

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028388.D
 Acq On : 29 Nov 2018 13:04
 Operator : MD/SY
 Sample : J6085-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NS

Quant Time: Nov 30 07:28:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

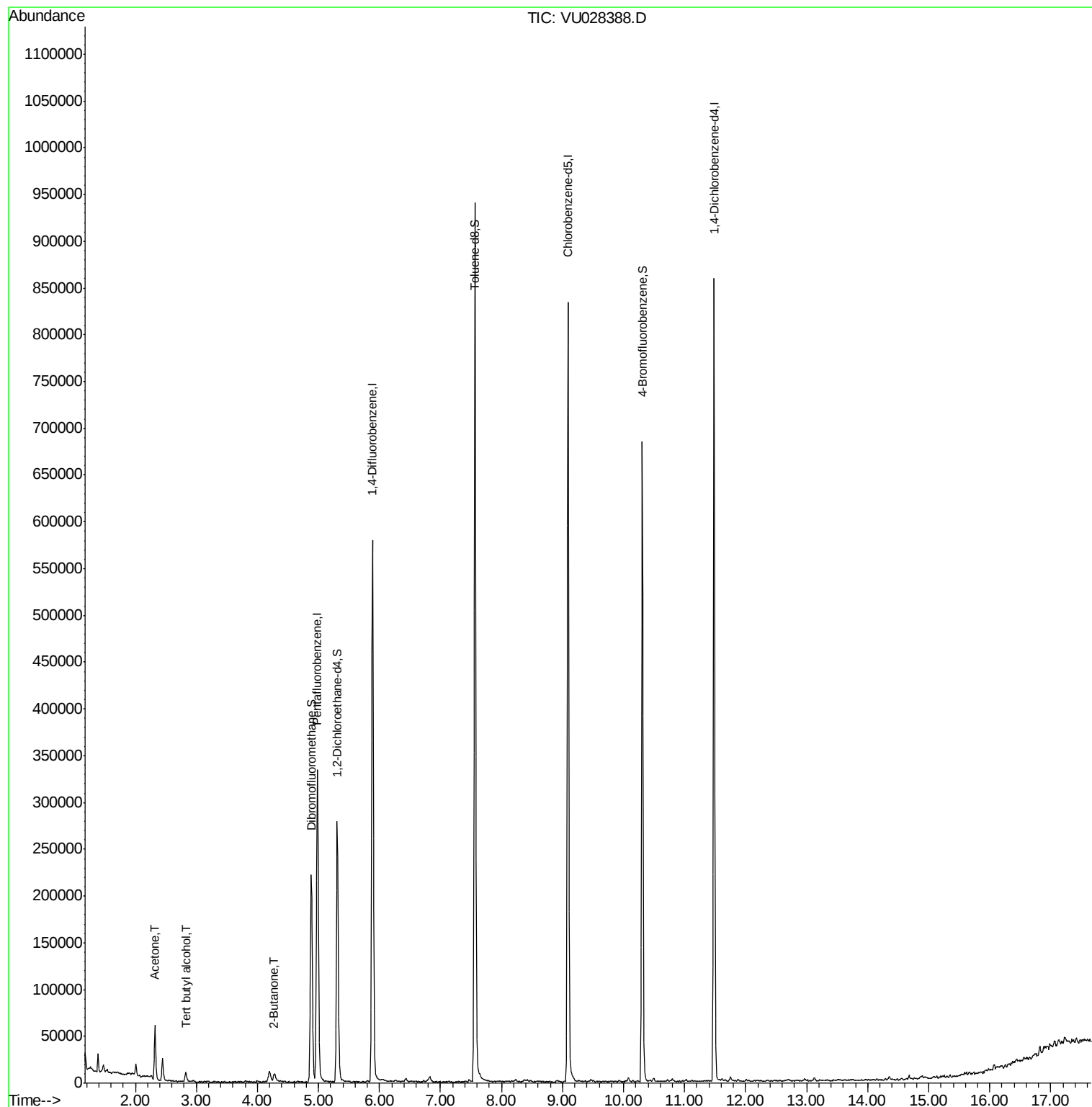
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	244757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	469563	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	437626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	204228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	217237	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
35) Dibromofluoromethane	4.88	113	154432	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	7.57	98	620340	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	10.31	95	225633	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	11451	12.322	ug/l	99
16) Acetone	2.32	43	61649	24.637	ug/l	100
25) 2-Butanone	4.28	43	15645	4.363	ug/l	94

