

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028651.D
 Acq On : 12 Dec 2018 14:46
 Operator : MD/SY
 Sample : J6351-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS036-181210

Quant Time: Dec 13 03:04:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

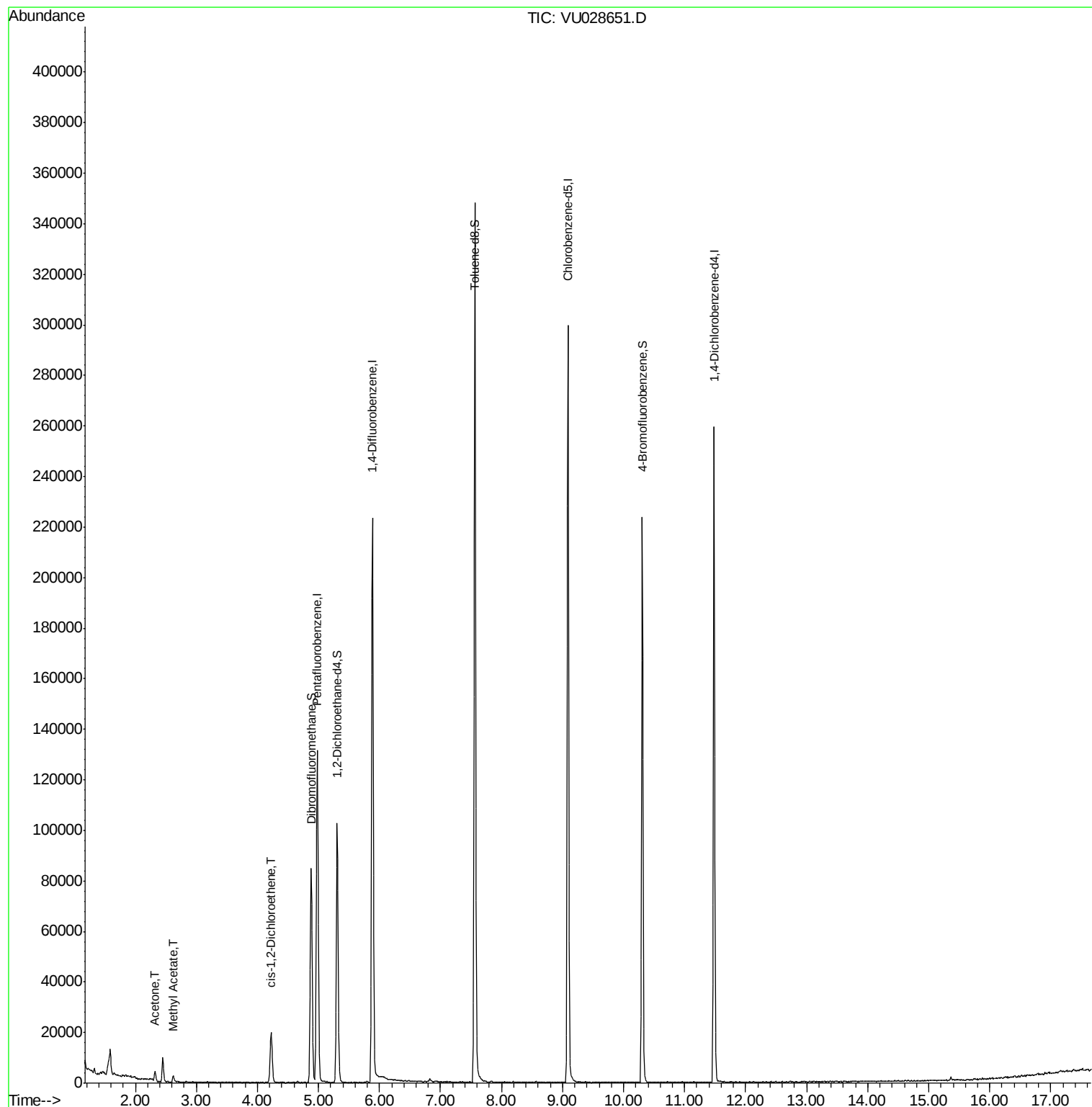
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	99104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	180561	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	160920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	63922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	79226	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
35) Dibromofluoromethane	4.88	113	60011	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
50) Toluene-d8	7.56	98	229783	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	10.30	95	76477	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
16) Acetone	2.32	43	4395	4.453	ug/l	99
18) Methyl Acetate	2.62	43	3595	1.405	ug/l #	90
27) cis-1,2-Dichloroethene	4.22	96	11190	7.958	ug/l	88

