

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027382.D
 Acq On : 04 Oct 2018 01:45
 Operator : MD/SY
 Sample : J5163-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-7

Quant Time: Oct 04 08:20:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

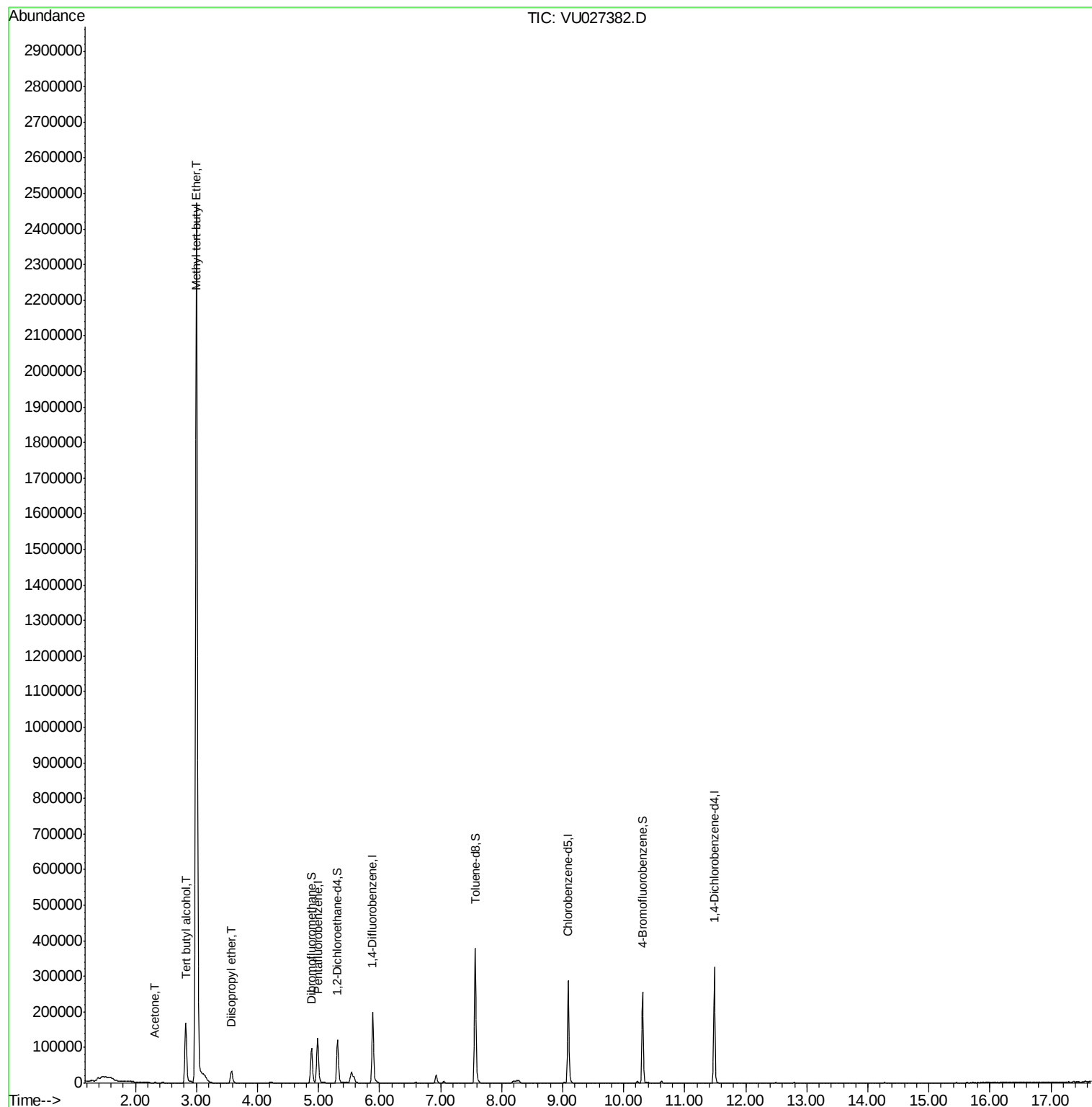
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	91003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	160846	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97728	64.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.62%	
35) Dibromofluoromethane	4.88	113	68113	61.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.58%	
50) Toluene-d8	7.57	98	250191	60.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.28%	
62) 4-Bromofluorobenzene	10.31	95	83809	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	194063	606.445	ug/l	98
16) Acetone	2.32	43	1827	2.035	ug/l	90
19) Methyl tert-butyl Ether	3.00	73	2548069	661.557	ug/l	99
22) Diisopropyl ether	3.58	45	34589	7.455	ug/l	96

