

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024846.D
 Acq On : 22 Jun 2018 21:03
 Operator : MD/SY
 Sample : J3517-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-ER-2018-2

Quant Time: Jun 23 04:07:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

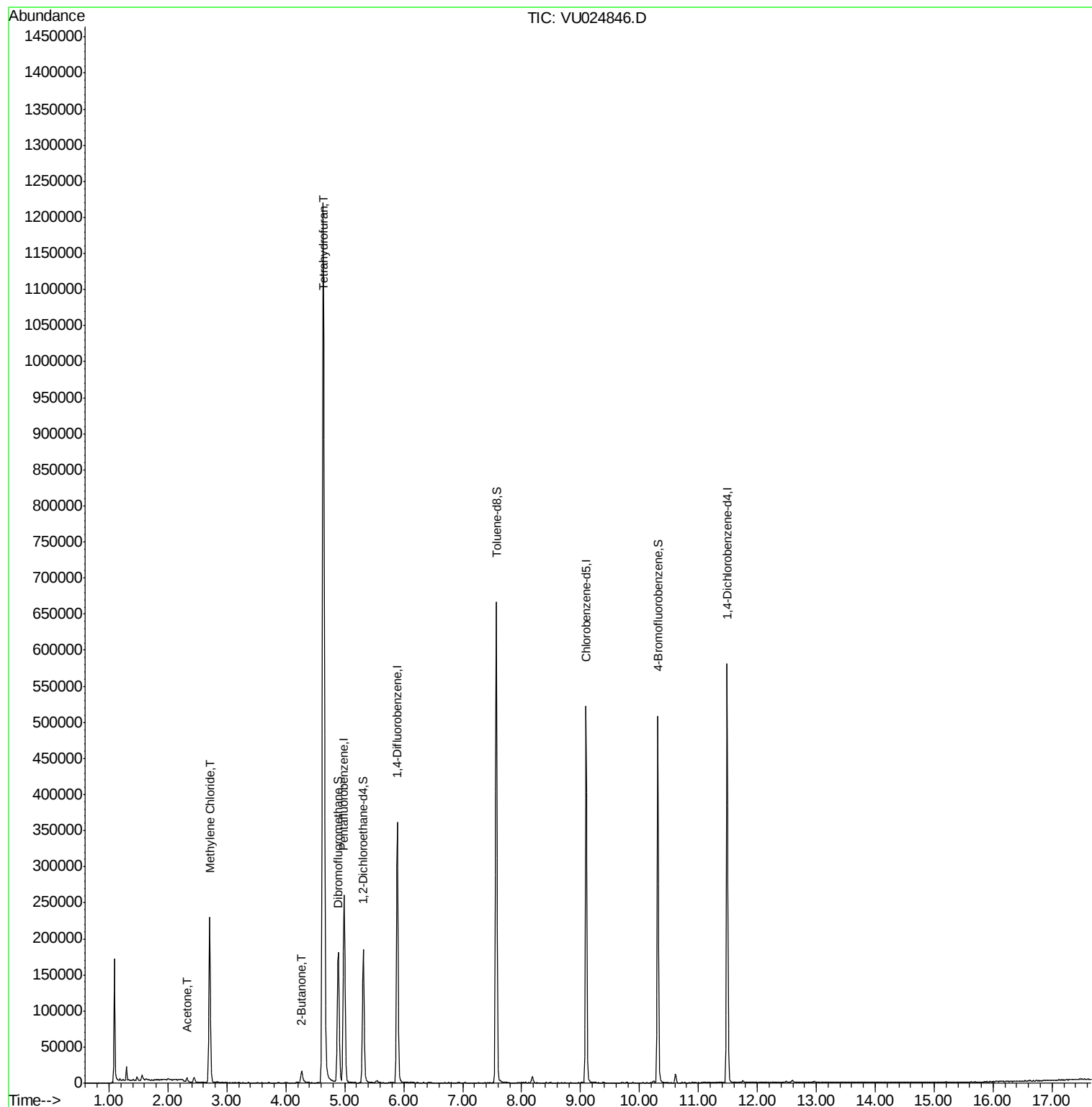
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	306709	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	146772	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
35) Dibromofluoromethane	4.89	113	118652	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
50) Toluene-d8	7.57	98	439743	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
62) 4-Bromofluorobenzene	10.31	95	162896	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
Target Compounds						
16) Acetone	2.32	43	6734	3.84	ug/l	98
20) Methylene Chloride	2.71	84	101926	37.07	ug/l	96
25) 2-Butanone	4.27	43	27241	11.57	ug/l	98
29) Tetrahydrofuran	4.63	42	905438	621.14	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024846.D