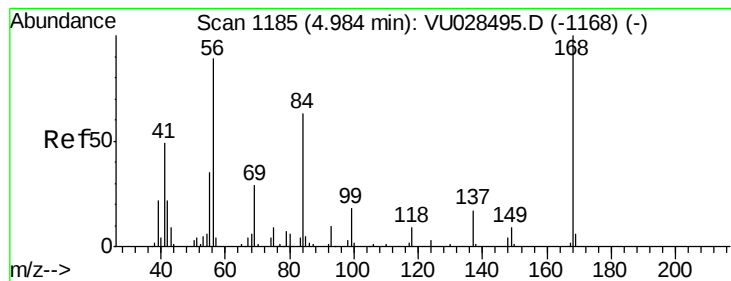
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028651.D

Acq: 12 Dec 2018 14:46

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MSVOA_U

ClientSampleId :

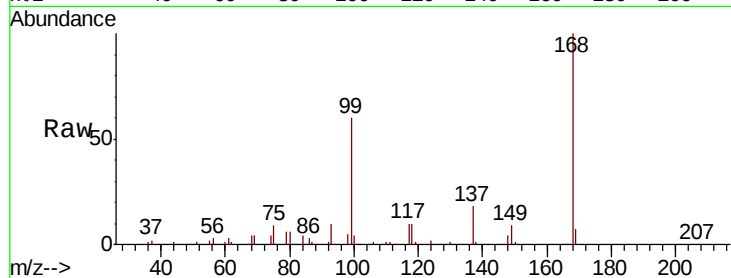
KY038PS036-181210

Tot Ion:168 Resp: 99104

Ion Ratio Lower Upper

168 100

99 59.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028651.D (-1092) (-)

4.98

50000

40000

30000

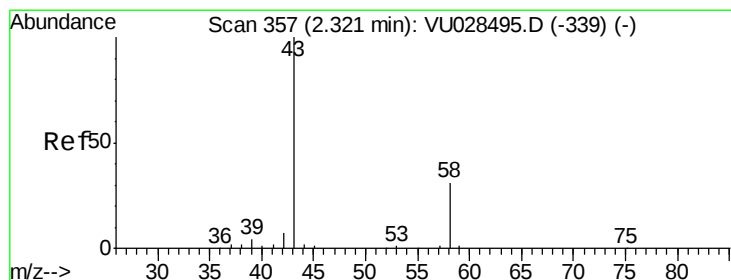
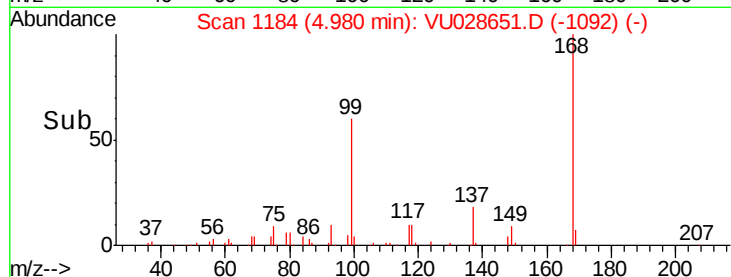
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 4.453 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028651.D

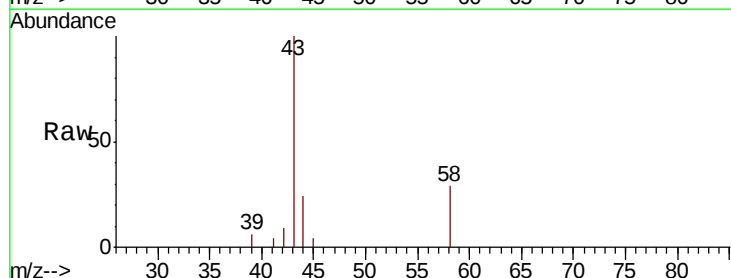
Acq: 12 Dec 2018 14:46

Tgt Ion: 43 Resp: 4395

Ion Ratio Lower Upper

43 100

58 30.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU028651.D (-264) (-)

