

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024765.D
 Acq On : 20 Jun 2018 18:20
 Operator : MD/SY
 Sample : J3577-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 544-IW-16

Quant Time: Jun 20 19:01:48 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

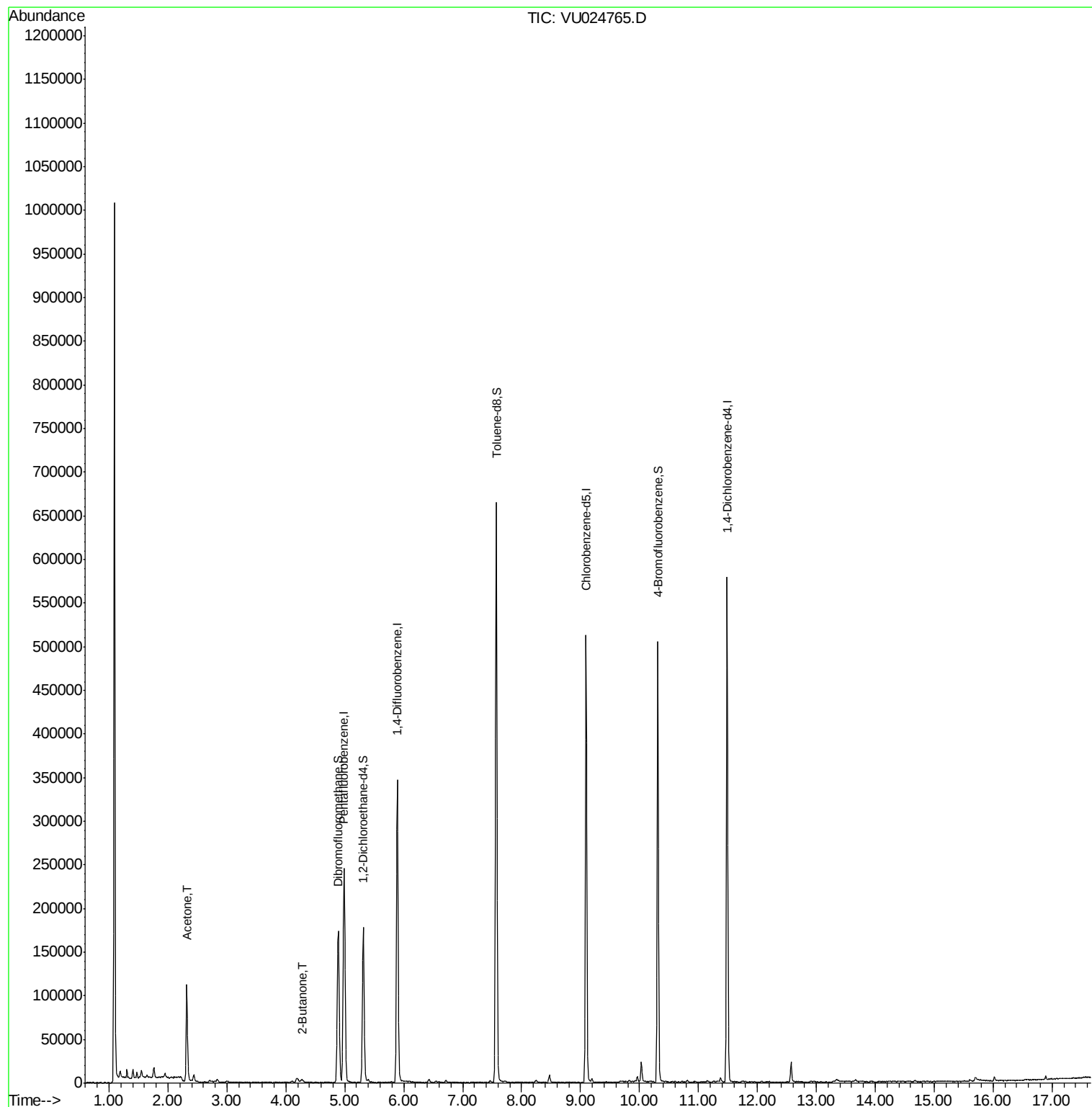
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299892	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	135989	42.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.40%	
35) Dibromofluoromethane	4.89	113	116942	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	7.57	98	443155	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	10.31	95	157628	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
Target Compounds						
16) Acetone	2.32	43	113909	66.57	ug/l	95
25) 2-Butanone	4.27	43	6323	2.75	ug/l	99