Acq: 22 Jun 2018 21:03

Instrument :

MSVOA_U

ClientSampleId :

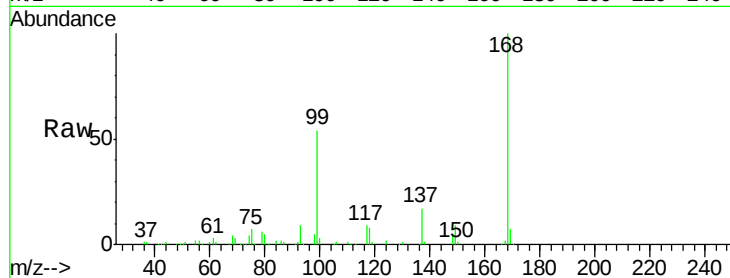
S39-ER-2018-2

Tot Ion:168 Resp: 199787

Ion Ratio Lower Upper

168 100

99 53.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024846.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024846.D (-1275) (-)

4.99

100000

80000

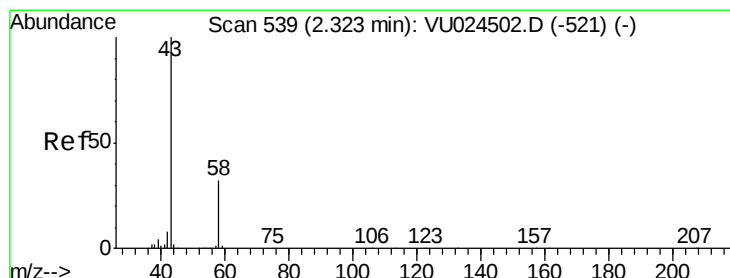
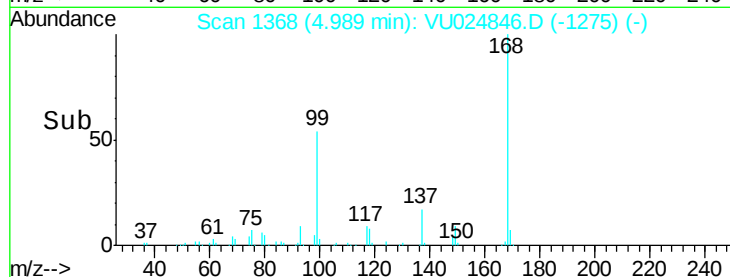
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.84 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024846.D

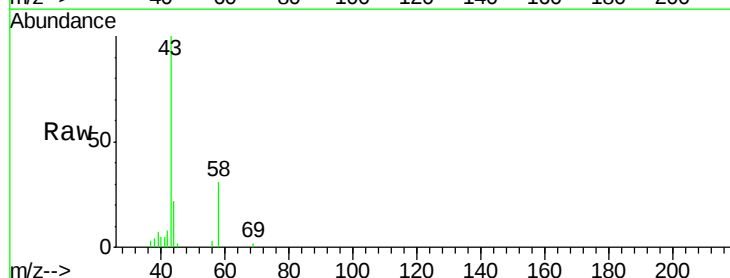
Acq: 22 Jun 2018 21:03

Tgt Ion: 43 Resp: 6734

Ion Ratio Lower Upper

43 100

58 31.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024846.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024846.D (-446) (-)