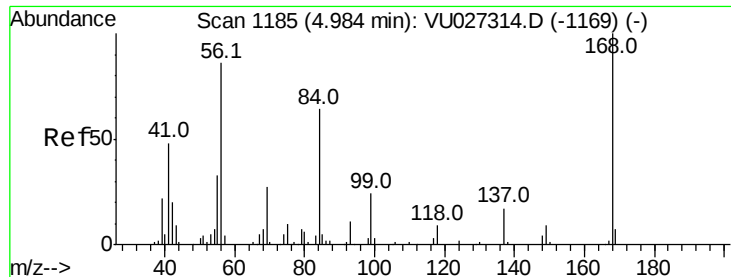
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027382.D

Acq: 04 Oct 2018 01:45

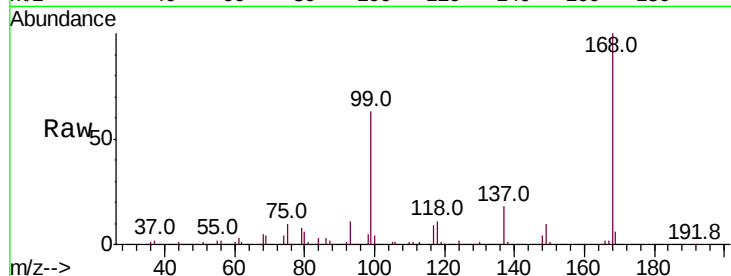
Instrument :
MSVOA_U
ClientSampleId :
MW-7

Tot Ion:168 Resp: 91003

Ion Ratio Lower Upper

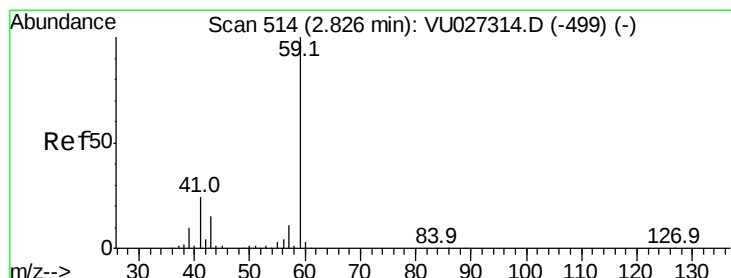
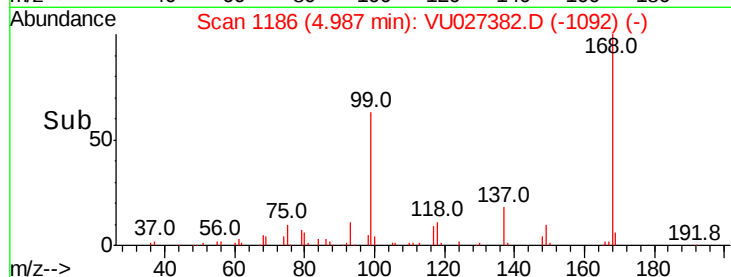
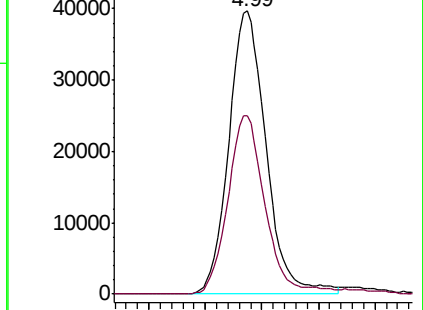
168 100

