

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028383.D
 Acq On : 29 Nov 2018 11:08
 Operator : MD/SY
 Sample : J6081-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-EB-2018-3

Quant Time: Nov 30 07:18:42 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

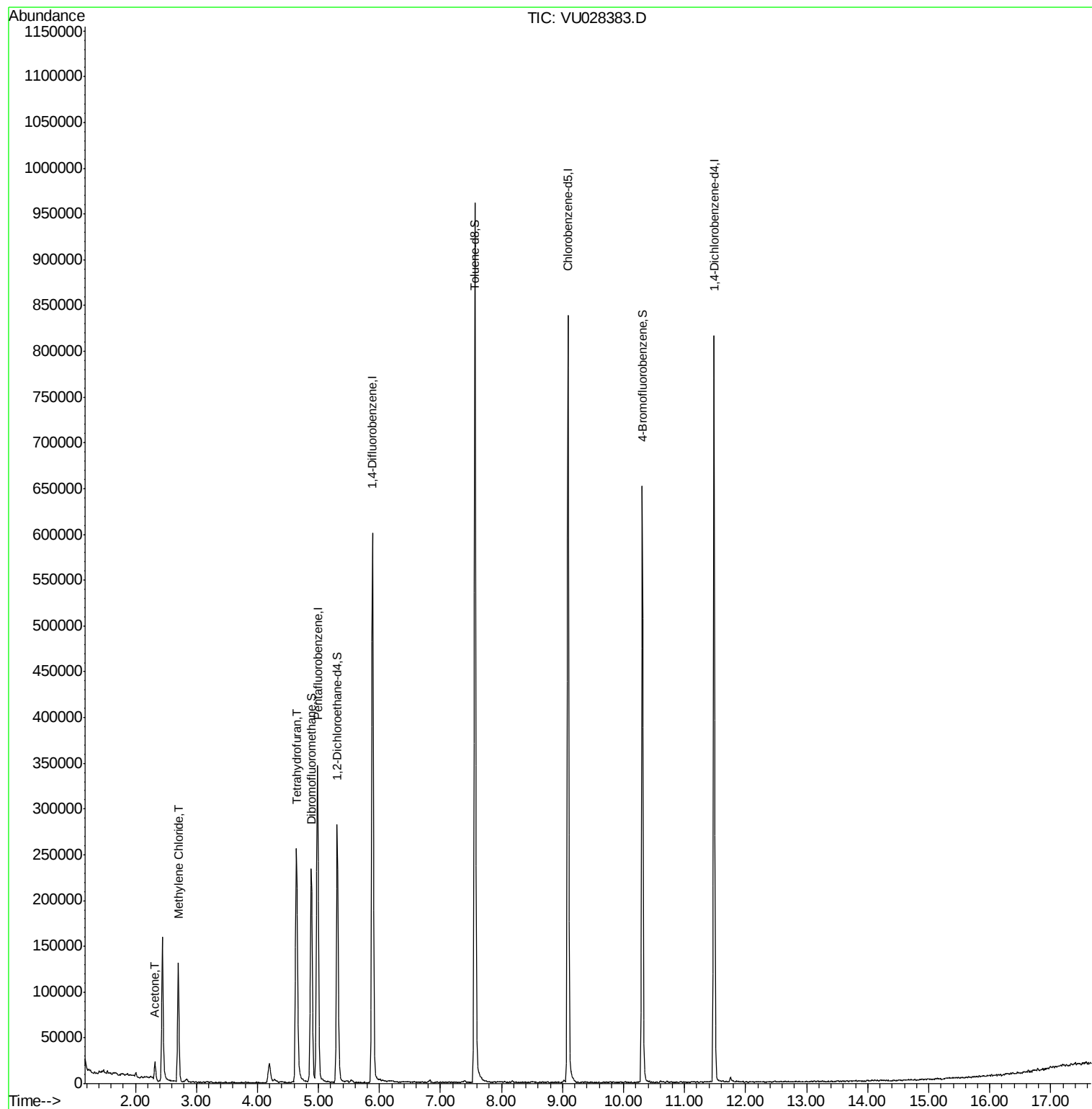
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	252310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	481139	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	438238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	193153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	219200	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	4.88	113	160300	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	7.57	98	628091	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	10.31	95	220831	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
Target Compounds						
16) Acetone	2.32	43	21068	8.168	ug/l	98
20) Methylene Chloride	2.70	84	51695	14.156	ug/l	95
29) Tetrahydrofuran	4.64	42	213556	88.974	ug/l	99

