

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025030.D
 Acq On : 28 Jun 2018 19:07
 Operator : MD/SY
 Sample : J3755-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PS-BASELINEWATER

Quant Time: Jun 29 11:09:37 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	221450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	332890	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	302399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167605	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	168326	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
35) Dibromofluoromethane	4.89	113	129214	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
50) Toluene-d8	7.57	98	478792	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	10.31	95	178055	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	

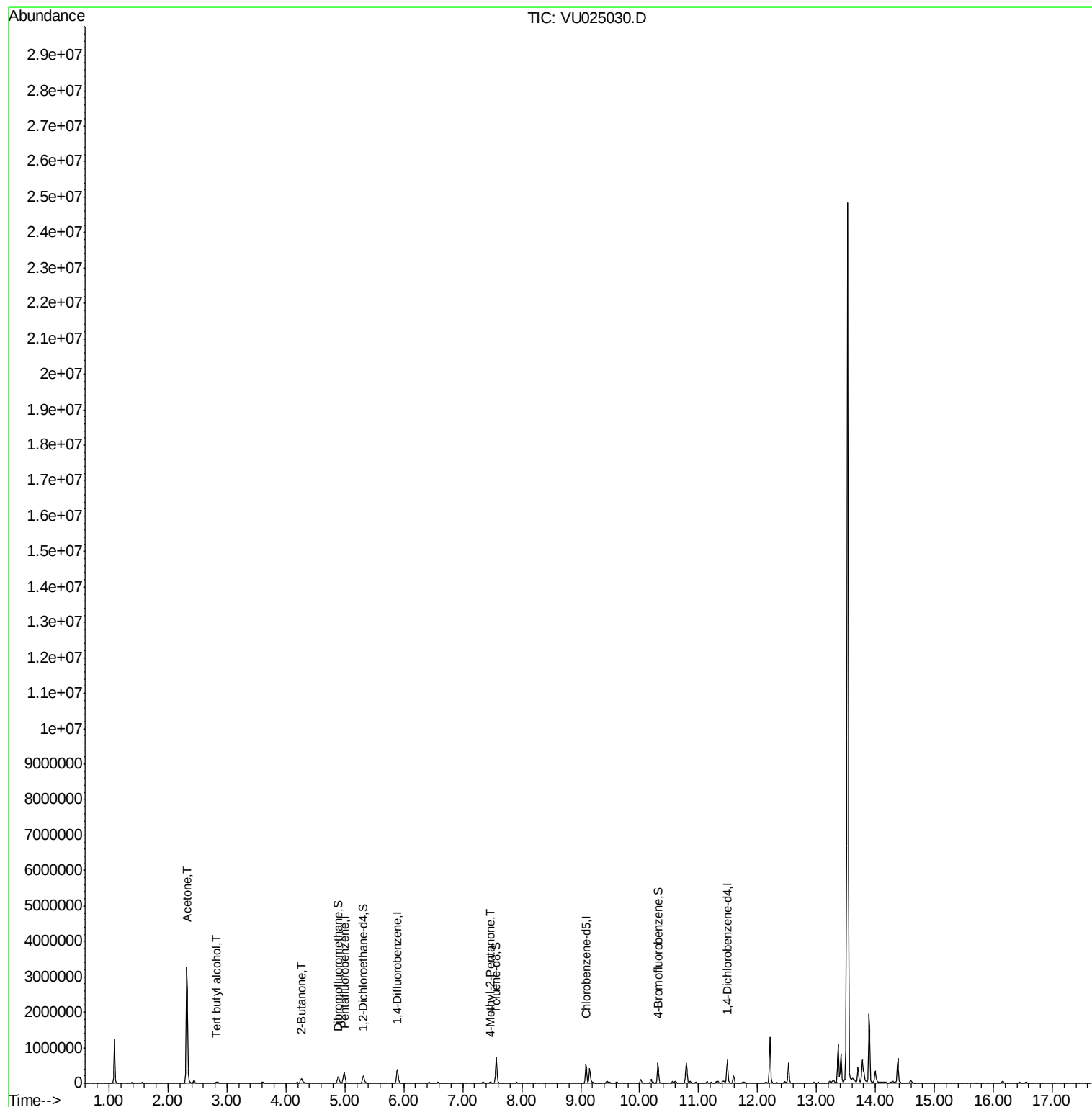
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.82	59	28279	32.16	ug/l	# 92
16) Acetone	2.32	43	3393928	1747.24	ug/l	99
25) 2-Butanone	4.26	43	196315	75.24	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	25848	5.58	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025030.D

