

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024562.D
 Acq On : 15 Jun 2018 00:36
 Operator : MD/SY
 Sample : J3452-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS027-180611

Quant Time: Jun 15 05:33:22 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

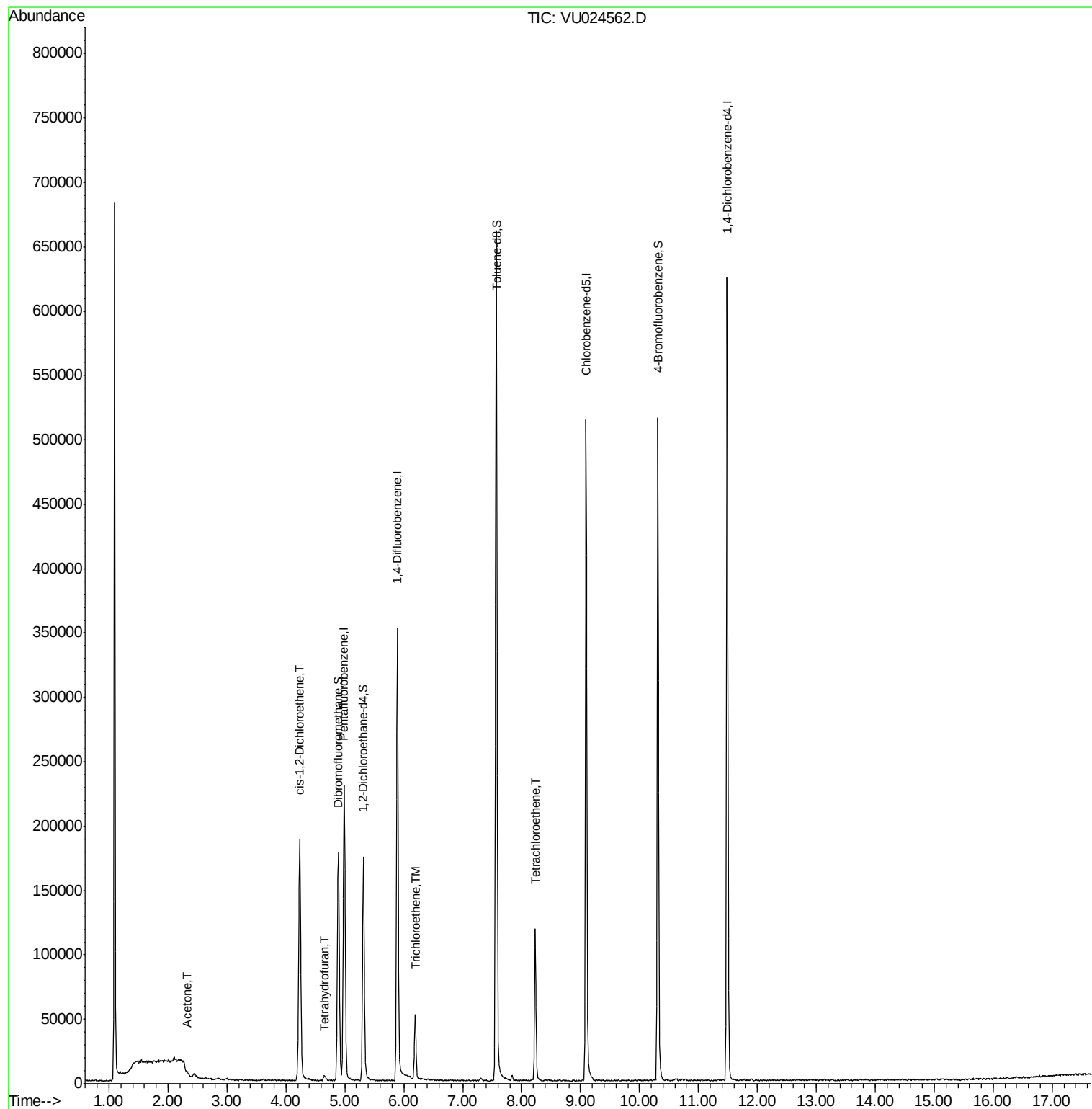
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	182987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308371	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	171424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	136424	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
35) Dibromofluoromethane	4.89	113	122201	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	7.57	98	457734	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	10.31	95	173129	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
Target Compounds						
16) Acetone	2.33	43	2601	1.620	ug/l	97
27) cis-1,2-Dichloroethene	4.24	96	110014	41.699	ug/l	85
29) Tetrahydrofuran	4.65	42	3369	2.523	ug/l #	88
44) Trichloroethene	6.19	130	18445	6.277	ug/l	94
64) Tetrachloroethene	8.23	164	27011	9.673	ug/l	94

