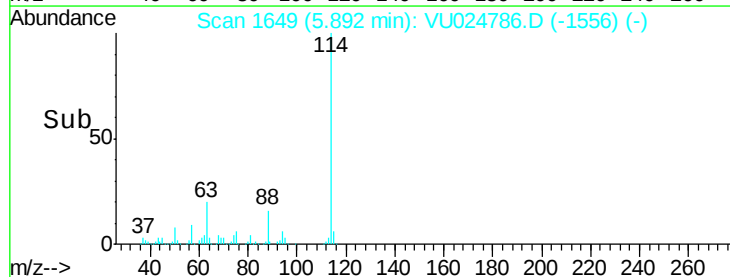
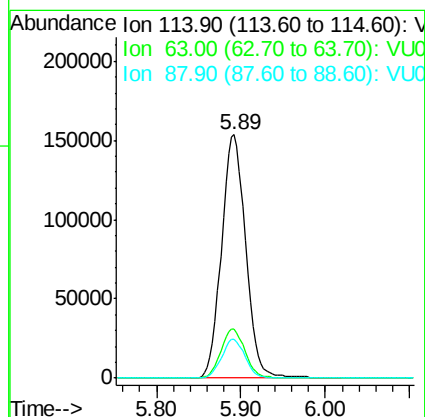
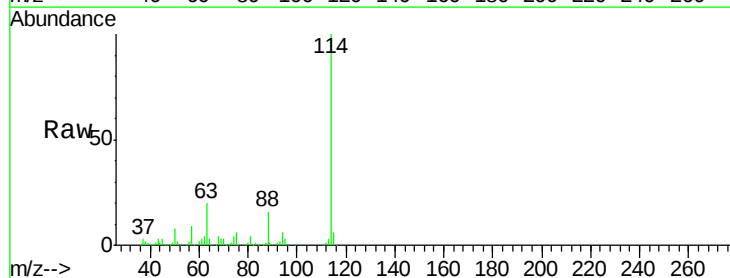
Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW03

Tot Ion: 65 Resp: 141635
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024786.D
 Acq: 21 Jun 2018 03:39

Tgt Ion: 114 Resp: 307212
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 45.4
 88 16.2 0.0 31.0

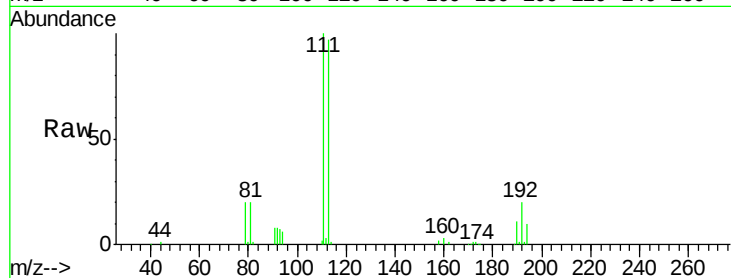




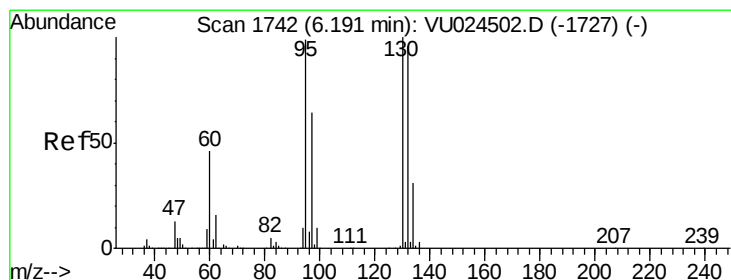
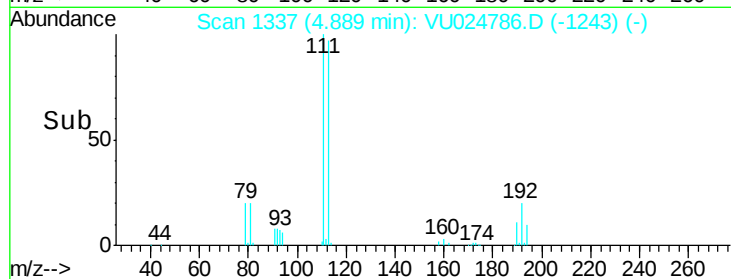
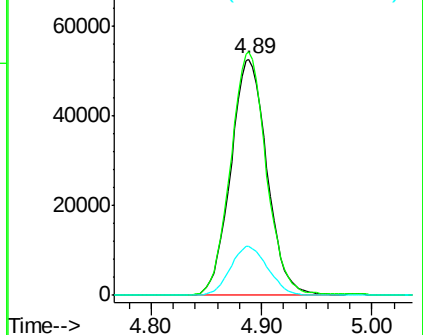
#35
Dibromofluoromethane
Concen: 47.04 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024786.D
Acq: 21 Jun 2018 03:39

