

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028649.D
 Acq On : 12 Dec 2018 13:57
 Operator : MD/SY
 Sample : J6351-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 KY038PS035-181210

Quant Time: Dec 13 03:04:10 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

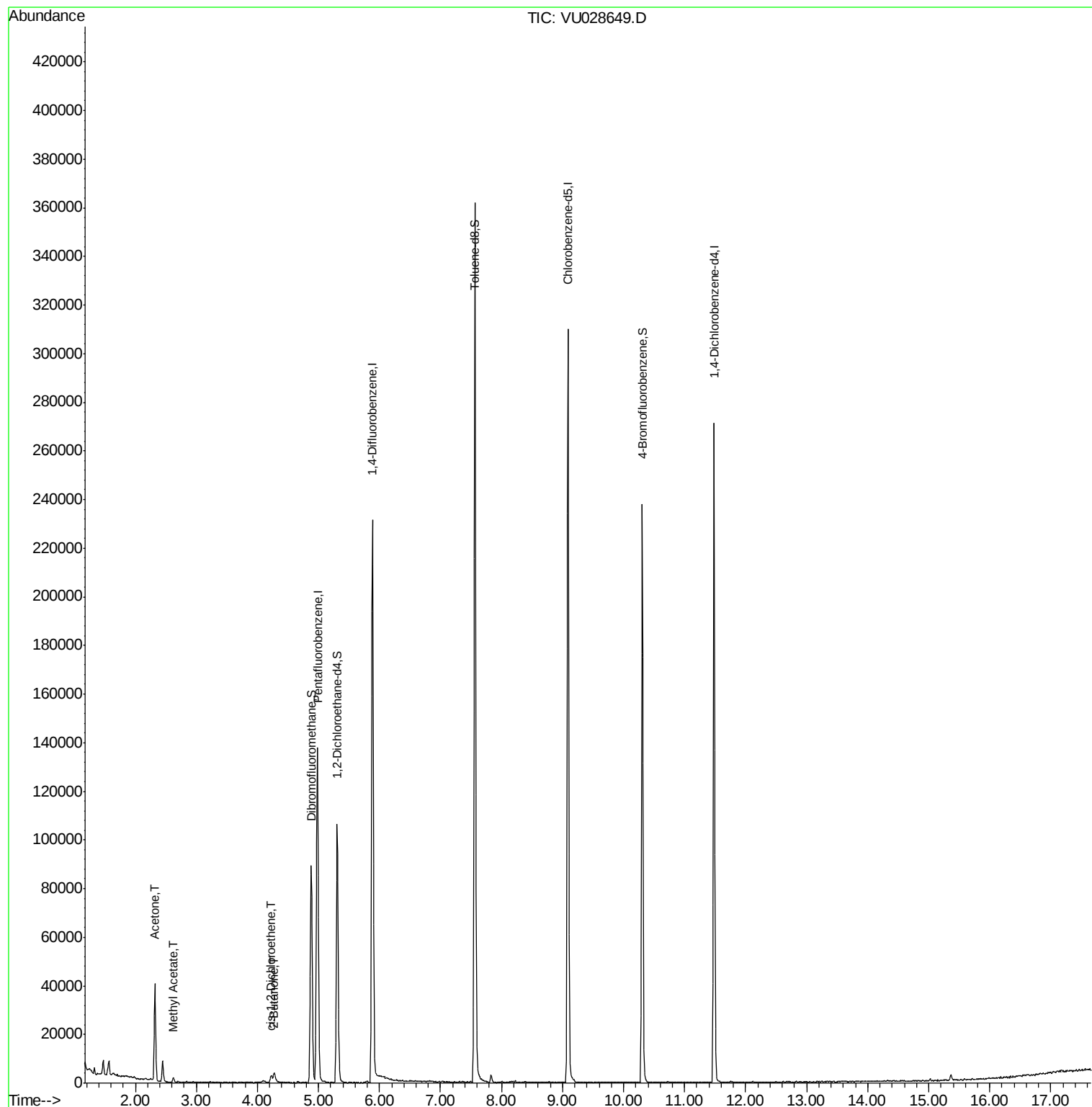
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	105320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	188760	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	169288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	80999	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
35) Dibromofluoromethane	4.88	113	62458	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	7.57	98	241121	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	10.30	95	80660	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
Target Compounds						
16) Acetone	2.32	43	42269	40.302	ug/l	100
18) Methyl Acetate	2.62	43	3124	1.149	ug/l	94
25) 2-Butanone	4.28	43	8122	5.667	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	1694	1.134	ug/l	88