Acq: 28 Jun 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

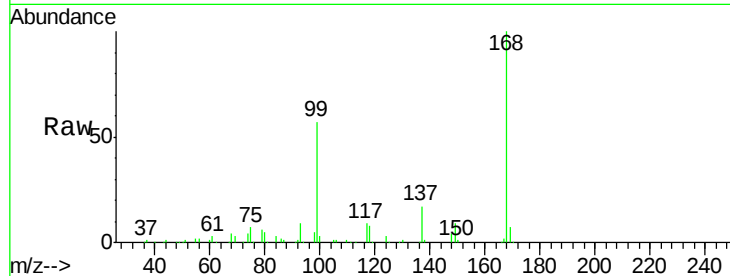
PS-BASELINEWATER

Tot Ion:168 Resp: 221450

Ion Ratio Lower Upper

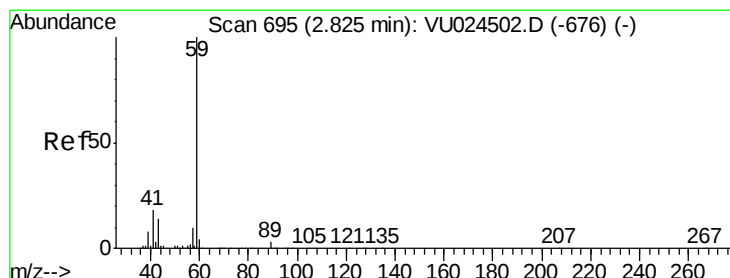
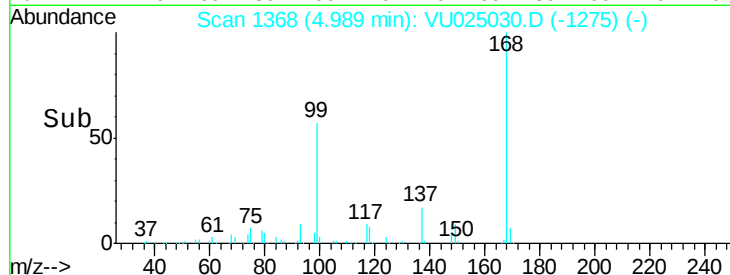
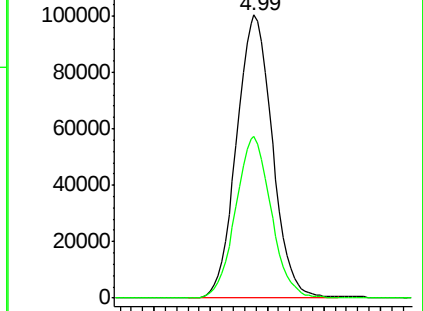
168 100

