

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112818\
 Data File : VU028362.D
 Acq On : 28 Nov 2018 13:42
 Operator : MD/SY
 Sample : J6081-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 29 06:32:50 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

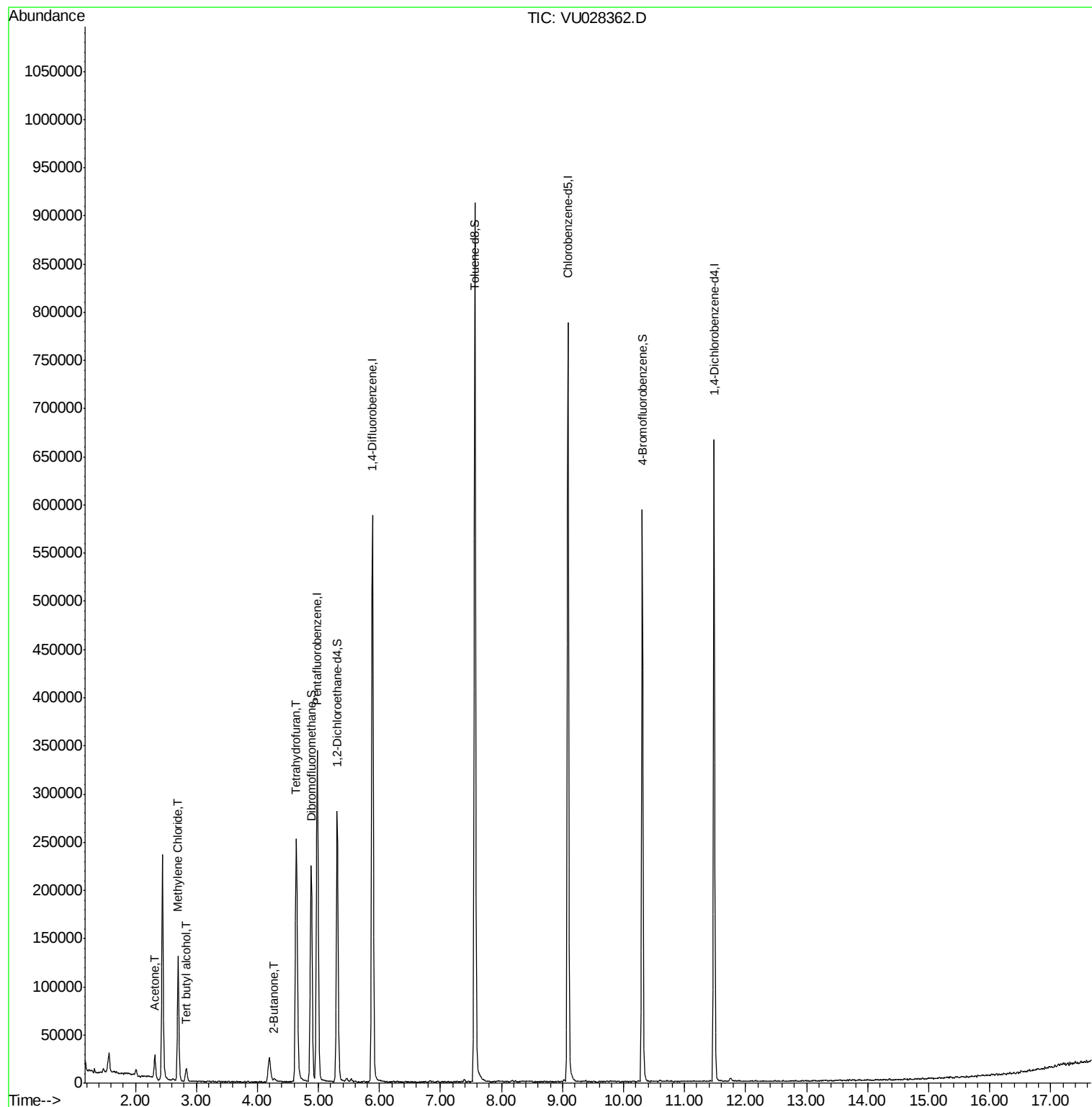
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	249654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	464000	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	411593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	154671	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	215713	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
35) Dibromofluoromethane	4.88	113	153753	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
50) Toluene-d8	7.56	98	597493	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	10.30	95	199313	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.84	59	10028	10.579	ug/l #	82
16) Acetone	2.32	43	28439	11.142	ug/l	99
20) Methylene Chloride	2.70	84	52049	14.405	ug/l	98
25) 2-Butanone	4.28	43	5034	1.376	ug/l #	86
29) Tetrahydrofuran	4.64	42	208376	87.739	ug/l	98

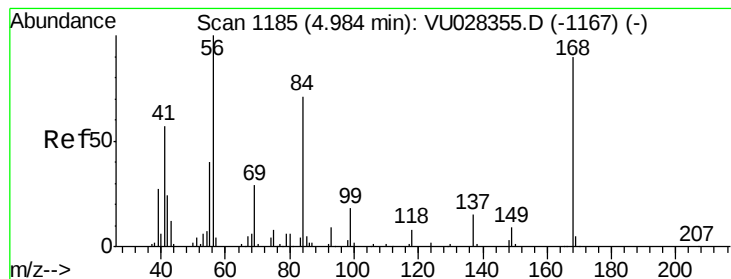
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU028362.D

