

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028625.D
 Acq On : 11 Dec 2018 22:28
 Operator : MD/SY
 Sample : J6195-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-121018-A

Quant Time: Dec 12 05:38:43 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

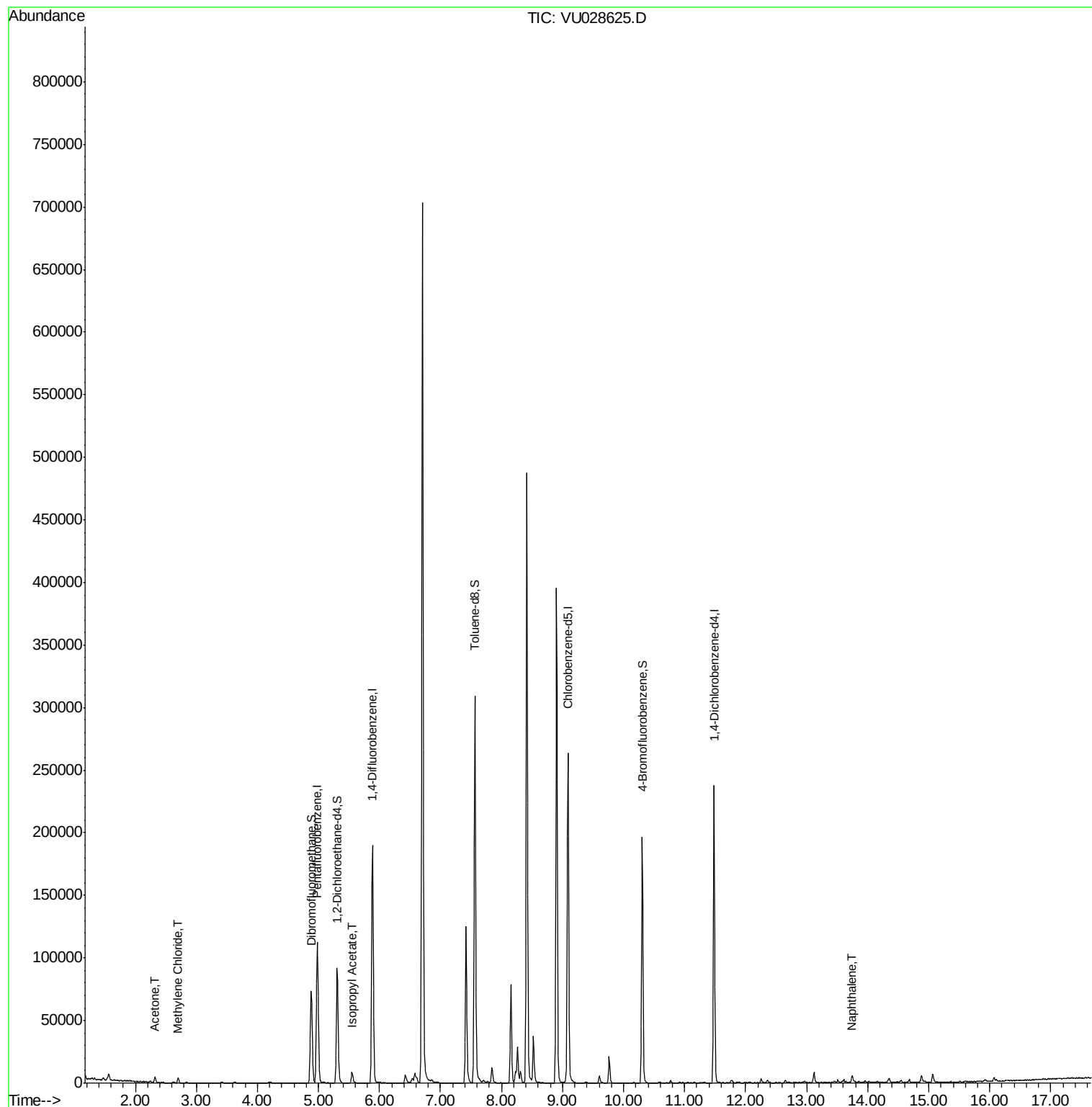
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	82554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	149813	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	137532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	56323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	71065	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
35) Dibromofluoromethane	4.88	113	50924	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
50) Toluene-d8	7.57	98	197390	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	10.30	95	66571	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
Target Compounds						
16) Acetone	2.32	43	5315	6.465	ug/l	93
20) Methylene Chloride	2.70	84	1677	1.384	ug/l	91
43) Isopropyl Acetate	5.55	43	10258	3.060	ug/l	97
95) Naphthalene	13.75	128	5977	1.305	ug/l	96