99 57.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#11

Tert butyl alcohol

Concen: 32.16 ug/l

RT: 2.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VU025030.D

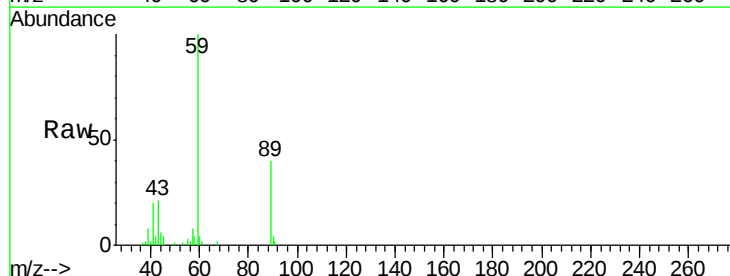
Acq: 28 Jun 2018 19:07

Tgt Ion: 59 Resp: 28279

Ion Ratio Lower Upper

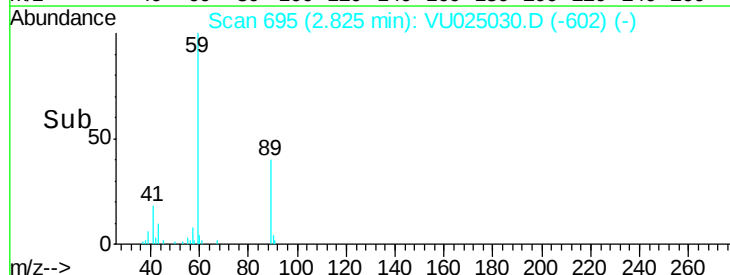
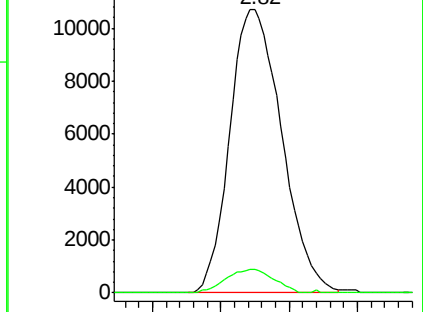
59 100

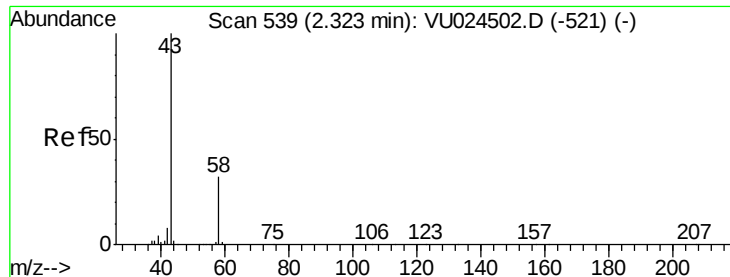
57 7.7 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU024502.D (-676) (-)

Ion 57.00 (56.70 to 57.70): VU024502.D (-676) (-)





#16

Acetone

Concen: 1747.24 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025030.D

Acq: 28 Jun 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

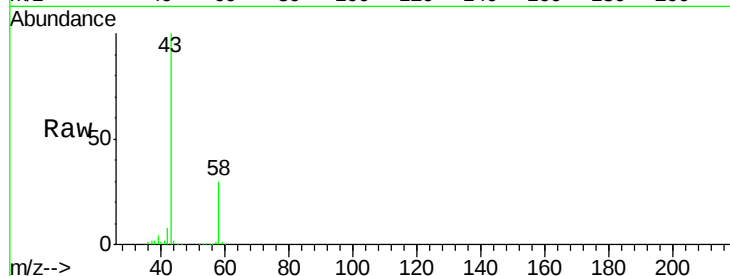
PS-BASELINEWATER

Tot Ion: 43 Resp: 3393928

Ion Ratio Lower Upper

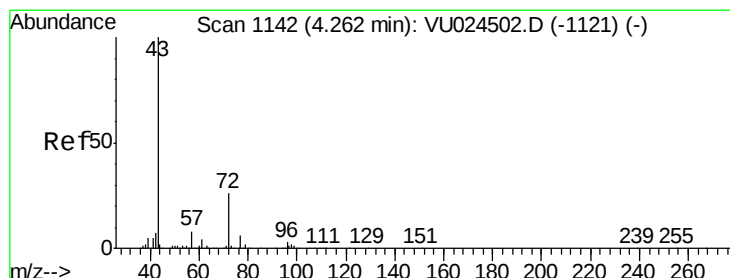
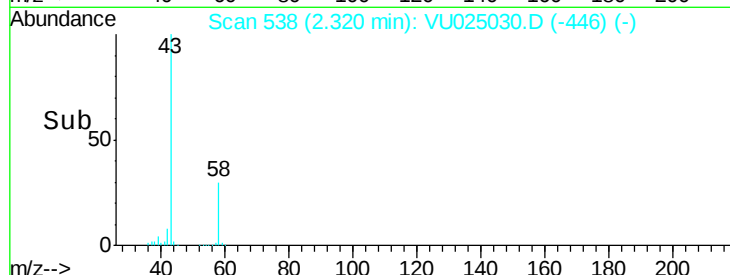
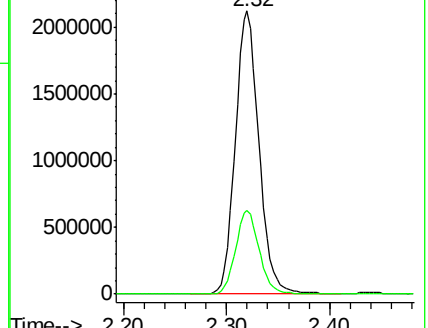
43 100