Acq: 28 Nov 2018 13:42

Instrument :

MSVOA_U

ClientSampleId :

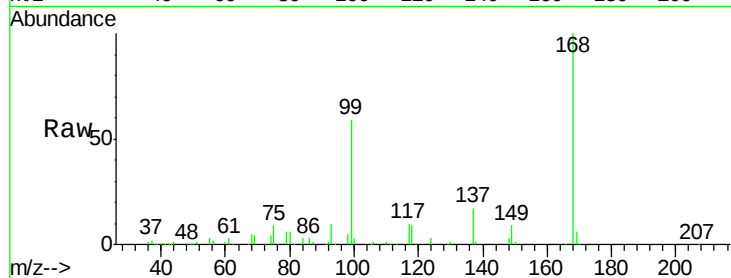
S32-EB-2018-3

Tot Ion:168 Resp: 249654

Ion Ratio Lower Upper

168 100

99 58.5 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

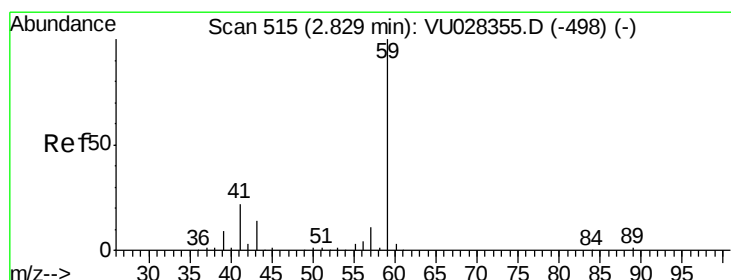
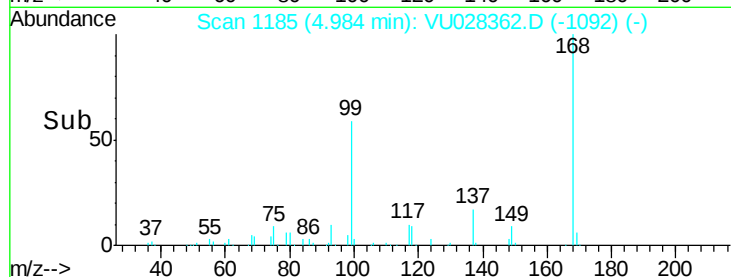
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 10.579 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU028362.D

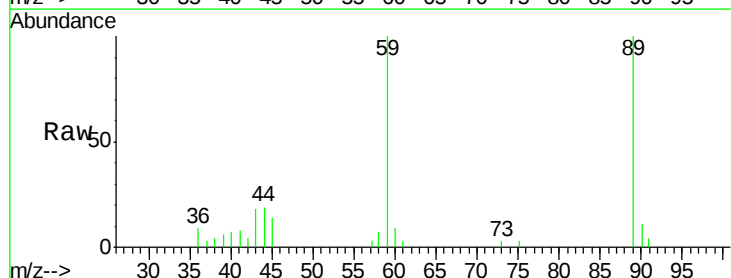
Acq: 28 Nov 2018 13:42

Tgt Ion: 59 Resp: 10028

Ion Ratio Lower Upper

59 100

57 3.7 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) (-)

2.84

5000

4000

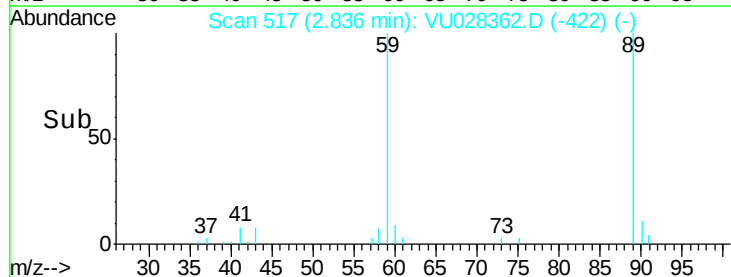
3000

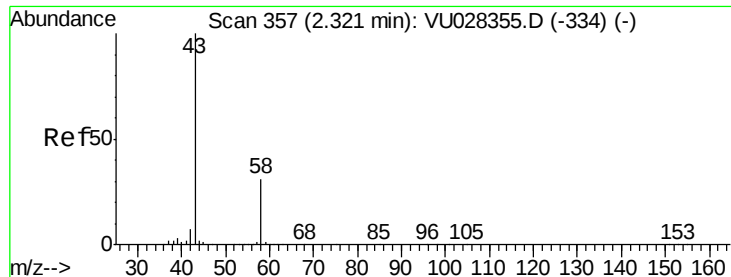
2000

1000

0

Time-->





#16

Acetone

Concen: 11.142 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028362.D

Acq: 28 Nov 2018 13:42

Instrument :