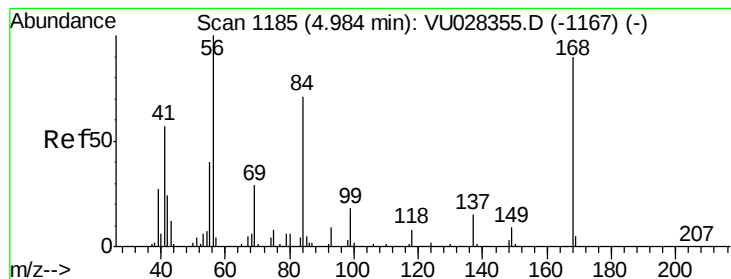
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028383.D

Acq: 29 Nov 2018 11:08

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ClientSampleId :

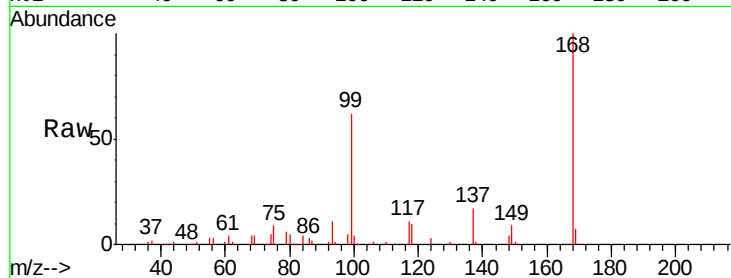
S32-EB-2018-3

Tgt Ion:168 Resp: 252310

Ion Ratio Lower Upper

168 100

99 61.7 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

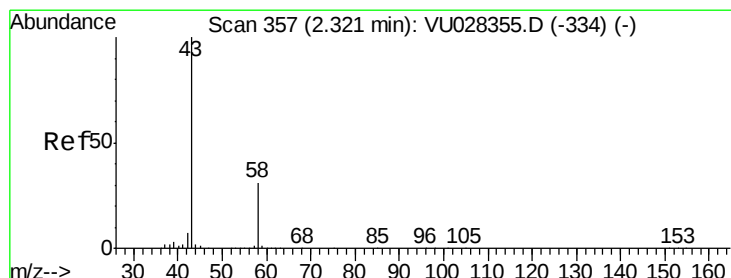
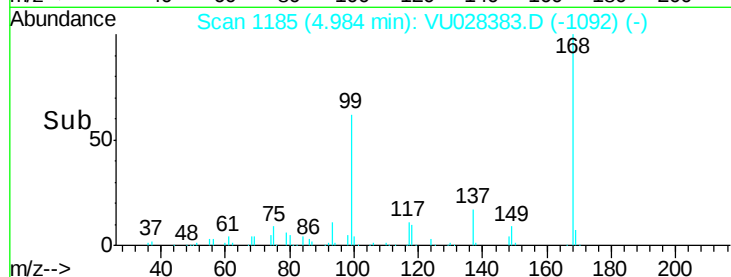
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.168 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028383.D