58 29.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU025030.D (-1049) (-)

Ion 58.00 (57.70 to 58.70): VU025030.D (-1049) (-)



#25

2-Butanone

Concen: 75.24 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025030.D

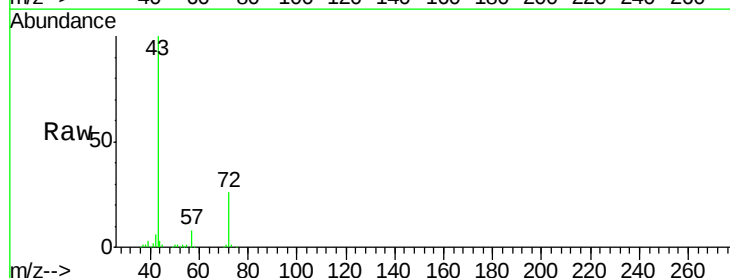
Acq: 28 Jun 2018 19:07

Tgt Ion: 43 Resp: 196315

Ion Ratio Lower Upper

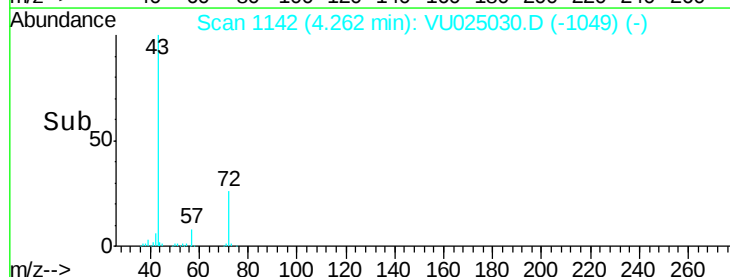
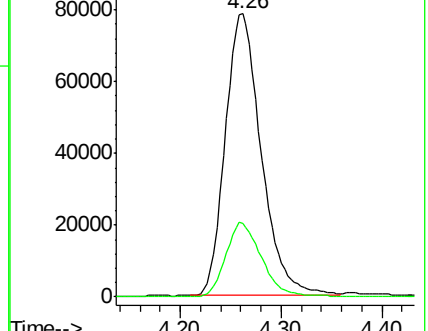
43 100

72 26.2 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VU025030.D (-1049) (-)

Ion 72.00 (71.70 to 72.70): VU025030.D (-1049) (-)