MSVOA_U

ClientSampleId :

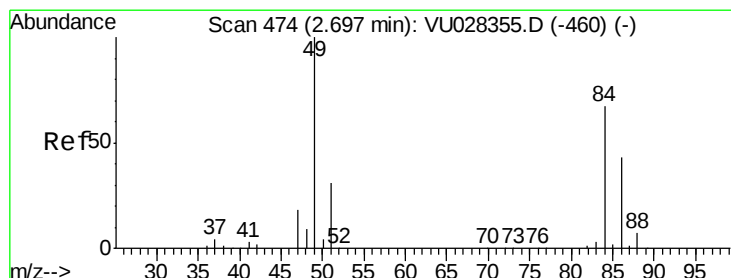
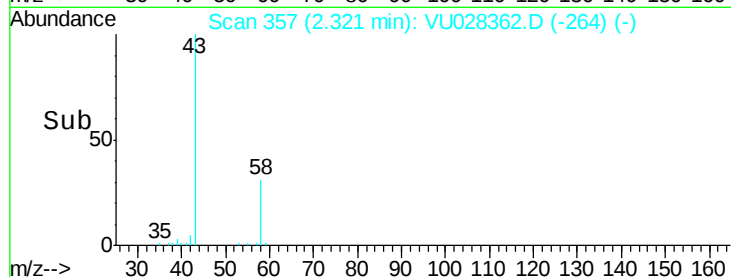
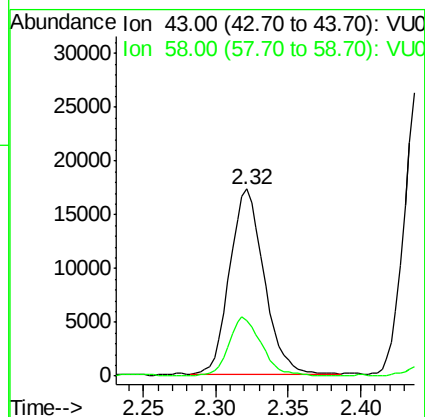
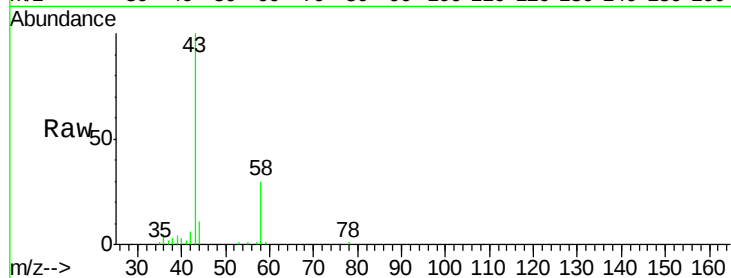
S32-EB-2018-3

Tot Ion: 43 Resp: 28439

Ion Ratio Lower Upper

43 100

58 30.1 24.4 36.6



#20

Methylene Chloride

Concen: 14.405 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU028362.D

Acq: 28 Nov 2018 13:42

Tgt Ion: 84 Resp: 52049

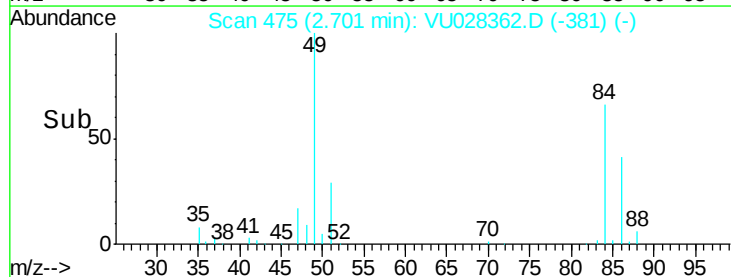
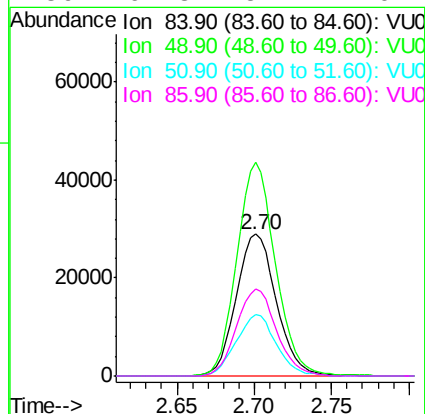
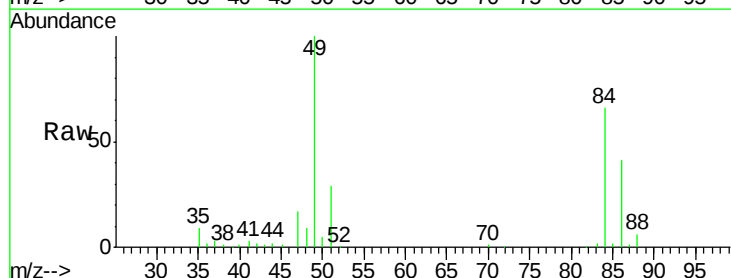
Ion Ratio Lower Upper