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU024562.D

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Instrument :

MSVOA_U

ClientSampleId :

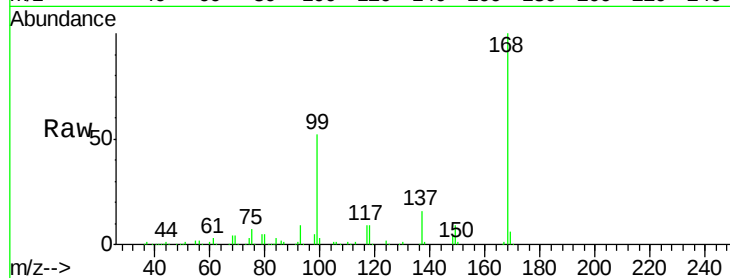
KY038PS027-180611

Tot Ion:168 Resp: 182987

Ion Ratio Lower Upper

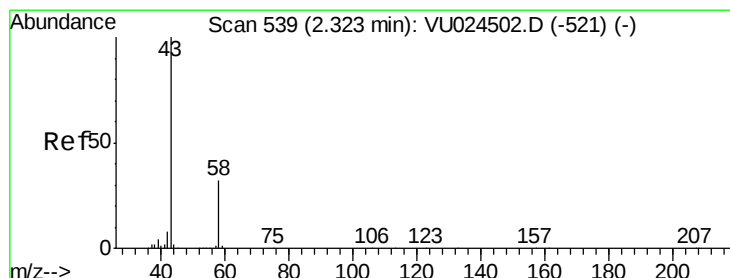
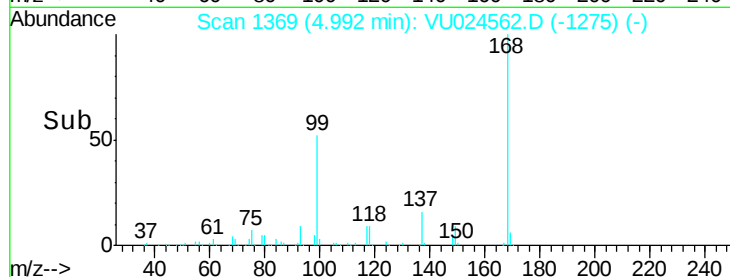
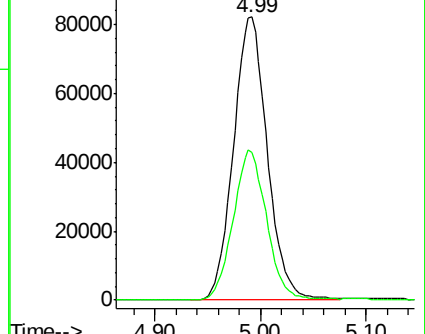
168 100

99 51.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#16

Acetone

Concen: 1.620 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024562.D

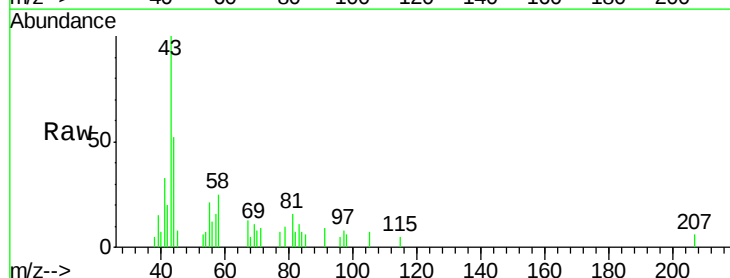
Acq: 15 Jun 2018 00:36

Tgt Ion: 43 Resp: 2601

Ion Ratio Lower Upper

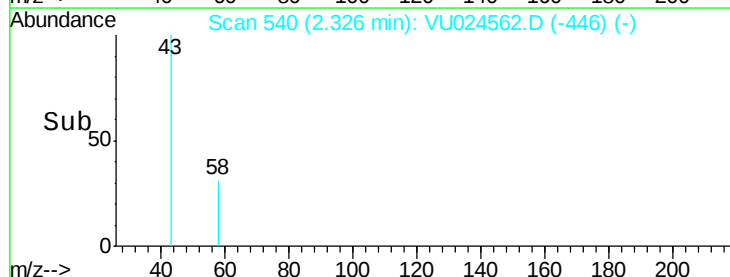
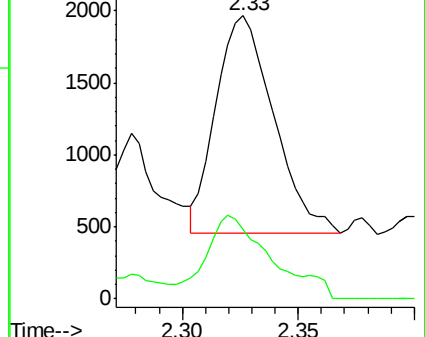
43 100