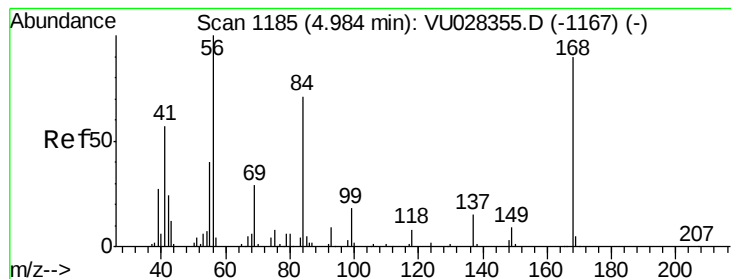
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028388.D

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Instrument :

MSVOA_U

ClientSampleId :

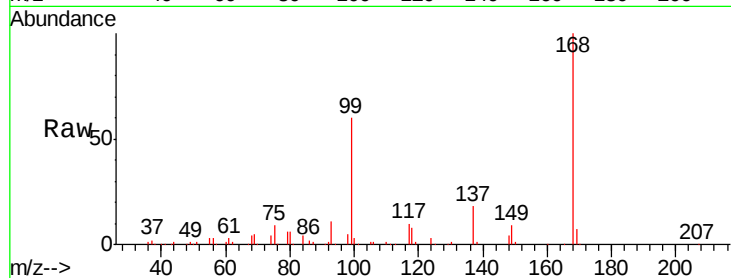
NS

Tgt Ion:168 Resp: 244757

Ion Ratio Lower Upper

168 100

99 60.4 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

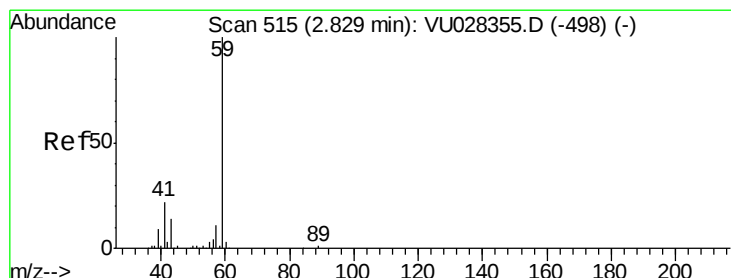
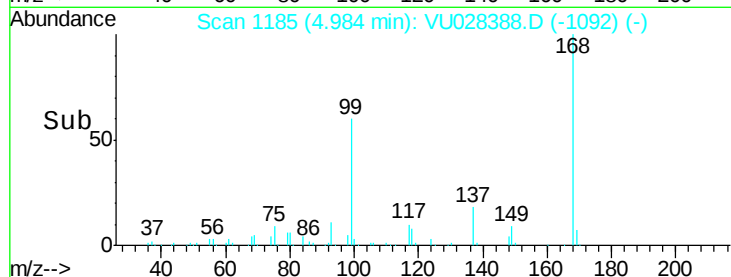
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 12.322 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU028388.D

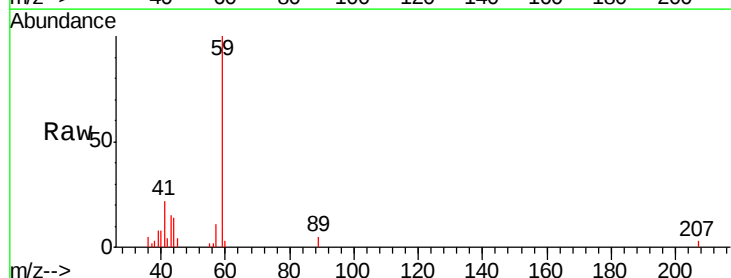
Acq: 29 Nov 2018 13:04

Tgt Ion: 59 Resp: 11451

Ion Ratio Lower Upper

59 100

57 10.0 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VU028355.D (-498) (-)

Ion 57.00 (56.70 to 57.70): VU028355.D (-498) (-)