Instrument :
MSVOA_U
ClientSampleId :
CKMW03

Tot Ion:113 Resp: 119929
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 21.4 16.2 24.4

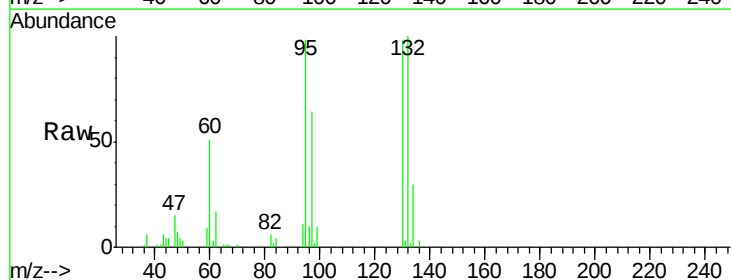


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

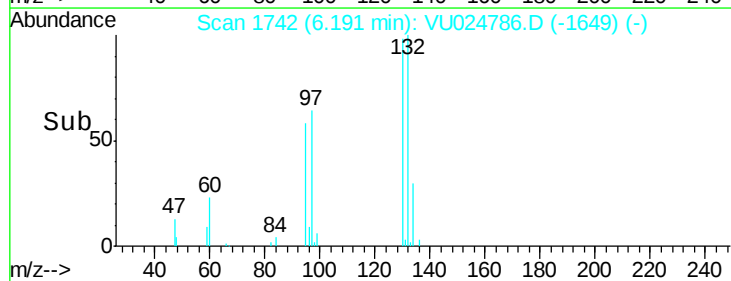
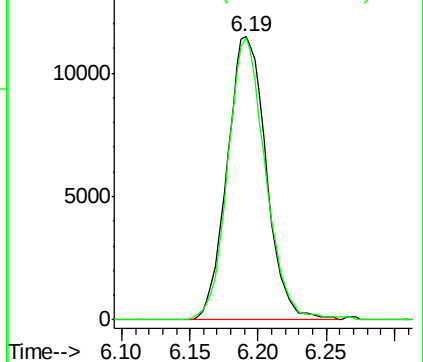


#44
Trichloroethene
Concen: 7.79 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VU024786.D
Acq: 21 Jun 2018 03:39

Tgt Ion:130 Resp: 22797
Ion Ratio Lower Upper
130 100
95 99.9 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 48.07 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024786.D

Acq: 21 Jun 2018 03:39

Instrument :

MSVOA_U

ClientSampleId :