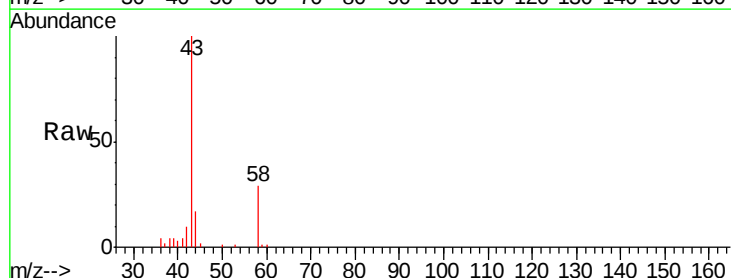
Acq: 29 Nov 2018 11:08

Tgt Ion: 43 Resp: 21068

Ion Ratio Lower Upper

43 100

58 29.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

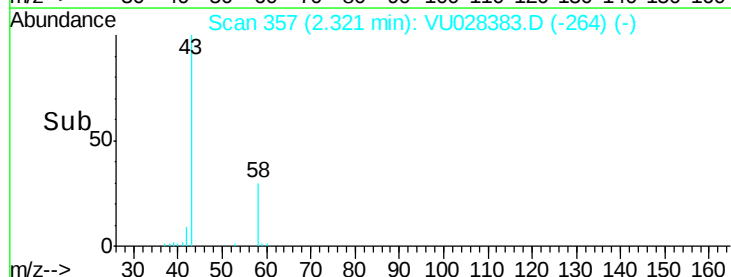
15000

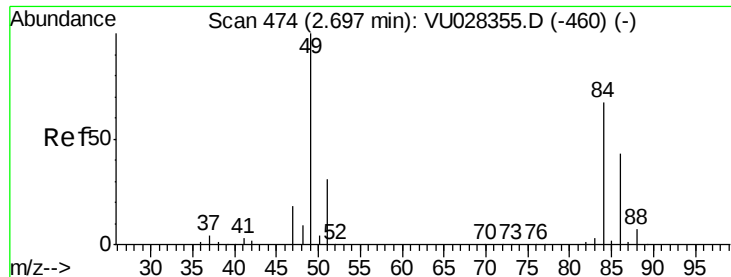
10000

5000

0

Time-->

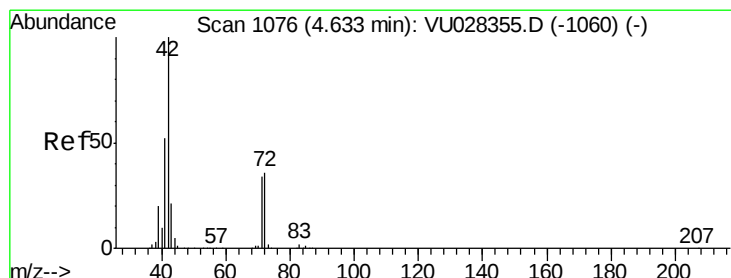
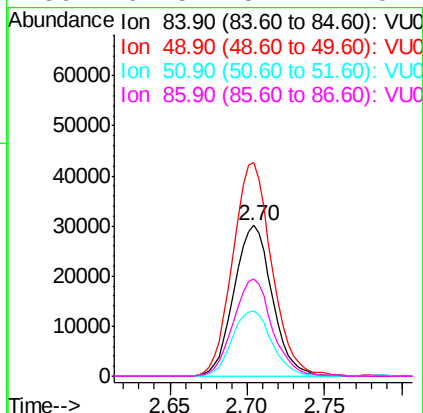
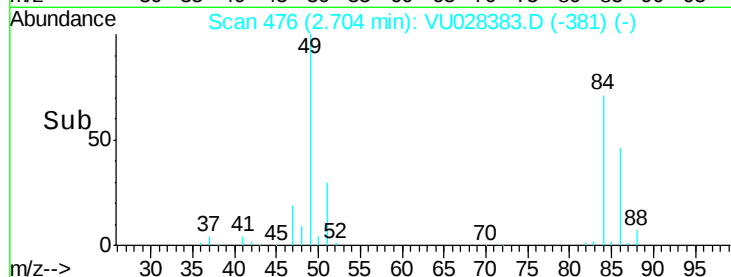
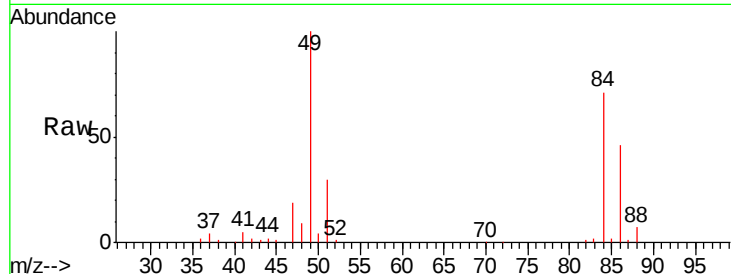




#20
Methylene Chloride
Concen: 14.156 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028383.D
Acq: 29 Nov 2018 11:08