2.83

6000

5000

4000

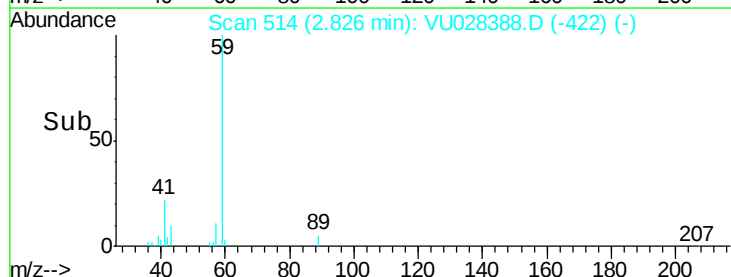
3000

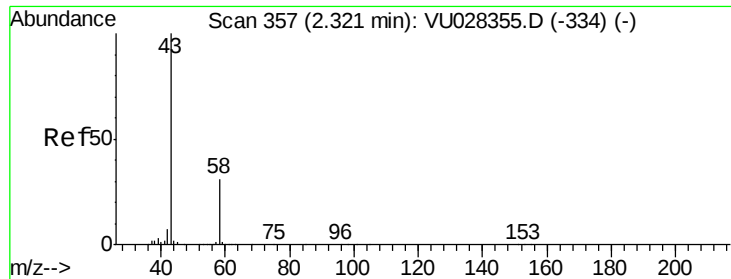
2000

1000

0

Time-->





#16

Acetone

Concen: 24.637 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028388.D

Acq: 29 Nov 2018 13:04

Instrument :

MSVOA_U

ClientSampleId :

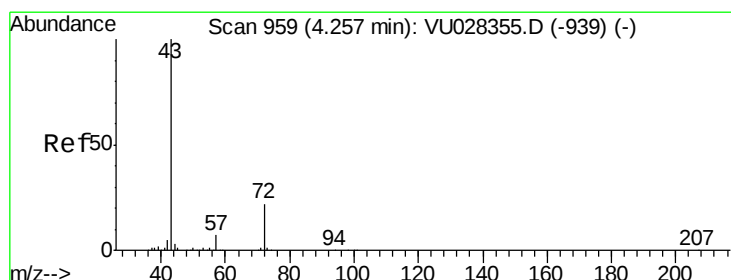
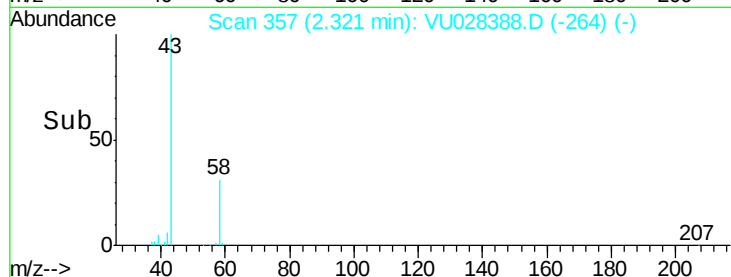
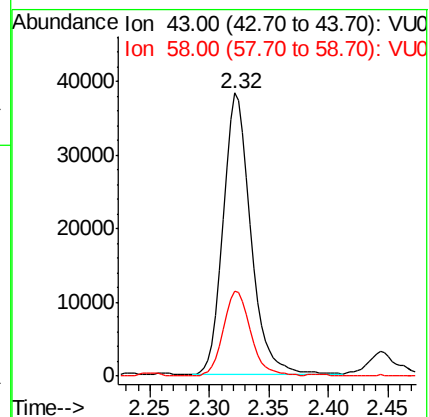
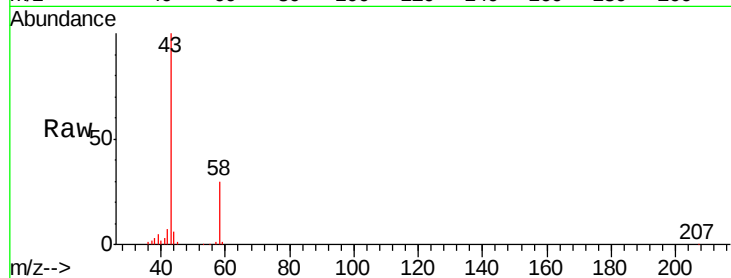
NS