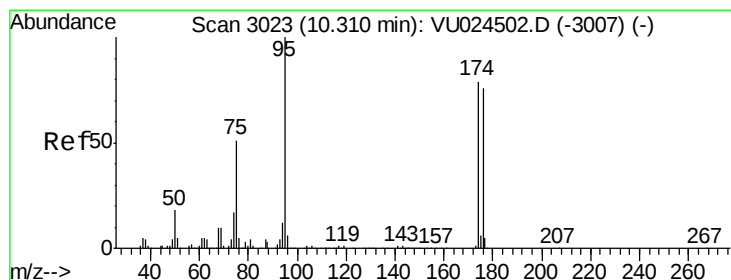
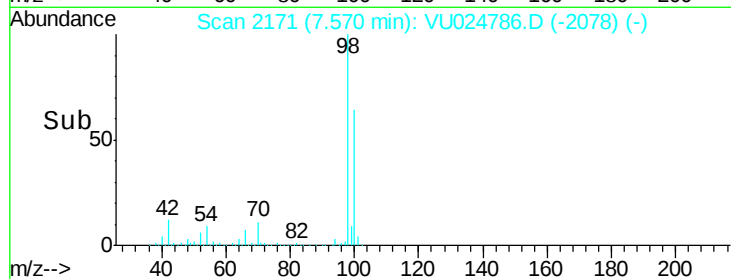
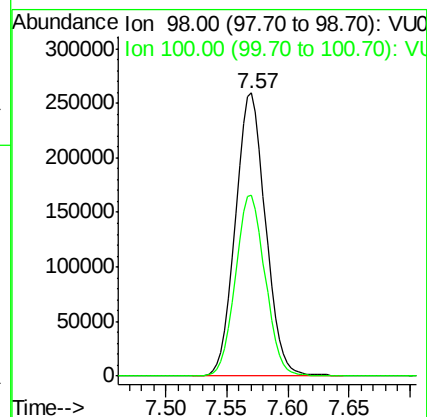
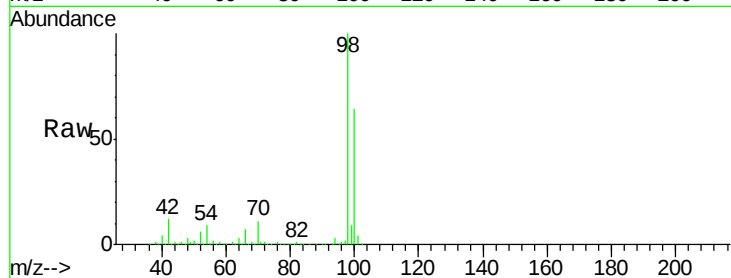
CKMW03

Tot Ion: 98 Resp: 447091

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.25 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024786.D

Acq: 21 Jun 2018 03:39

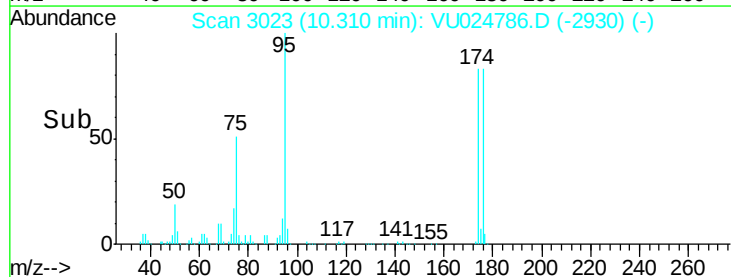
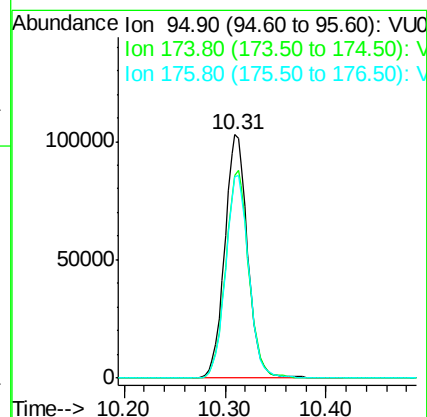
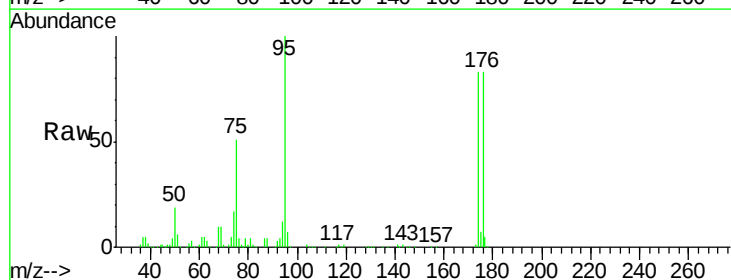
Tgt Ion: 95 Resp: 163410