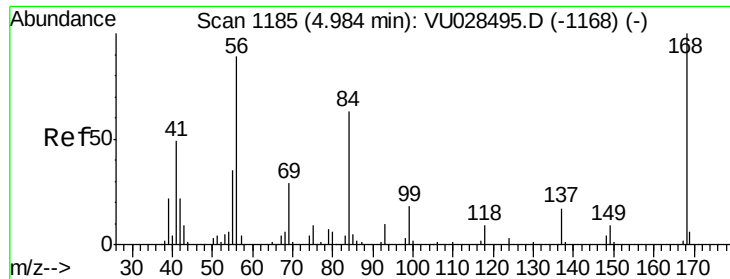
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028625.D

Acq: 11 Dec 2018 22:28

Instrument :

MSVOA_U

ClientSampleId :

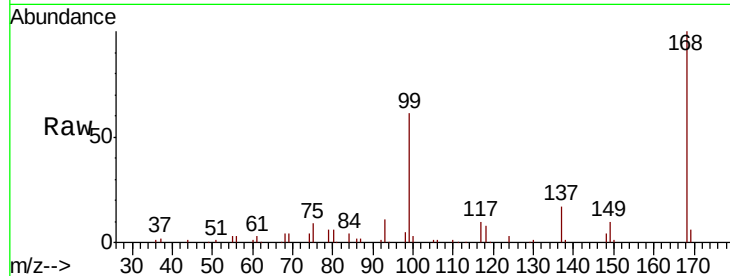
OR-02-121018-A

Tot Ion:168 Resp: 82554

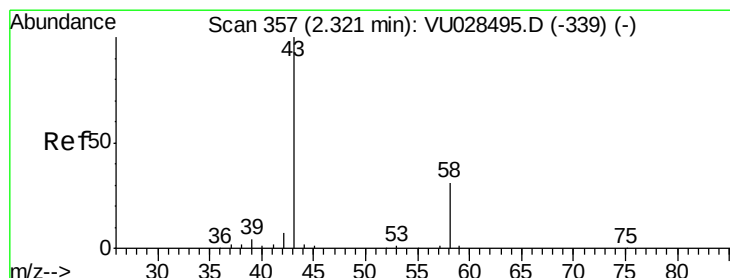
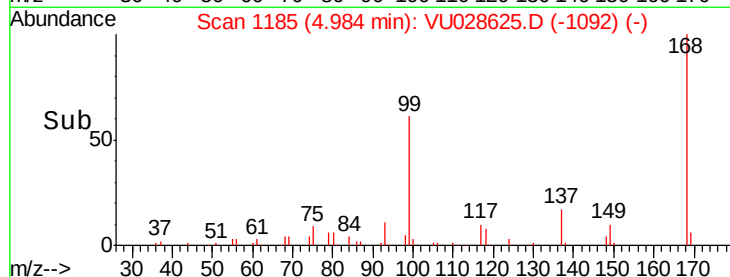
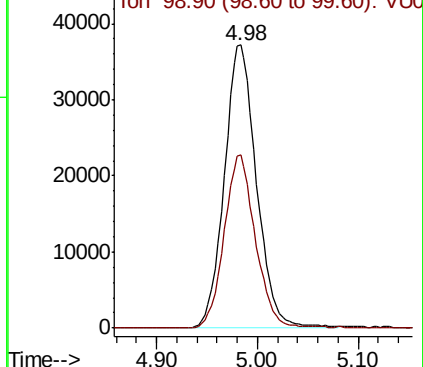
Ion Ratio Lower Upper