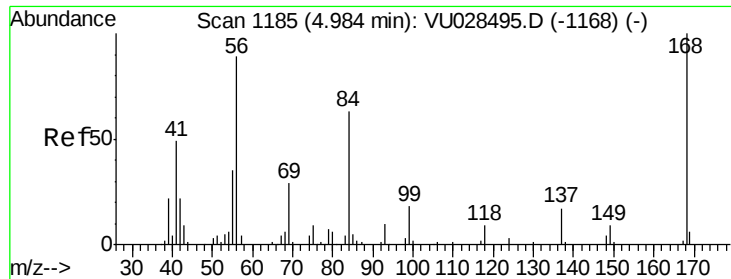
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028649.D

Acq: 12 Dec 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

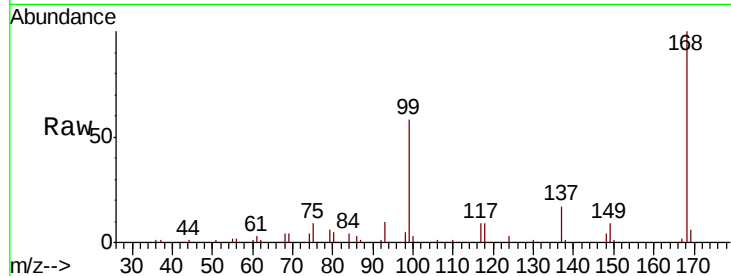
KY038PS035-181210

Tot Ion:168 Resp: 105320

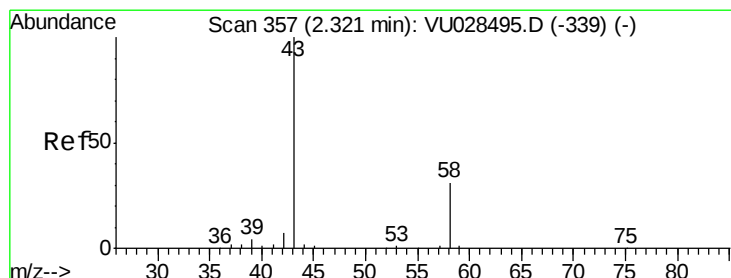
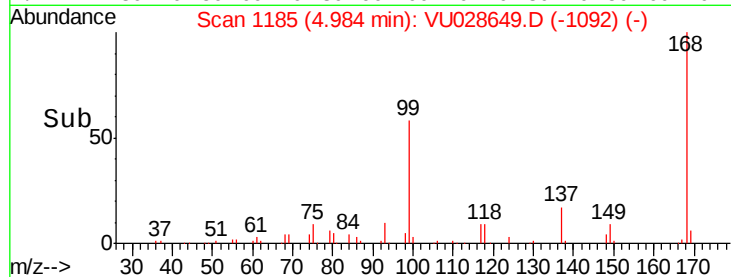
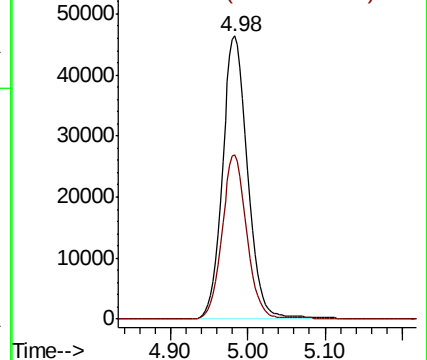
Ion Ratio Lower Upper