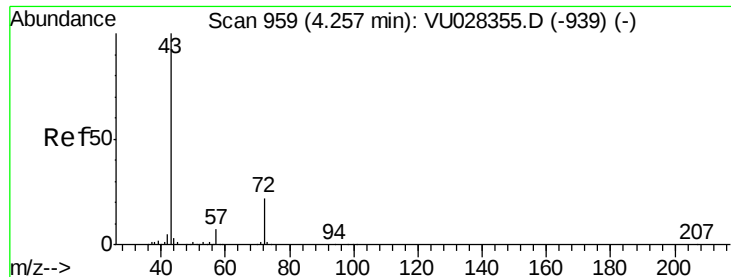
84 100

49 150.9 120.0 180.0

51 43.2 36.9 55.3

86 61.3 51.1 76.7

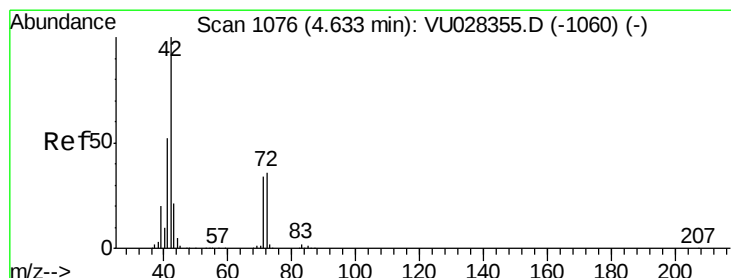
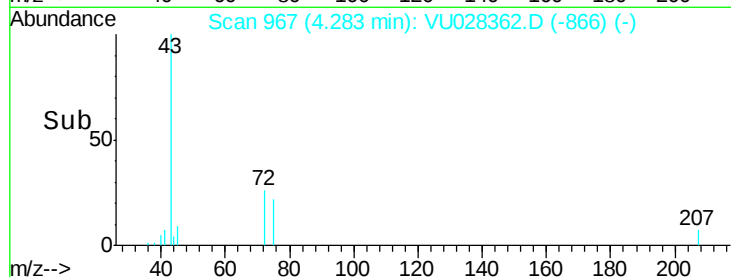
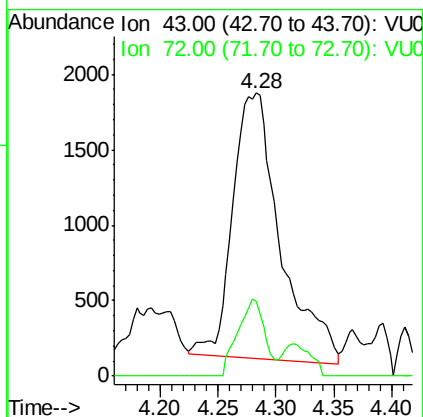
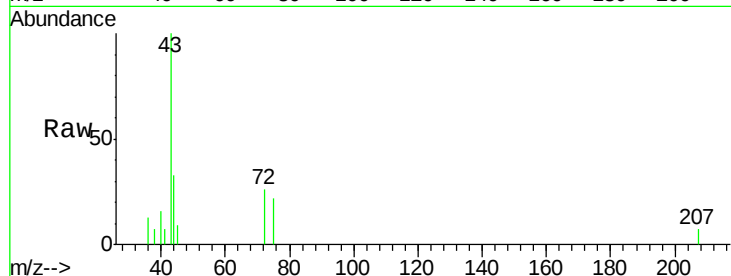




#25
2-Butanone
Concen: 1.376 ug/l
RT: 4.28 min Scan# 967
Delta R.T. 0.03 min
Lab File: VU028362.D
Acq: 28 Nov 2018 13:42

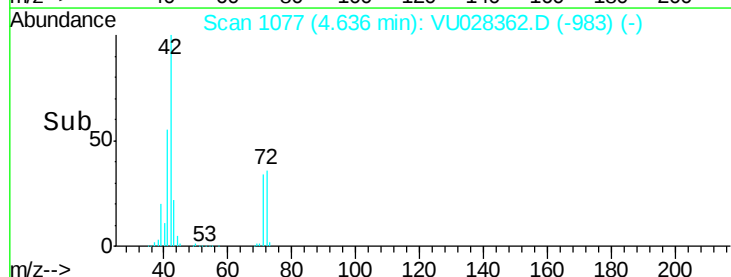
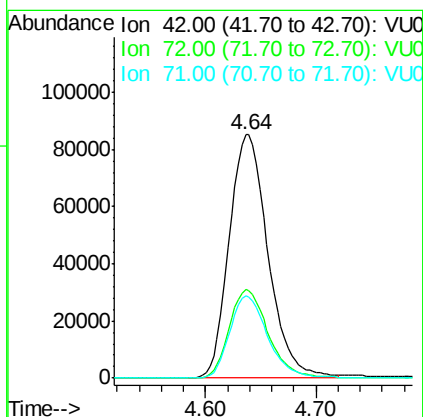
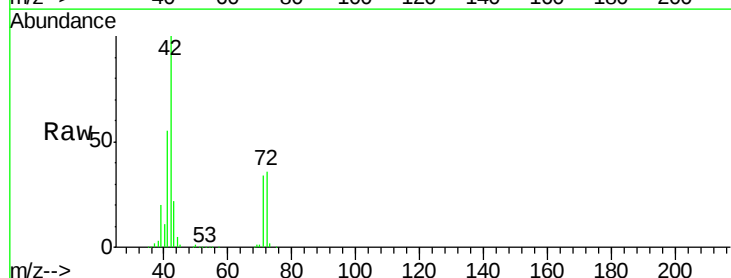
Instrument :
MSVOA_U
ClientSampleId :
S32-EB-2018-3