168 100

99 61.4 46.6 69.8



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



#16

Acetone

Concen: 6.465 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028625.D

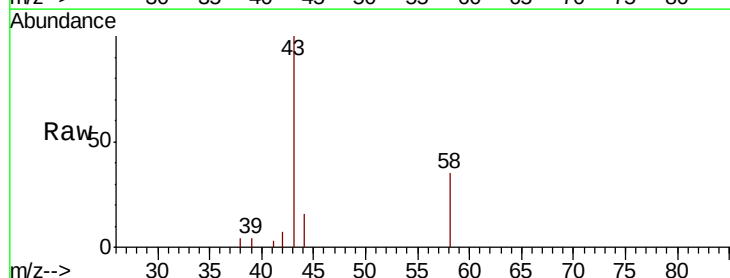
Acq: 11 Dec 2018 22:28

Tgt Ion: 43 Resp: 5315

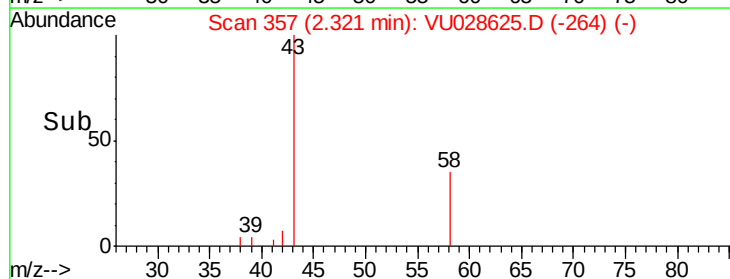
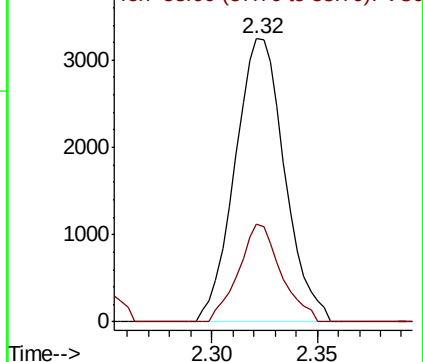
Ion Ratio Lower Upper

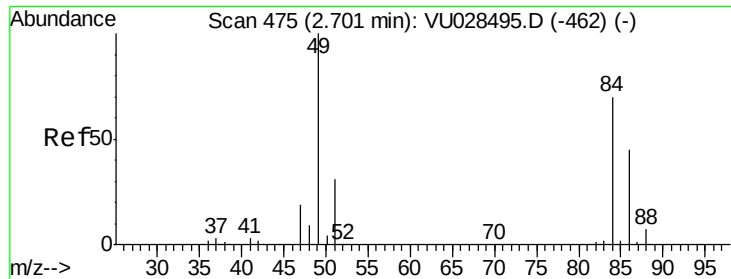
43 100

58 34.8 24.6 37.0



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

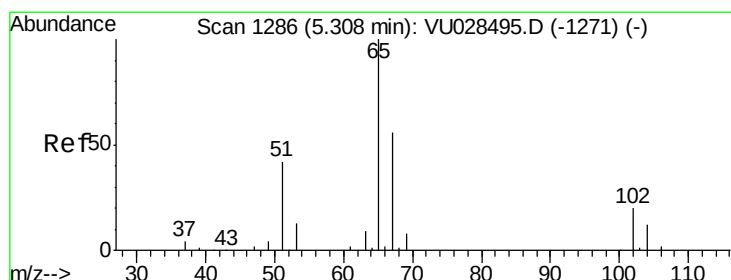
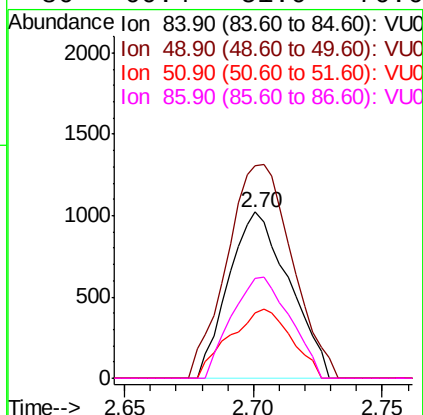
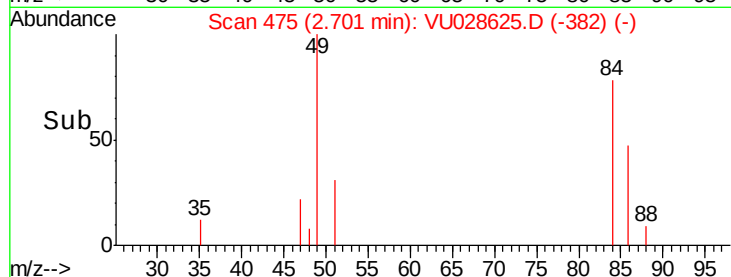
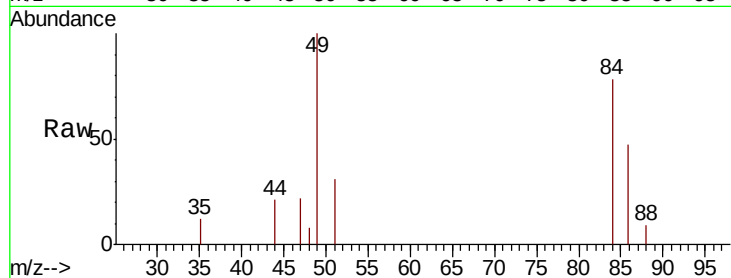




#20
Methylene Chloride
Concen: 1.384 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028625.D
Acq: 11 Dec 2018 22:28