168 100

99 58.2 46.6 69.8



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



#16

Acetone

Concen: 40.302 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028649.D

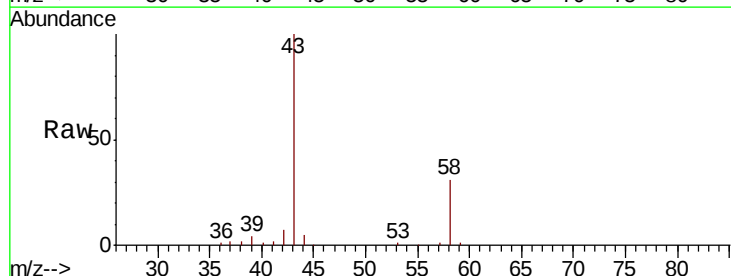
Acq: 12 Dec 2018 13:57

Tgt Ion: 43 Resp: 42269

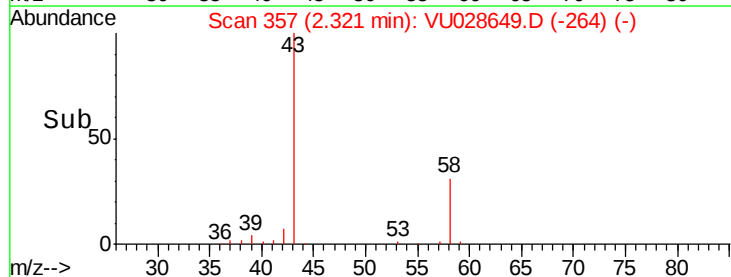
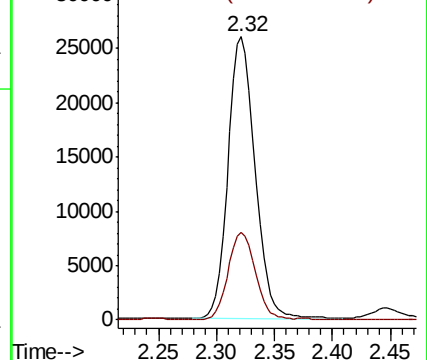
Ion Ratio Lower Upper

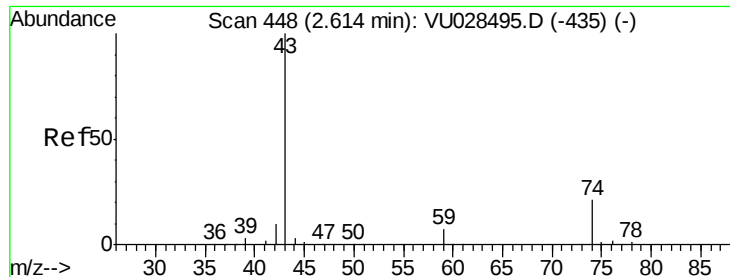
43 100

58 30.9 24.6 37.0



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

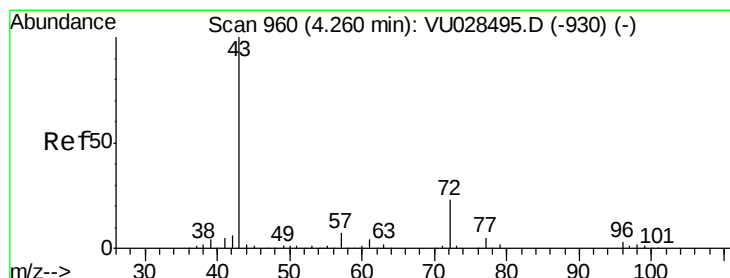
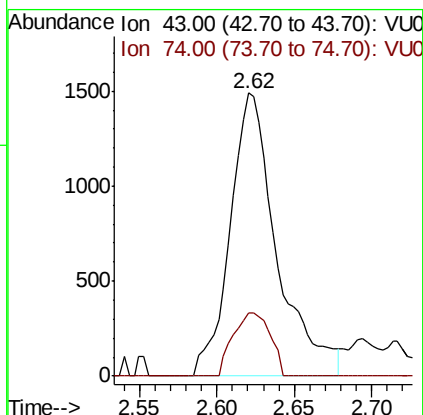
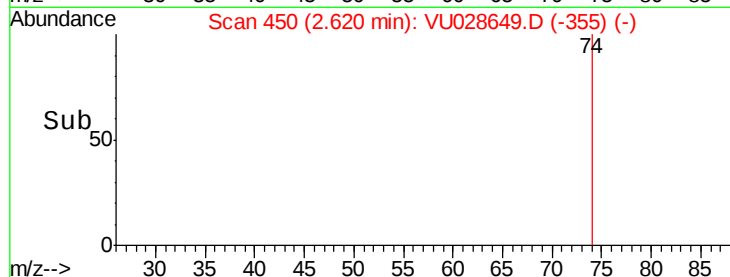
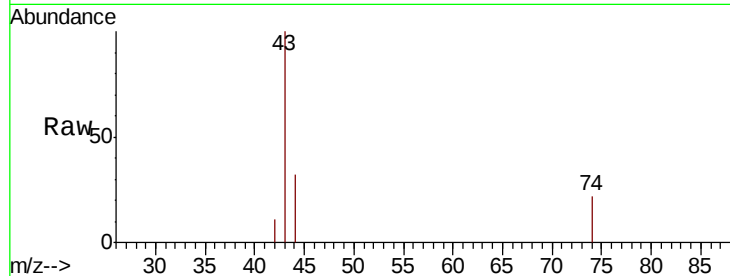