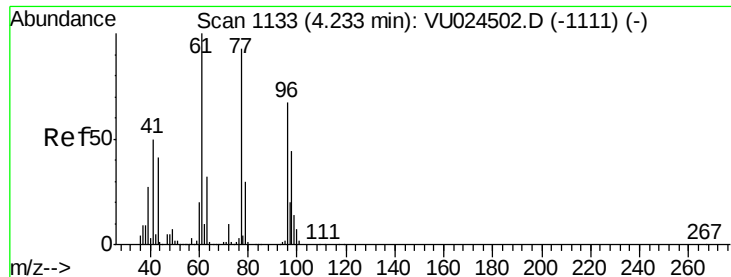
58 32.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)





#27

cis-1,2-Dichloroethene

Concen: 41.699 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024562.D

Acq: 15 Jun 2018 00:36

Instrument :

MSVOA_U

ClientSampleId :

KY038PS027-180611

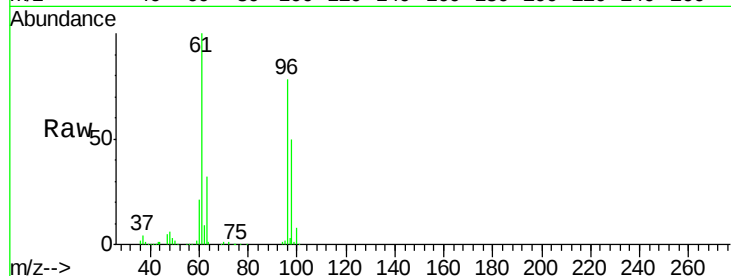
Tot Ion: 96 Resp: 110014

Ion Ratio Lower Upper

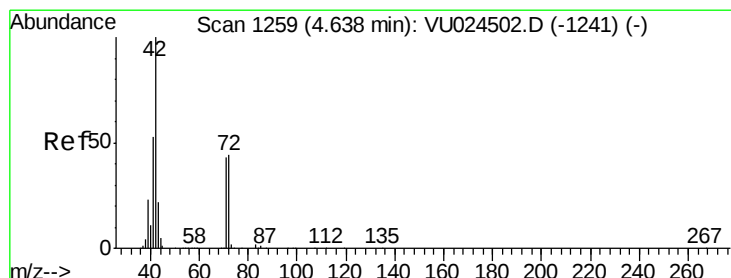
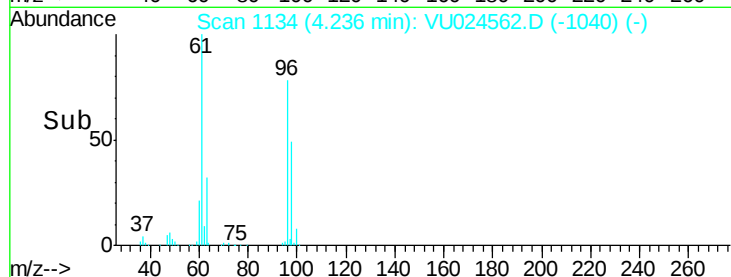
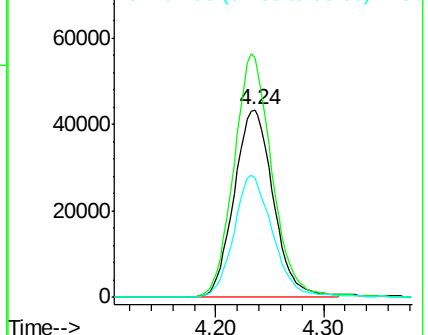
96 100