2.32

5000

4000

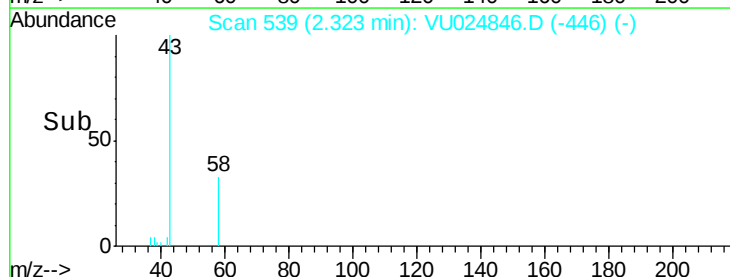
3000

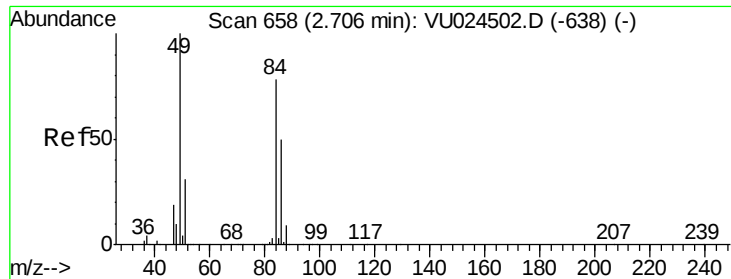
2000

1000

0

Time-->

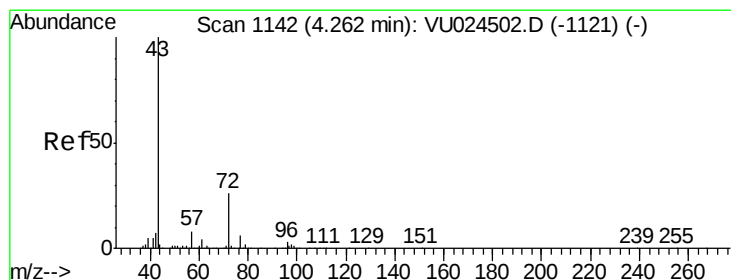
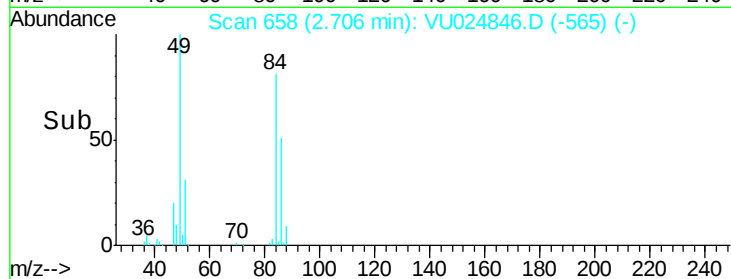
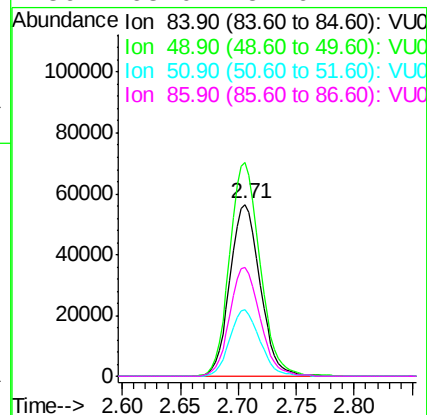
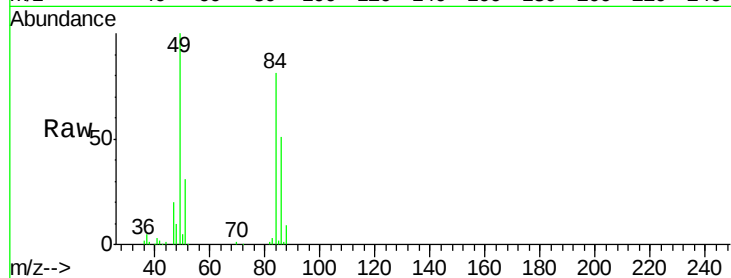




#20
Methvlene Chloride
Concen: 37.07 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU024846.D
Acq: 22 Jun 2018 21:03

