

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025781.D
 Acq On : 01 Aug 2018 17:05
 Operator : MD/SY
 Sample : J4262-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-01

Quant Time: Aug 02 04:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

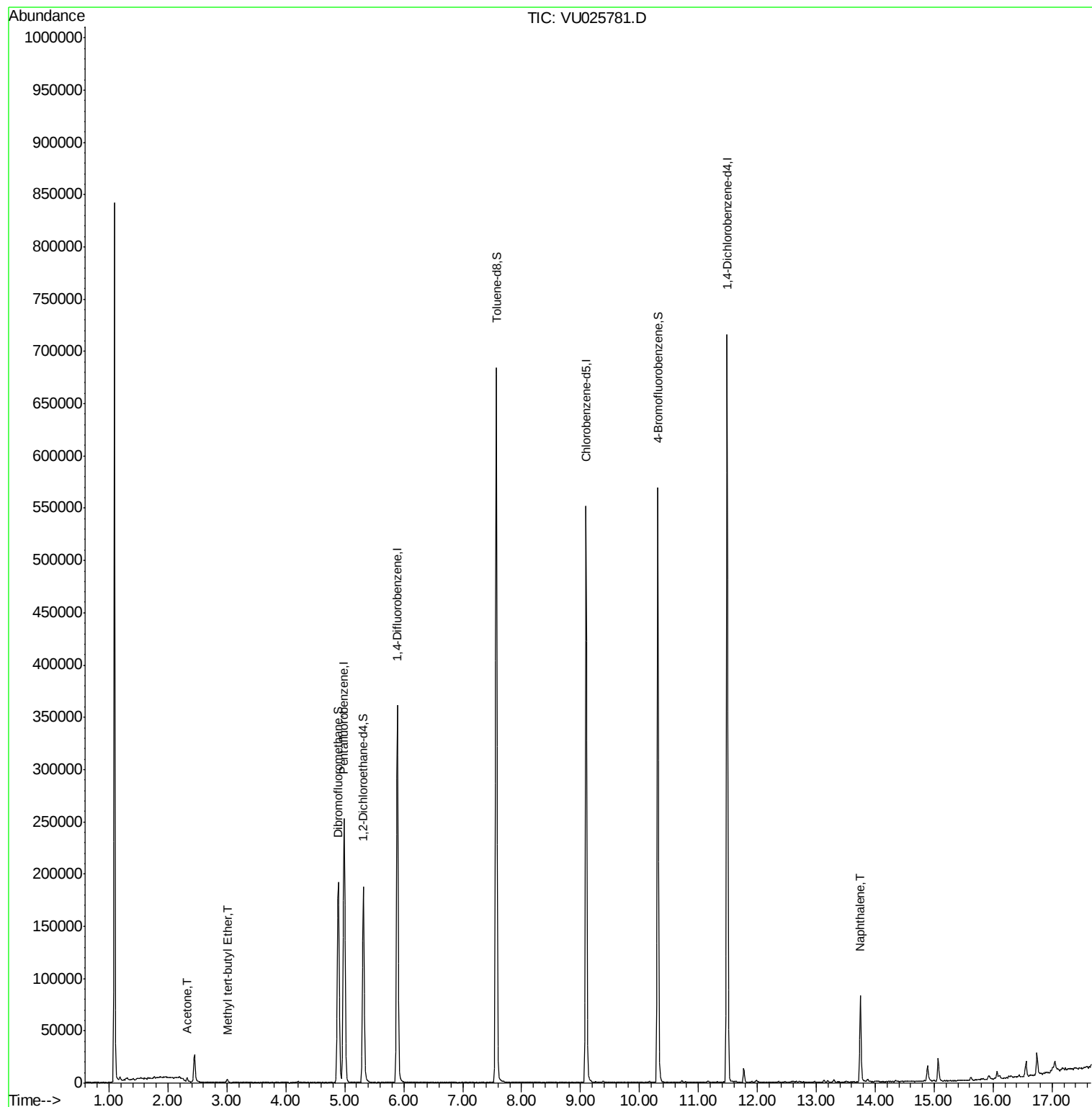
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315576	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	314200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	192519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153775	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	4.89	113	130238	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	7.57	98	458668	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	10.31	95	182375	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
Target Compounds						
16) Acetone	2.33	43	3943	2.608	ug/l #	85
19) Methyl tert-butyl Ether	3.01	73	2778	0.359	ug/l #	91
95) Naphthalene	13.75	128	72809	6.217	ug/l	99