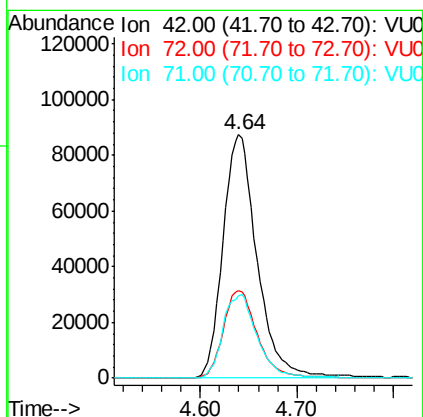
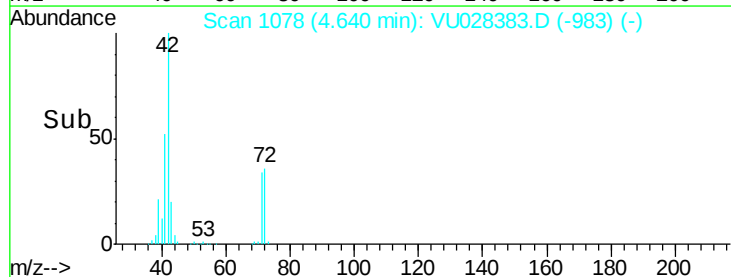
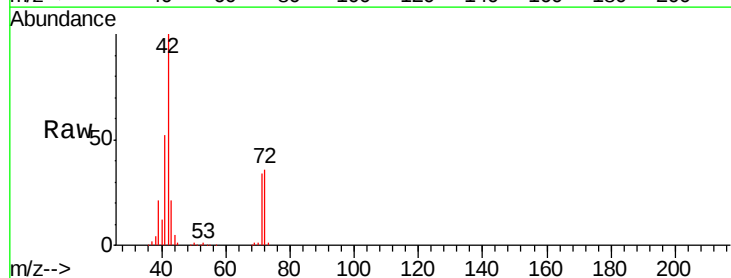
Instrument :
MSVOA_U
ClientSampleId :
S32-EB-2018-3

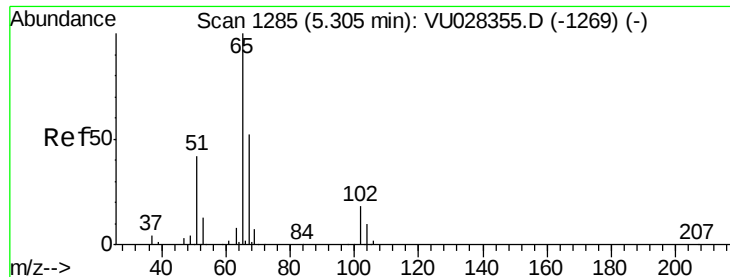
Tgt Ion:	84	Resp:	51695
Ion	Ratio	Lower	Upper
84	100		
49	141.7	120.0	180.0
51	43.0	36.9	55.3
86	64.5	51.1	76.7



#29
Tetrahydrofuran
Concen: 88.974 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VU028383.D
Acq: 29 Nov 2018 11:08

Tgt Ion:	42	Resp:	213556
Ion	Ratio	Lower	Upper
42	100		
72	35.9	29.5	44.3
71	34.7	27.7	41.5