Tgt Ion: 43 Resp: 61649

Ion Ratio Lower Upper

43 100

58 30.4 24.4 36.6



#25

2-Butanone

Concen: 4.363 ug/l

RT: 4.28 min Scan# 965

Delta R.T. 0.02 min

Lab File: VU028388.D

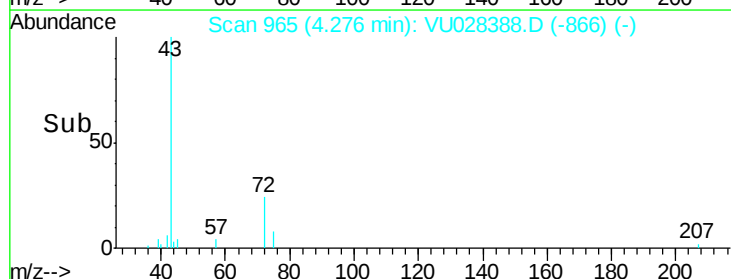
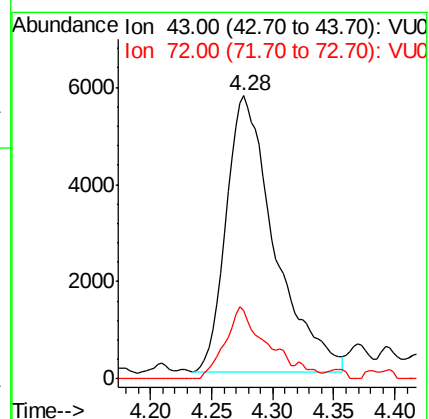
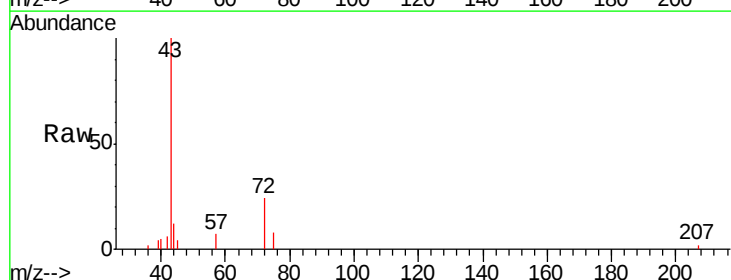
Acq: 29 Nov 2018 13:04