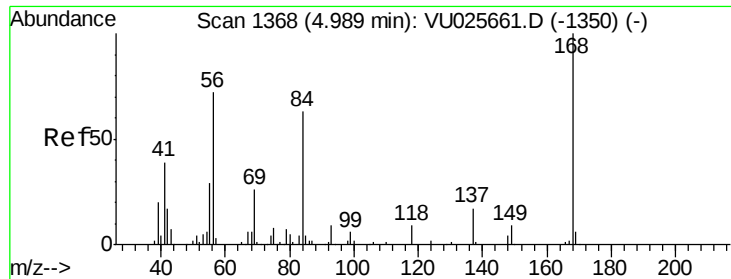
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025781.D

Acq: 01 Aug 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

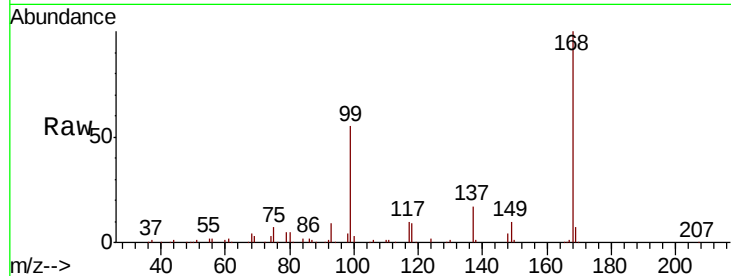
GW-01

Tot Ion:168 Resp: 199016

Ion Ratio Lower Upper

168 100

99 55.4 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)

4.99

80000

60000

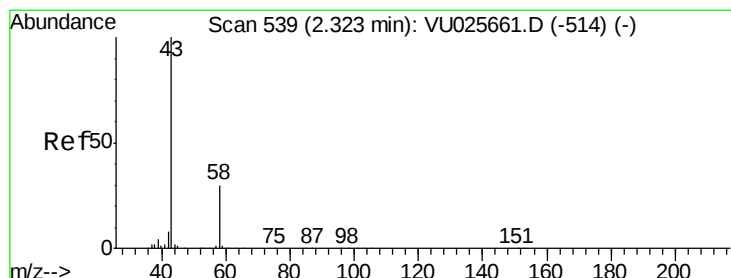
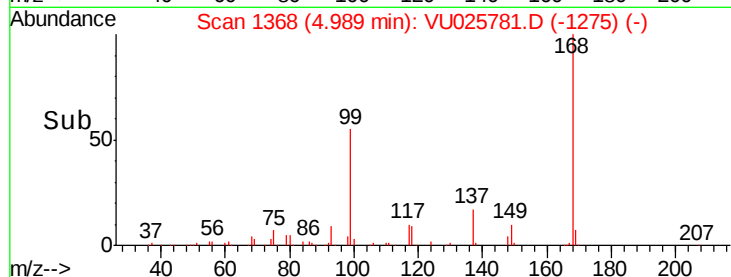
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 2.608 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025781.D

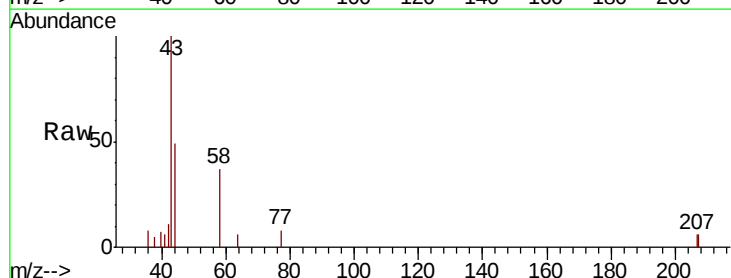
Acq: 01 Aug 2018 17:05

Tgt Ion: 43 Resp: 3943

Ion Ratio Lower Upper

43 100

58 36.7 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)

Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)