#18
Methvl Acetate
Concen: 1.149 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028649.D
Acq: 12 Dec 2018 13:57

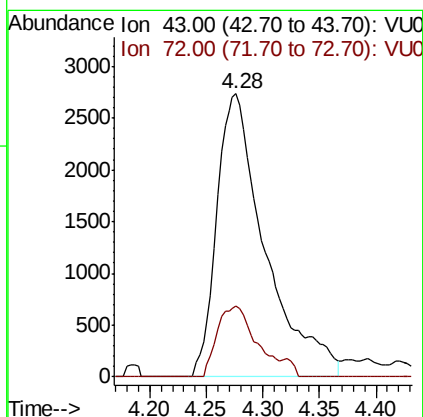
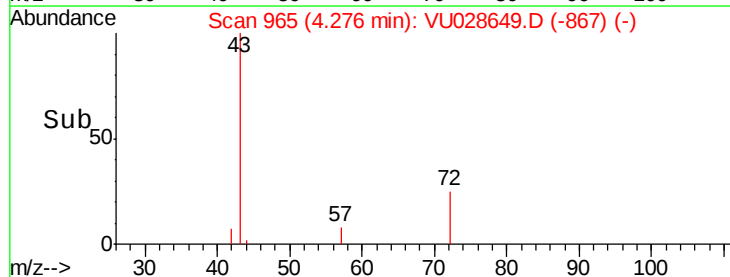
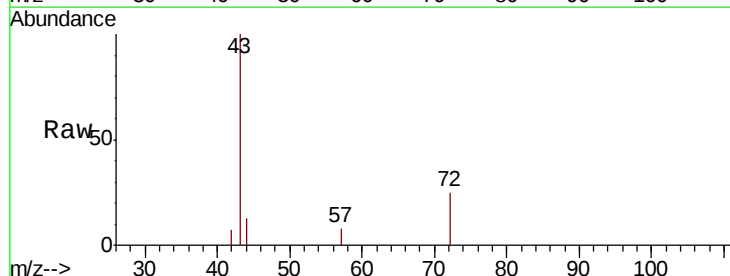
Instrument :
MSVOA_U
ClientSampleId :
KY038PS035-181210

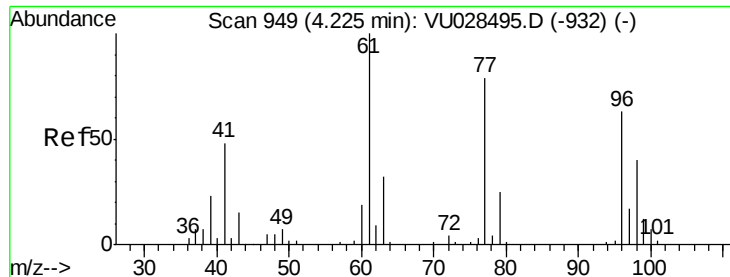
Tot Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
74 17.7 16.4 24.6



#25
2-Butanone
Concen: 5.667 ug/l
RT: 4.28 min Scan# 965
Delta R.T. 0.02 min
Lab File: VU028649.D
Acq: 12 Dec 2018 13:57