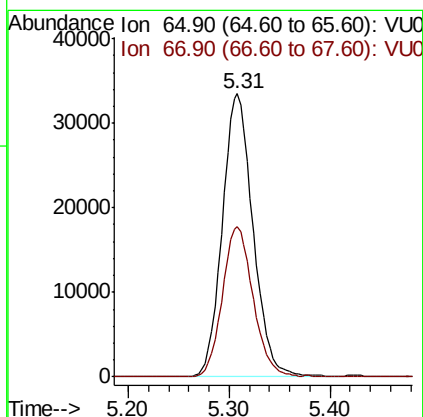
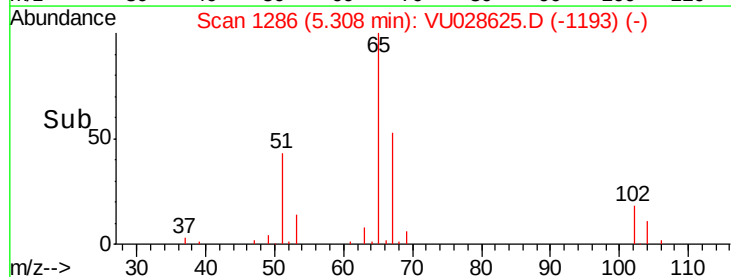
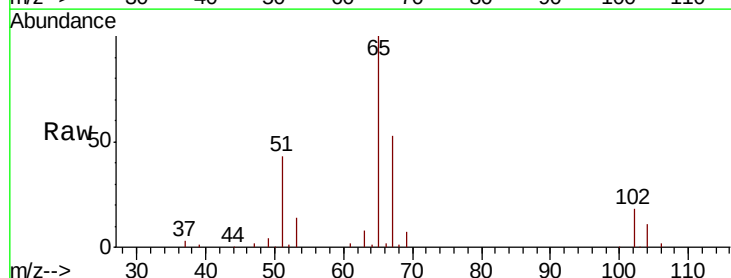
Instrument :
MSVOA_U
ClientSampleId :
OR-02-121018-A

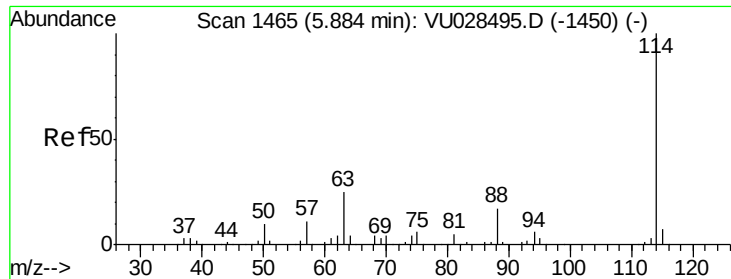
Tot Ion:	84	Resp:	1677
Ion	Ratio	Lower	Upper
84	100		
49	128.2	114.0	171.0
51	39.1	35.1	52.7
86	60.4	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 56.409 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028625.D
Acq: 11 Dec 2018 22:28

Tgt Ion:	65	Resp:	71065
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	110.6

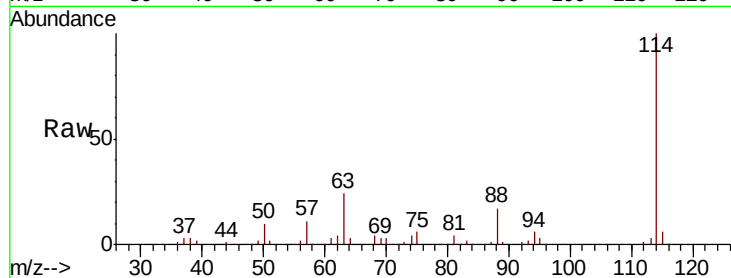




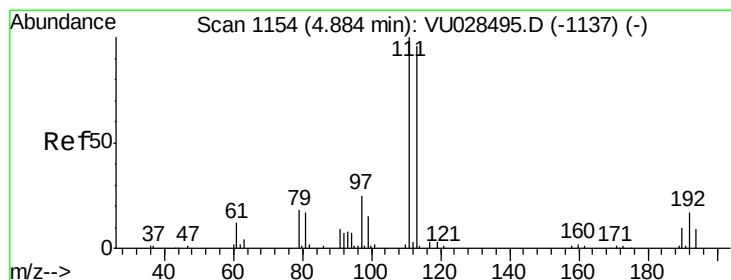
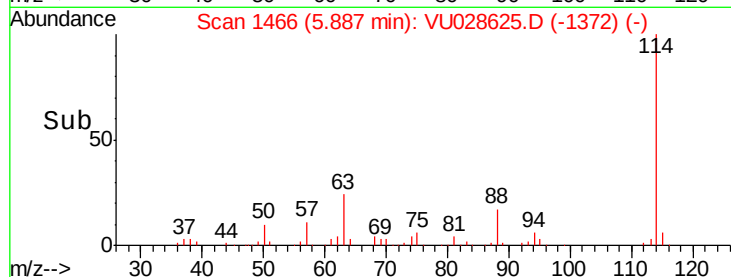
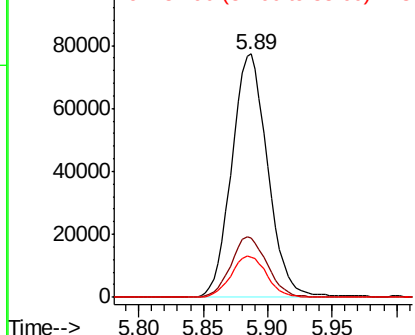
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VU028625.D
Acq: 11 Dec 2018 22:28