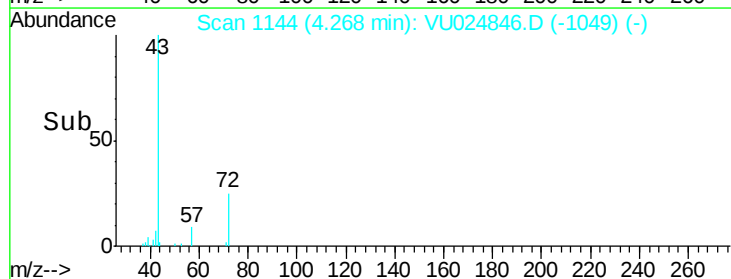
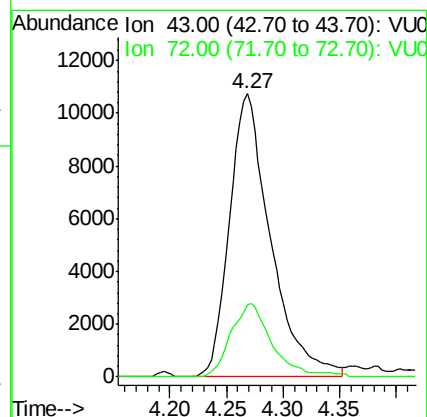
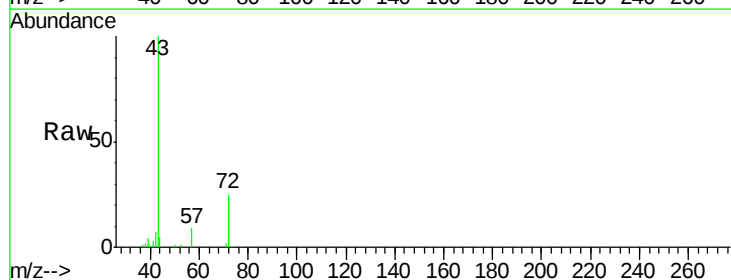
Instrument :
MSVOA_U
ClientSampleId :
S39-ER-2018-2

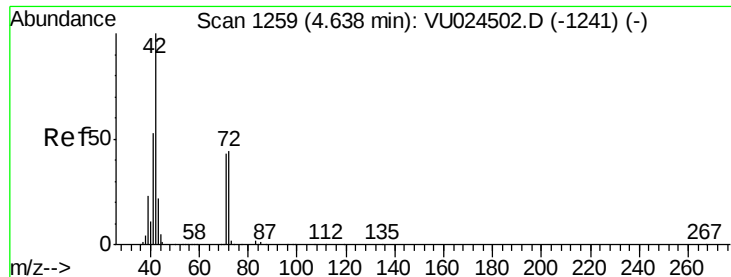
Tot Ion: 84 Resp: 101926
Ion Ratio Lower Upper
84 100
49 124.2 103.8 155.8
51 38.5 32.0 48.0
86 63.0 51.6 77.4



#25
2-Butanone
Concen: 11.57 ug/l
RT: 4.27 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VU024846.D
Acq: 22 Jun 2018 21:03

Tgt Ion: 43 Resp: 27241
Ion Ratio Lower Upper
43 100
72 25.4 19.6 29.4





#29

Tetrahydrofuran

Concen: 621.14 ug/l

RT: 4.63 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VU024846.D

Acq: 22 Jun 2018 21:03

Instrument :

MSVOA_U

ClientSampleId :

S39-ER-2018-2

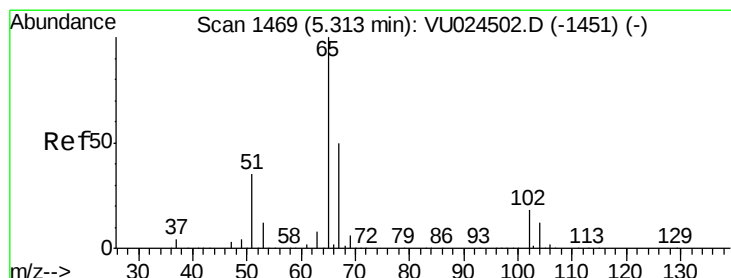
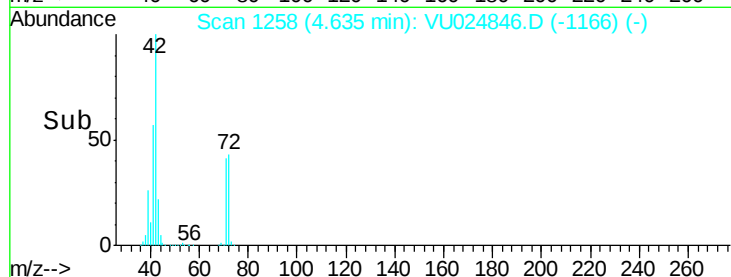
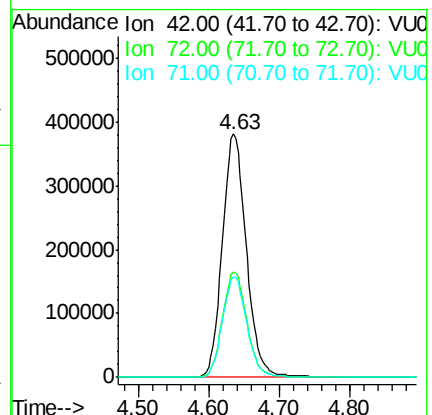
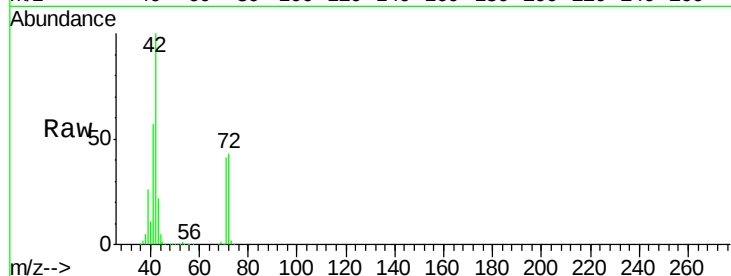
Tot Ion: 42 Resp: 905438