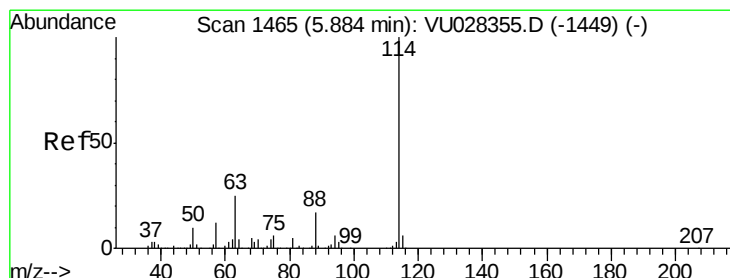
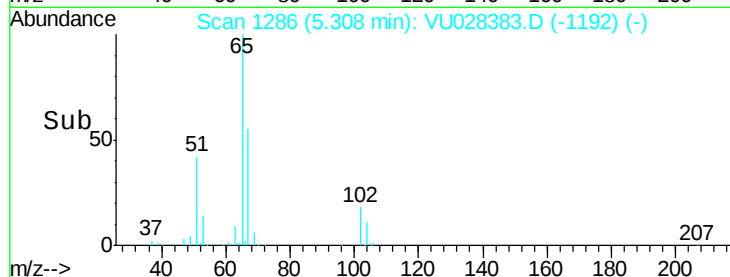
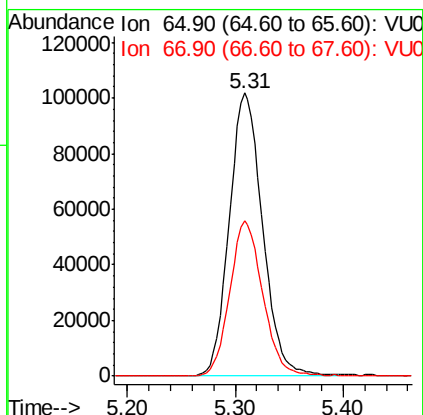
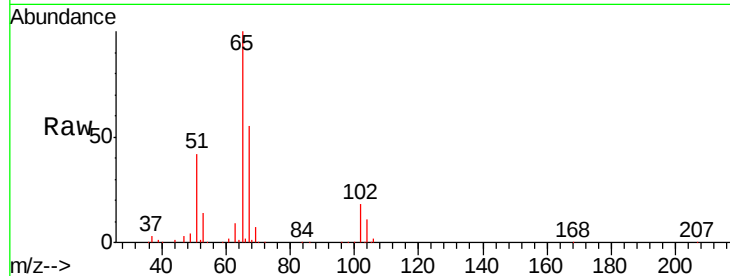




#33
 1,2-Dichloroethane-d4
 Concen: 51.983 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028383.D
 Acq: 29 Nov 2018 11:08

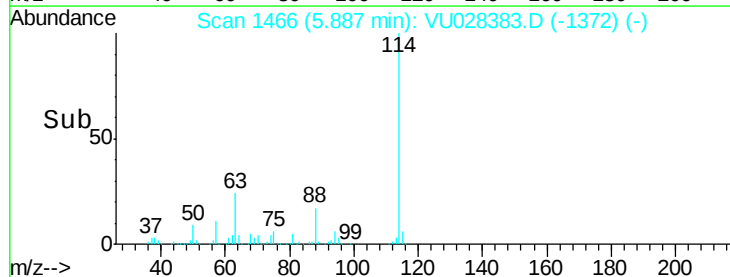
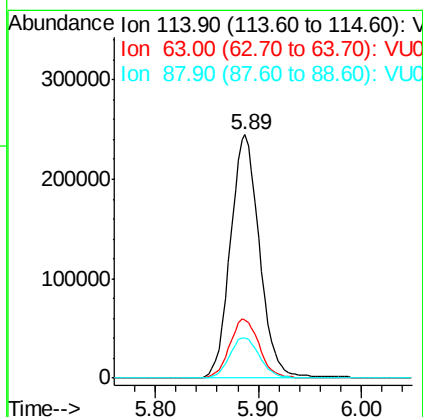
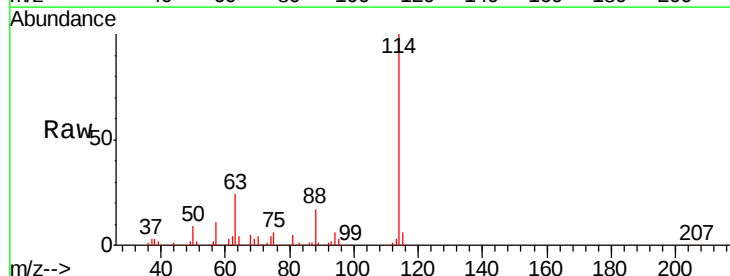
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-EB-2018-3

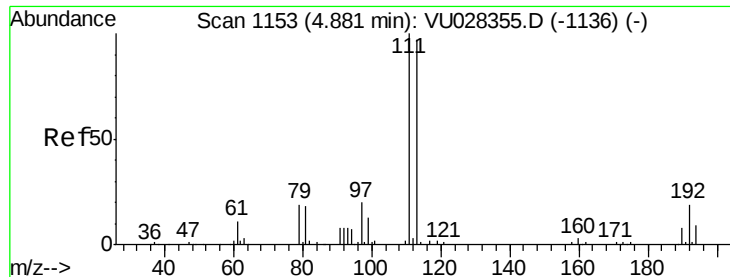
Tgt Ion: 65 Resp: 219200
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028383.D
 Acq: 29 Nov 2018 11:08