Instrument :
MSVOA_U
ClientSampleId :
OR-02-121018-A

Tot Ion:114 Resp: 149813
Ion Ratio Lower Upper
114 100
63 24.3 0.0 49.2
88 16.7 0.0 33.4

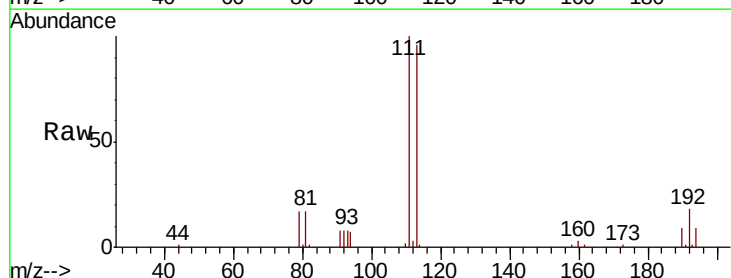


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

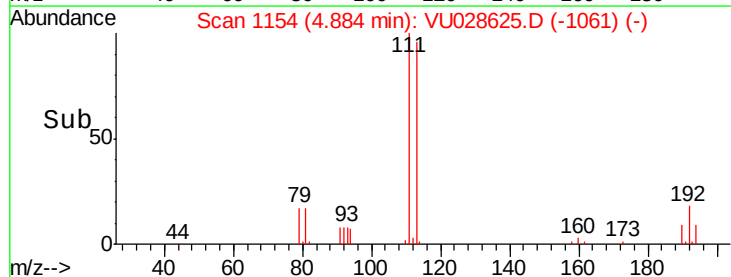
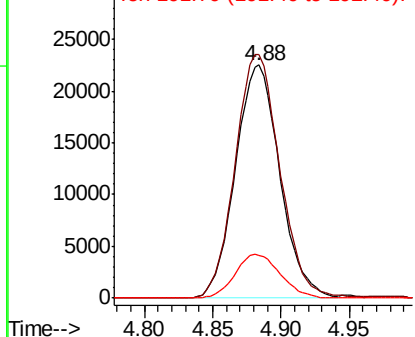


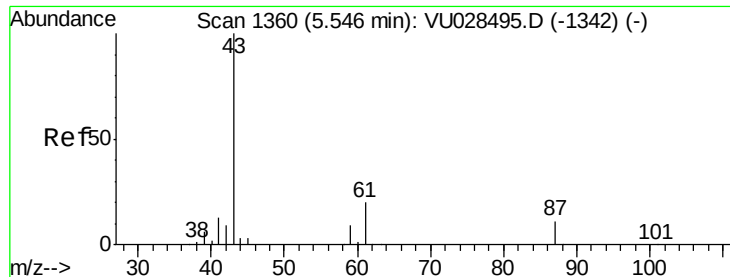
#35
Dibromofluoromethane
Concen: 54.015 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: VU028625.D
Acq: 11 Dec 2018 22:28

Tgt Ion:113 Resp: 50924
Ion Ratio Lower Upper
113 100
111 105.4 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





#43

Isopropyl Acetate

Concen: 3.060 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028625.D

Acq: 11 Dec 2018 22:28

Instrument :

MSVOA_U

ClientSampleId :