61 126.1 0.0 306.6

98 64.8 0.0 128.8



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



#29

Tetrahydrofuran

Concen: 2.523 ug/l

RT: 4.65 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VU024562.D

Acq: 15 Jun 2018 00:36

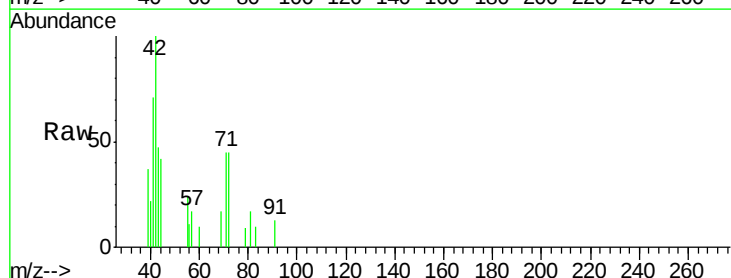
Tgt Ion: 42 Resp: 3369

Ion Ratio Lower Upper

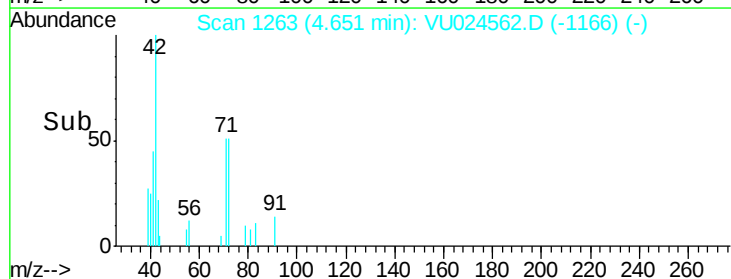
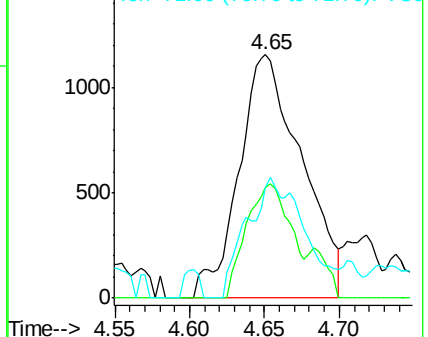
42 100

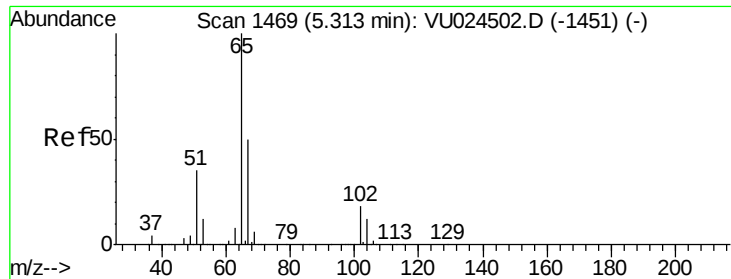
72 33.1 34.5 51.7#

71 45.7 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

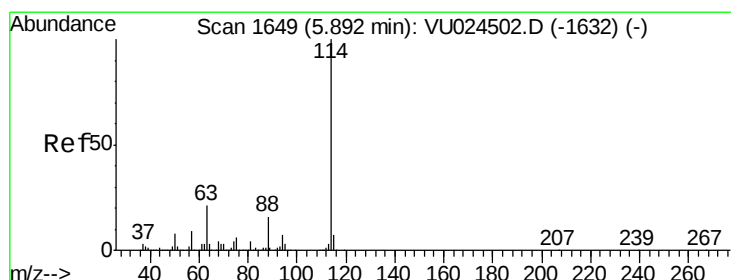
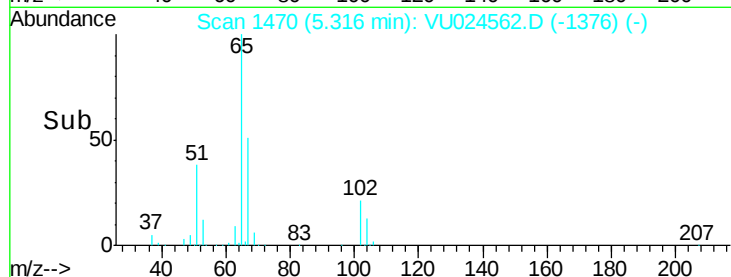
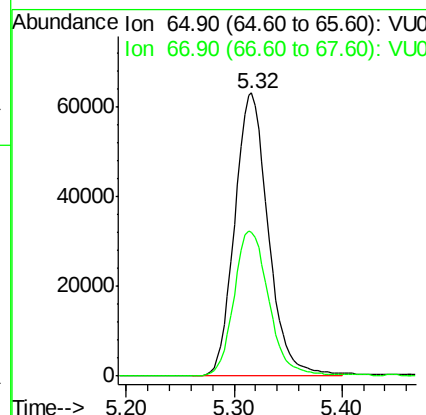
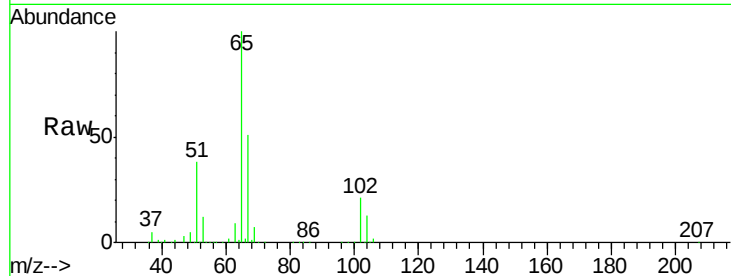