Tgt Ion: 43 Resp: 8122
Ion Ratio Lower Upper
43 100
72 24.9 18.6 28.0



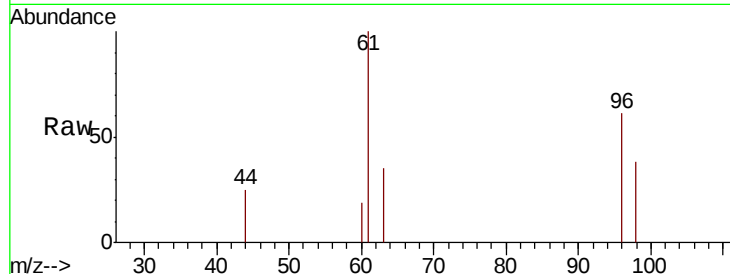


#27

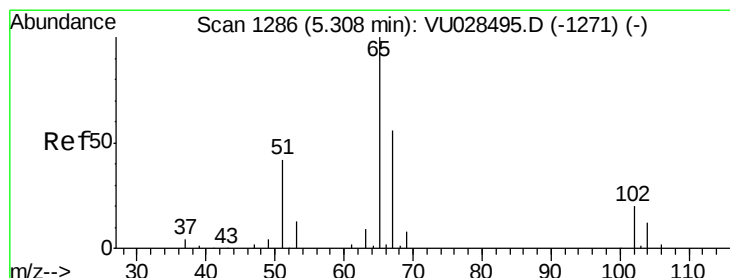
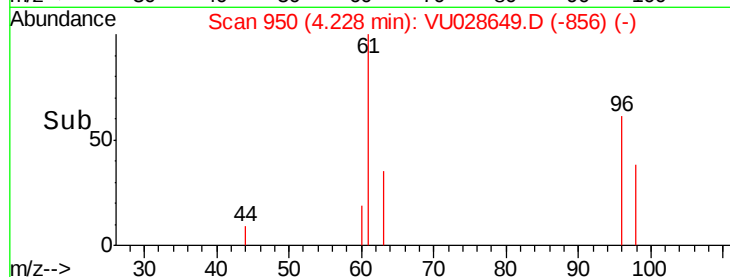
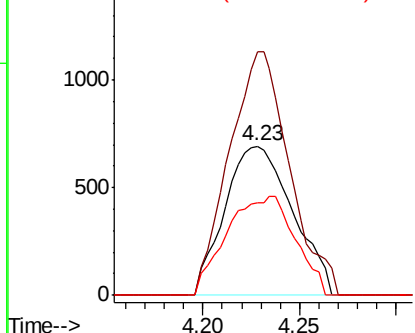
cis-1,2-Dichloroethene
Concen: 1.134 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028649.D
Acq: 12 Dec 2018 13:57

Instrument :
MSVOA_U
ClientSampleId :
KY038PS035-181210

Tot Ion: 96 Resp: 1694
Ion Ratio Lower Upper
96 100
61 144.5 0.0 332.4
98 66.7 0.0 129.0



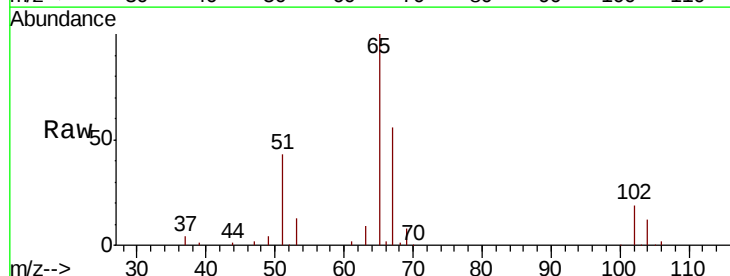
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



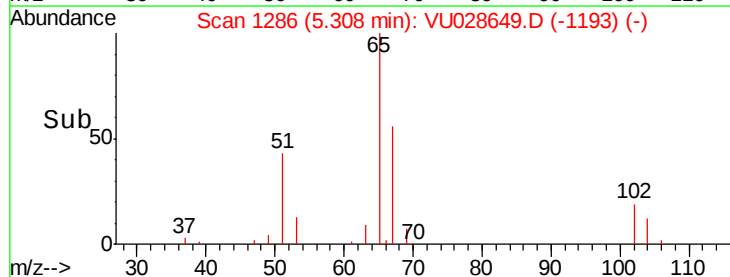
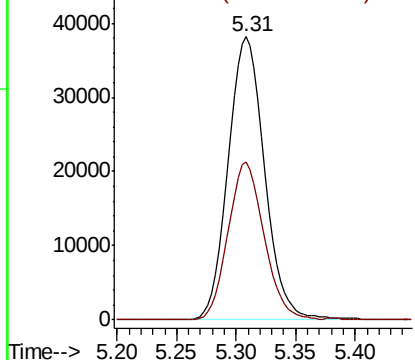
#33

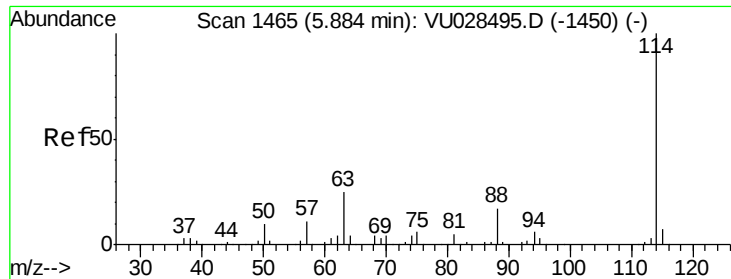
1,2-Dichloroethane-d4
Concen: 50.396 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028649.D
Acq: 12 Dec 2018 13:57

Tgt Ion: 65 Resp: 80999
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028649.D

