

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028757.D
 Acq On : 18 Dec 2018 06:48
 Operator : MD/SY
 Sample : J6438-08 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 23688

Quant Time: Dec 18 09:06:33 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

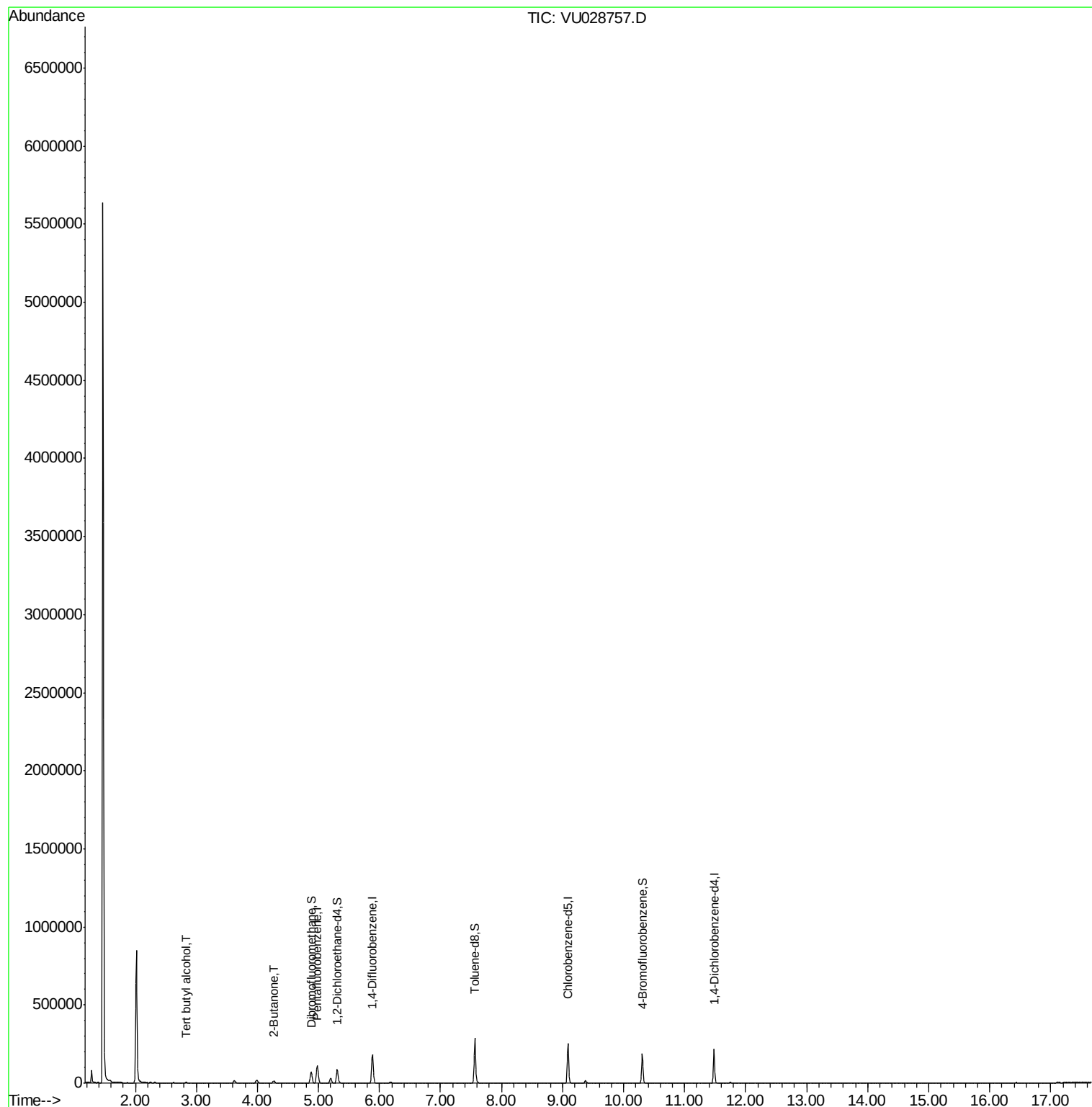
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	147054	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	130460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	66561	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
35) Dibromofluoromethane	4.88	113	48930	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	7.56	98	188205	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	10.31	95	62801	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	4621	16.169	ug/l #	90
25) 2-Butanone	4.27	43	22938	20.052	ug/l	97