2.33

2000

1500

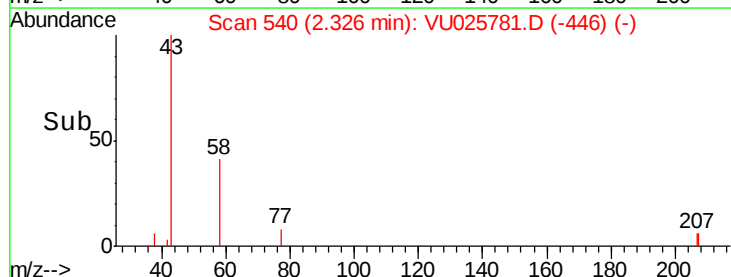
1000

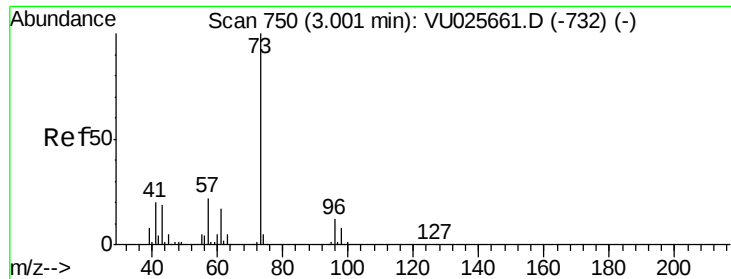
500

0

2.30 2.35 2.40

Time-->

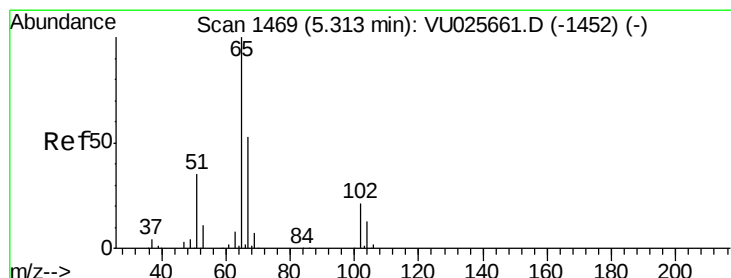
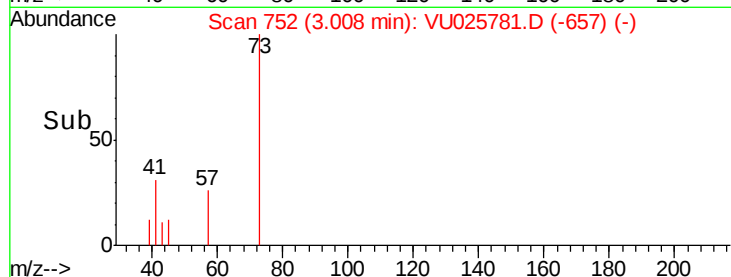
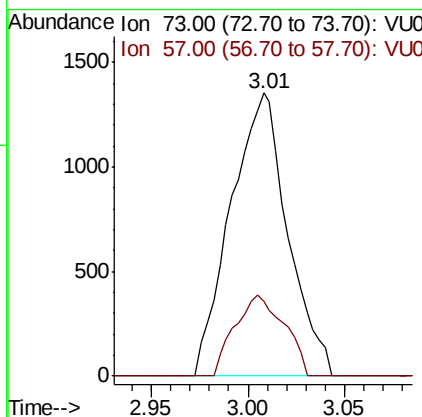
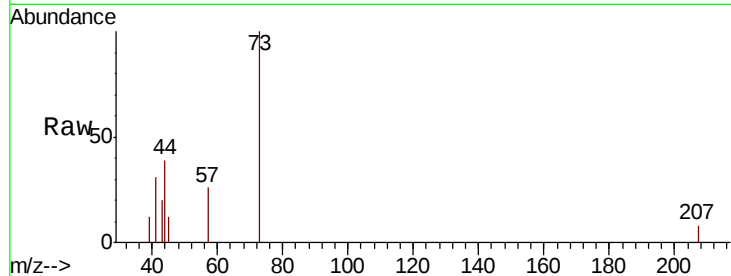




#19
Methvl tert-butvl Ether
Concen: 0.359 ug/l
RT: 3.01 min Scan# 752
Delta R.T. 0.01 min
Lab File: VU025781.D
Acq: 01 Aug 2018 17:05