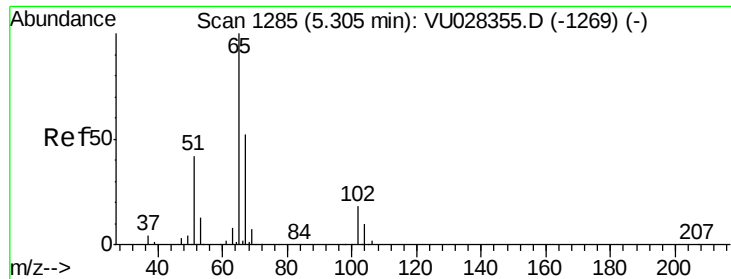
Tgt Ion: 43 Resp: 15645

Ion Ratio Lower Upper

43 100

72 24.9 17.7 26.5

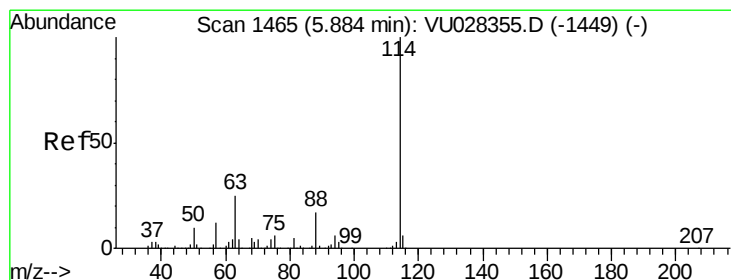
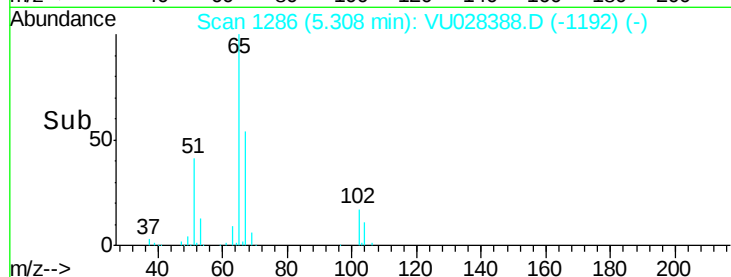
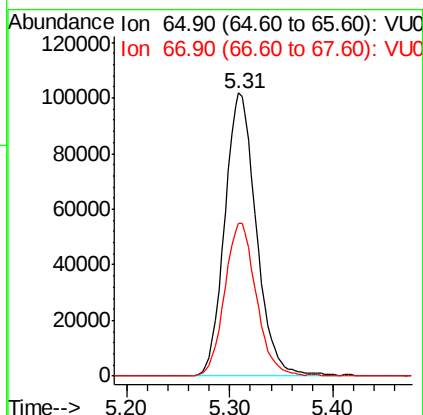
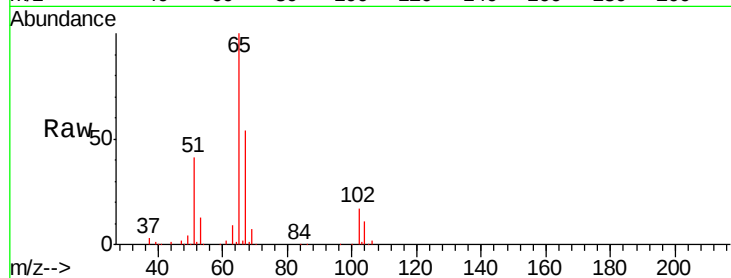




#33
 1,2-Dichloroethane-d4
 Concen: 53.108 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028388.D
 Acq: 29 Nov 2018 13:04

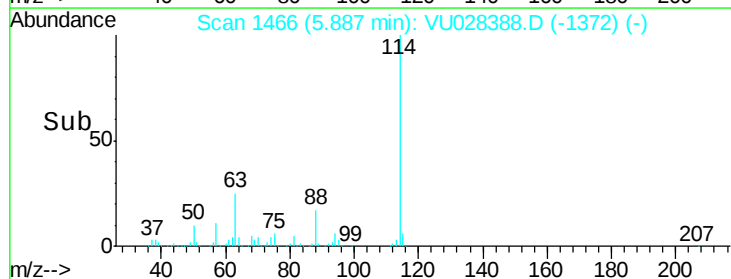
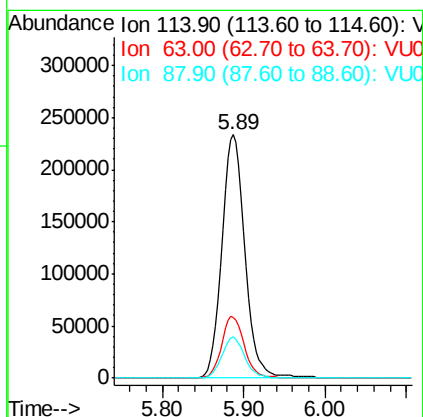
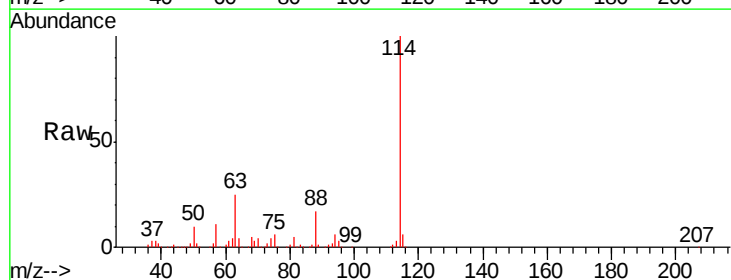
Instrument :
 MSVOA_U
 ClientSampleId :
 NS

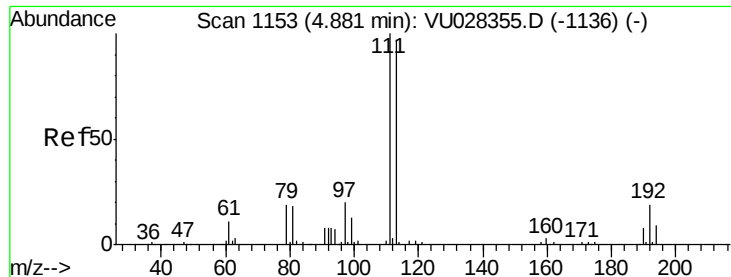
Tgt Ion: 65 Resp: 217237
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028388.D
 Acq: 29 Nov 2018 13:04