Acq: 12 Dec 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

KY038PS035-181210

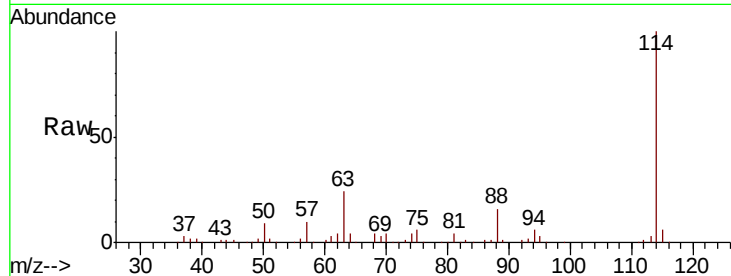
Tot Ion:114 Resp: 188760

Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.2

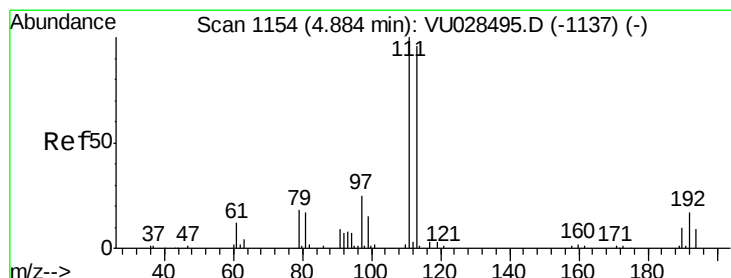
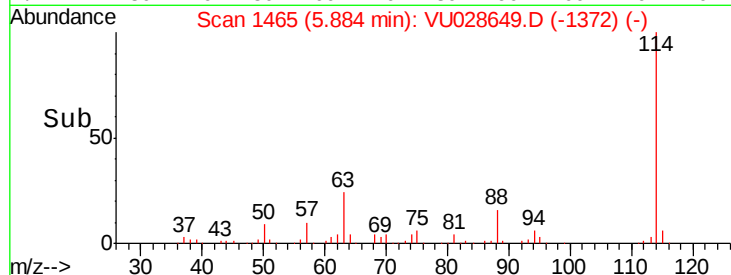
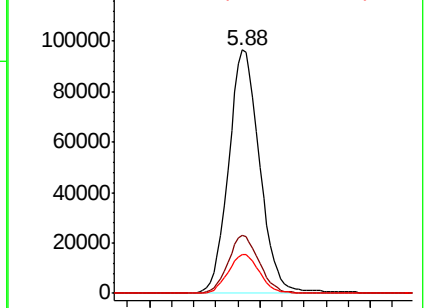
88 15.9 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 52.579 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028649.D

Acq: 12 Dec 2018 13:57

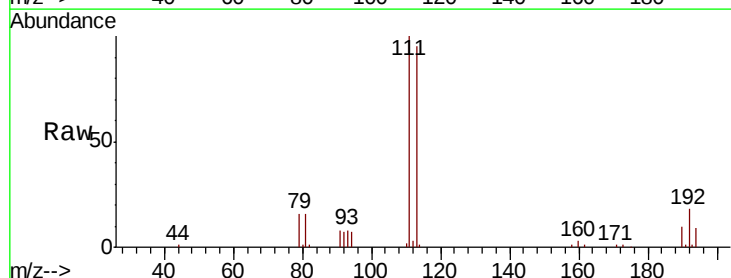
Tgt Ion:113 Resp: 62458

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

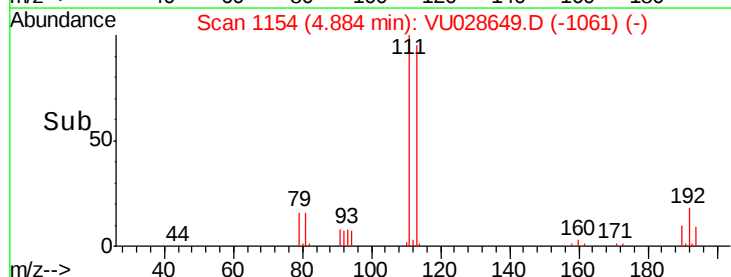
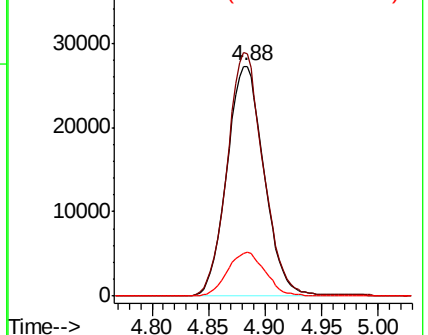
192 19.3 14.8 22.2