2.32

3000

2500

2000

1500

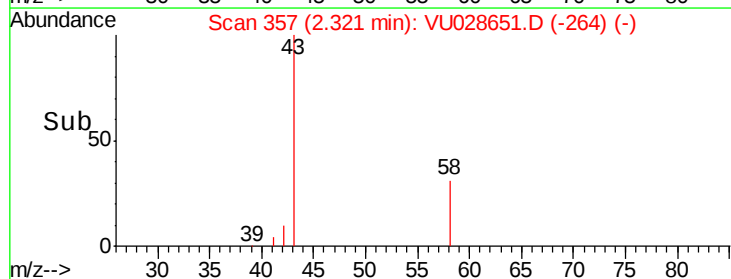
1000

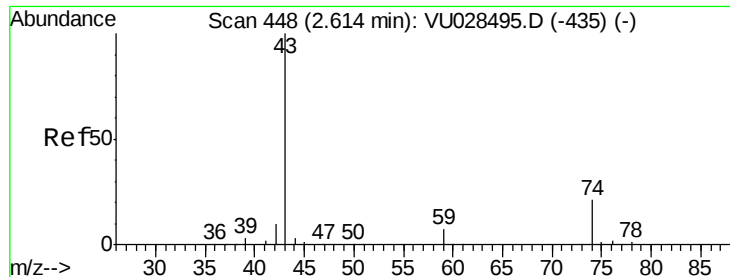
500

0

2.25 2.30 2.35

Time-->

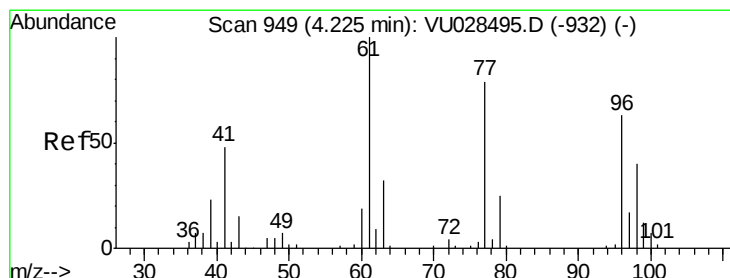
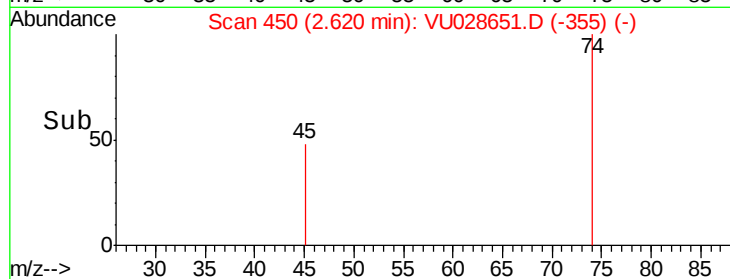
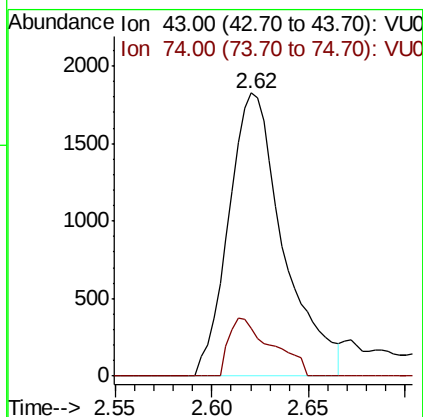
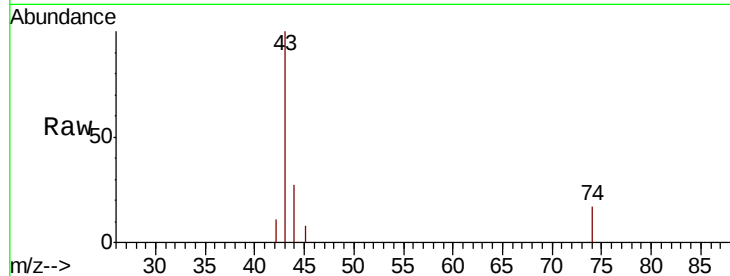