Ion Ratio Lower Upper

42 100

72 44.1 34.5 51.7

71 41.8 32.2 48.4



#33

1,2-Dichloroethane-d4

Concen: 45.00 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024846.D

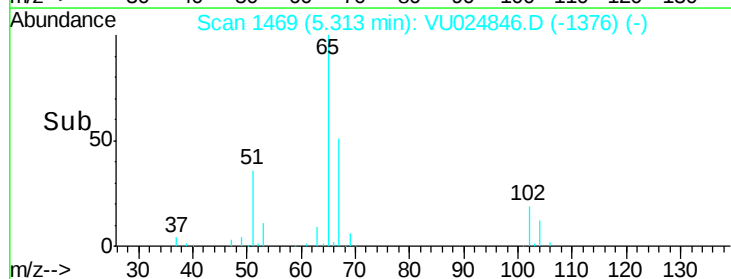
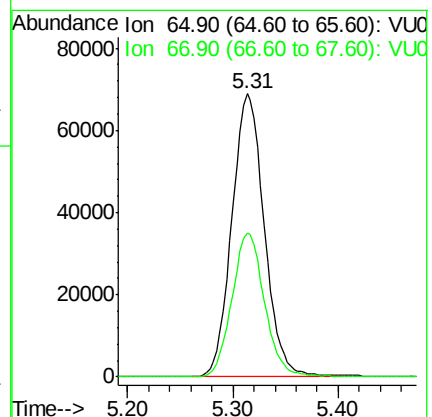
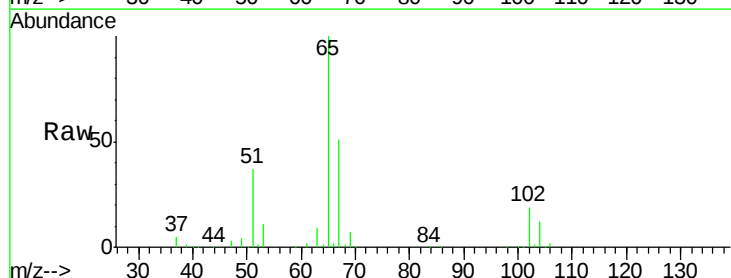
Acq: 22 Jun 2018 21:03

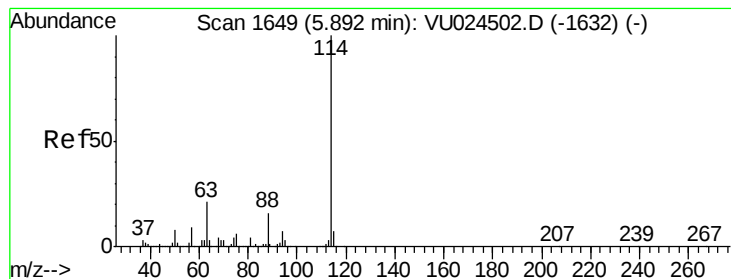
Tgt Ion: 65 Resp: 146772

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024846.D

Acq: 22 Jun 2018 21:03

Instrument :

MSVOA_U

ClientSampleId :