#33
 1,2-Dichloroethane-d4
 Concen: 45.668 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024562.D
 Acq: 15 Jun 2018 00:36

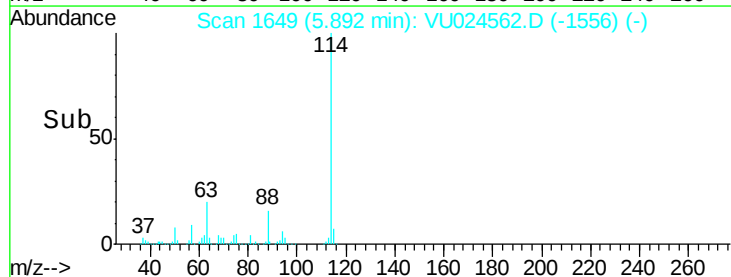
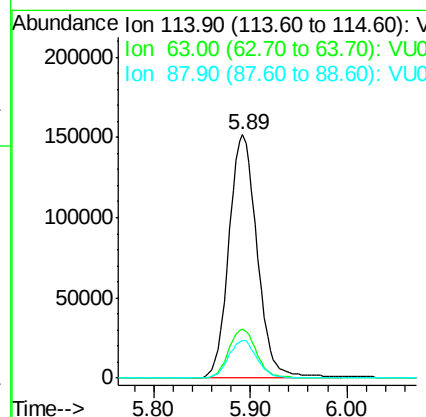
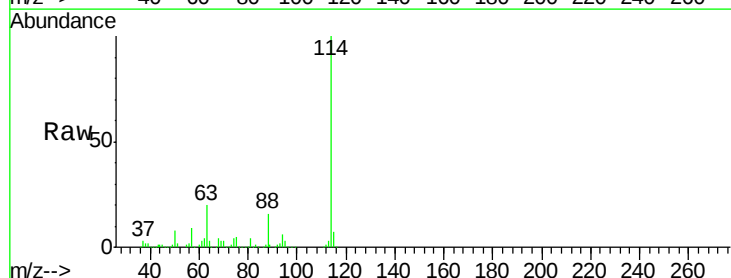
Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS027-180611

Tot Ion: 65 Resp: 136424
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024562.D
 Acq: 15 Jun 2018 00:36

Tgt Ion: 114 Resp: 308371
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.4
 88 15.6 0.0 31.0

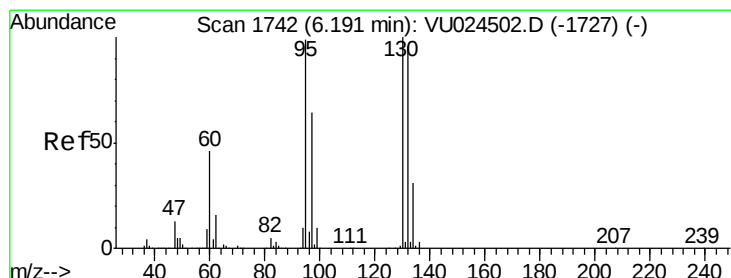
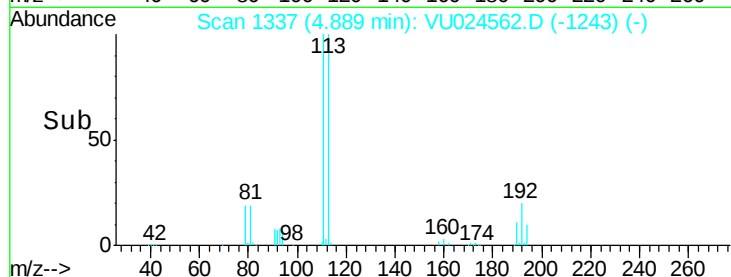
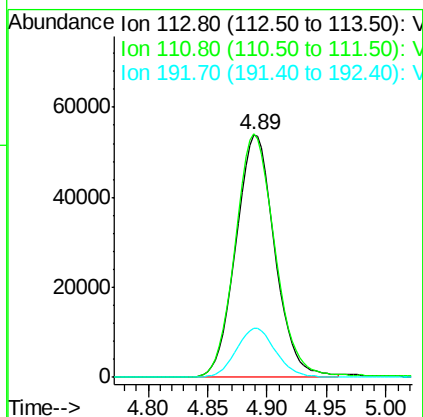
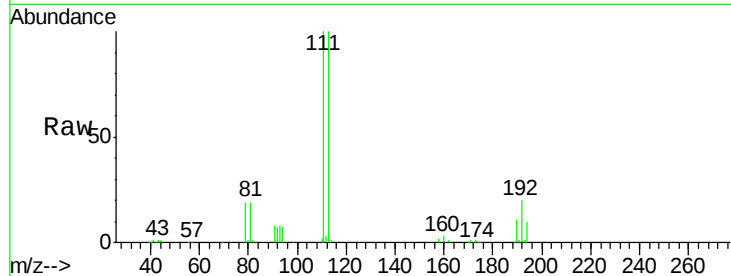