#18
Methvl Acetate
Concen: 1.405 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028651.D
Acq: 12 Dec 2018 14:46

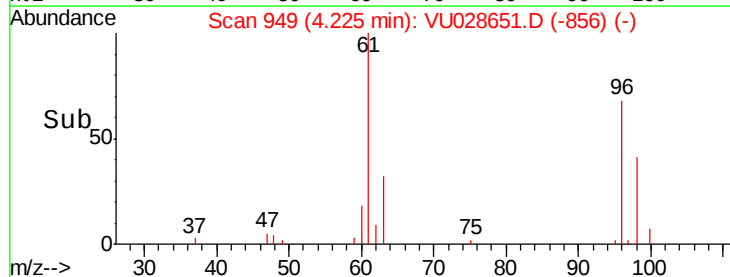
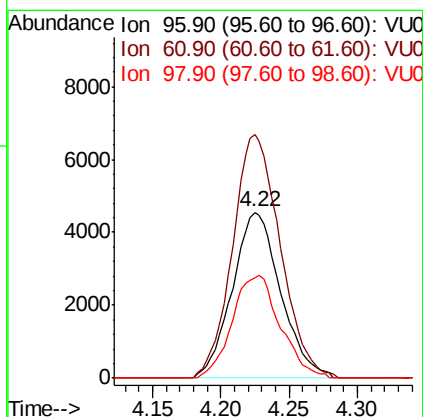
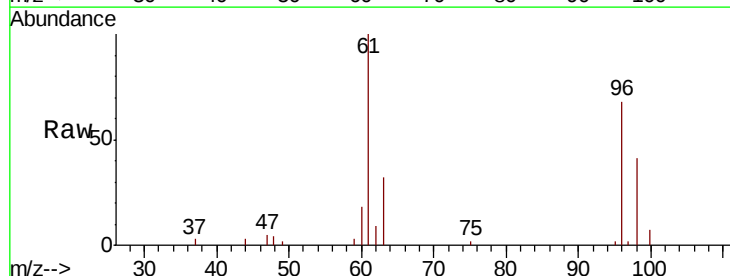
Instrument :
MSVOA_U
ClientSampleId :
KY038PS036-181210

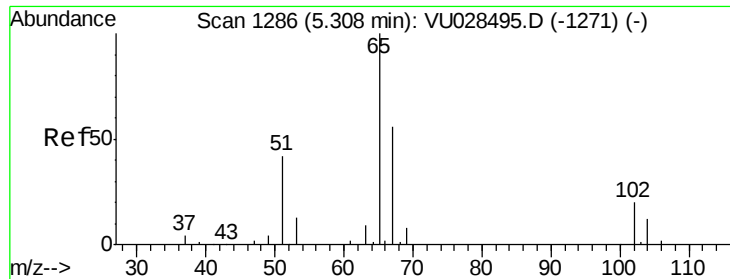
Tot Ion: 43 Resp: 3595
Ion Ratio Lower Upper
43 100
74 15.9 16.4 24.6#



#27
cis-1,2-Dichloroethene
Concen: 7.958 ug/l
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU028651.D
Acq: 12 Dec 2018 14:46

Tgt Ion: 96 Resp: 11190
Ion Ratio Lower Upper
96 100
61 145.1 0.0 332.4
98 61.6 0.0 129.0