OR-02-121018-A

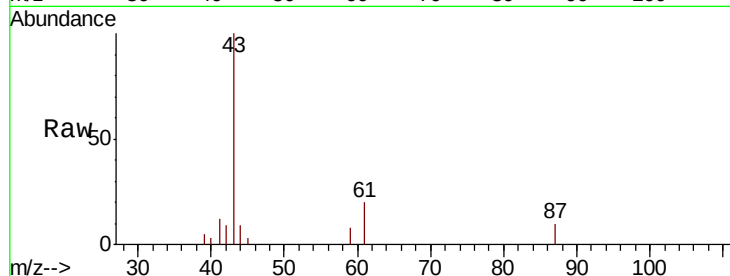
Tot Ion: 43 Resp: 10258

Ion Ratio Lower Upper

43 100

61 18.2 15.5 23.3

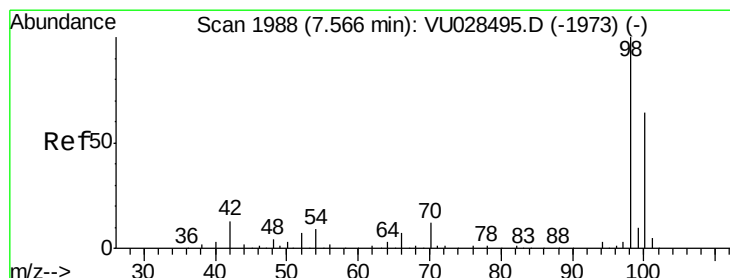
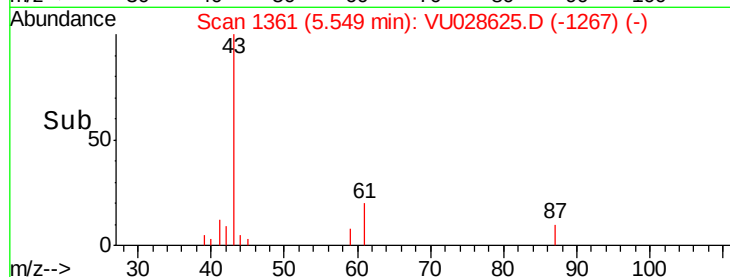
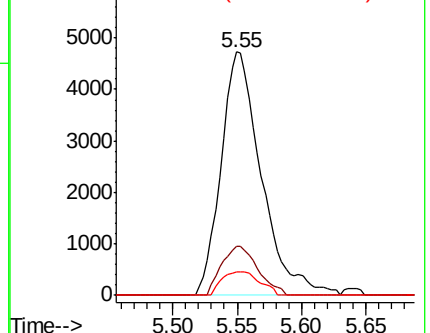
87 9.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028495.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028495.D (-1342) (-)



#50

Toluene-d8

Concen: 52.927 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028625.D

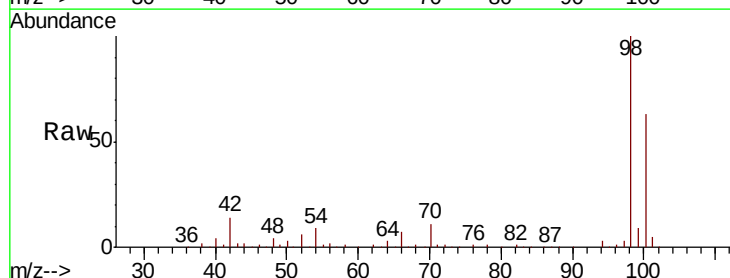
Acq: 11 Dec 2018 22:28

Tgt Ion: 98 Resp: 197390

Ion Ratio Lower Upper

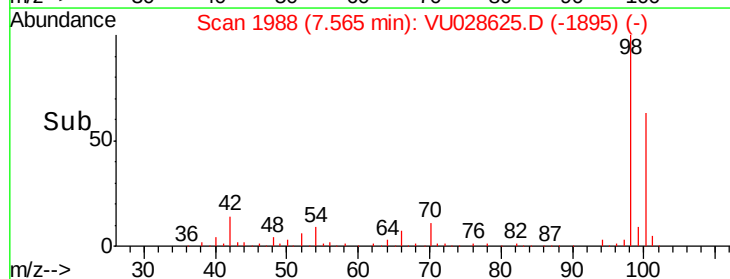
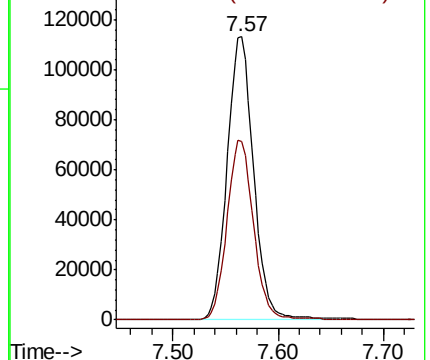
98 100

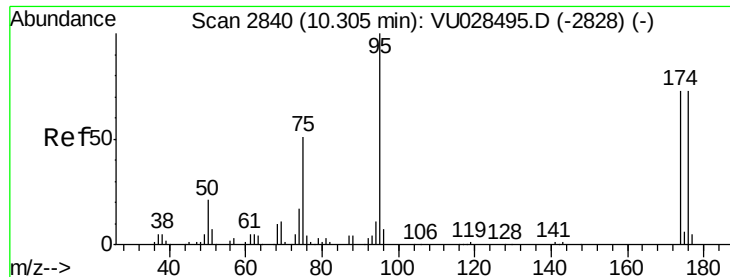
100 63.6 51.0 76.6



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

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





#62

4-Bromofluorobenzene

Concen: 47.757 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028625.D

Acq: 11 Dec 2018 22:28

Instrument :