#33

1,2-Dichloroethane-d4

Concen: 46.56 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025030.D

Acq: 28 Jun 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

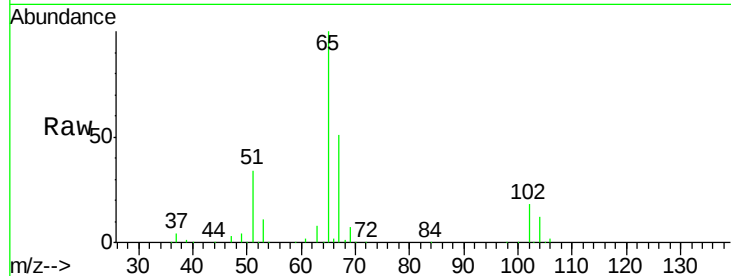
PS-BASELINEWATER

Tot Ion: 65 Resp: 168326

Ion Ratio Lower Upper

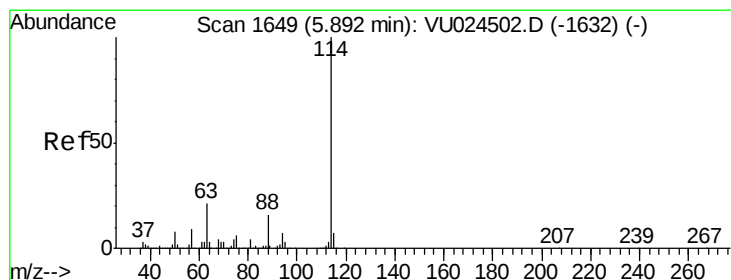
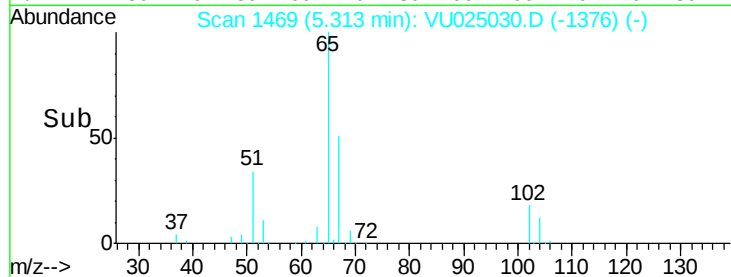
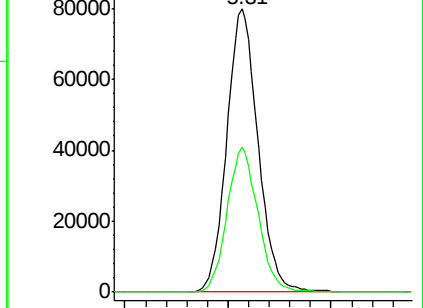
65 100

67 50.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU025030.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025030.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025030.D

Acq: 28 Jun 2018 19:07

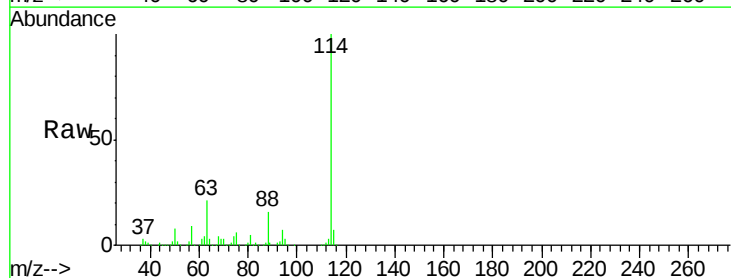
Tgt Ion: 114 Resp: 332890

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

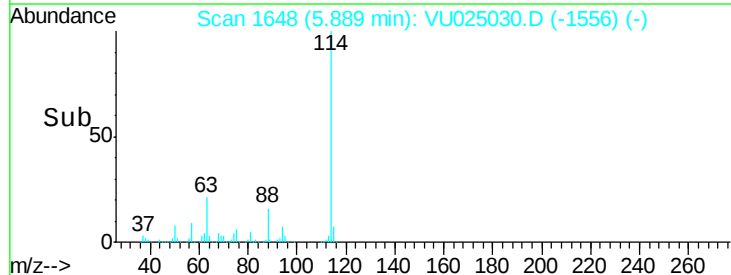
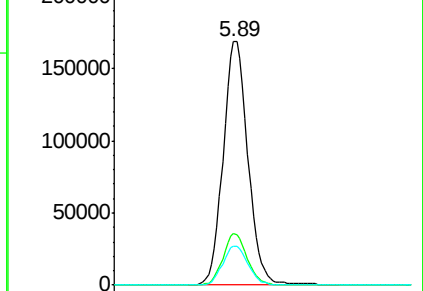
88 16.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VU025030.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU025030.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU025030.D (-1556) (-)