S39-ER-2018-2

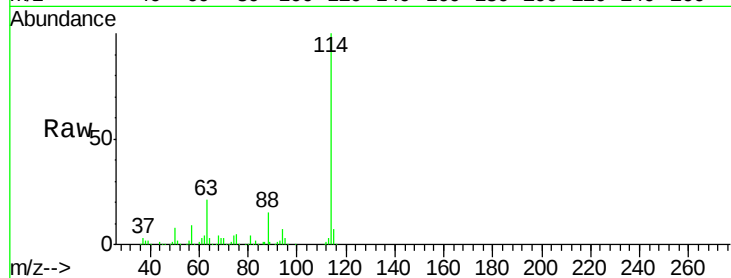
Tot Ion:114 Resp: 306709

Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.4

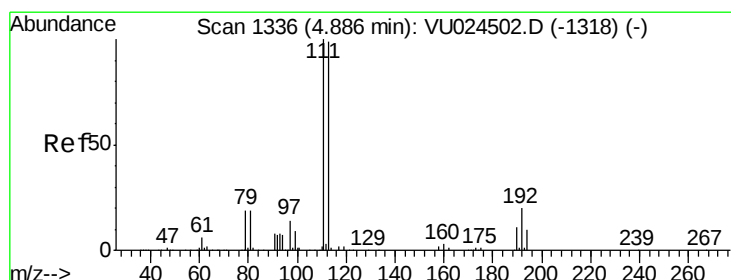
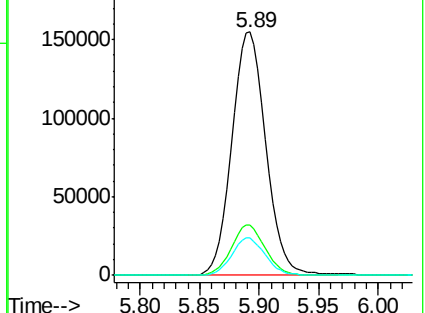
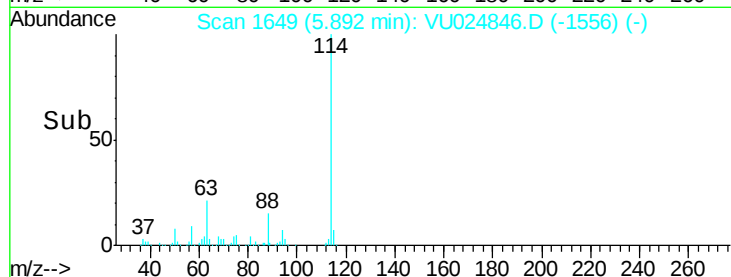
88 15.2 0.0 31.0



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: 46.61 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024846.D

Acq: 22 Jun 2018 21:03

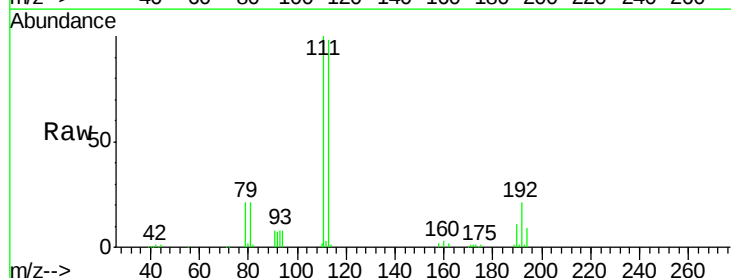
Tgt Ion:113 Resp: 118652

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

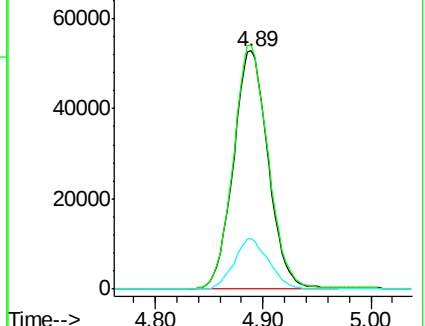
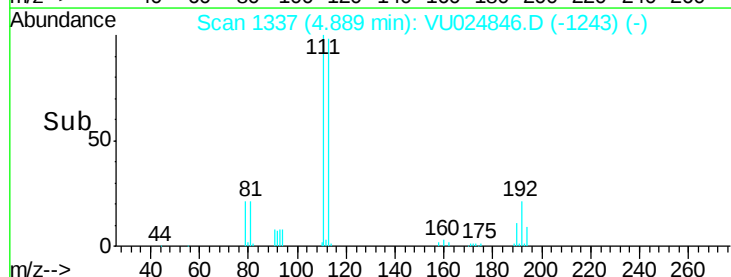
192 21.0 16.2 24.4