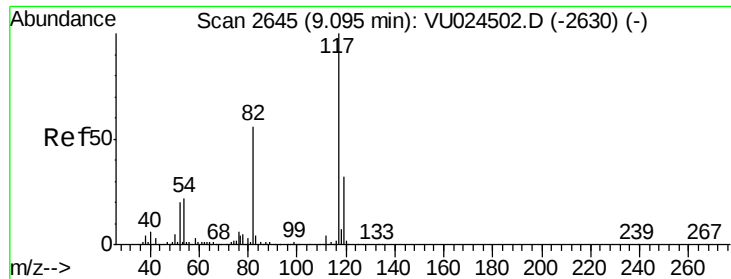
Ion Ratio Lower Upper

95 100

174 85.8 0.0 165.8

176 84.3 0.0 159.4

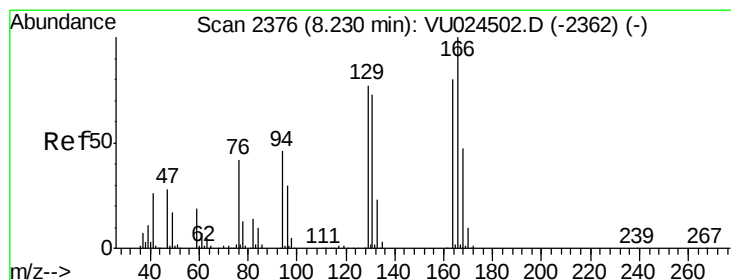
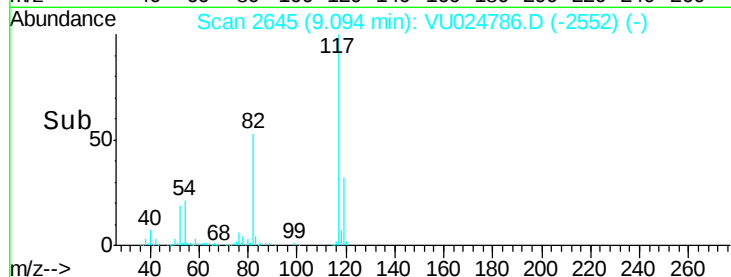
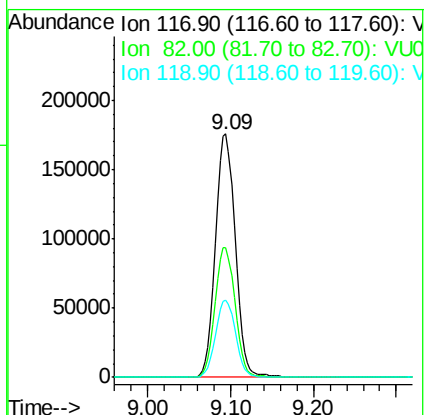
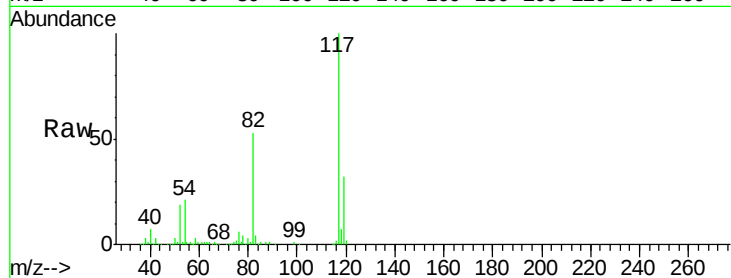




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024786.D
Acq: 21 Jun 2018 03:39