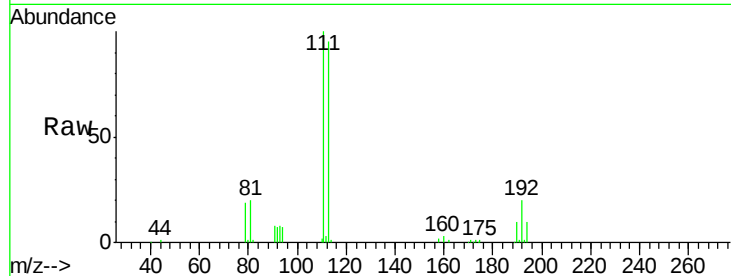




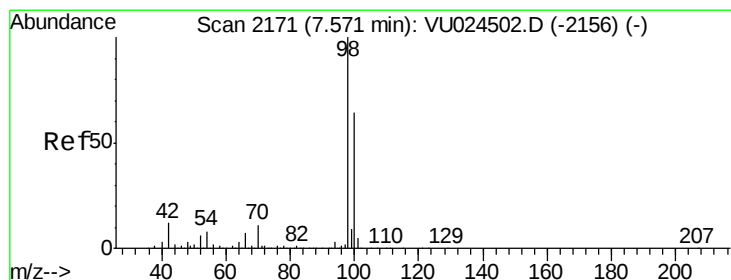
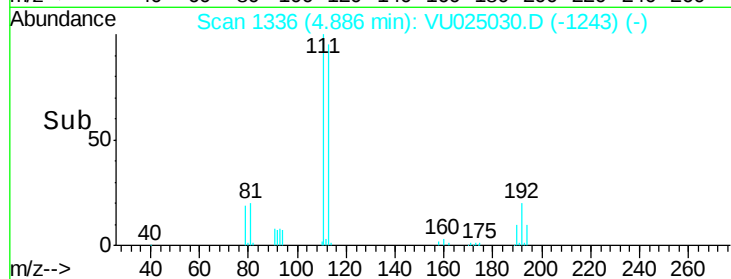
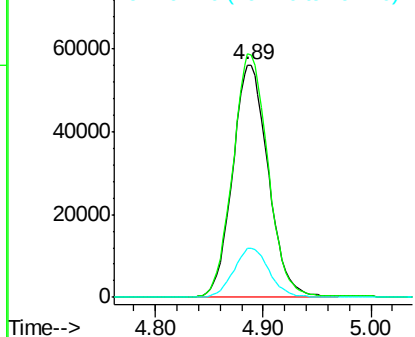
#35
 Dibromofluoromethane
 Concen: 46.77 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025030.D
 Acq: 28 Jun 2018 19:07

Instrument :
 MSVOA_U
 ClientSampleId :
 PS-BASELINEWATER

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	21.2	16.2	24.4

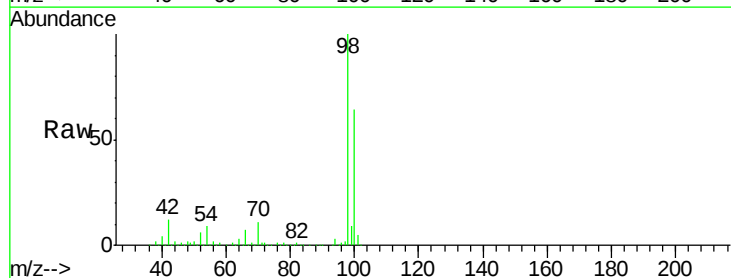


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

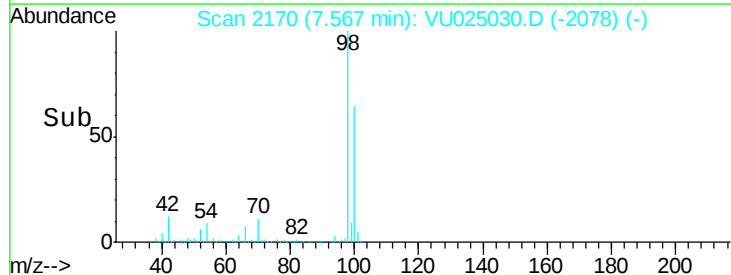
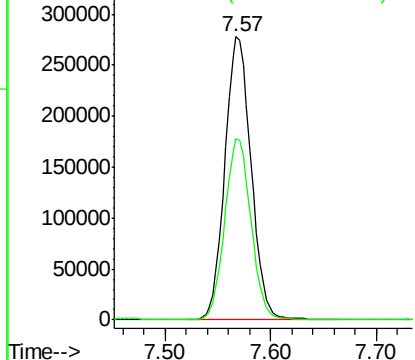


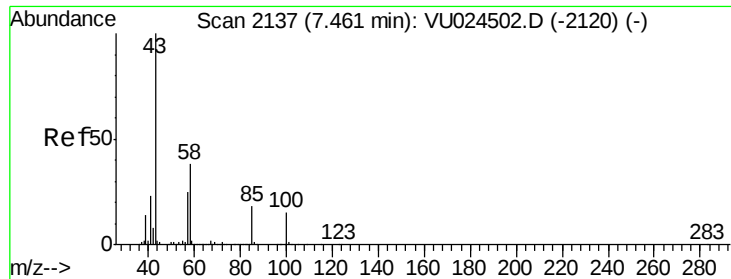
#50
 Toluene-d8
 Concen: 47.51 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU025030.D
 Acq: 28 Jun 2018 19:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 5.58 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025030.D