#35
Dibromofluoromethane
Concen: 47.749 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024562.D
Acq: 15 Jun 2018 00:36

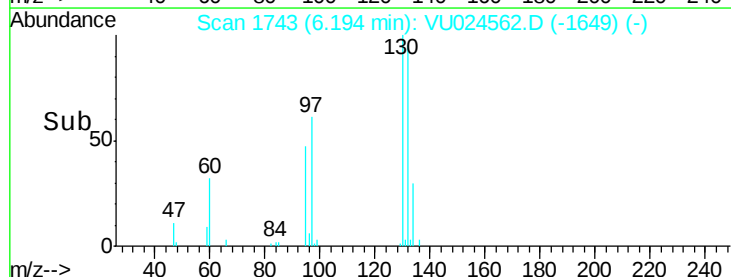
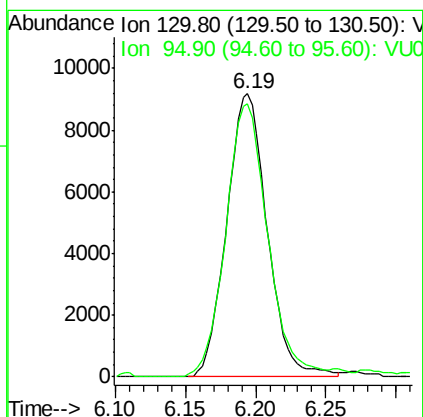
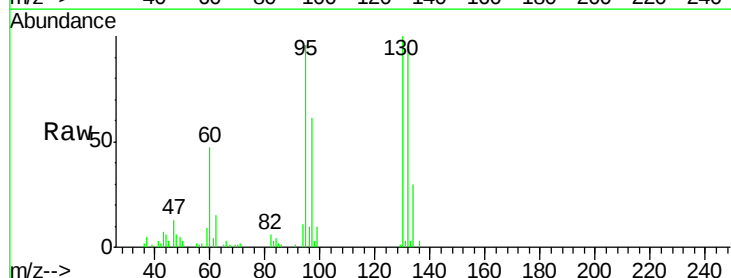
Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180611

Tot Ion:113 Resp: 122201
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.7 16.2 24.4



#44
Trichloroethene
Concen: 6.277 ug/l
RT: 6.19 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VU024562.D
Acq: 15 Jun 2018 00:36

Tgt Ion:130 Resp: 18445
Ion Ratio Lower Upper
130 100
95 95.4 0.0 202.4





#50

Toluene-d8

Concen: 49.034 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024562.D

Acq: 15 Jun 2018 00:36

Instrument :

MSVOA_U

ClientSampleId :

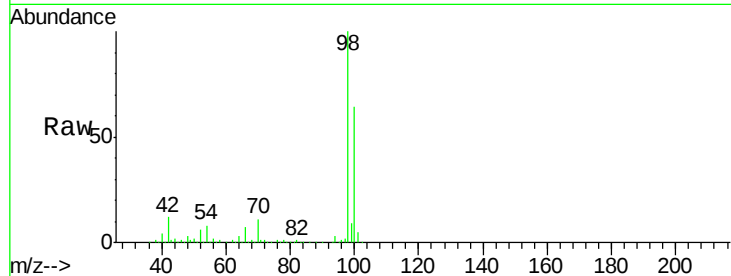
KY038PS027-180611

Tot Ion: 98 Resp: 457734

Ion Ratio Lower Upper

98 100

100 62.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

250000

200000

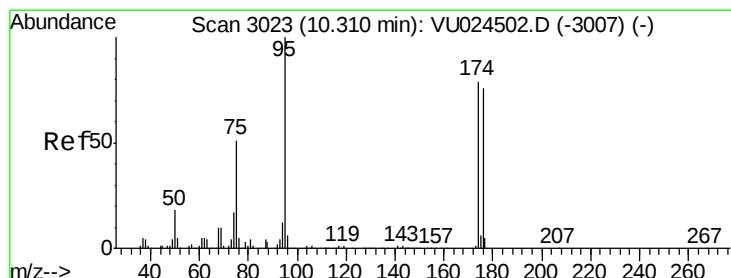
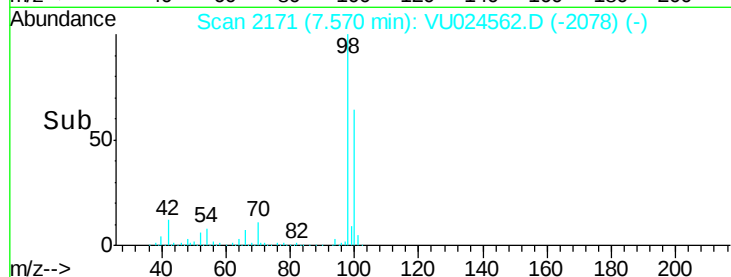
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.711 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU024562.D