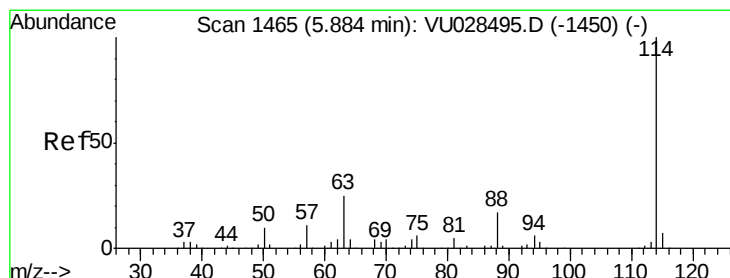
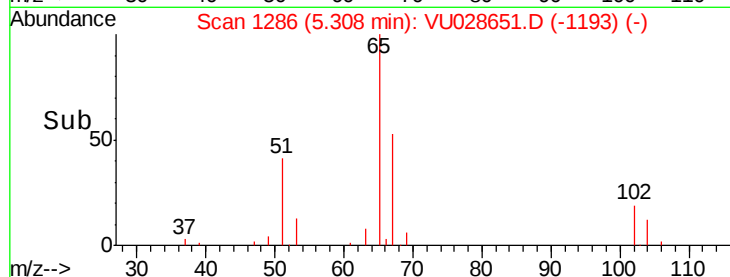
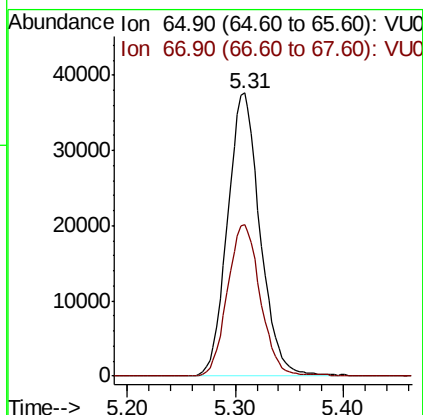
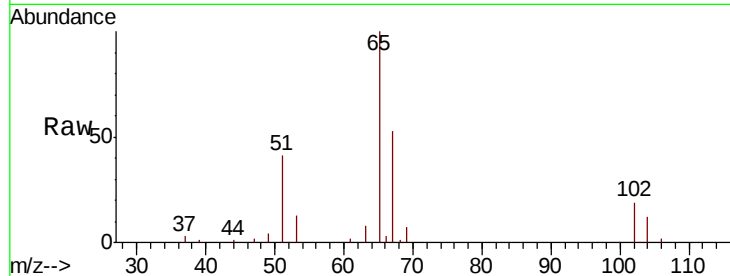




#33
 1,2-Dichloroethane-d4
 Concen: 52.385 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028651.D
 Acq: 12 Dec 2018 14:46

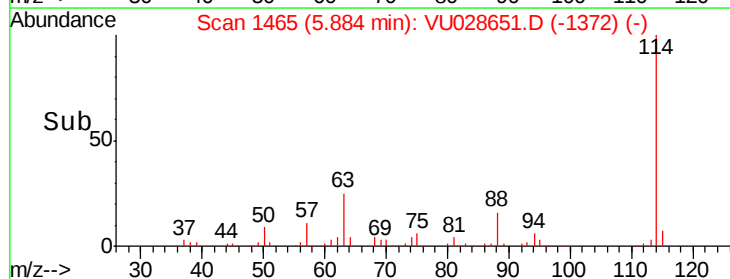
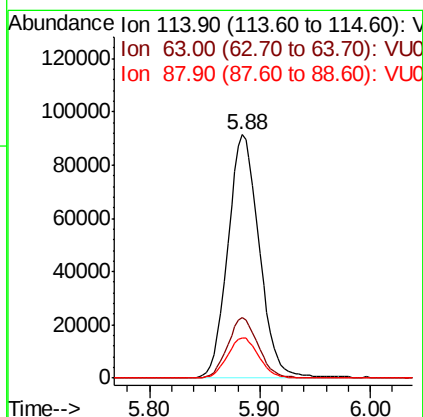
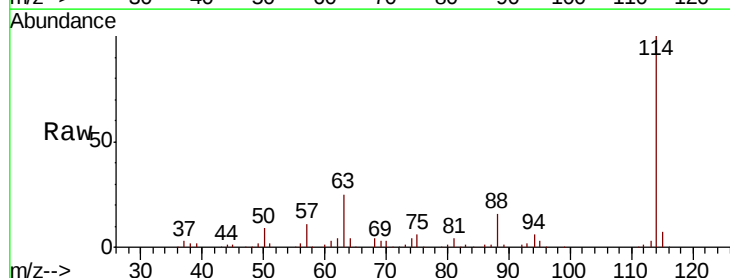
Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS036-181210