Acq: 28 Jun 2018 19:07

Instrument :

MSVOA_U

ClientSampleId :

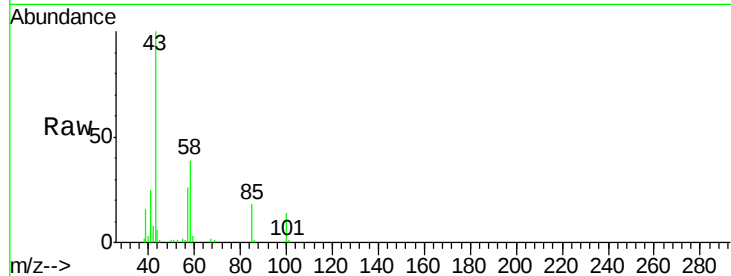
PS-BASELINEWATER

Tot Ion: 43 Resp: 25848

Ion Ratio Lower Upper

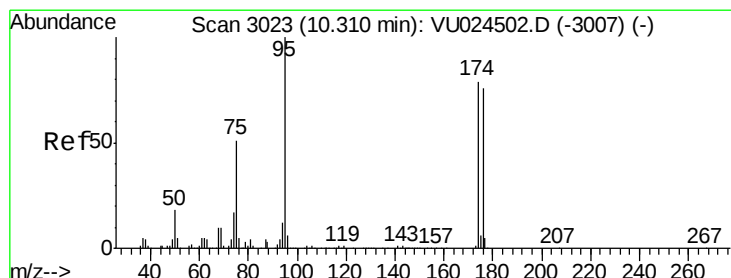
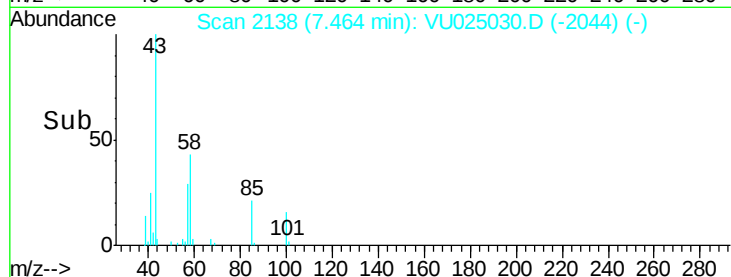
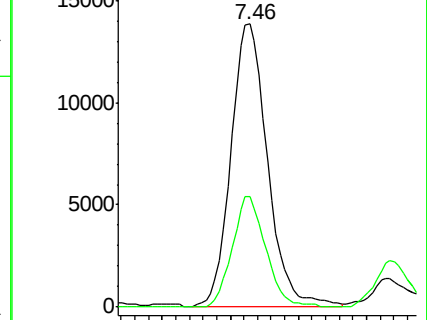
43 100

58 35.6 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 44.50 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025030.D

Acq: 28 Jun 2018 19:07

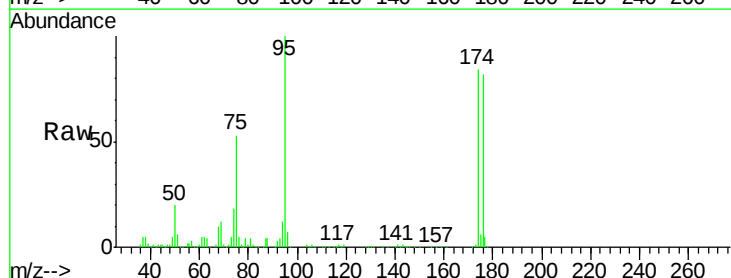
Tgt Ion: 95 Resp: 178055

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

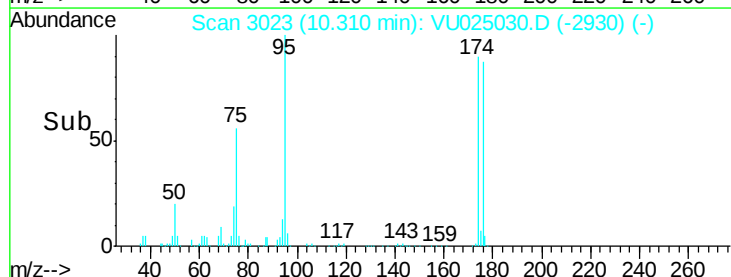
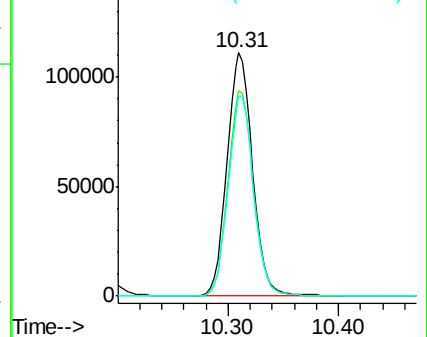
176 81.7 0.0 159.4