Tgt Ion: 114 Resp: 469563
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.0
 88 17.1 0.0 34.4

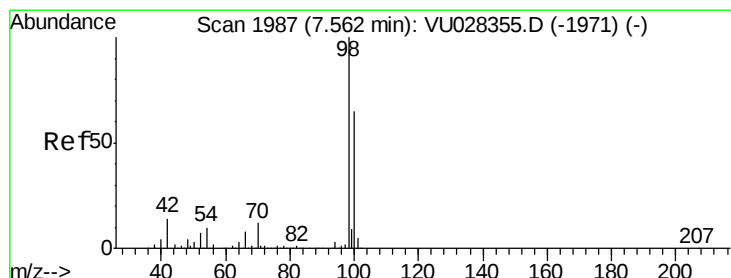
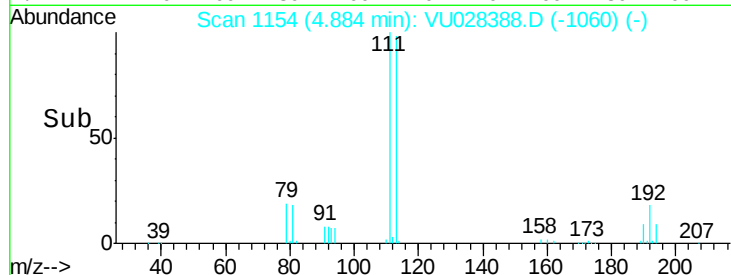
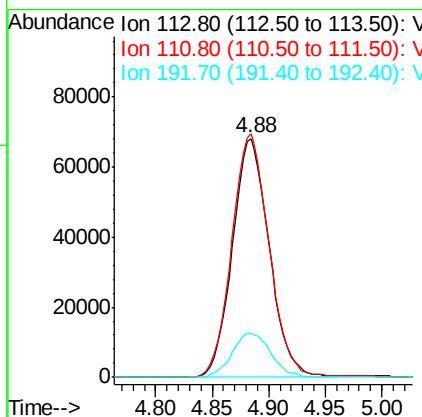
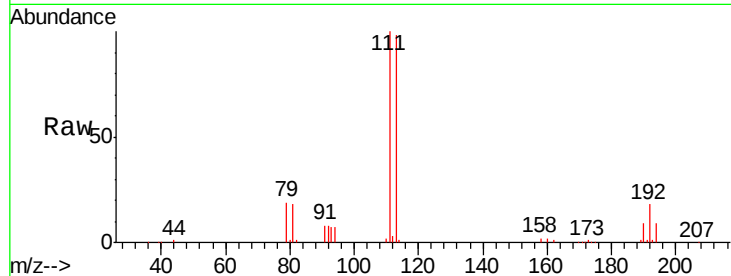




#35
 Dibromofluoromethane
 Concen: 49.459 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028388.D
 Acq: 29 Nov 2018 13:04

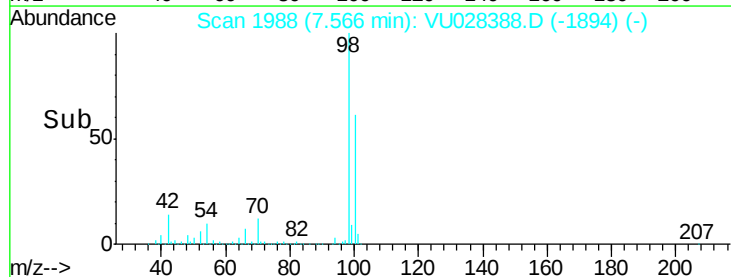
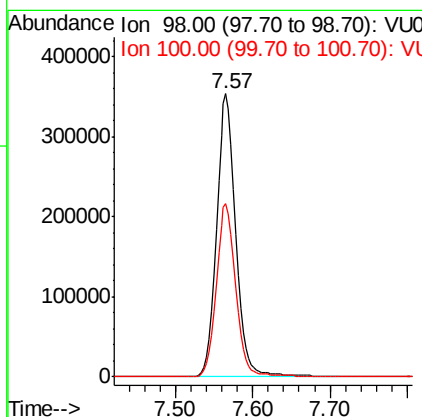
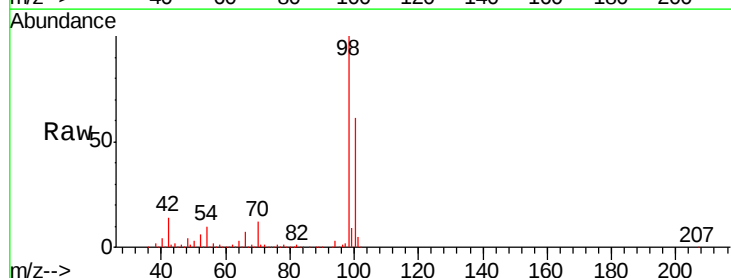
Instrument :
 MSVOA_U
 ClientSampleId :
 NS