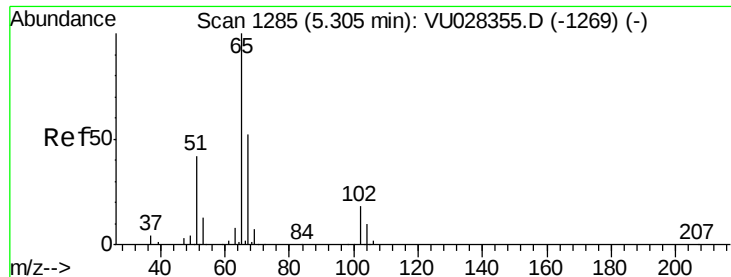
Tot Ion: 43 Resp: 5034
Ion Ratio Lower Upper
43 100
72 28.7 17.7 26.5#



#29
Tetrahydrofuran
Concen: 87.739 ug/l
RT: 4.64 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU028362.D
Acq: 28 Nov 2018 13:42

Tgt Ion: 42 Resp: 208376
Ion Ratio Lower Upper
42 100
72 36.6 29.5 44.3
71 33.1 27.7 41.5





#33

1,2-Dichloroethane-d4

Concen: 51.701 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028362.D

Acq: 28 Nov 2018 13:42

Instrument :

MSVOA_U

ClientSampleId :

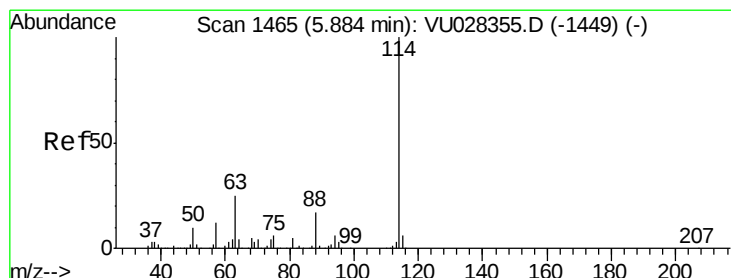
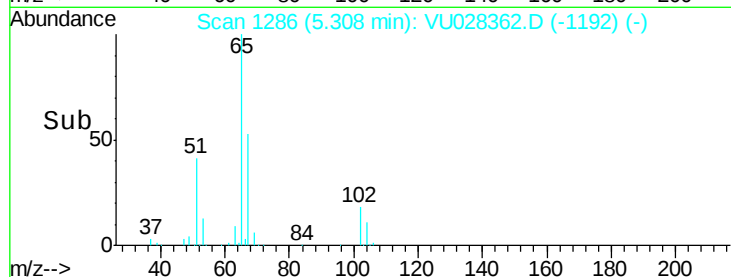
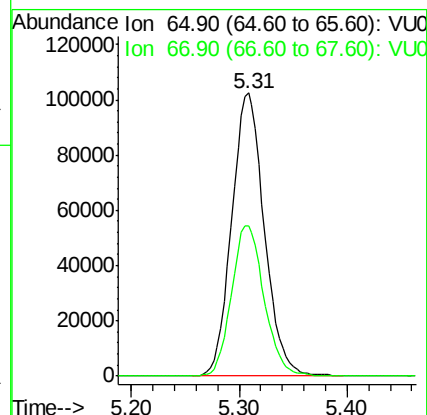
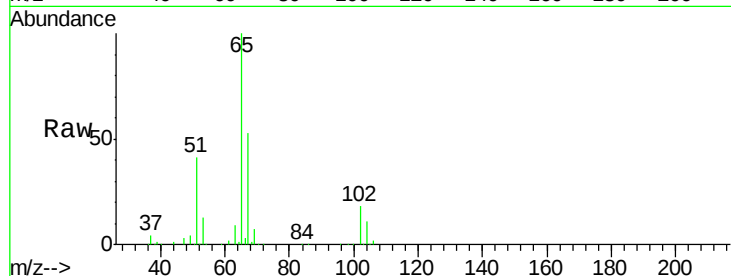
S32-EB-2018-3