(#) = 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: VU024765.D

Acq: 20 Jun 2018 18:20

Instrument :

MSVOA_U

ClientSampleId :

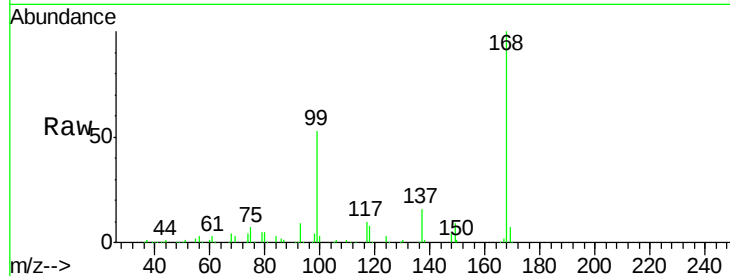
544-IW-16

Tot Ion:168 Resp: 195077

Ion Ratio Lower Upper

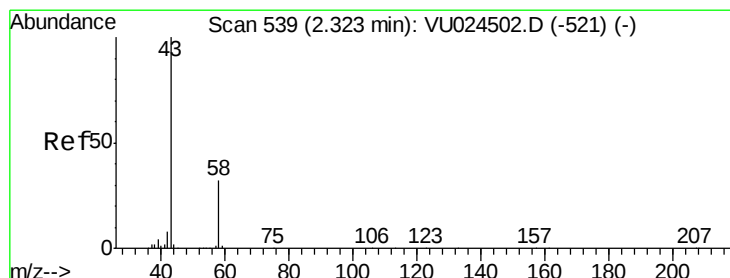
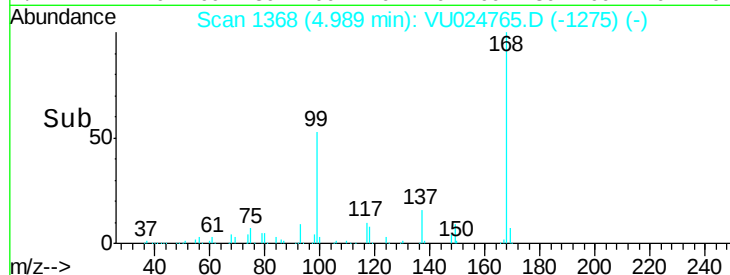
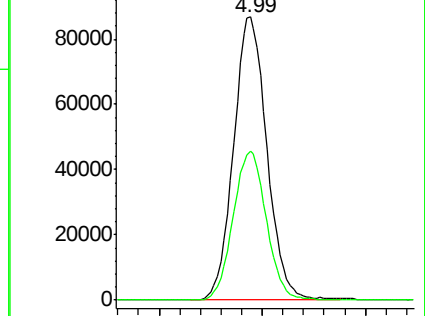
168 100

99 52.7 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) (-)