MSVOA_U

ClientSampleId :

OR-02-121018-A

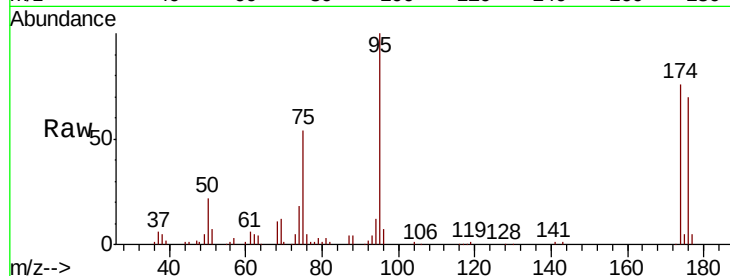
Tot Ion: 95 Resp: 66571

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.4

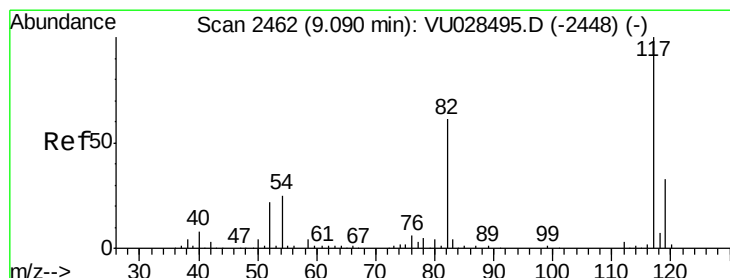
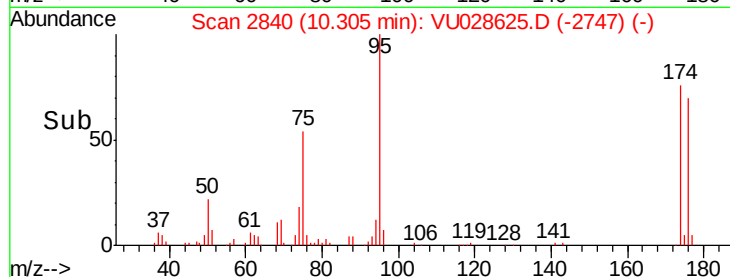
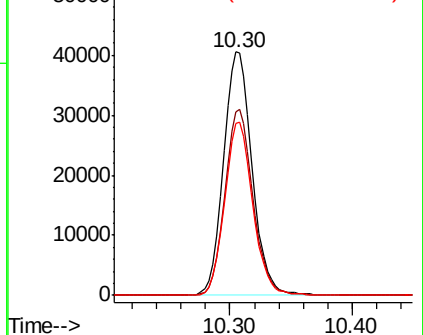
176 70.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028625.D

Acq: 11 Dec 2018 22:28

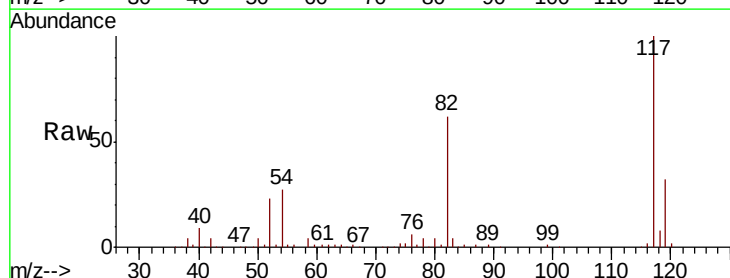
Tgt Ion: 117 Resp: 137532

Ion Ratio Lower Upper

117 100

82 62.0 48.9 73.3

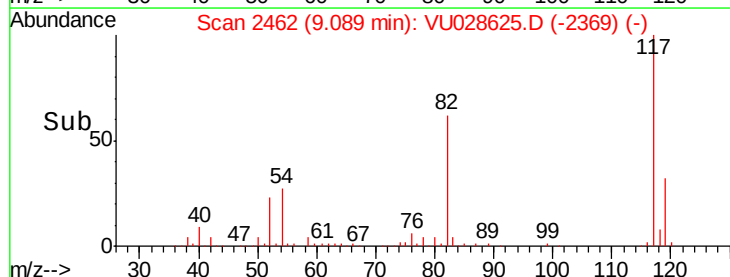
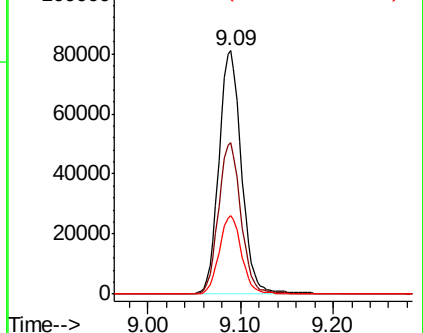
119 32.3 26.2 39.4