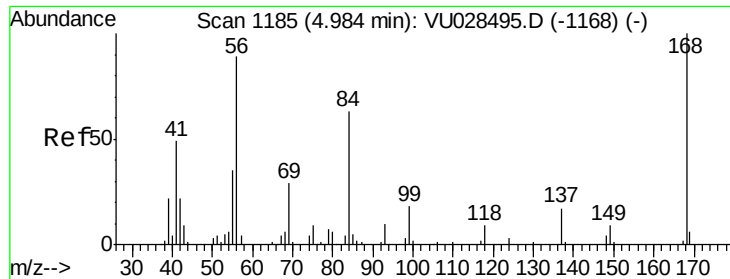
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028757.D
Acq On : 18 Dec 2018 06:48
Operator : MD/SY
Sample : J6438-08 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
23688

Quant Time: Dec 18 09:06:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028757.D

Acq: 18 Dec 2018 06:48

Instrument :

MSVOA_U

ClientSampled :

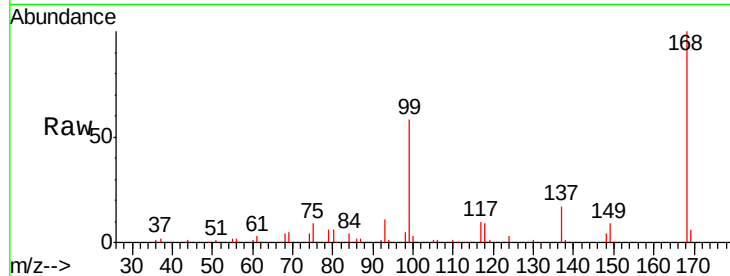
23688

Tgt Ion:168 Resp: 84058

Ion Ratio Lower Upper

168 100

99 57.6 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

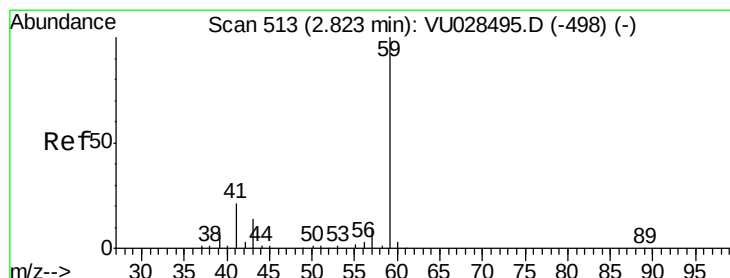
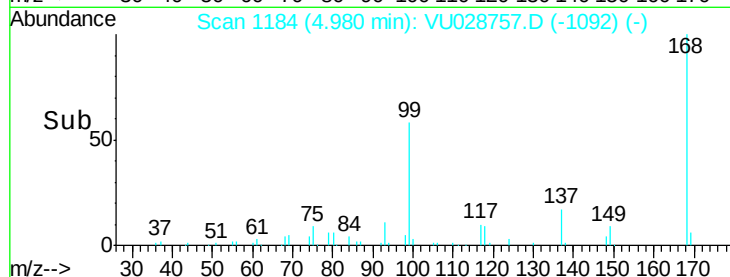
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 16.169 ug/l

RT: 2.83 min Scan# 514

Delta R.T. 0.00 min

Lab File: VU028757.D

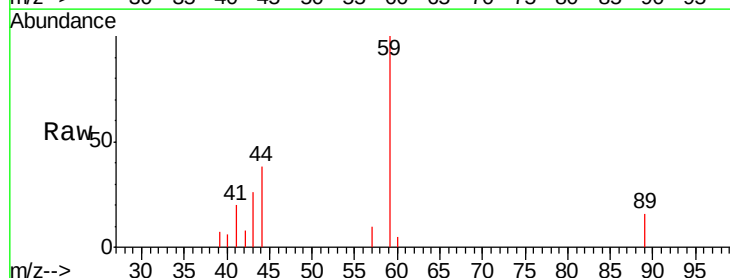
Acq: 18 Dec 2018 06:48

Tgt Ion: 59 Resp: 4621

Ion Ratio Lower Upper

59 100

57 6.3 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU028495.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028495.D (-498) (-)