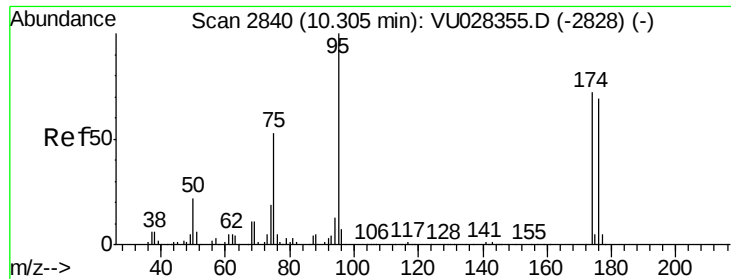
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	19.4	15.4	23.0



#50
 Toluene-d8
 Concen: 49.677 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU028388.D
 Acq: 29 Nov 2018 13:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.6	50.8	76.2





#62

4-Bromofluorobenzene

Concen: 50.132 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028388.D

Acq: 29 Nov 2018 13:04

Instrument :

MSVOA_U

ClientSampleId :

NS

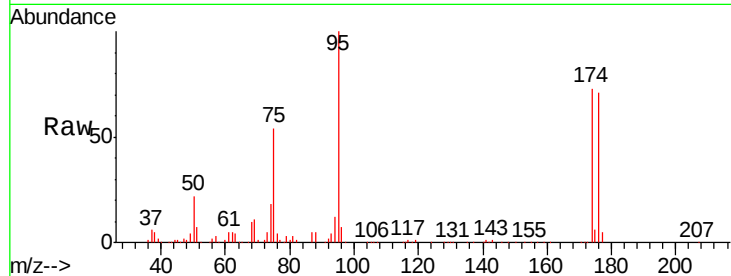
Tgt Ion: 95 Resp: 225633

Ion Ratio Lower Upper

95 100

174 72.3 0.0 145.4

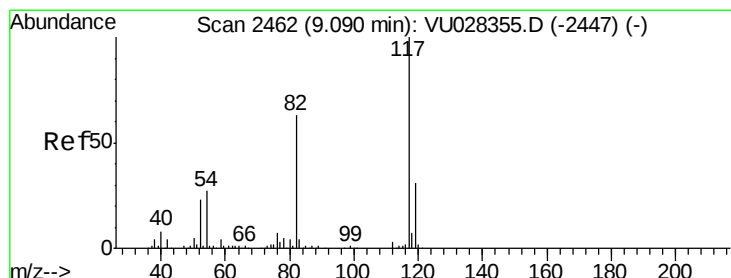
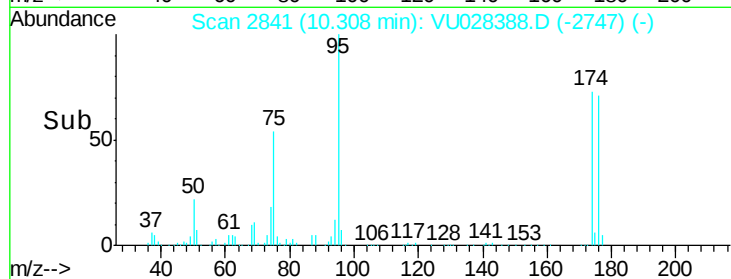
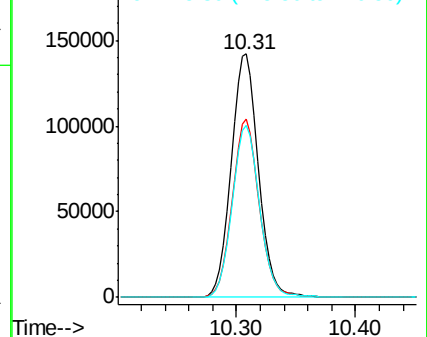
176 70.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028355.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028355.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028355.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028388.D