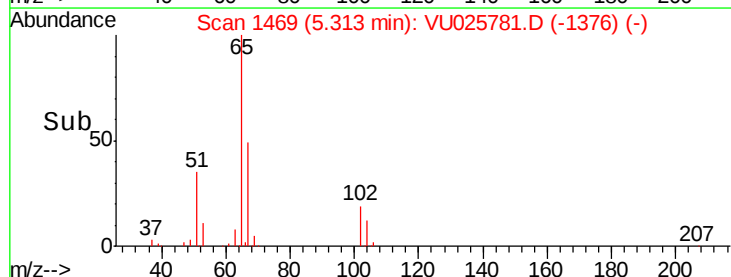
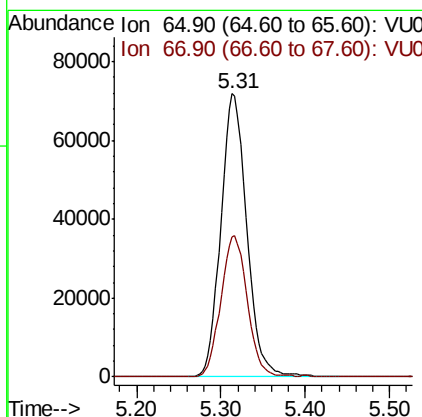
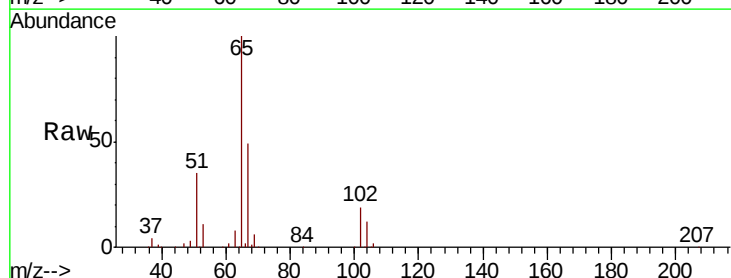
Instrument :
MSVOA_U
ClientSampleId :
GW-01

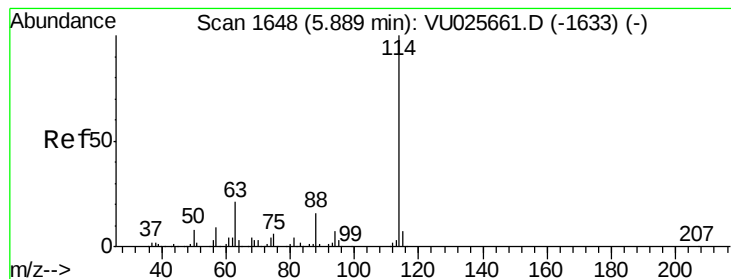
Tot Ion: 73 Resp: 2778
Ion Ratio Lower Upper
73 100
57 26.3 17.4 26.2#



#33
1,2-Dichloroethane-d4
Concen: 49.591 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025781.D
Acq: 01 Aug 2018 17:05

Tgt Ion: 65 Resp: 153775
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025781.D