99 63.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#11

Tert butyl alcohol

Concen: 606.445 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU027382.D

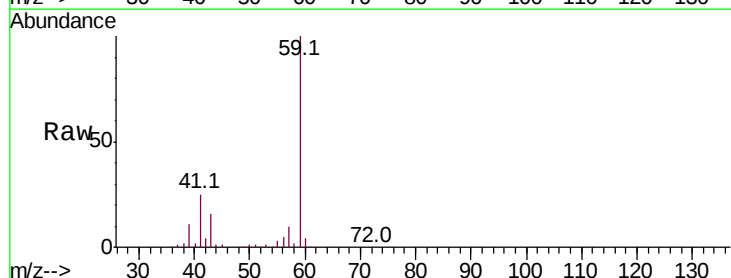
Acq: 04 Oct 2018 01:45

Tgt Ion: 59 Resp: 194063

Ion Ratio Lower Upper

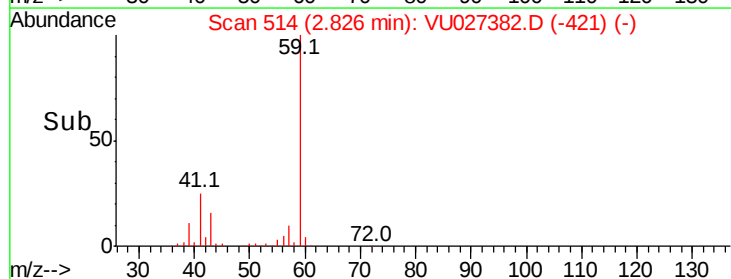
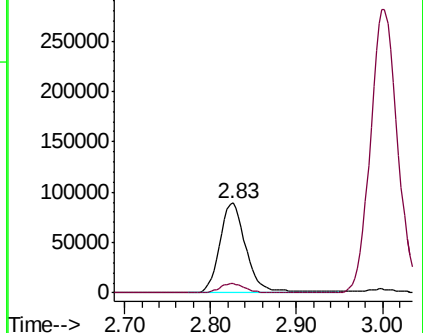
59 100

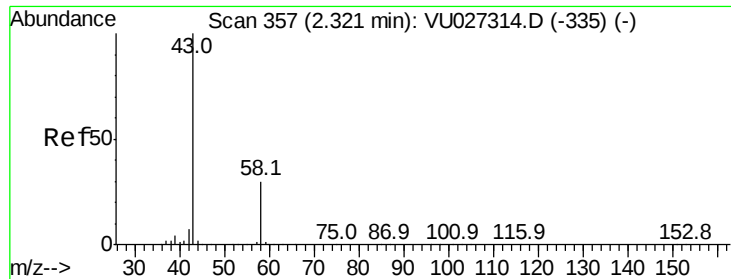
57 9.9 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)





#16

Acetone

Concen: 2.035 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027382.D

Acq: 04 Oct 2018 01:45

Instrument :

MSVOA_U

ClientSampled :

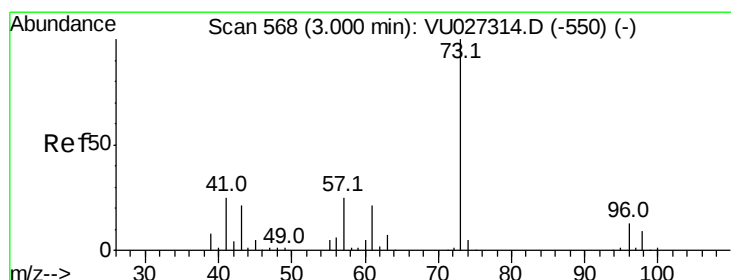
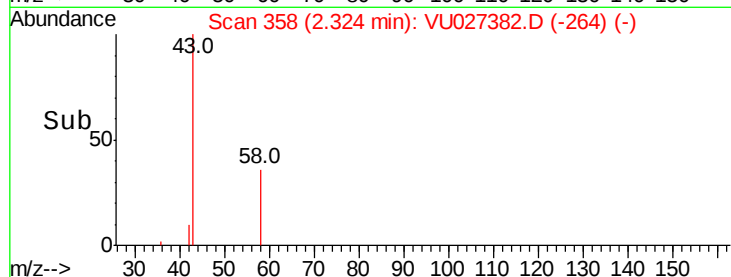
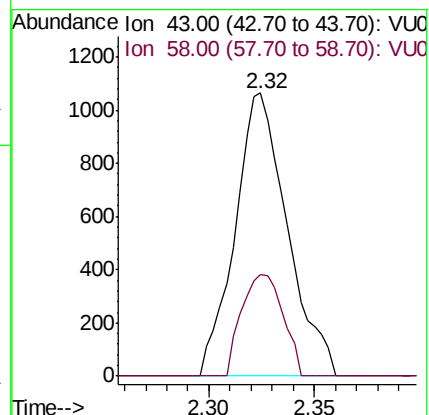
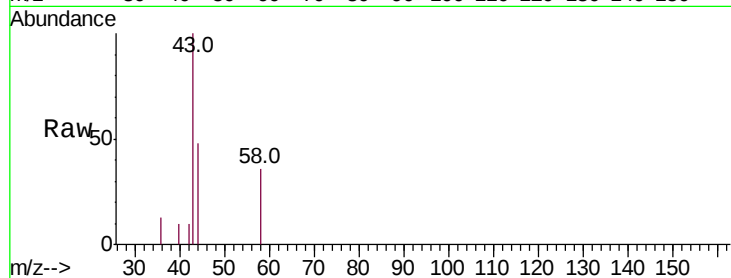
MW-7