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

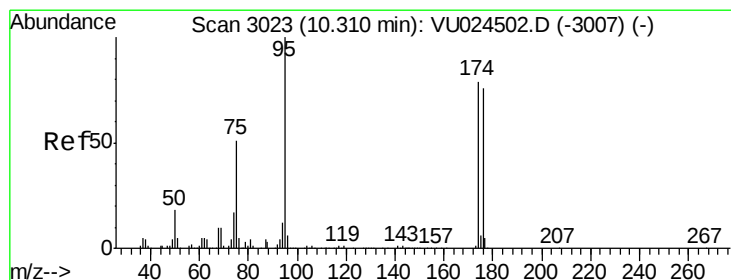
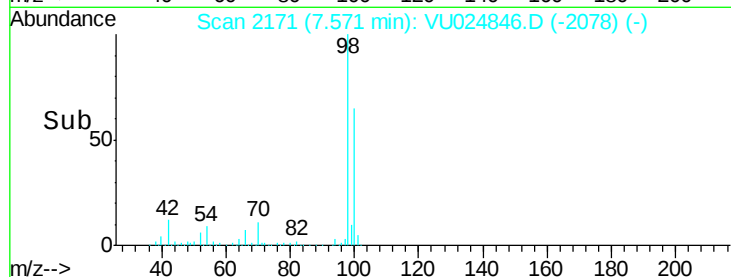
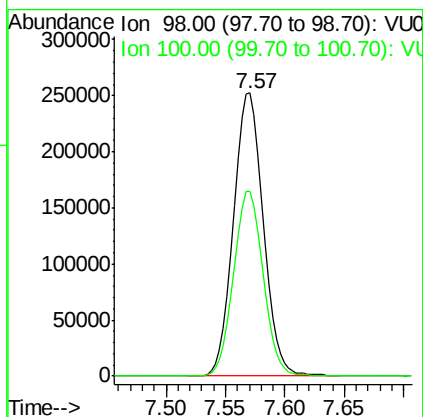
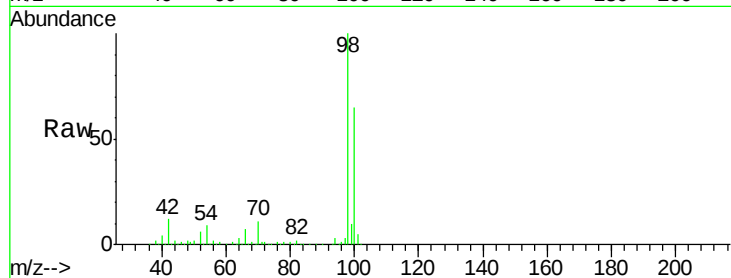




#50
Toluene-d8
Concen: 47.36 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024846.D
Acq: 22 Jun 2018 21:03

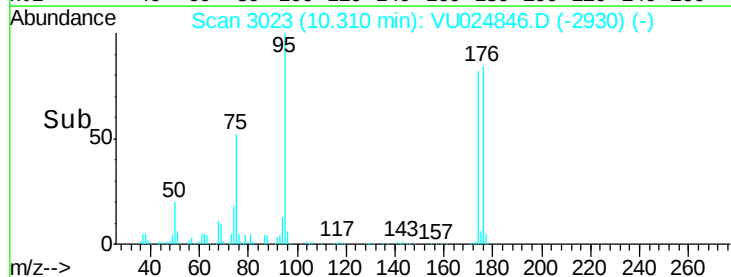
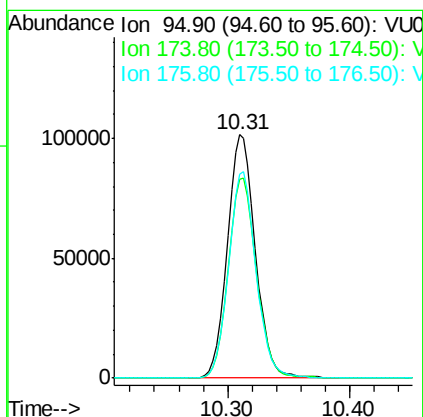
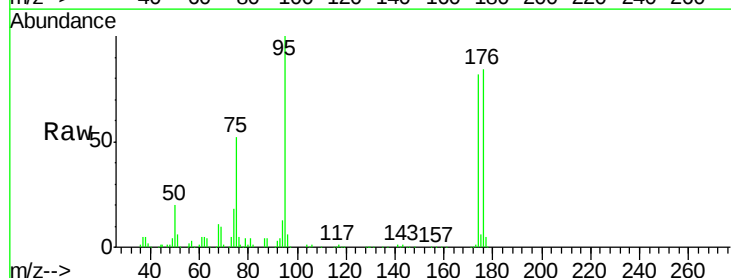
Instrument :
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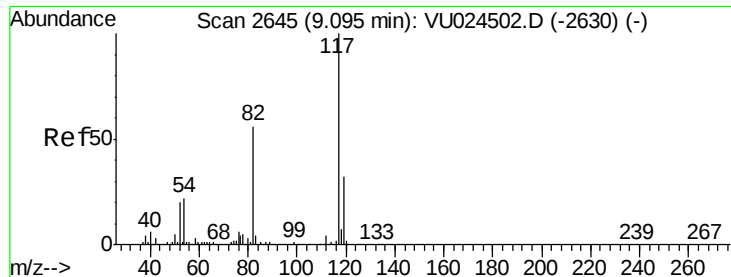
Tot Ion: 98 Resp: 439743
Ion Ratio Lower Upper
98 100
100 65.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.19 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024846.D
Acq: 22 Jun 2018 21:03