2.83

2500

2000

1500

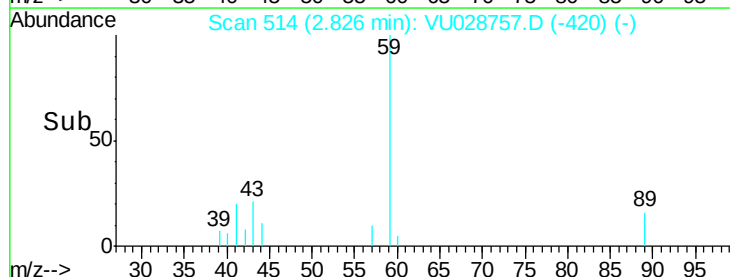
1000

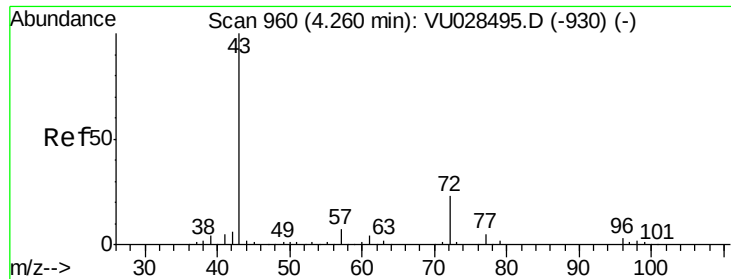
500

0

2.75 2.80 2.85 2.90

Time-->





#25

2-Butanone

Concen: 20.052 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.01 min

Lab File: VU028757.D

Acq: 18 Dec 2018 06:48

Instrument :

MSVOA_U

ClientSampleId :

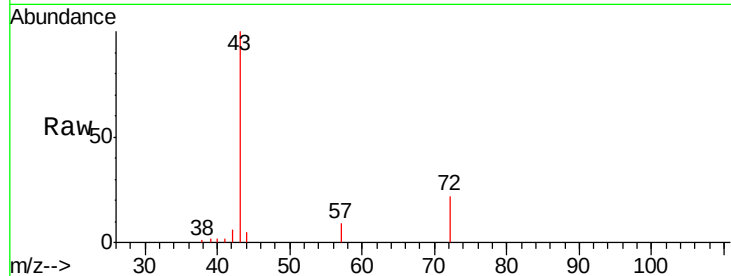
23688

Tgt Ion: 43 Resp: 22938

Ion Ratio Lower Upper

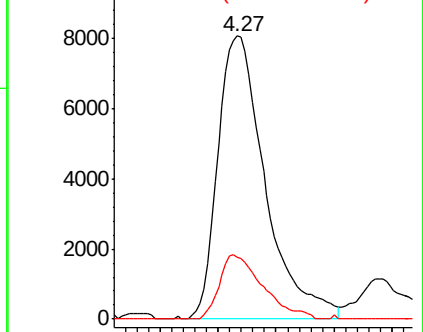
43 100

72 22.0 18.6 28.0

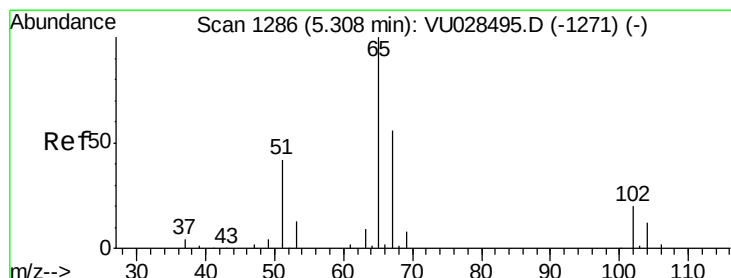
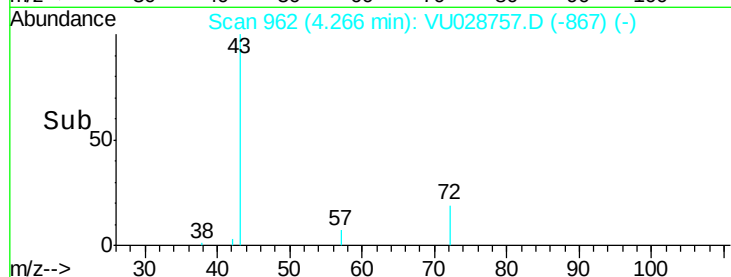


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.888 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU028757.D