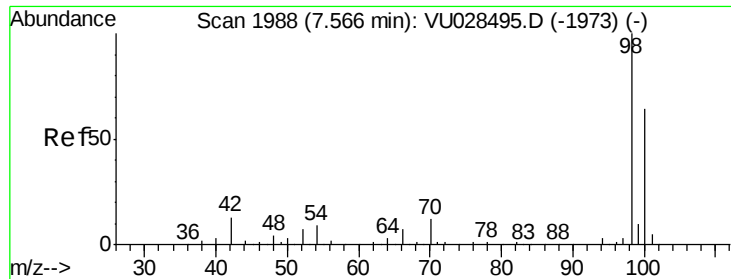


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.313 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028649.D

Acq: 12 Dec 2018 13:57

Instrument :

MSVOA_U

ClientSampleId :

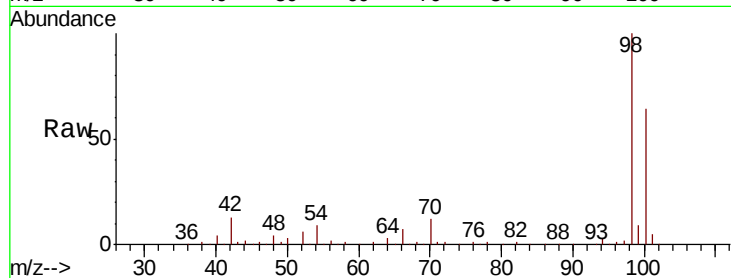
KY038PS035-181210

Tot Ion: 98 Resp: 241121

Ion Ratio Lower Upper

98 100

100 63.6 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

150000

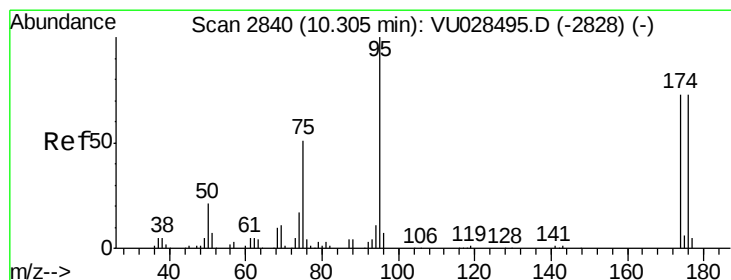
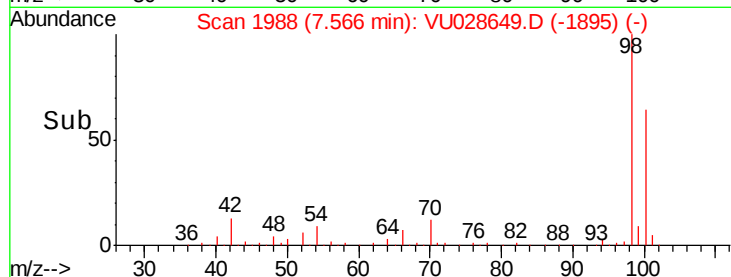
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 45.925 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028649.D

Acq: 12 Dec 2018 13:57

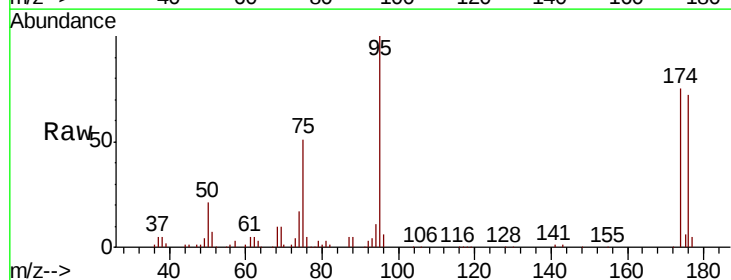
Tgt Ion: 95 Resp: 80660

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.4

176 72.7 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) (-)