#16

Acetone

Concen: 66.57 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024765.D

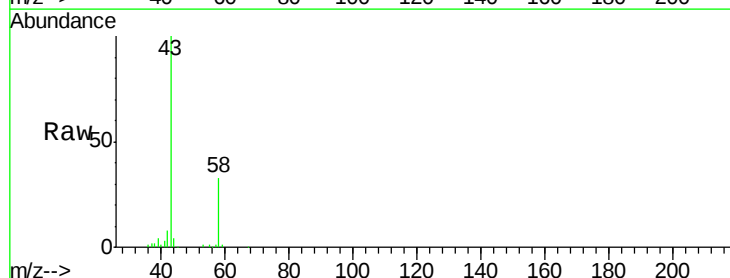
Acq: 20 Jun 2018 18:20

Tgt Ion: 43 Resp: 113909

Ion Ratio Lower Upper

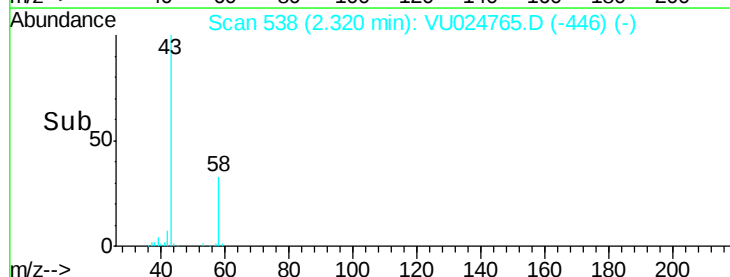
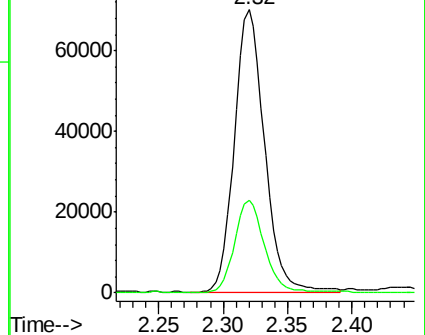
43 100

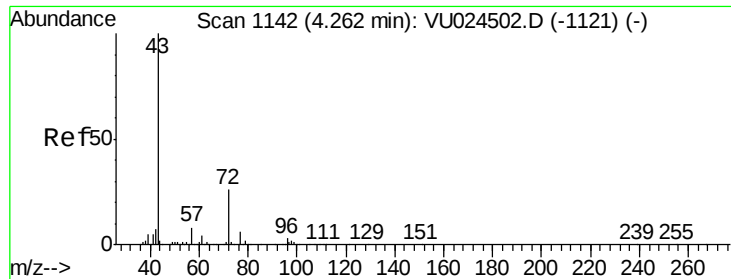
58 33.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

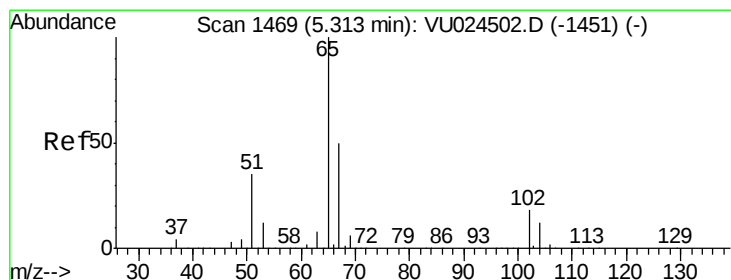
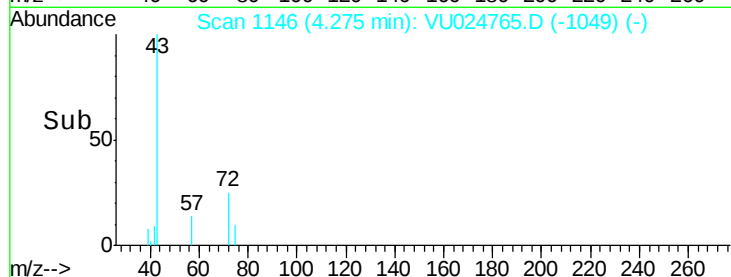
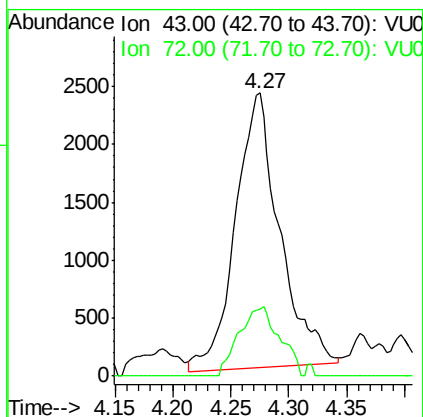
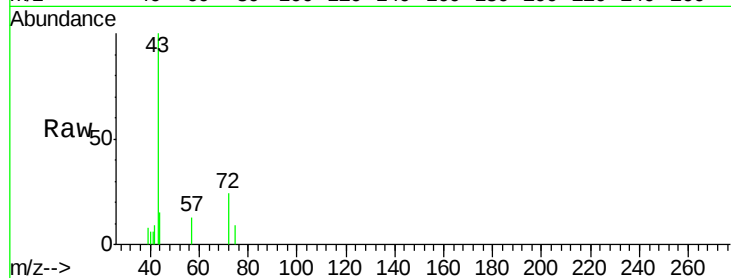




#25
2-Butanone
Concen: 2.75 ug/l
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU024765.D
Acq: 20 Jun 2018 18:20