Acq: 15 Jun 2018 00:36

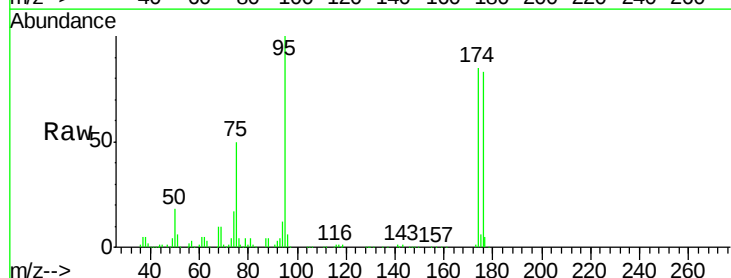
Tgt Ion: 95 Resp: 173129

Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

176 81.2 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

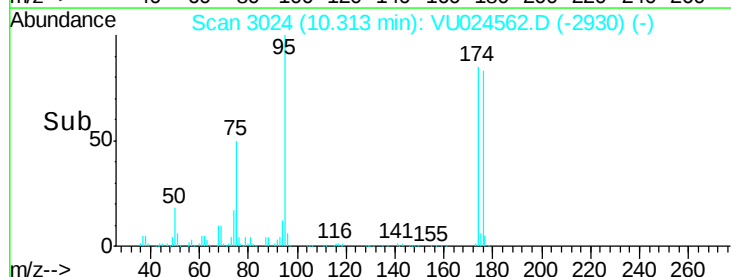
10.31

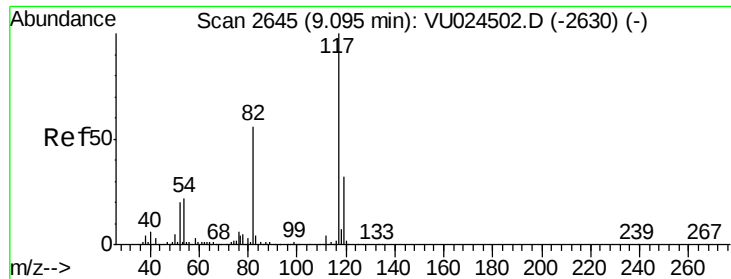
100000

50000

0

Time-->

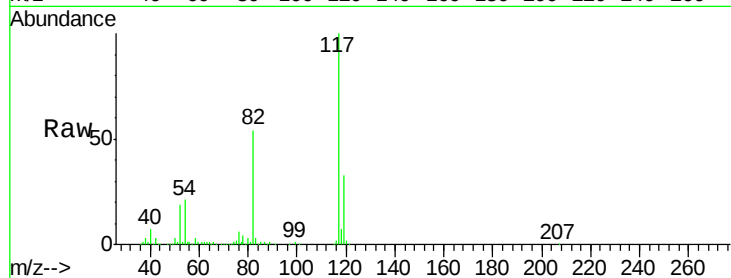




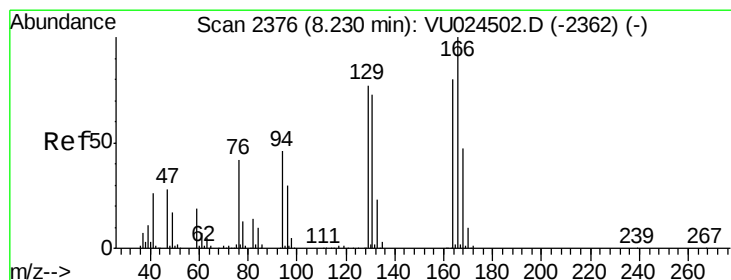
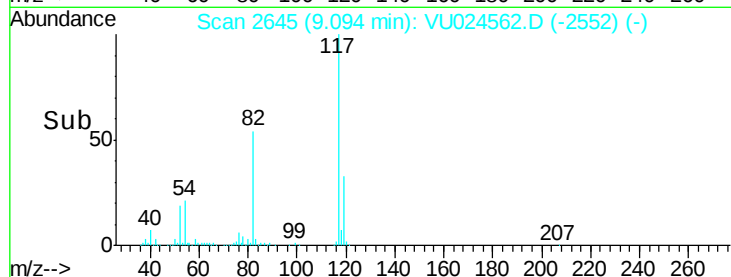
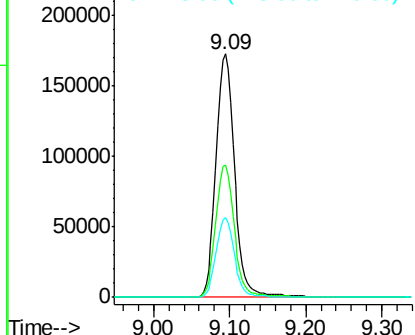
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024562.D
Acq: 15 Jun 2018 00:36