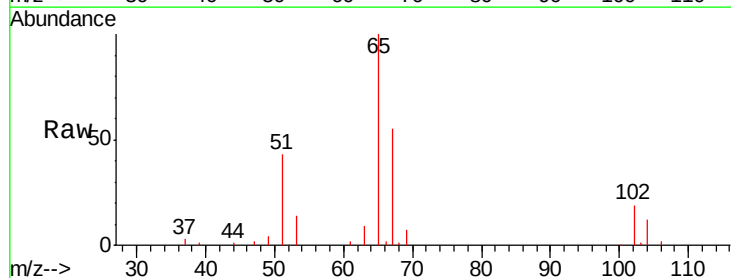
Acq: 18 Dec 2018 06:48

Tgt Ion: 65 Resp: 66561

Ion Ratio Lower Upper

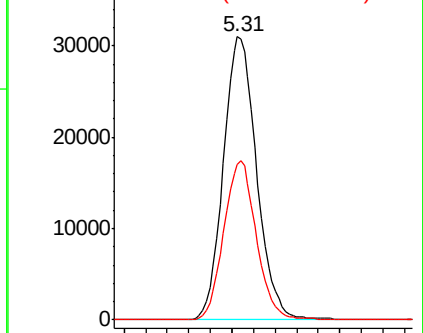
65 100

67 54.8 0.0 110.6

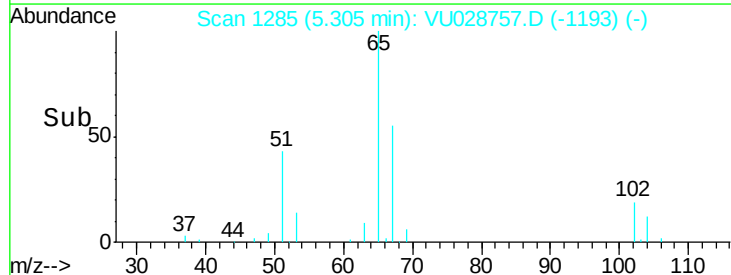


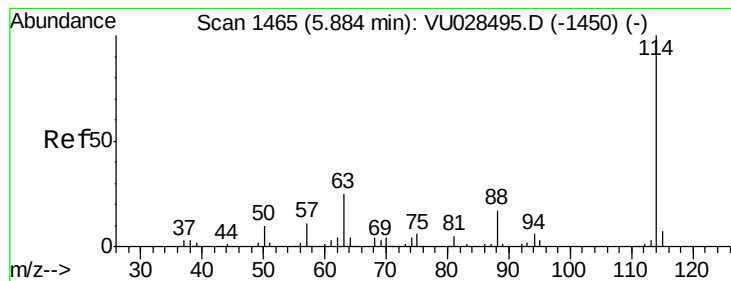
Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028757.D

Acq: 18 Dec 2018 06:48

Instrument :

MSVOA_U

ClientSampleId :