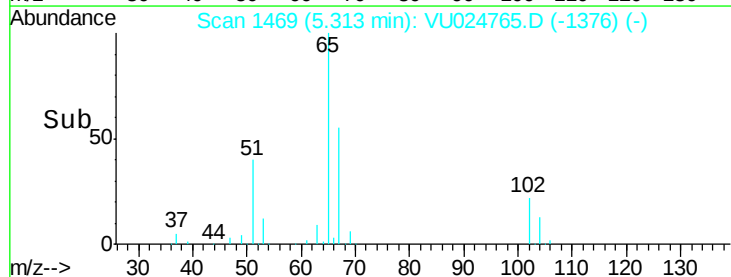
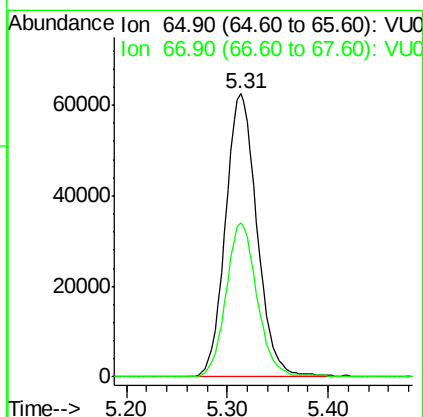
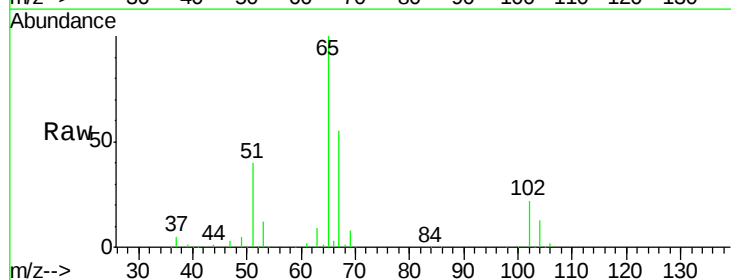
Instrument :
MSVOA_U
ClientSampleId :
544-IW-16

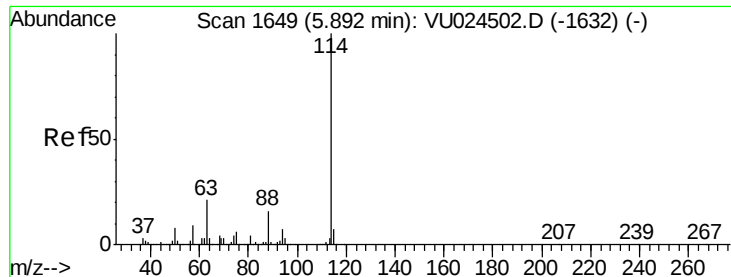
Tot Ion: 43 Resp: 6323
Ion Ratio Lower Upper
43 100
72 25.0 19.6 29.4



#33
1,2-Dichloroethane-d4
Concen: 42.70 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024765.D
Acq: 20 Jun 2018 18:20

Tgt Ion: 65 Resp: 135989
Ion Ratio Lower Upper
65 100
67 53.5 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: VU024765.D

Acq: 20 Jun 2018 18:20

Instrument :

MSVOA_U

ClientSampleId :