Tgt Ion: 95 Resp: 162896
Ion Ratio Lower Upper
95 100
174 83.2 0.0 165.8
176 83.2 0.0 159.4

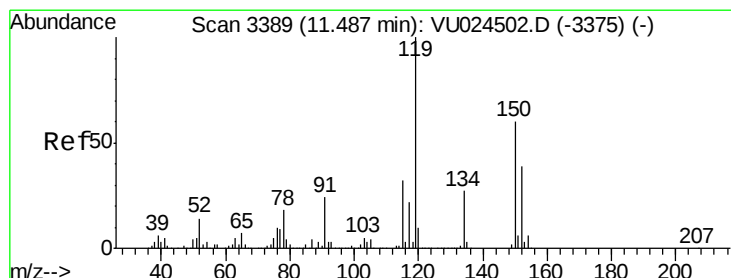
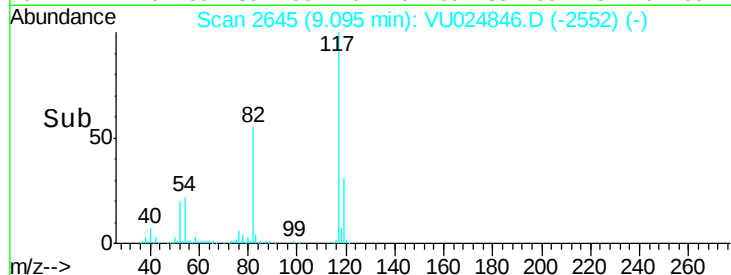
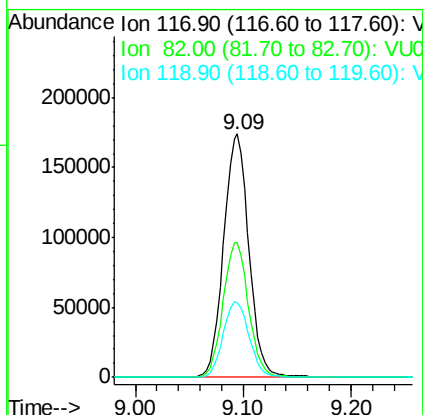
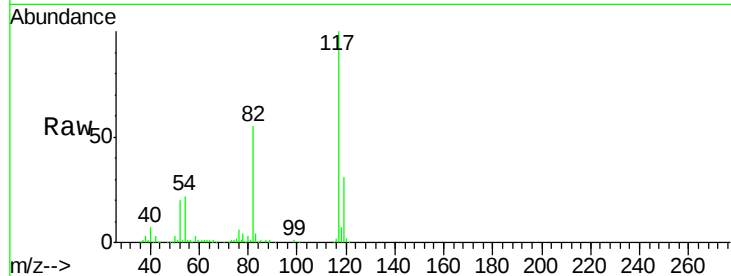




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024846.D
Acq: 22 Jun 2018 21:03

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.3	66.5
119	30.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024846.D
Acq: 22 Jun 2018 21:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	43.0	129.0
150	152.6	0.0	354.0