Tot Ion: 43 Resp: 1827

Ion Ratio Lower Upper

43 100

58 35.9 24.2 36.4



#19

Methyl tert-butyl Ether

Concen: 661.557 ug/l

RT: 3.00 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU027382.D

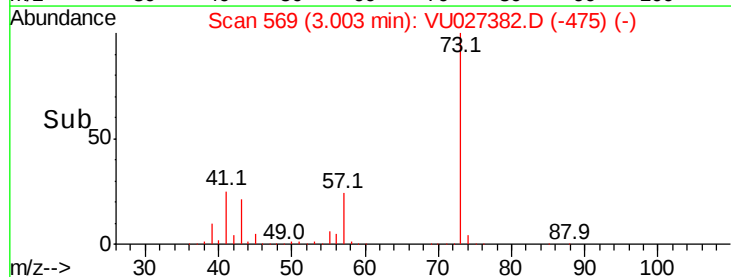
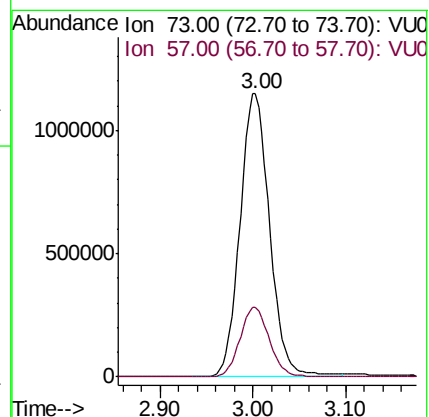
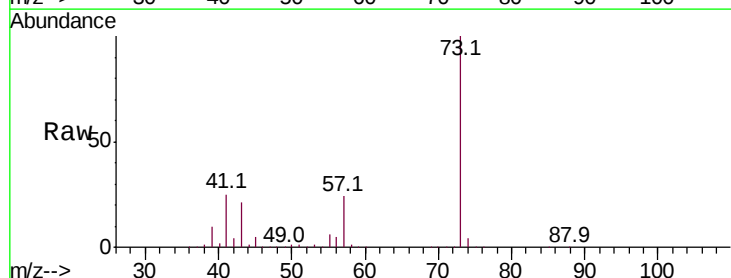
Acq: 04 Oct 2018 01:45

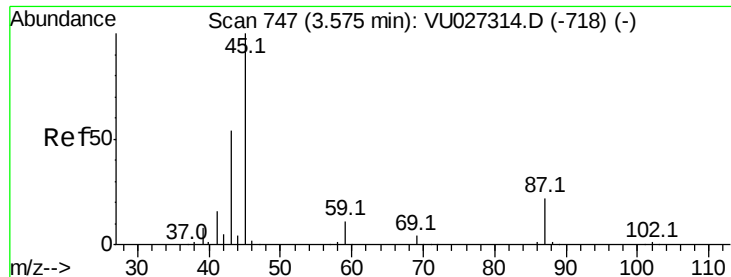
Tgt Ion: 73 Resp: 2548069

Ion Ratio Lower Upper

73 100

57 24.4 20.0 30.0





#22

Diisopropyl ether

Concen: 7.455 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027382.D

Acq: 04 Oct 2018 01:45

Instrument :

MSVOA_U

ClientSampleId :

MW-7

Tot Ion: 45 Resp: 34589

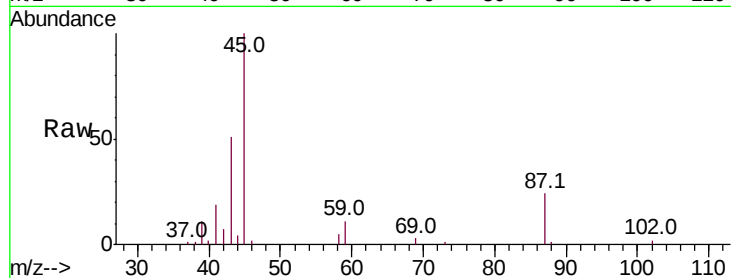
Ion Ratio Lower Upper

45 100

43 51.2 43.4 65.2

87 23.7 17.5 26.3

59 11.5 8.6 13.0

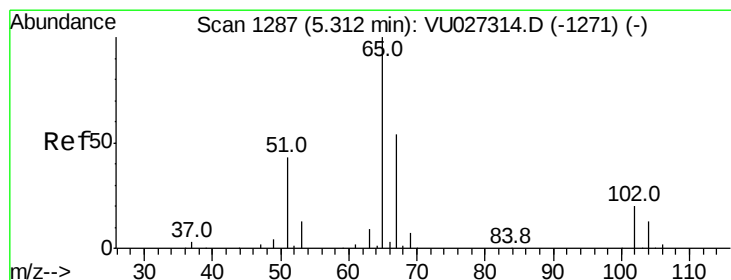
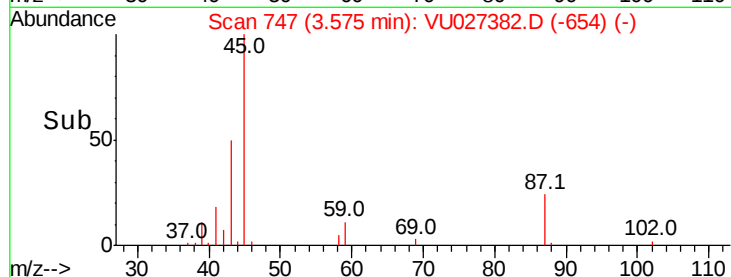
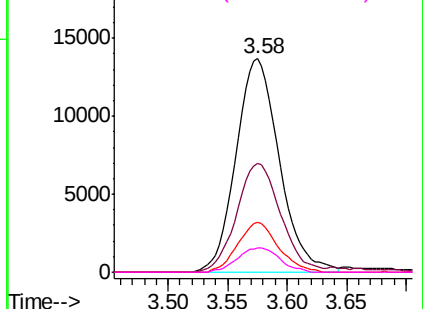


Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

Ion 59.00 (58.70 to 59.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 64.312 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027382.D

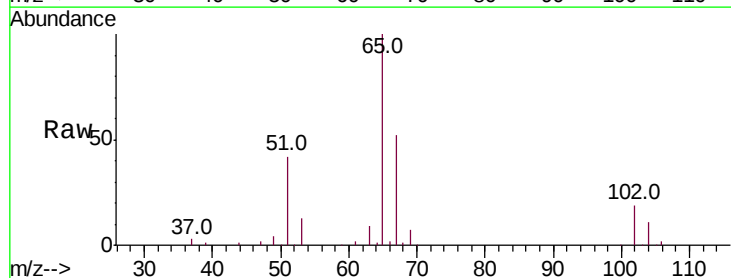
Acq: 04 Oct 2018 01:45

Tgt Ion: 65 Resp: 97728

Ion Ratio Lower Upper

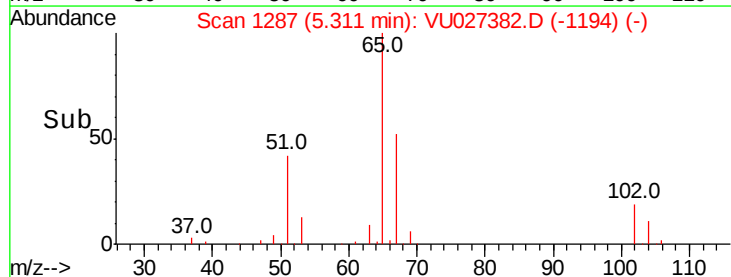
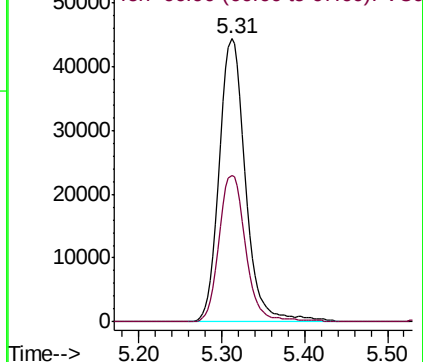
65 100

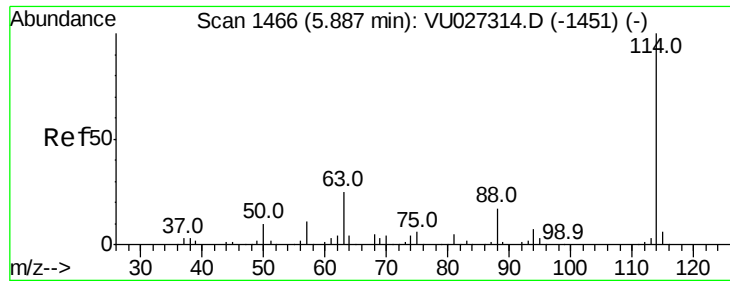
67 51.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU027382.D

Acq: 04 Oct 2018 01:45

Instrument :

MSVOA_U

ClientSampleId :