544-IW-16

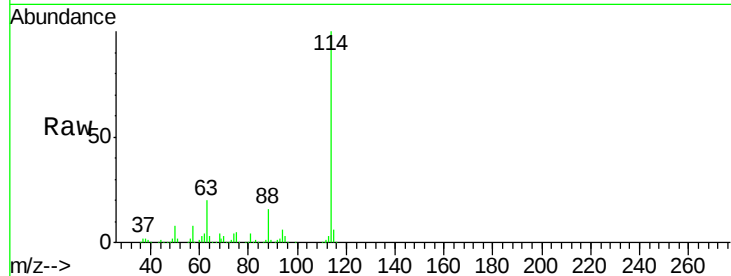
Tot Ion:114 Resp: 299892

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.4

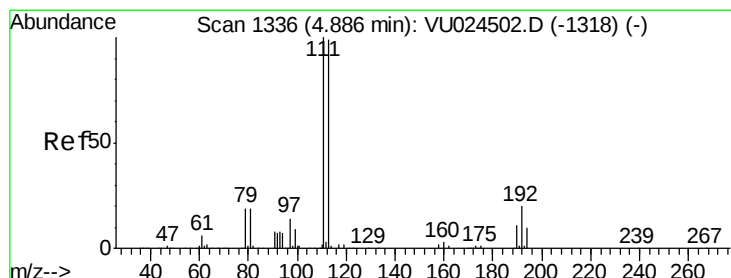
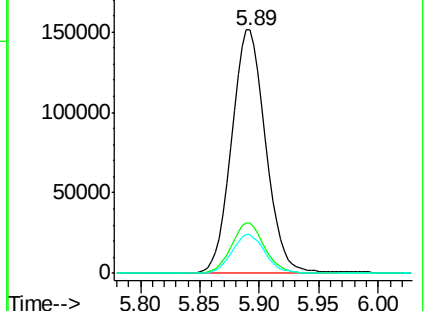
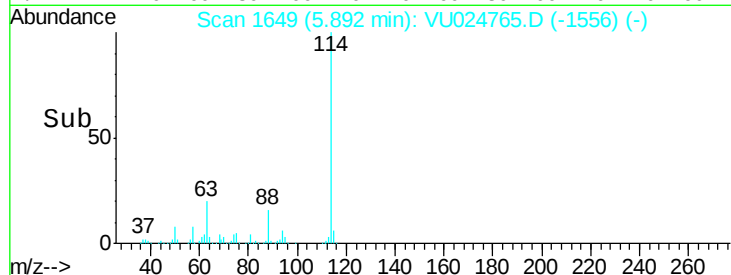
88 15.7 0.0 31.0



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: 46.99 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024765.D

Acq: 20 Jun 2018 18:20

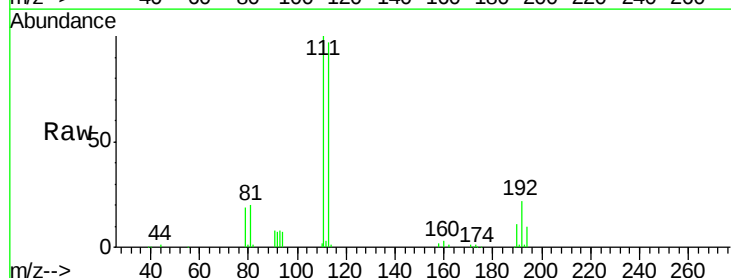
Tgt Ion:113 Resp: 116942

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

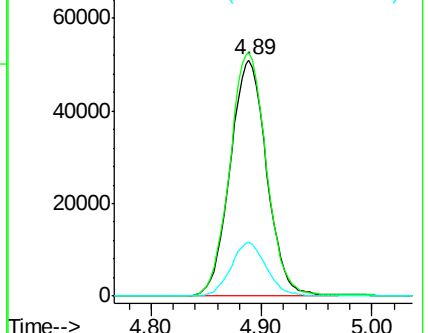
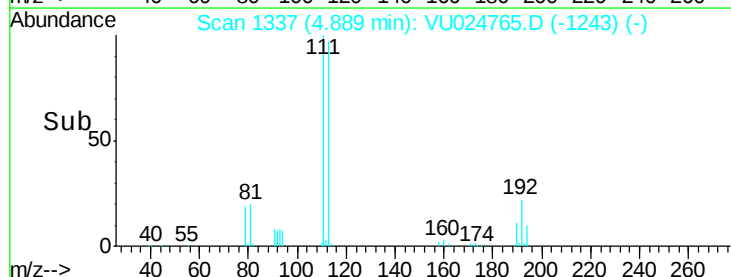
192 21.9 16.2 24.4