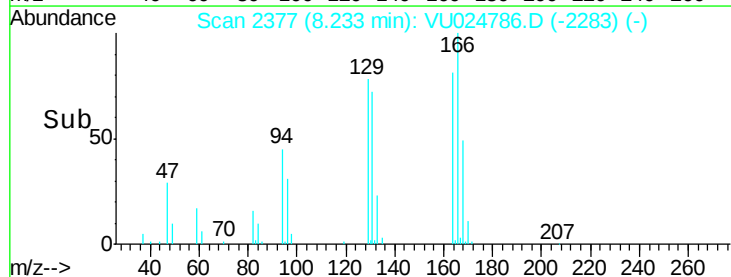
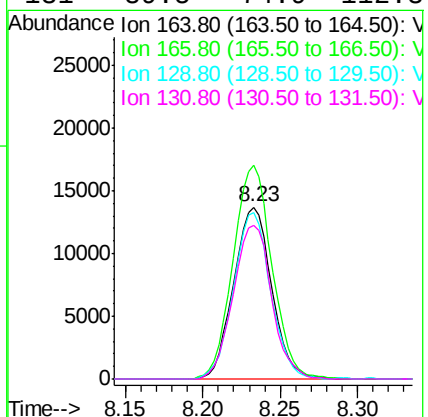
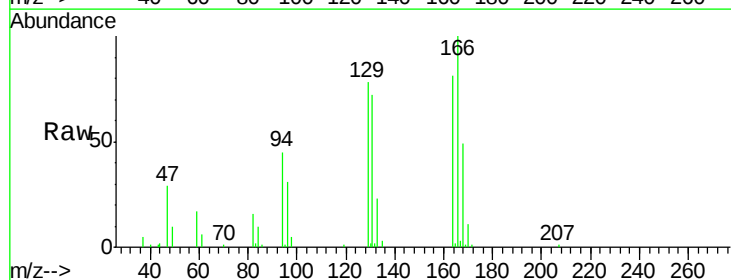
Instrument :
MSVOA_U
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CKMW03

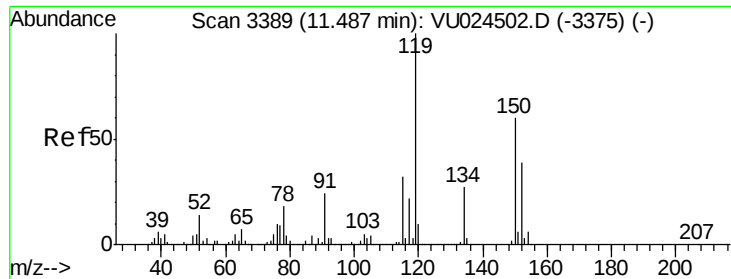
Tot Ion:117 Resp: 292043
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 8.42 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024786.D
Acq: 21 Jun 2018 03:39

Tgt Ion:164 Resp: 23385
Ion Ratio Lower Upper
164 100
166 124.2 101.7 152.5
129 97.1 76.9 115.3
131 89.5 74.9 112.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024786.D

Acq: 21 Jun 2018 03:39

Instrument :

MSVOA_U

ClientSampleId :

CKMW03

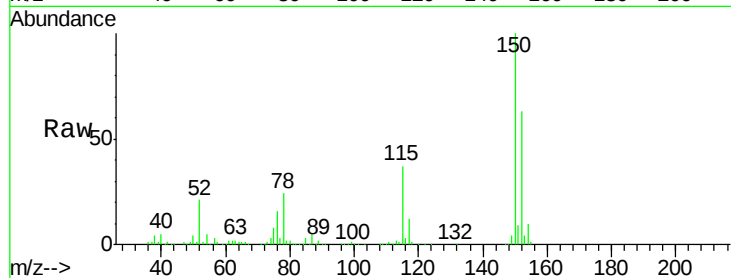
Tot Ion:152 Resp: 156301

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

150 156.8 0.0 354.0



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