23688

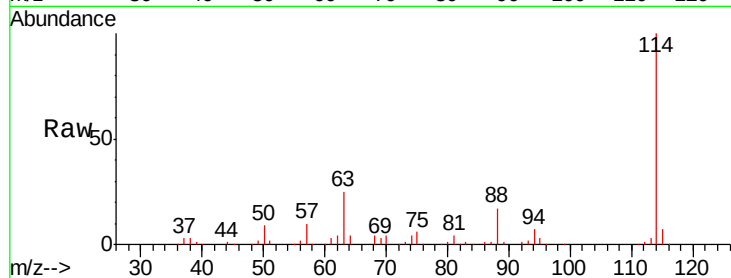
Tgt Ion:114 Resp: 147054

Ion Ratio Lower Upper

114 100

63 25.3 0.0 49.2

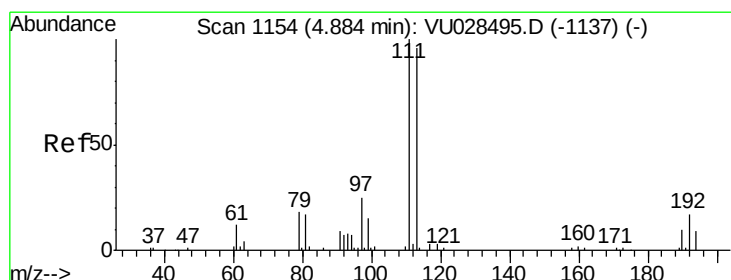
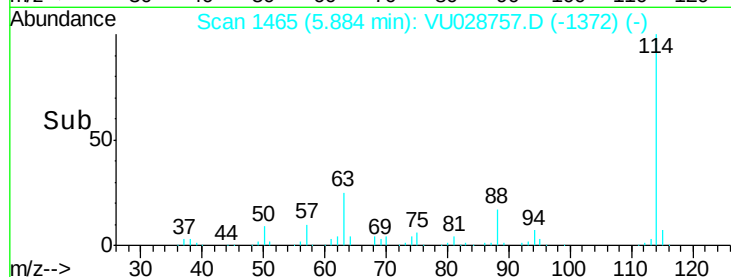
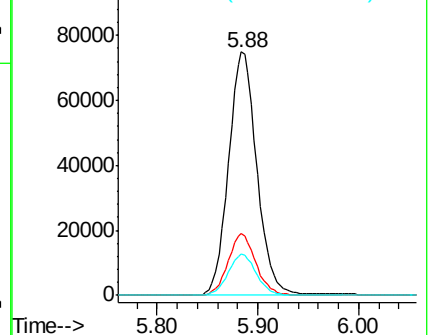
88 16.8 0.0 33.4



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: 52.873 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028757.D

Acq: 18 Dec 2018 06:48

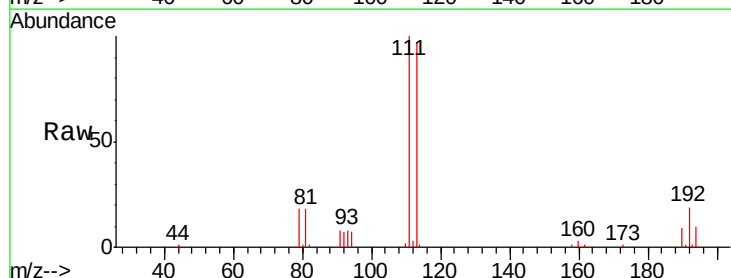
Tgt Ion:113 Resp: 48930

Ion Ratio Lower Upper

113 100

111 105.4 83.4 125.0

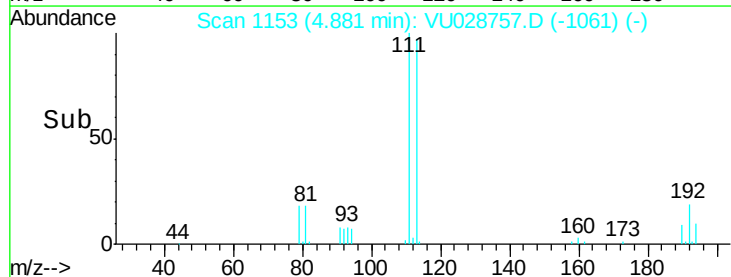
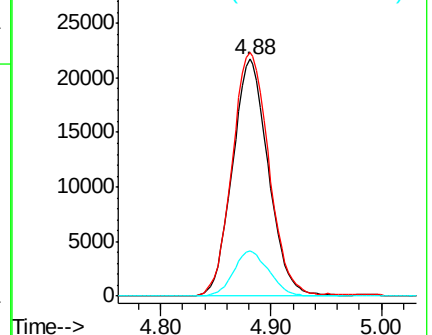
192 18.7 14.8 22.2