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

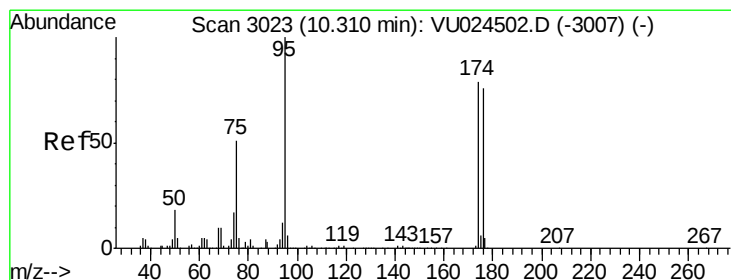
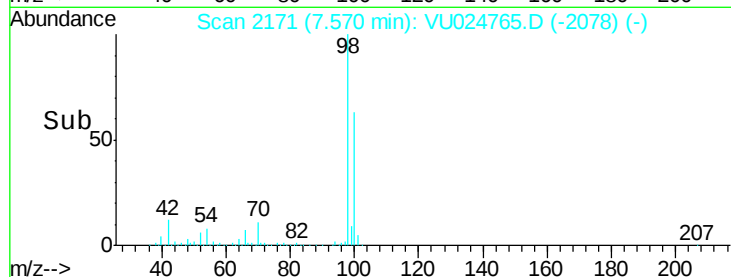
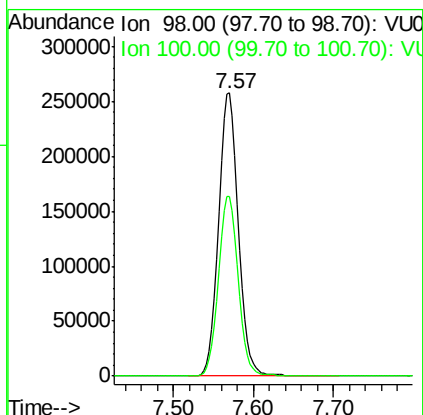
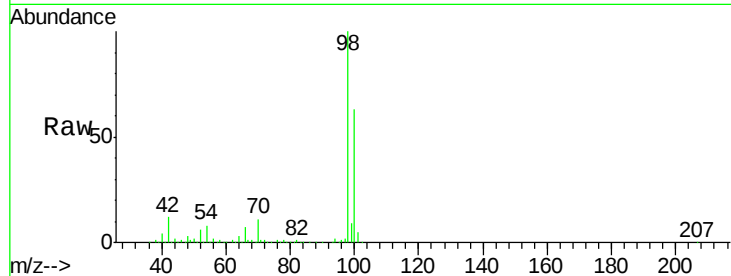




#50
Toluene-d8
Concen: 48.81 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024765.D
Acq: 20 Jun 2018 18:20

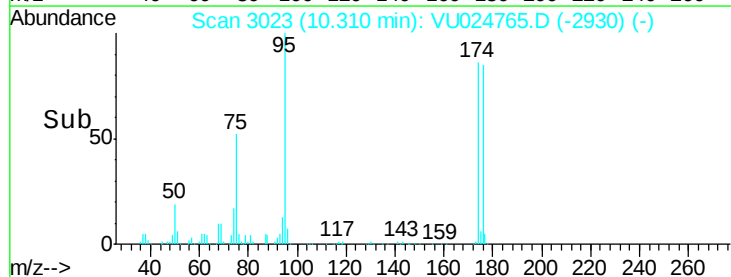
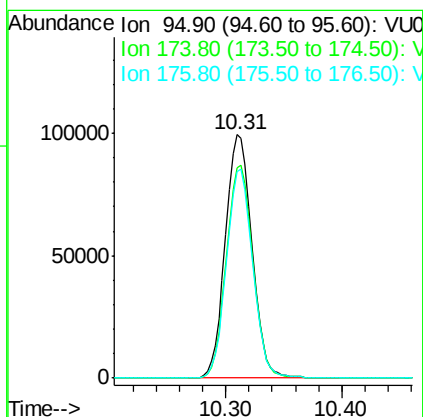
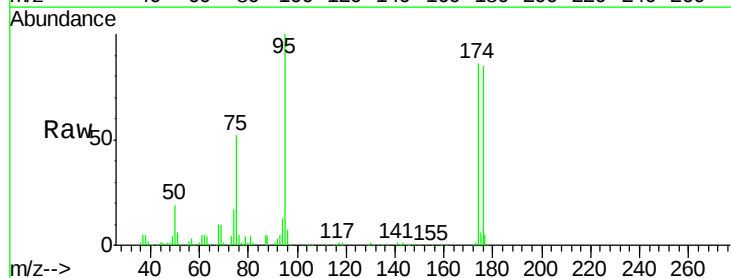
Instrument :
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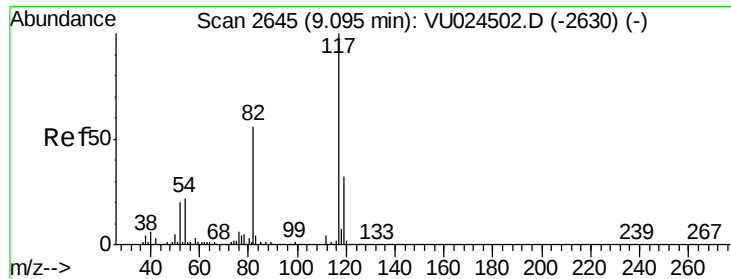
Tot Ion: 98 Resp: 443155
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.73 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024765.D
Acq: 20 Jun 2018 18:20