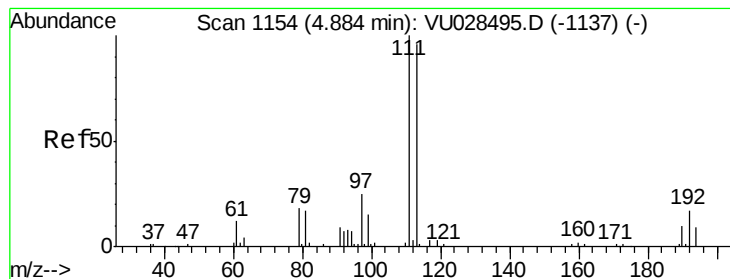
Tot Ion: 65 Resp: 79226
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028651.D
 Acq: 12 Dec 2018 14:46

Tgt Ion: 114 Resp: 180561
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.813 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028651.D

Acq: 12 Dec 2018 14:46

Instrument :

MSVOA_U

ClientSampleId :

KY038PS036-181210

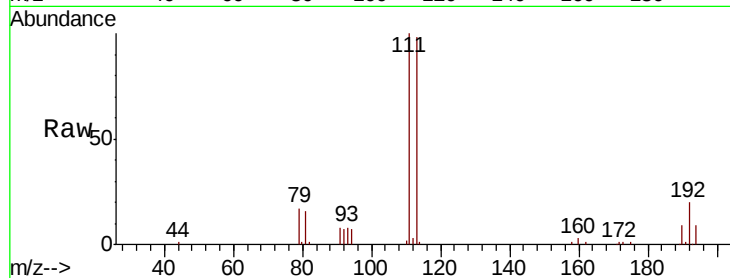
Tot Ion:113 Resp: 60011

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.0

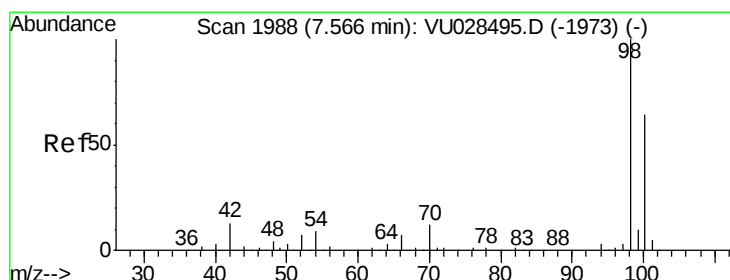
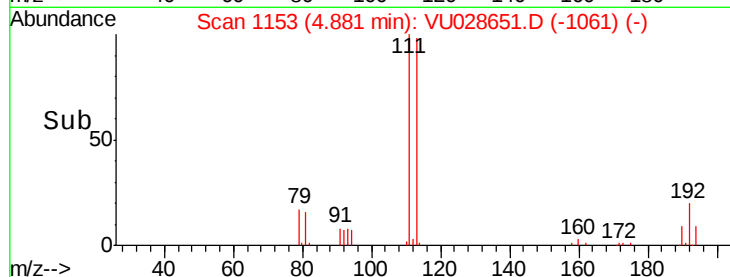
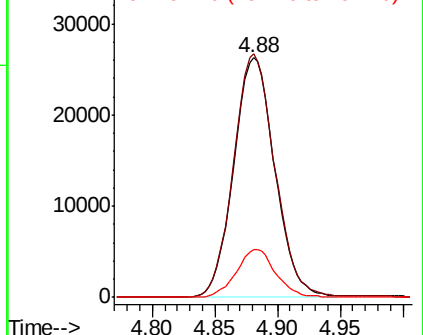
192 18.9 14.8 22.2