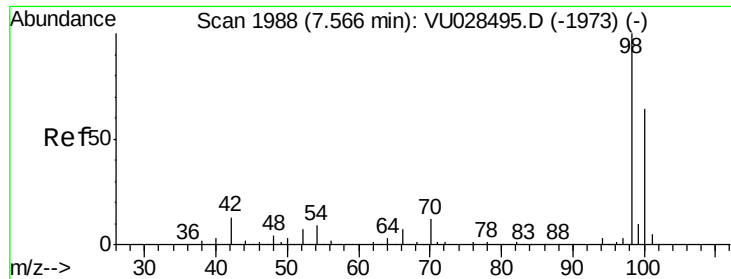


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

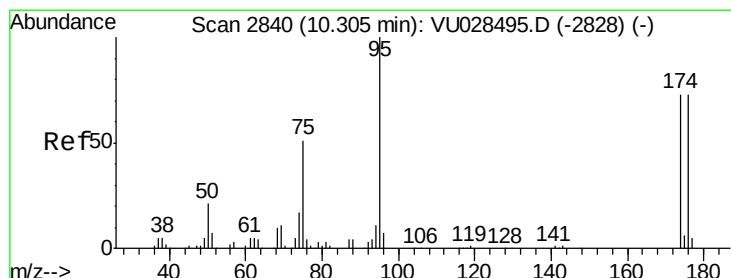
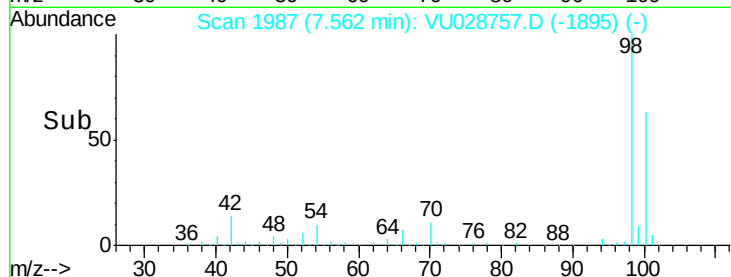
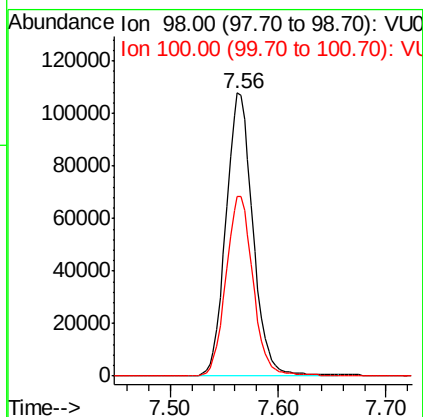
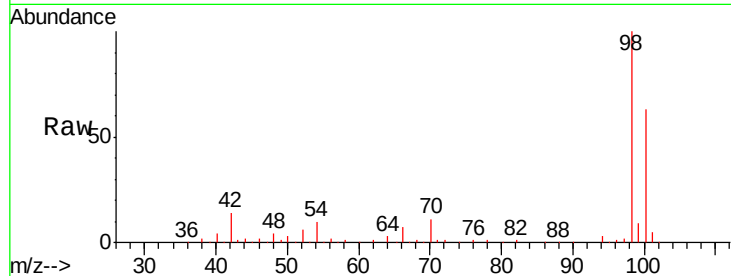




#50
Toluene-d8
Concen: 51.411 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028757.D
Acq: 18 Dec 2018 06:48

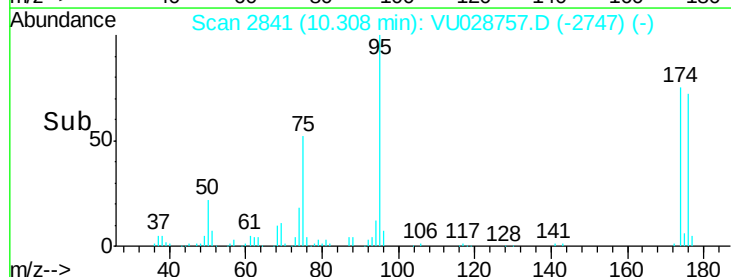
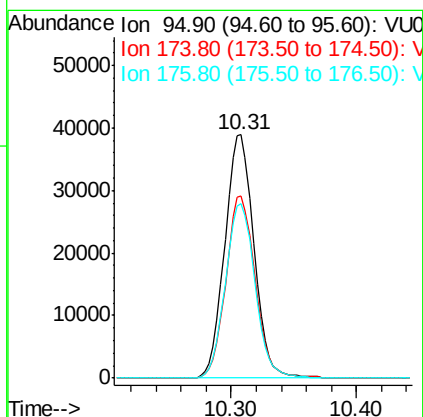
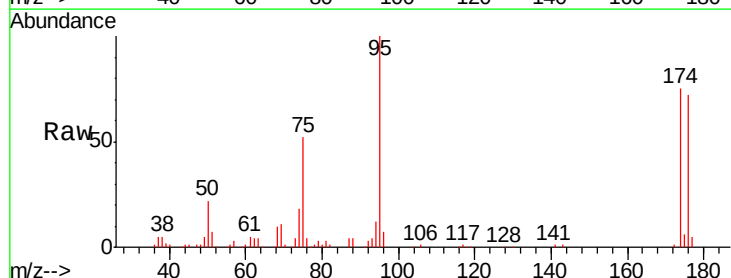
Instrument :
MSVOA_U
ClientSampleId :
23688