Tgt Ion: 114 Resp: 481139
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.0
 88 16.5 0.0 34.4

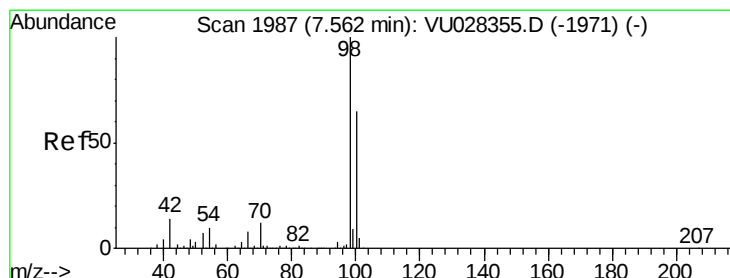
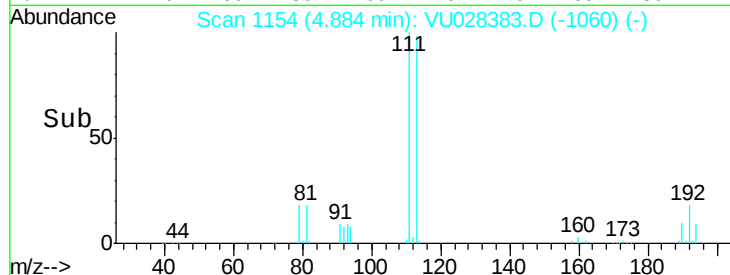
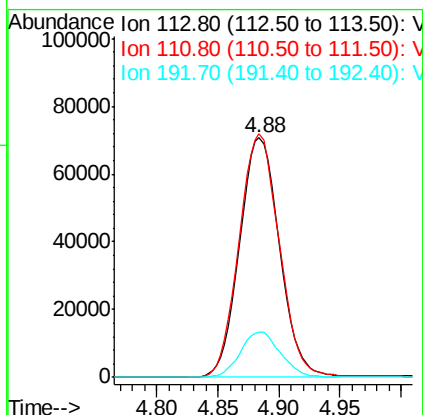
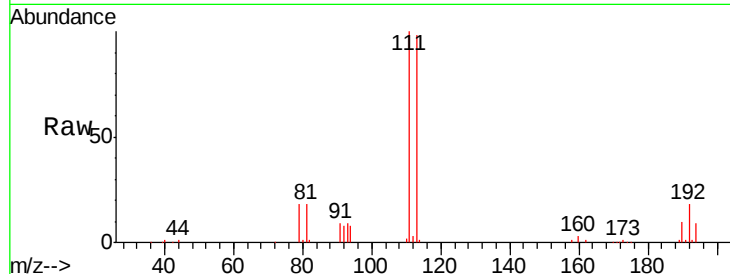




#35
 Dibromofluoromethane
 Concen: 50.103 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028383.D
 Acq: 29 Nov 2018 11:08

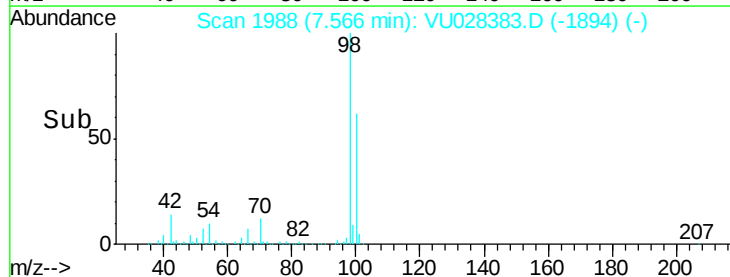
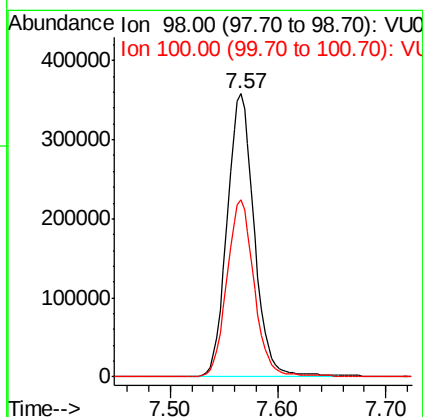
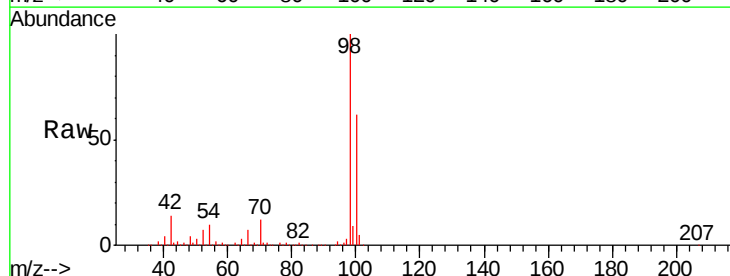
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-EB-2018-3