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



#50

Toluene-d8

Concen: 51.120 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028651.D

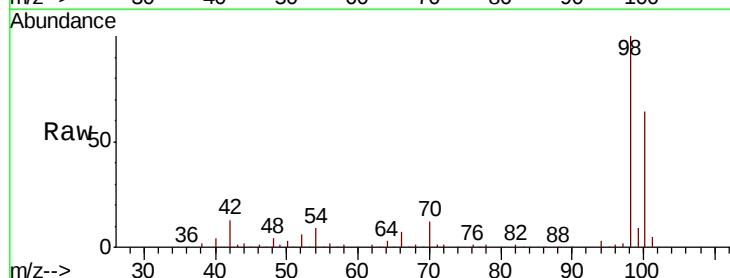
Acq: 12 Dec 2018 14:46

Tgt Ion: 98 Resp: 229783

Ion Ratio Lower Upper

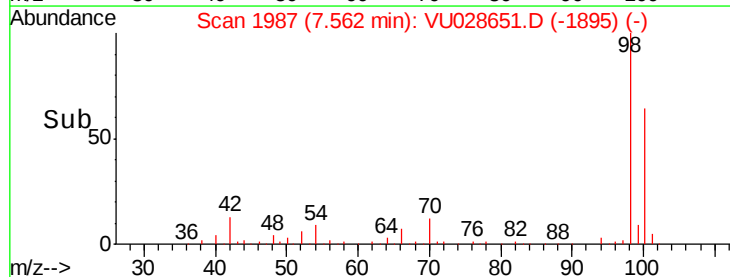
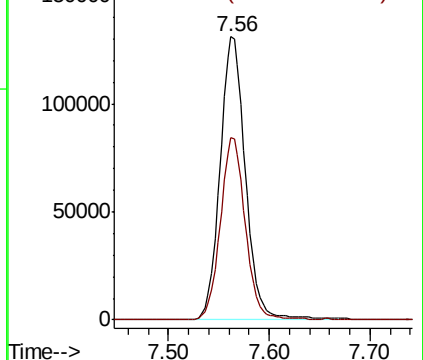
98 100

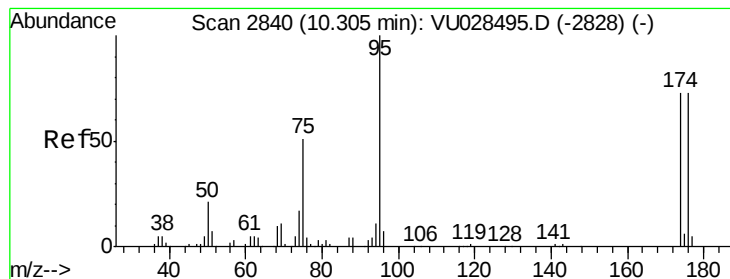
100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.521 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028651.D

Acq: 12 Dec 2018 14:46

Instrument :

MSVOA_U

ClientSampleId :