Acq: 29 Nov 2018 13:04

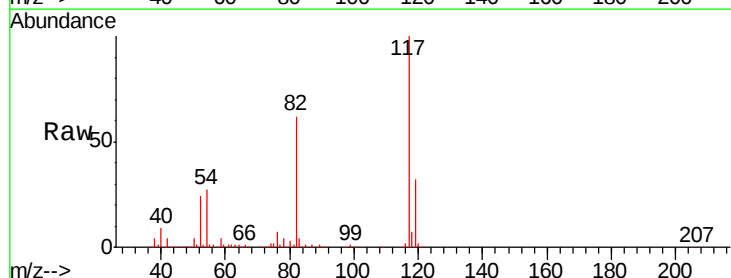
Tgt Ion: 117 Resp: 437626

Ion Ratio Lower Upper

117 100

82 62.2 50.3 75.5

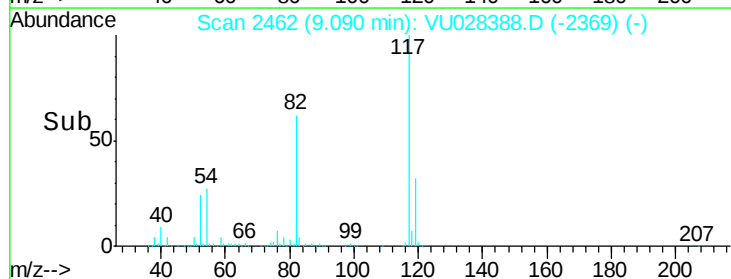
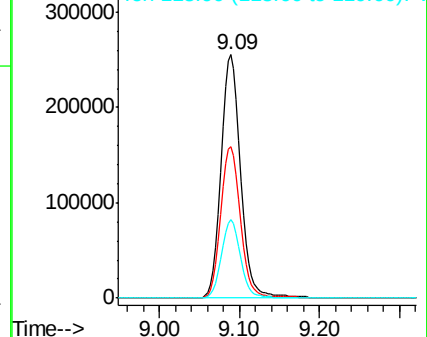
119 32.2 24.8 37.2

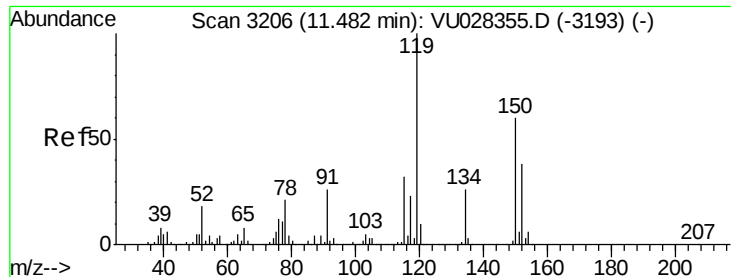


Abundance Ion 116.90 (116.60 to 117.60): VU028355.D (-2447) (-)

Ion 82.00 (81.70 to 82.70): VU028355.D (-2447) (-)

Ion 118.90 (118.60 to 119.60): VU028355.D (-2447) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028388.D

Acq: 29 Nov 2018 13:04

Instrument :

MSVOA_U

ClientSampleId :

NS

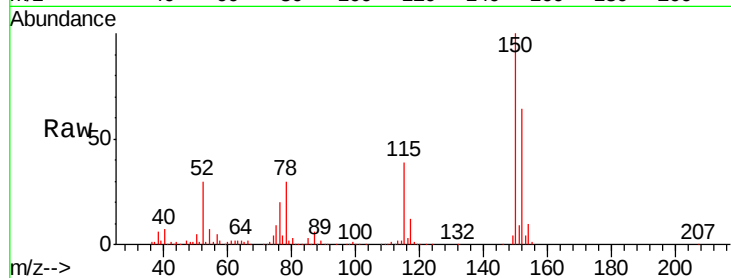
Tgt Ion:152 Resp: 204228

Ion Ratio Lower Upper

152 100

115 60.5 45.0 134.8

150 157.0 0.0 349.2



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