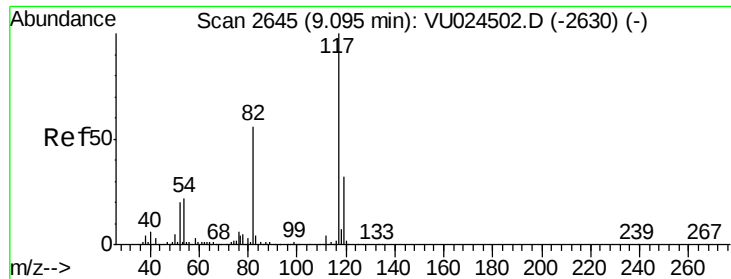


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

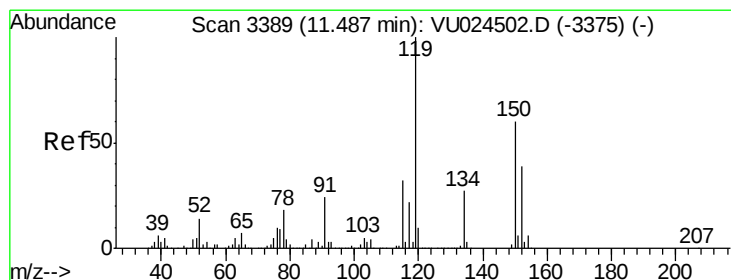
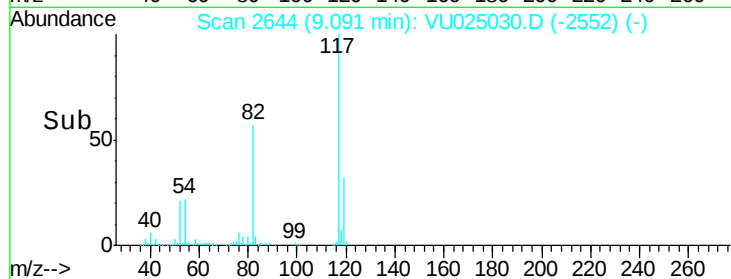
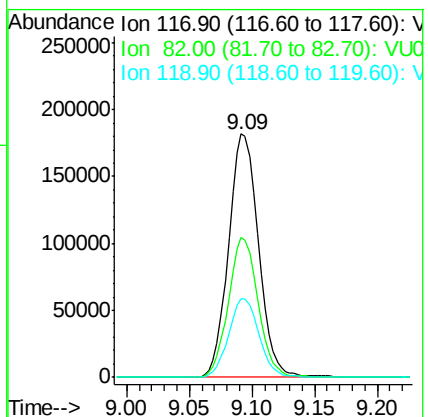
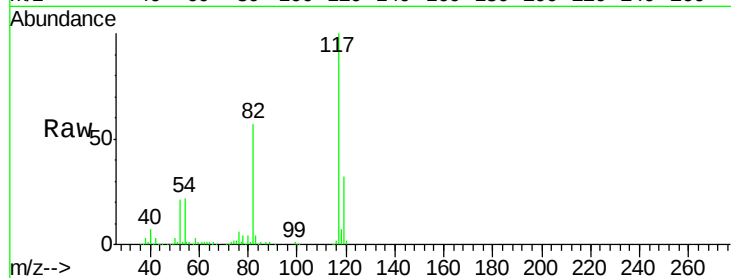




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025030.D
Acq: 28 Jun 2018 19:07

Instrument :
MSVOA_U
ClientSampleId :
PS-BASELINEWATER

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.3	66.5
119	32.0	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: VU025030.D
Acq: 28 Jun 2018 19:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	43.0	129.0
150	154.5	0.0	354.0