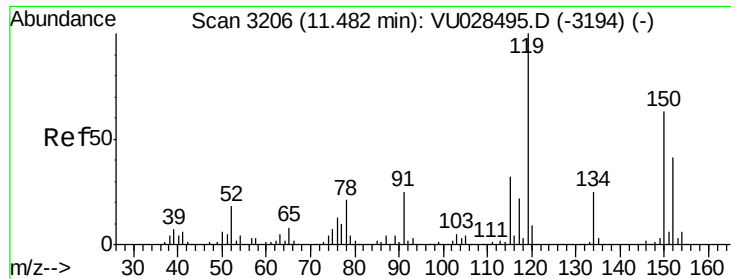


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0

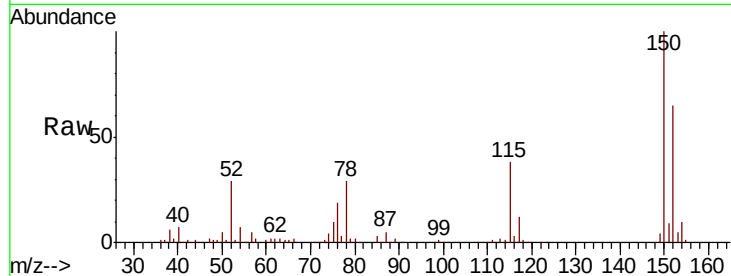




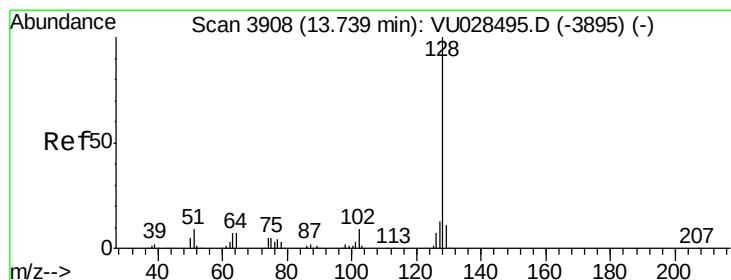
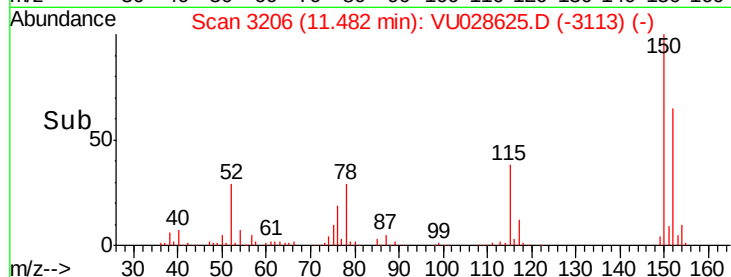
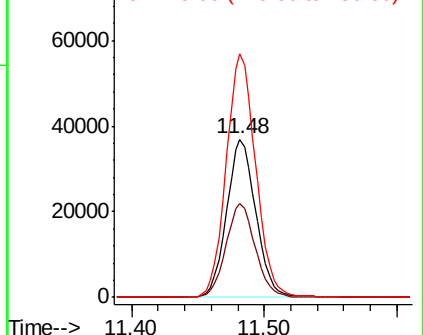
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028625.D
 Acq: 11 Dec 2018 22:28

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-02-121018-A

Tot Ion:152 Resp: 56323
 Ion Ratio Lower Upper
 152 100
 115 59.6 42.7 128.1
 150 156.1 0.0 346.0

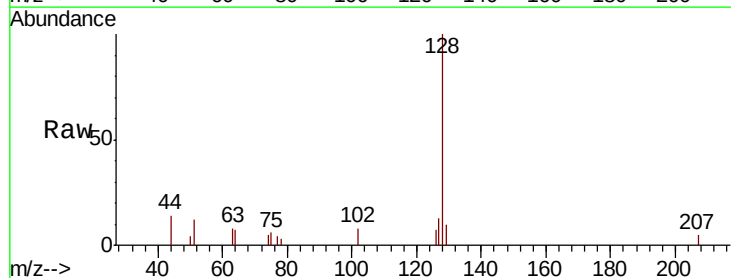


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 1.305 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.01 min
 Lab File: VU028625.D
 Acq: 11 Dec 2018 22:28

Tgt Ion:128 Resp: 5977
 Ion Ratio Lower Upper
 128 100
 127 11.6 10.4 15.6
 129 8.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