KY038PS036-181210

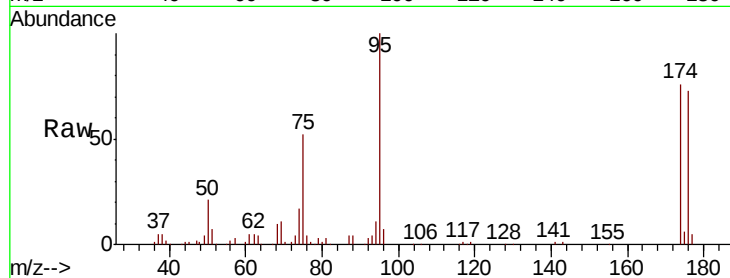
Tot Ion: 95 Resp: 76477

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.4

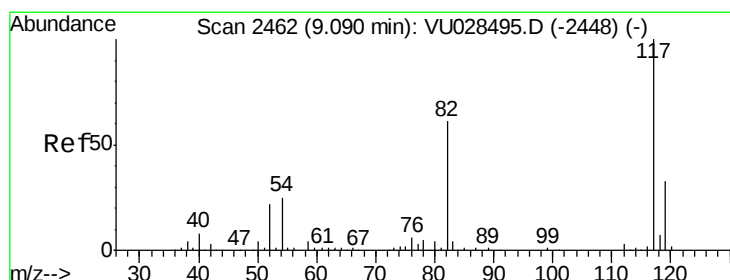
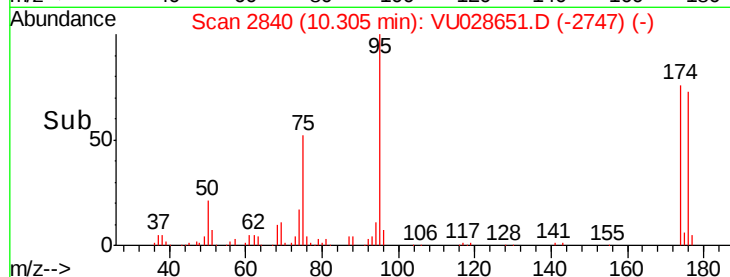
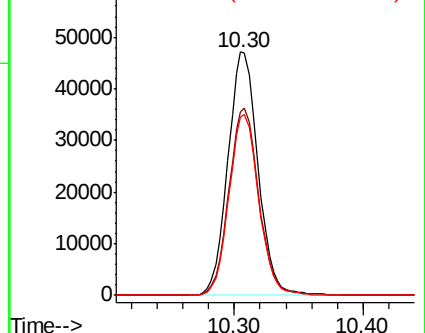
176 73.2 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028651.D

Acq: 12 Dec 2018 14:46

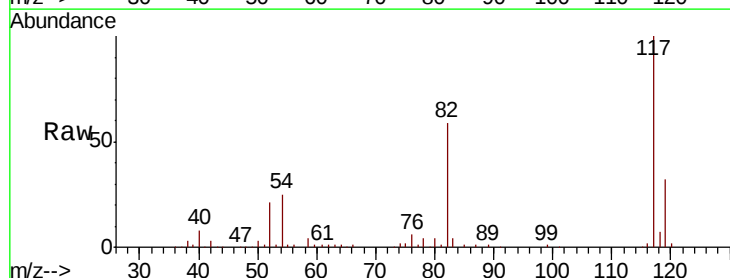
Tgt Ion: 117 Resp: 160920

Ion Ratio Lower Upper

117 100

82 58.7 48.9 73.3

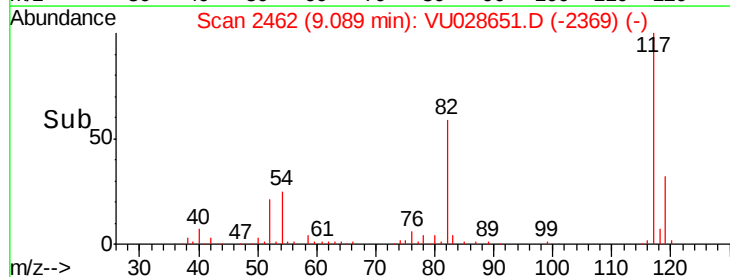
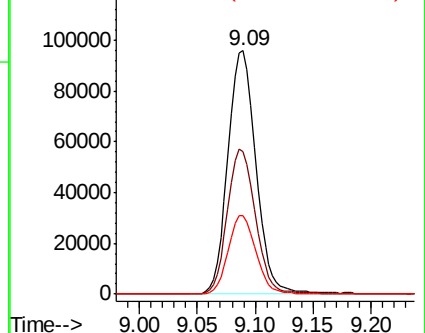
119 32.5 26.2 39.4

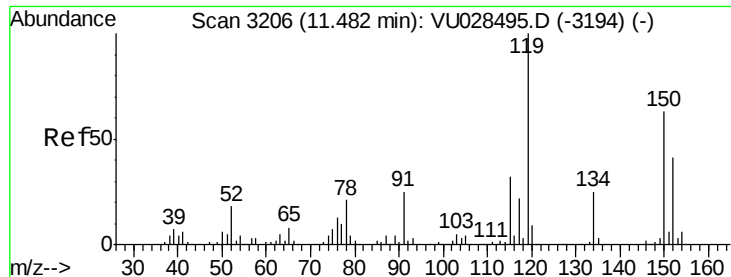


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028651.D
 Acq: 12 Dec 2018 14:46

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS036-181210

Tot Ion:152 Resp: 63922
 Ion Ratio Lower Upper
 152 100
 115 61.8 42.7 128.1
 150 156.5 0.0 346.0