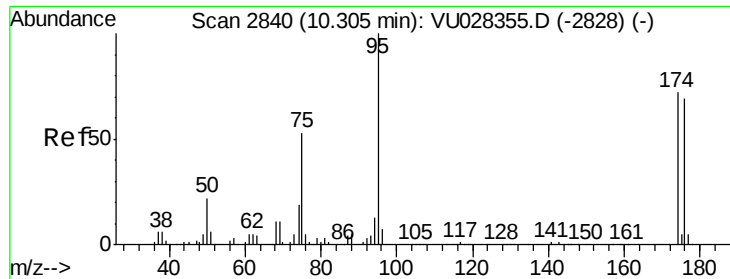
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	19.1	15.4	23.0



#50
 Toluene-d8
 Concen: 49.088 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VU028383.D
 Acq: 29 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.8	76.2





#62

4-Bromofluorobenzene

Concen: 47.884 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028383.D

Acq: 29 Nov 2018 11:08

Instrument :

MSVOA_U

ClientSampleId :

S32-EB-2018-3

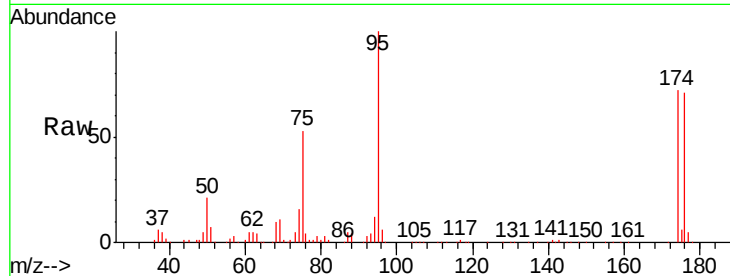
Tgt Ion: 95 Resp: 220831

Ion Ratio Lower Upper

95 100

174 72.3 0.0 145.4

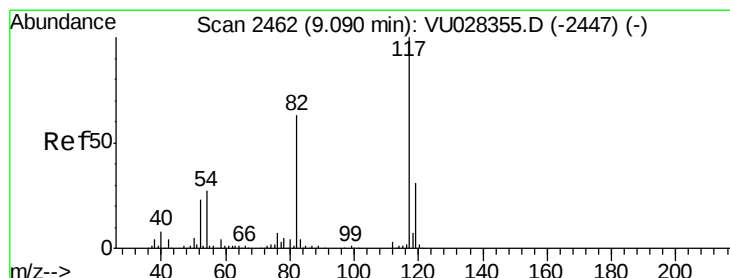
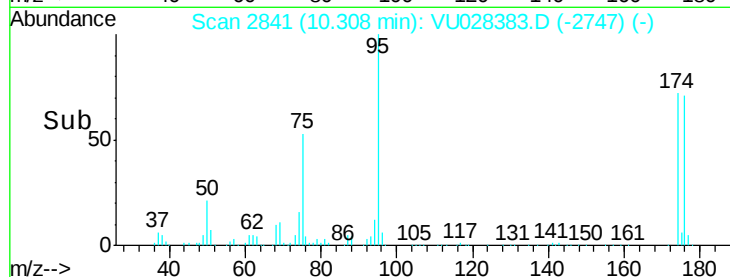
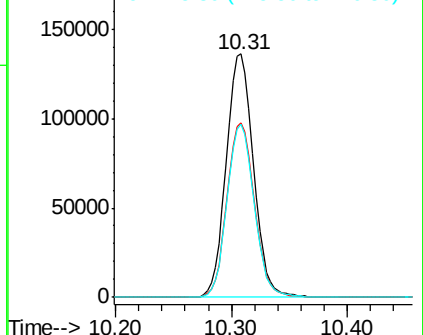
176 70.7 0.0 140.8