Tot Ion: 65 Resp: 215713

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028362.D

Acq: 28 Nov 2018 13:42

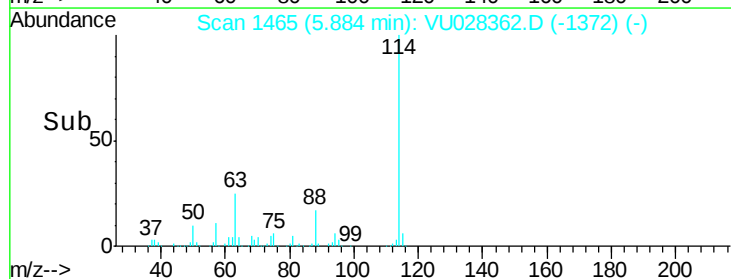
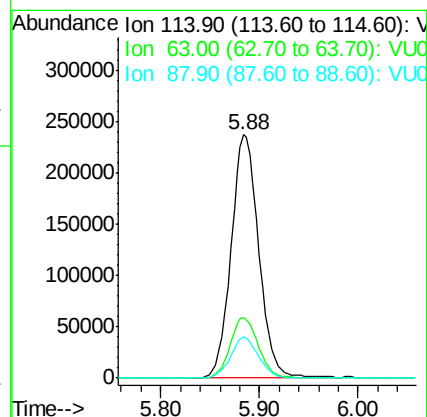
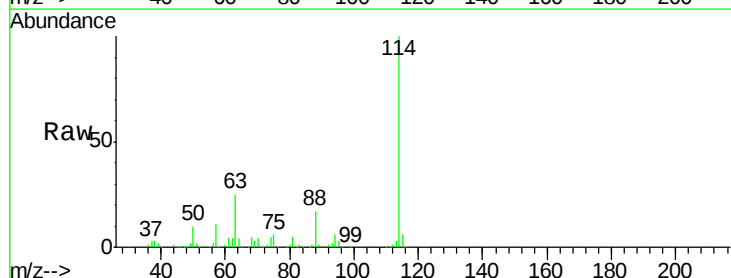
Tgt Ion: 114 Resp: 464000

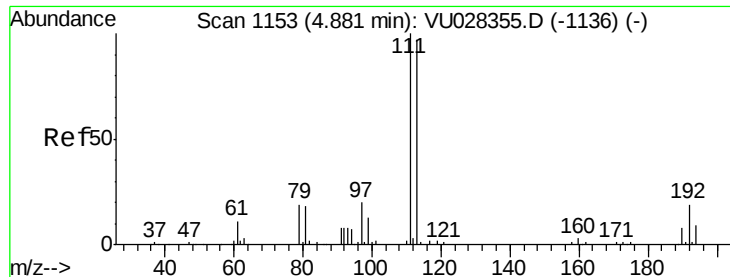
Ion Ratio Lower Upper

114 100

63 24.7 0.0 50.0

88 16.9 0.0 34.4

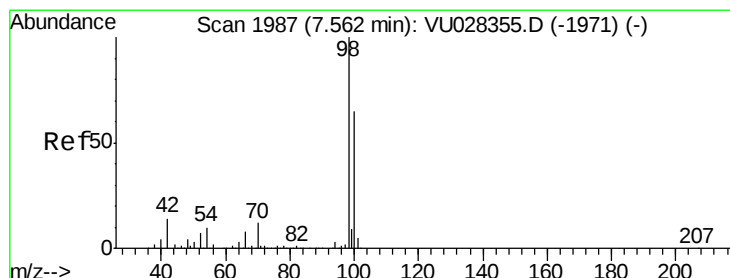
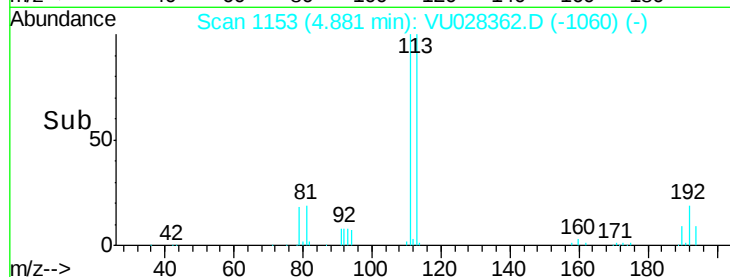
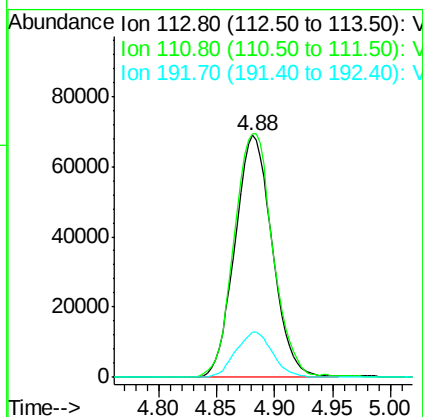
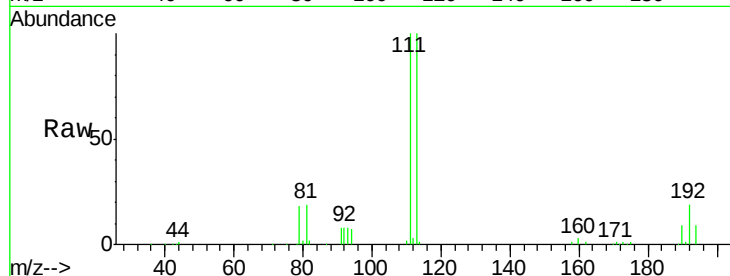