MW-7

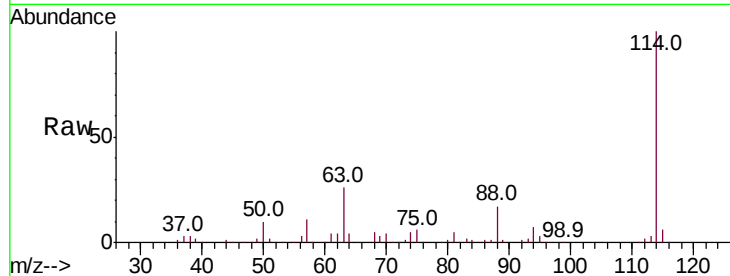
Tot Ion:114 Resp: 160846

Ion Ratio Lower Upper

114 100

63 25.7 0.0 50.2

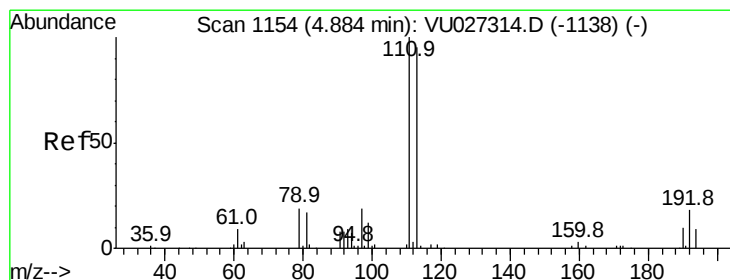
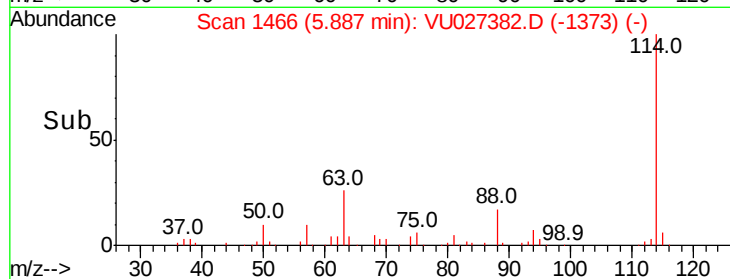
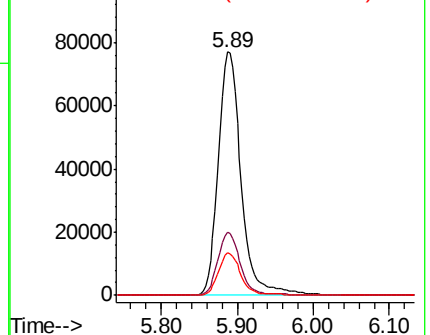
88 17.3 0.0 33.8



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: 61.790 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027382.D

Acq: 04 Oct 2018 01:45

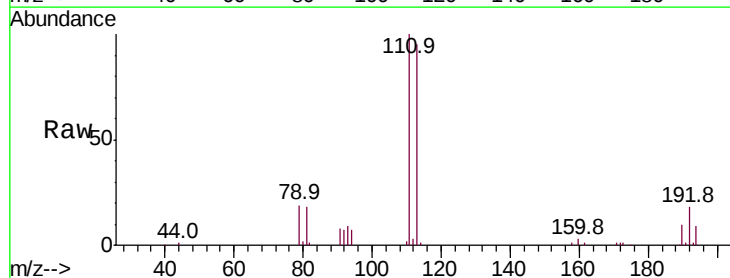
Tgt Ion:113 Resp: 68113

Ion Ratio Lower Upper

113 100

111 103.3 83.1 124.7

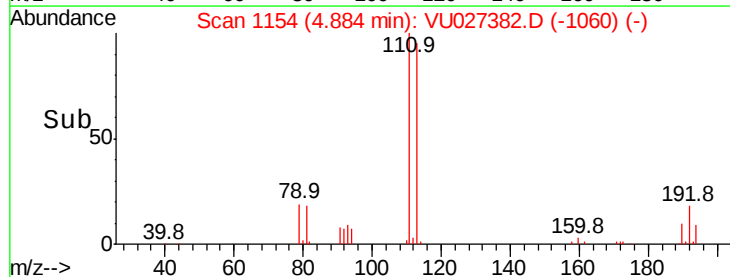
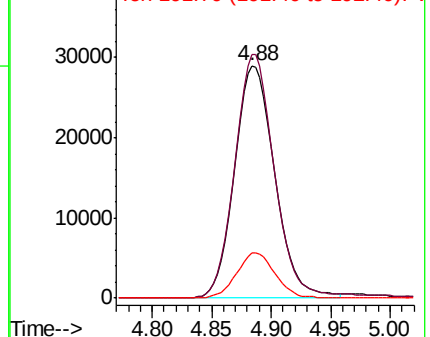
192 18.6 15.4 23.0