10.30

60000

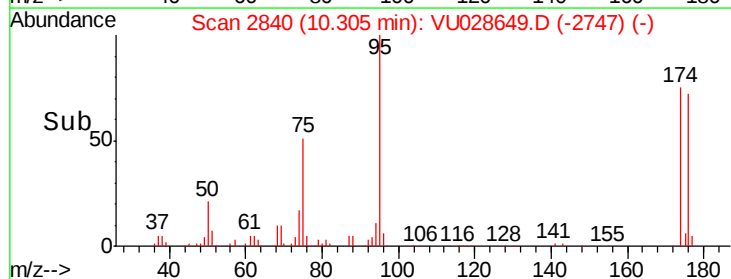
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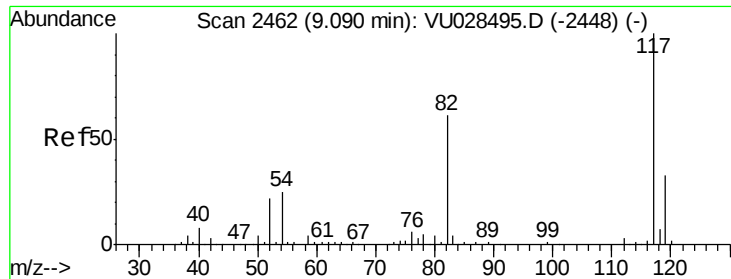
20000

0

10.30 10.40

Time-->

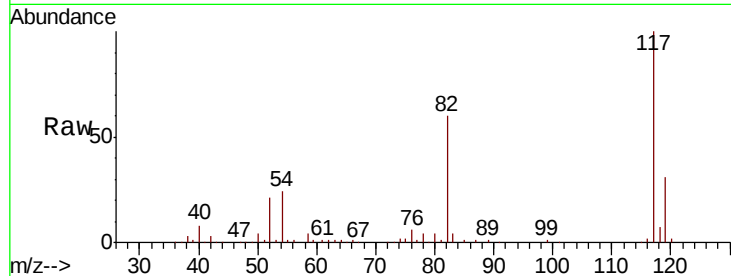




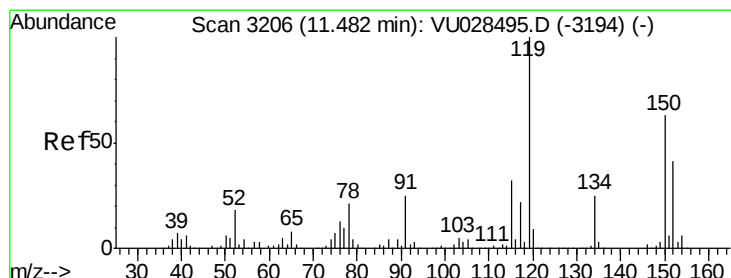
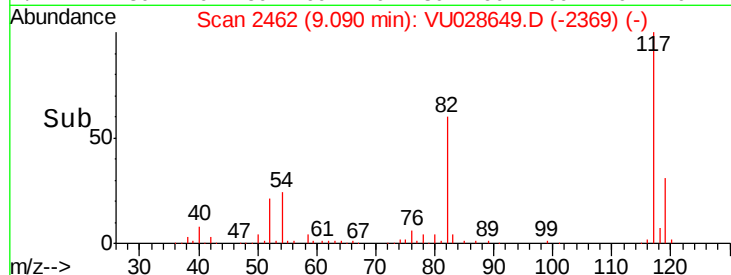
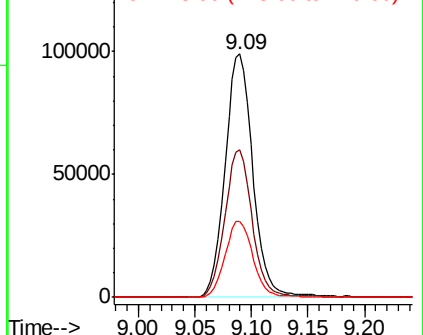
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028649.D
Acq: 12 Dec 2018 13:57

Instrument :
MSVOA_U
ClientSampleId :
KY038PS035-181210

Tot Ion:117 Resp: 169288
Ion Ratio Lower Upper
117 100
82 60.5 48.9 73.3
119 31.4 26.2 39.4

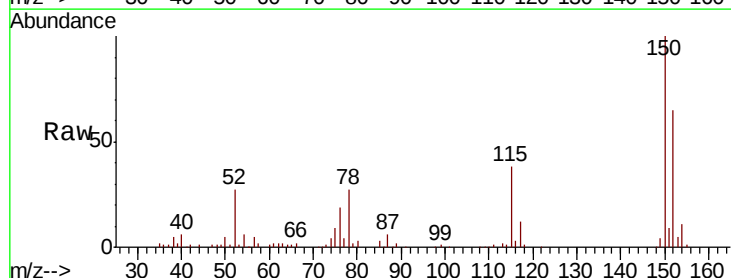


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028649.D
Acq: 12 Dec 2018 13:57

Tgt Ion:152 Resp: 67857
Ion Ratio Lower Upper
152 100
115 59.5 42.7 128.1
150 155.2 0.0 346.0



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