#35
 Dibromofluoromethane
 Concen: 49.832 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU028362.D
 Acq: 28 Nov 2018 13:42

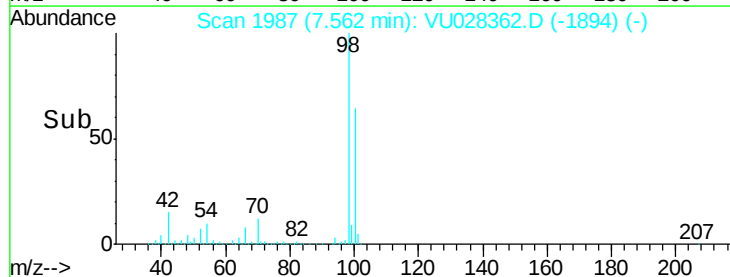
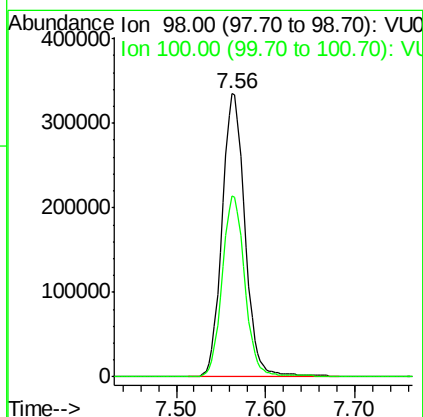
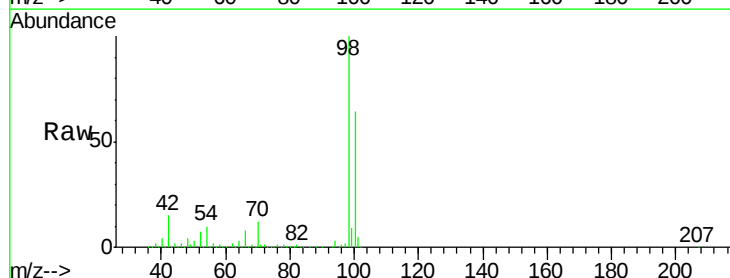
Instrument :
 MSVOA_U
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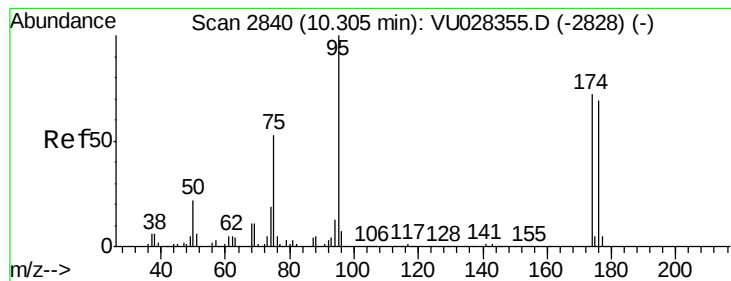
Tot Ion:113 Resp: 153753
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.9 124.3
 192 18.5 15.4 23.0



#50
 Toluene-d8
 Concen: 48.421 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VU028362.D
 Acq: 28 Nov 2018 13:42

Tgt Ion: 98 Resp: 597493
 Ion Ratio Lower Upper
 98 100
 100 62.6 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 44.815 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028362.D

Acq: 28 Nov 2018 13:42

Instrument :

MSVOA_U

ClientSampleId :