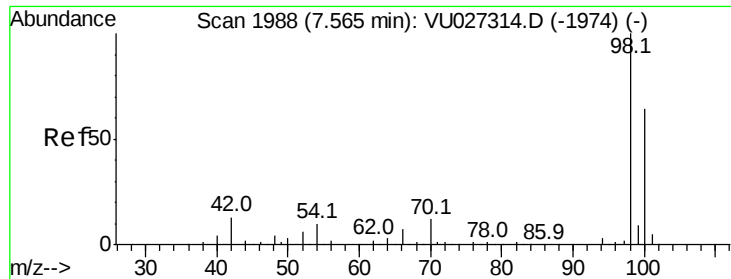


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

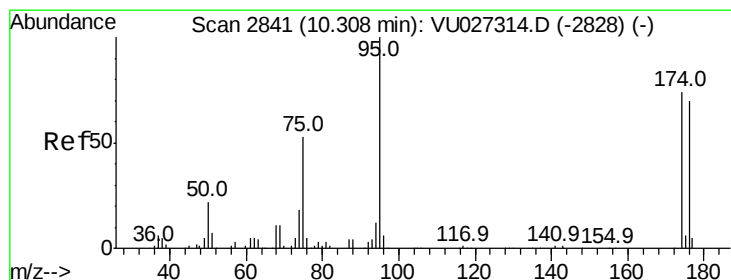
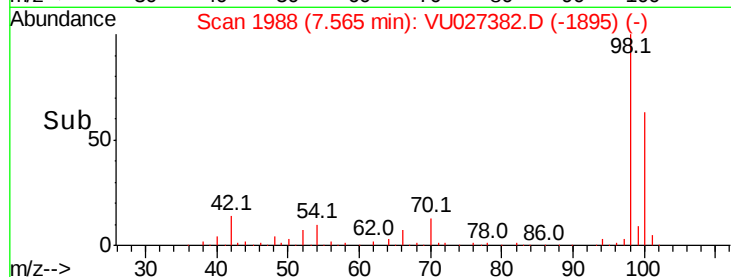
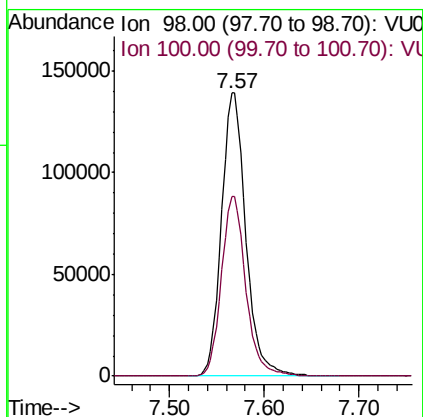
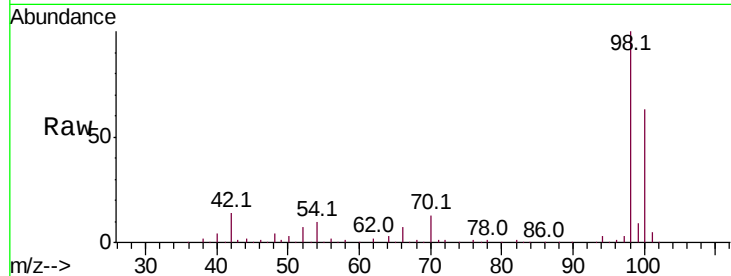




#50
Toluene-d8
Concen: 60.643 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027382.D
Acq: 04 Oct 2018 01:45

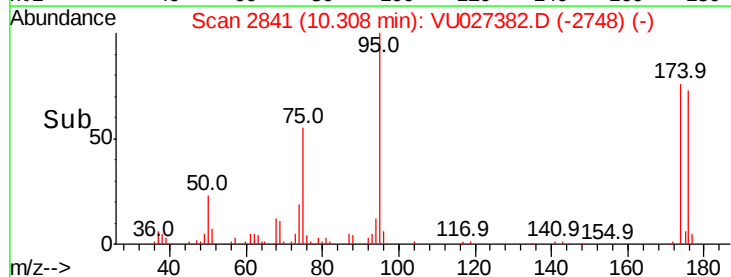
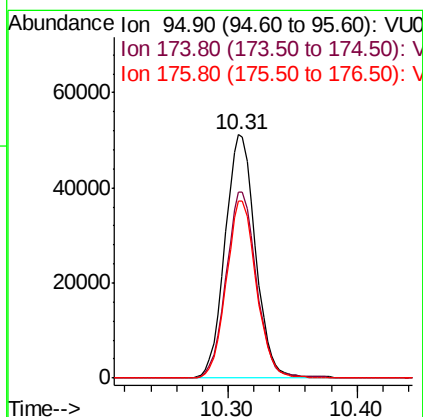
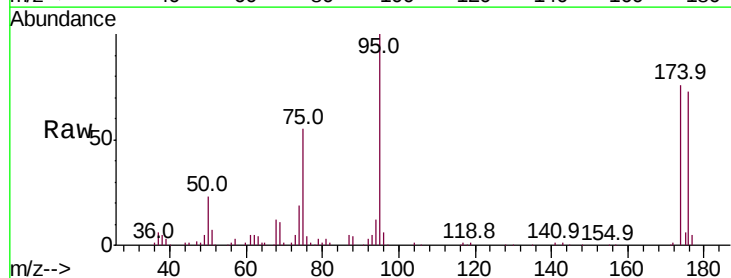
Instrument :
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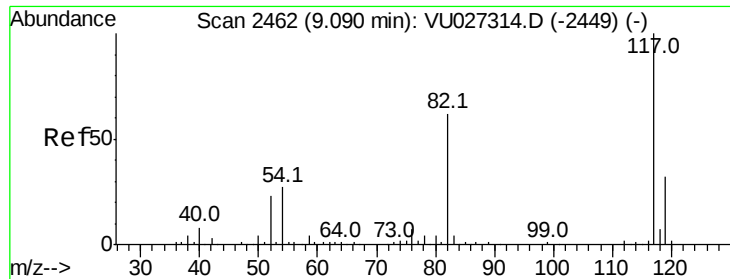
Tot Ion: 98 Resp: 250191
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.661 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027382.D
Acq: 04 Oct 2018 01:45