Tgt Ion: 95 Resp: 157628
Ion Ratio Lower Upper
95 100
174 87.2 0.0 165.8
176 84.3 0.0 159.4

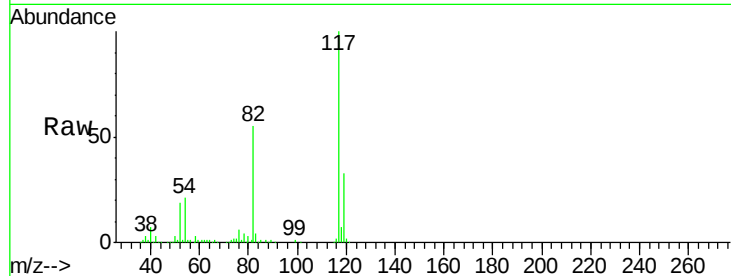




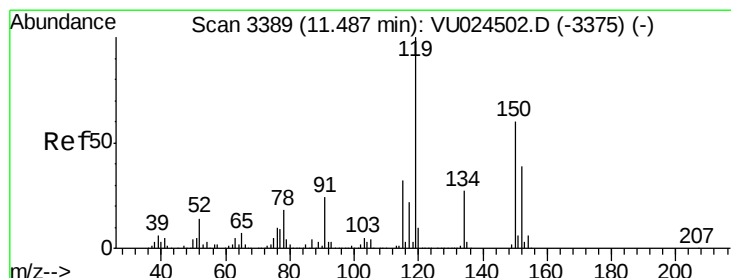
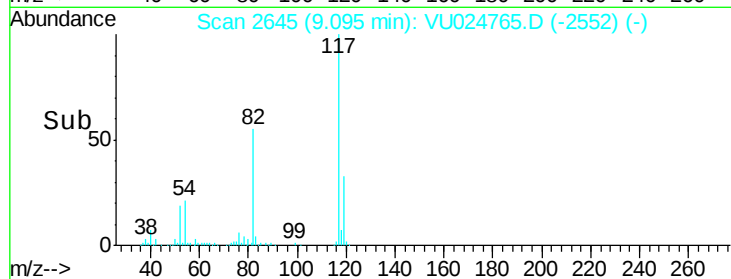
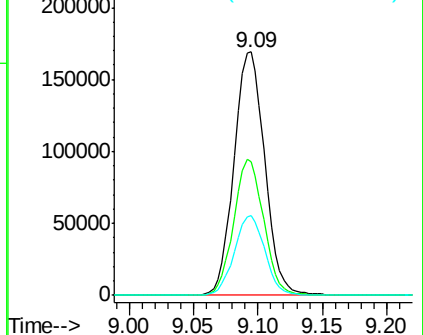
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024765.D
Acq: 20 Jun 2018 18:20

Instrument :
MSVOA_U
ClientSampleId :
544-IW-16

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.3	66.5
119	32.5	25.4	38.2

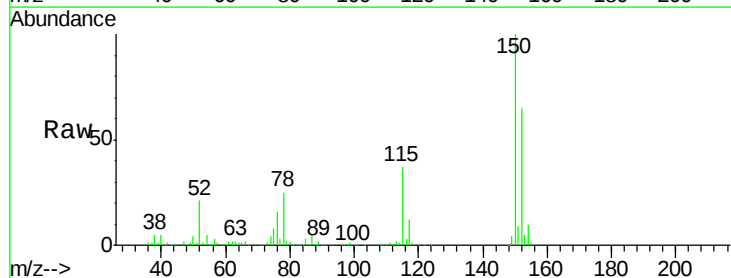


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024765.D
Acq: 20 Jun 2018 18:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	43.0	129.0
150	154.4	0.0	354.0



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