S32-EB-2018-3

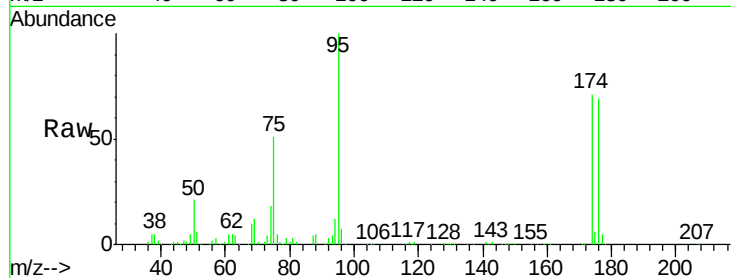
Tot Ion: 95 Resp: 199313

Ion Ratio Lower Upper

95 100

174 72.1 0.0 145.4

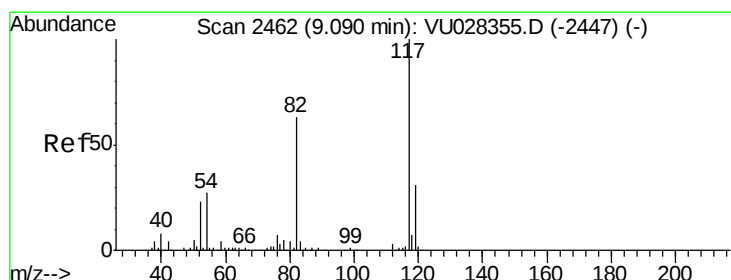
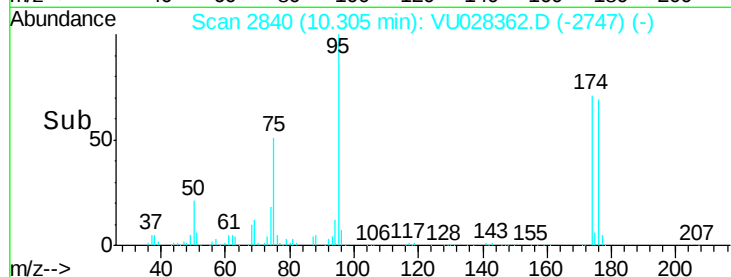
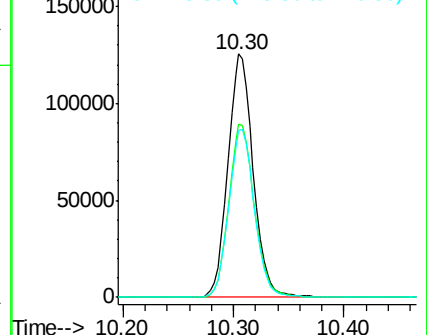
176 70.0 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028362.D

Acq: 28 Nov 2018 13:42

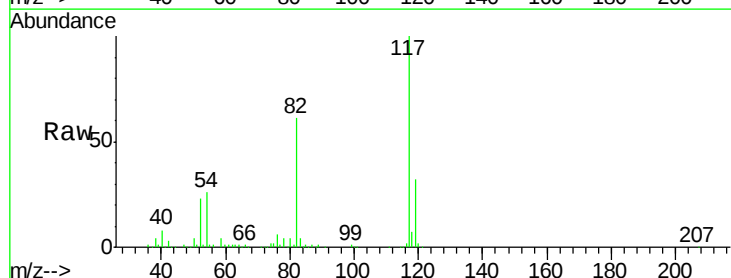
Tgt Ion: 117 Resp: 411593

Ion Ratio Lower Upper

117 100

82 60.7 50.3 75.5

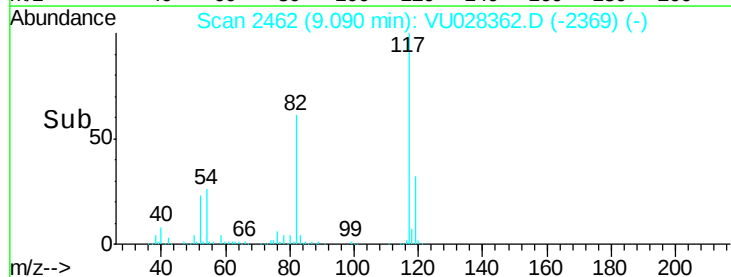
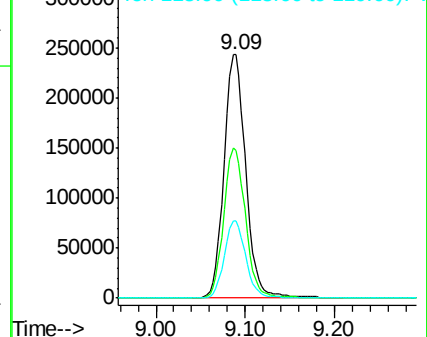
119 31.7 24.8 37.2

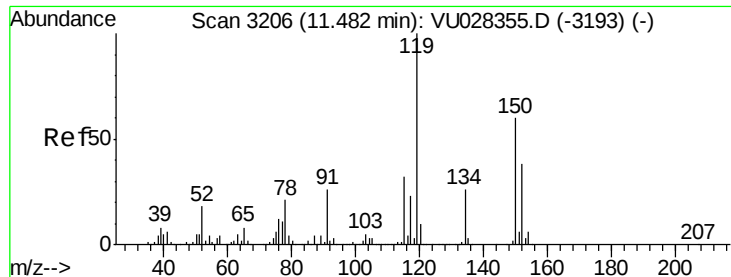


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU028362.D

Acq: 28 Nov 2018 13:42

Instrument :

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ClientSampleId :

S32-EB-2018-3

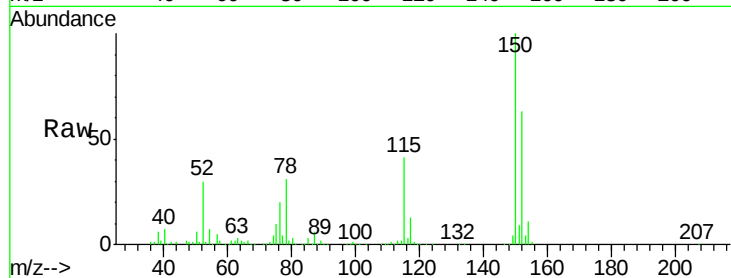
Tot Ion:152 Resp: 154671

Ion Ratio Lower Upper

152 100

115 62.4 45.0 134.8

150 159.0 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