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: VU028383.D

Acq: 29 Nov 2018 11:08

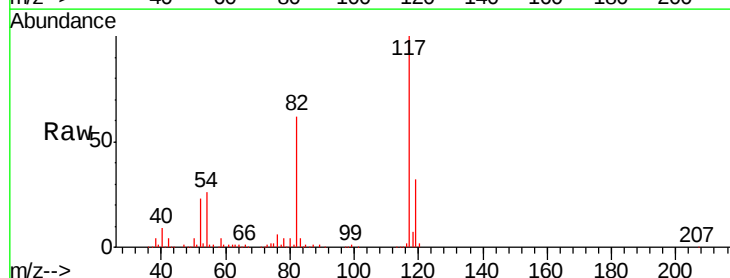
Tgt Ion: 117 Resp: 438238

Ion Ratio Lower Upper

117 100

82 62.3 50.3 75.5

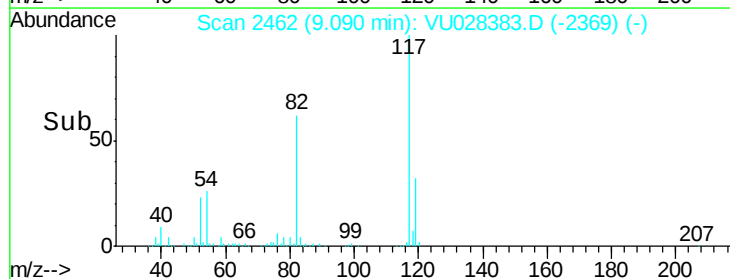
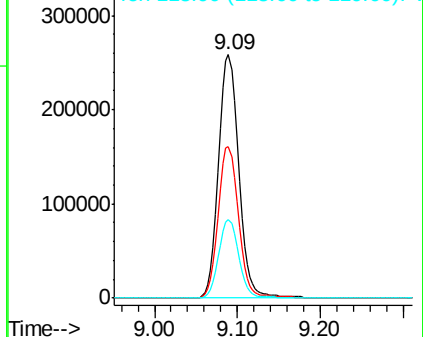
119 32.0 24.8 37.2

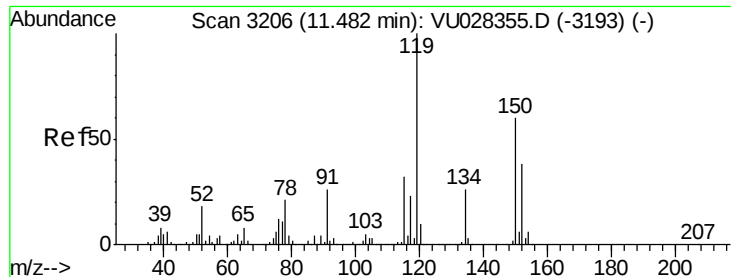


Abundance Ion 116.90 (116.60 to 117.60): VU0

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: VU028383.D

Acq: 29 Nov 2018 11:08

Instrument :

MSVOA_U

ClientSampleId :

S32-EB-2018-3

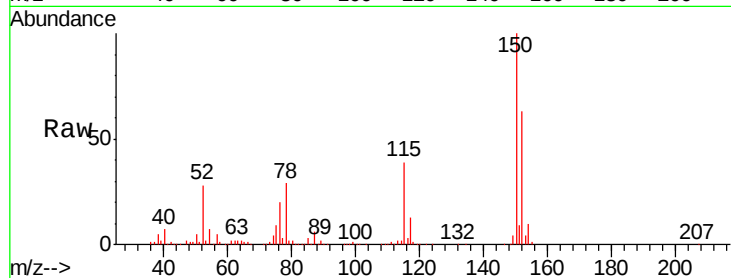
Tgt Ion:152 Resp: 193153

Ion Ratio Lower Upper

152 100

115 61.7 45.0 134.8

150 156.1 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