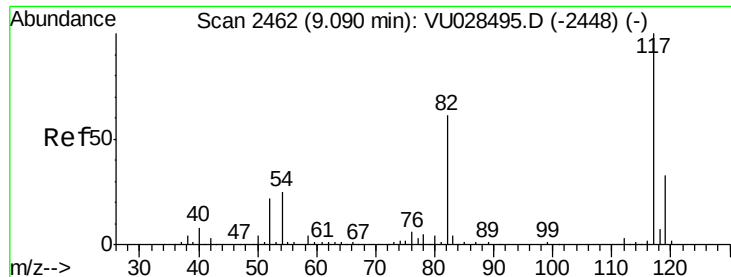
Tgt Ion: 98 Resp: 188205
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.898 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028757.D
Acq: 18 Dec 2018 06:48

Tgt Ion: 95 Resp: 62801
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 72.8 0.0 145.2

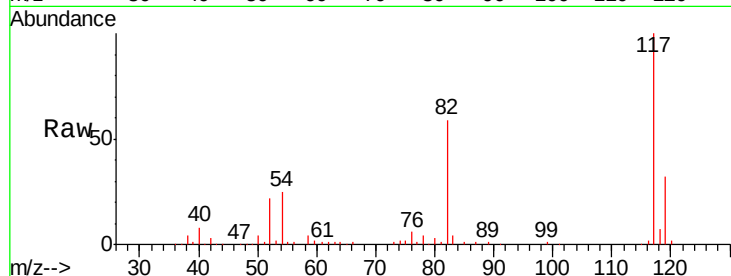




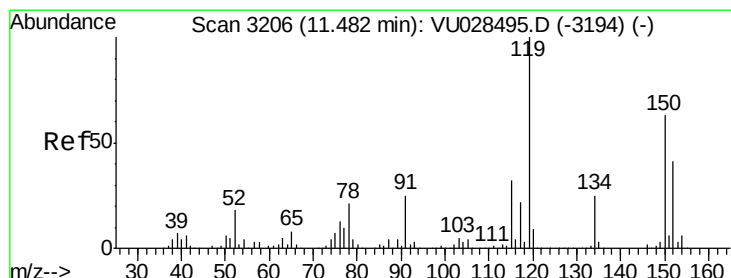
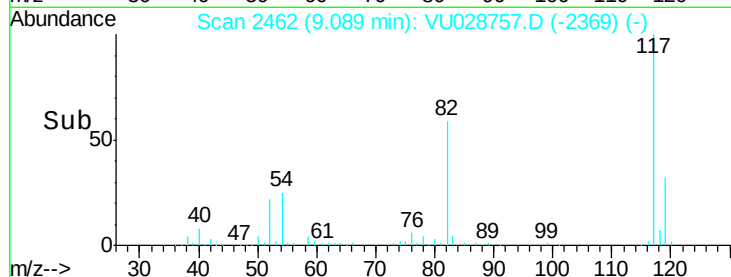
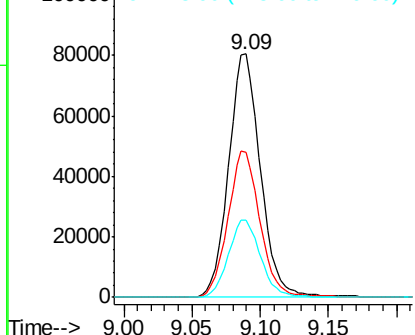
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028757.D
Acq: 18 Dec 2018 06:48

Instrument :
MSVOA_U
ClientSampleId :
23688

Tgt Ion:117 Resp: 130460
Ion Ratio Lower Upper
117 100
82 59.5 48.9 73.3
119 31.7 26.2 39.4

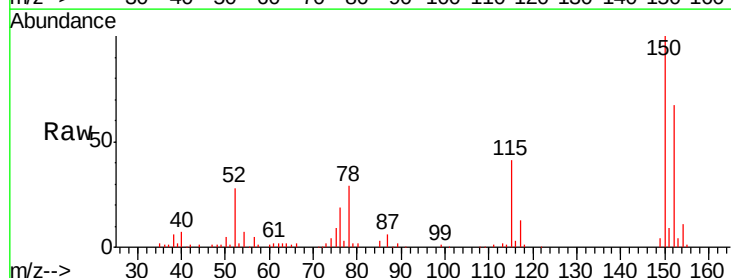


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028757.D
Acq: 18 Dec 2018 06:48

Tgt Ion:152 Resp: 53328
Ion Ratio Lower Upper
152 100
115 60.9 42.7 128.1
150 152.7 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