Tgt Ion: 95 Resp: 83809
Ion Ratio Lower Upper
95 100
174 76.6 0.0 147.8
176 71.8 0.0 140.8

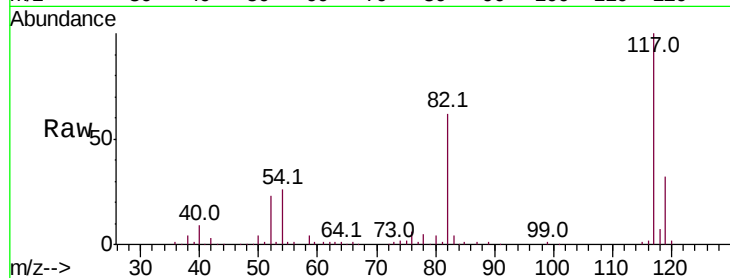




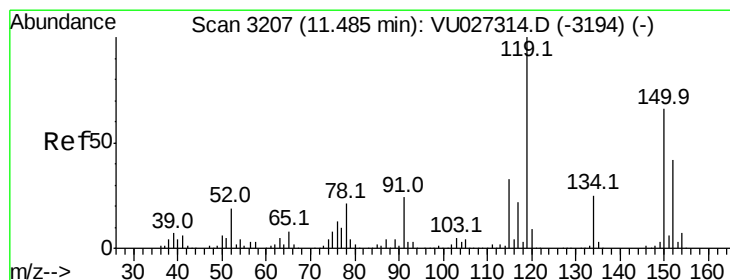
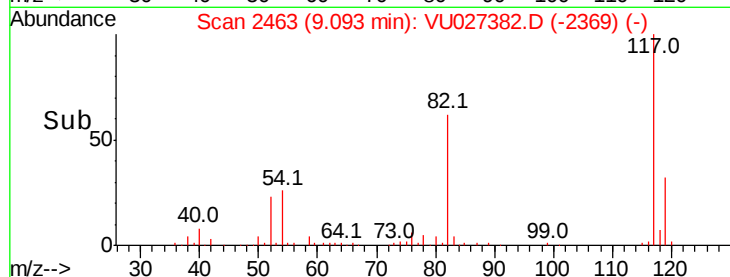
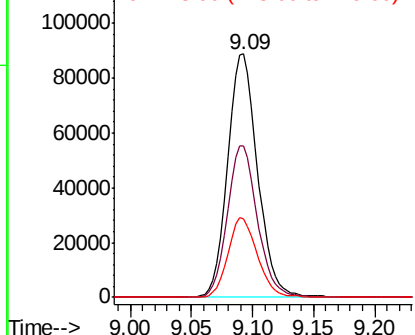
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027382.D
Acq: 04 Oct 2018 01:45

Instrument :
MSVOA_U
ClientSampleId :
MW-7

Tot Ion:117 Resp: 152839
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 32.0 25.7 38.5

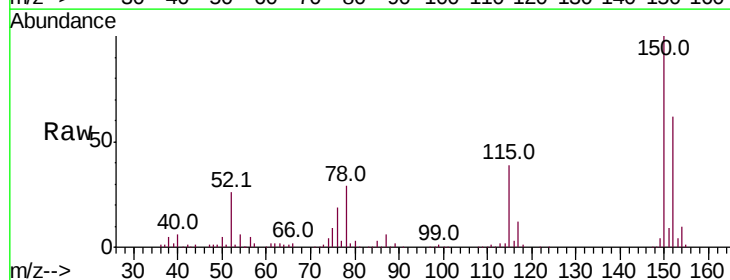


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027382.D
Acq: 04 Oct 2018 01:45

Tgt Ion:152 Resp: 77298
Ion Ratio Lower Upper
152 100
115 61.3 43.4 130.2
150 159.2 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