Instrument :
MSVOA_U
ClientSampleId :
KY038PS027-180611

Tot Ion:117 Resp: 293775
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.5 25.4 38.2

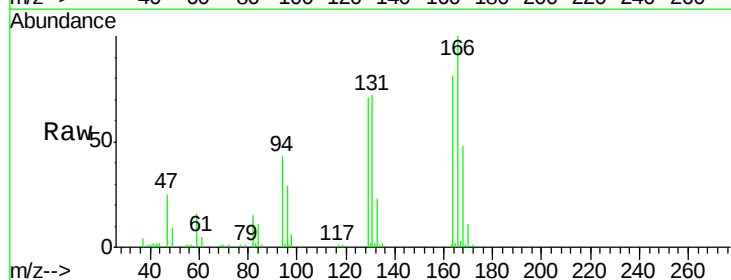


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

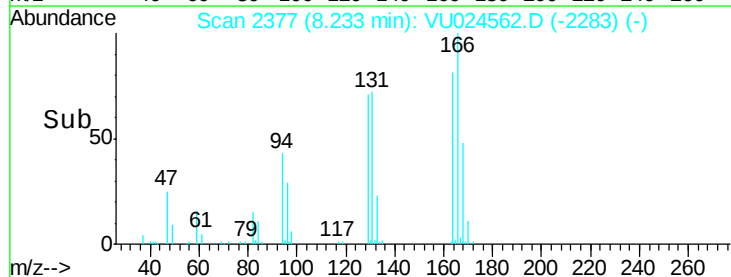
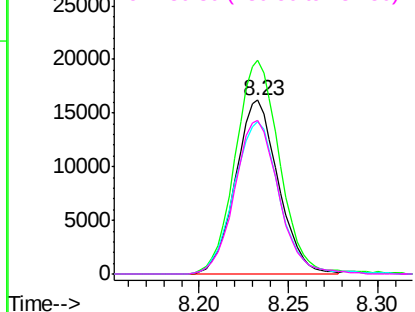


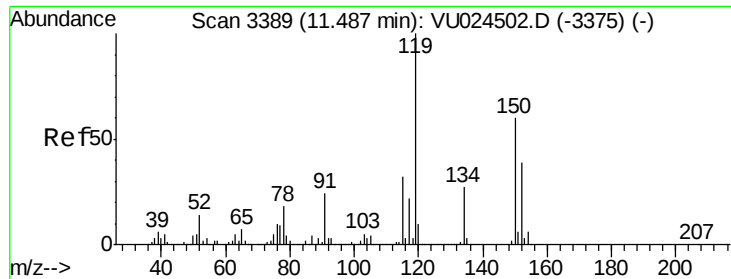
#64
Tetrachloroethene
Concen: 9.673 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024562.D
Acq: 15 Jun 2018 00:36

Tgt Ion:164 Resp: 27011
Ion Ratio Lower Upper
164 100
166 122.8 101.7 152.5
129 87.6 76.9 115.3
131 88.0 74.9 112.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024562.D

Acq: 15 Jun 2018 00:36

Instrument :

MSVOA_U

ClientSampleId :

KY038PS027-180611

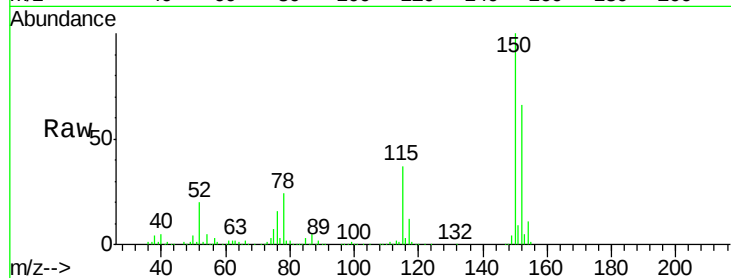
Tot Ion:152 Resp: 171424

Ion Ratio Lower Upper

152 100

115 57.2 43.0 129.0

150 155.6 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