Acq: 01 Aug 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

GW-01

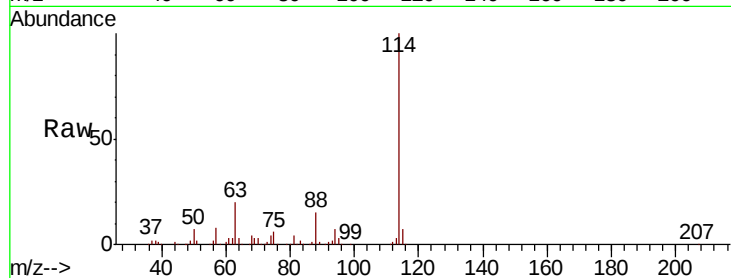
Tot Ion:114 Resp: 315576

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

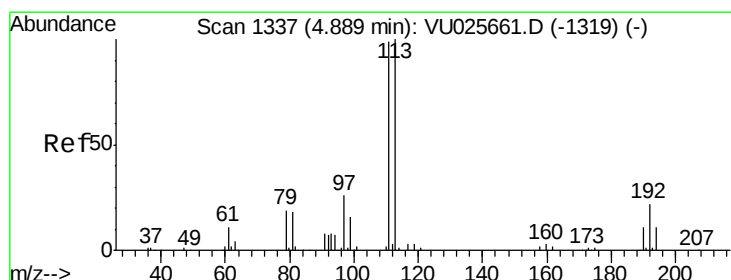
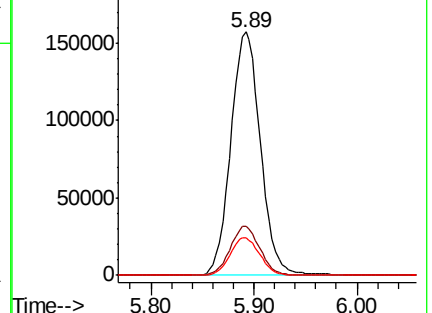
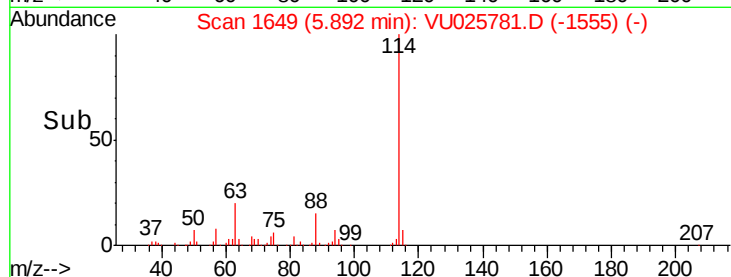
88 15.4 0.0 32.4



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: 47.450 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025781.D

Acq: 01 Aug 2018 17:05

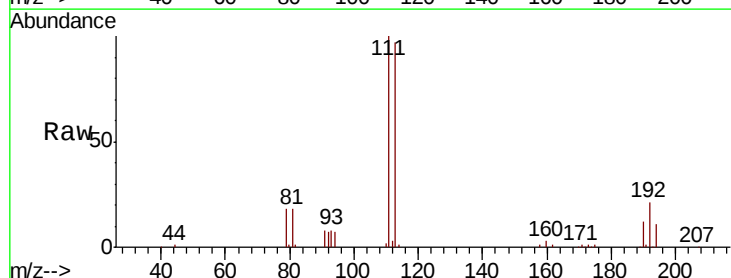
Tgt Ion:113 Resp: 130238

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

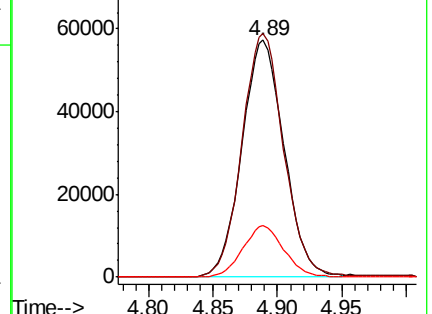
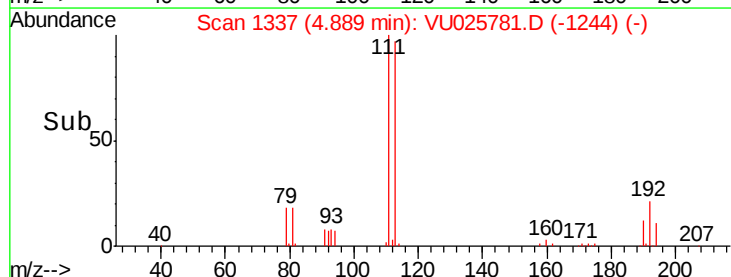
192 21.2 17.1 25.7

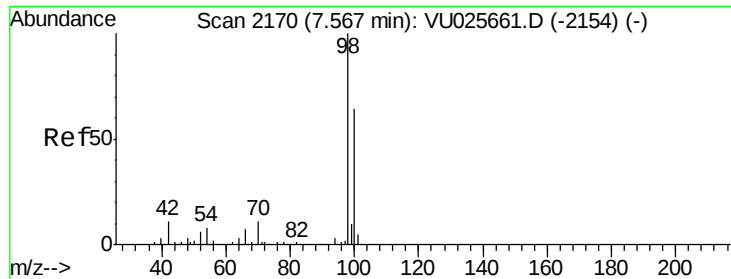


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

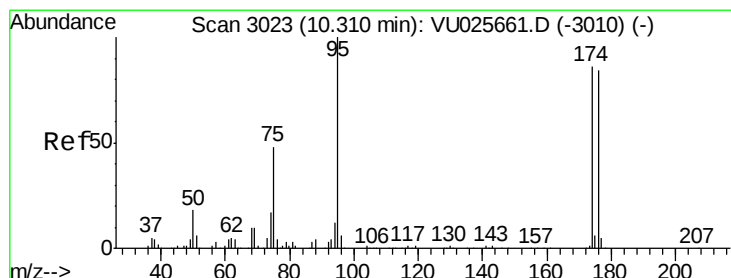
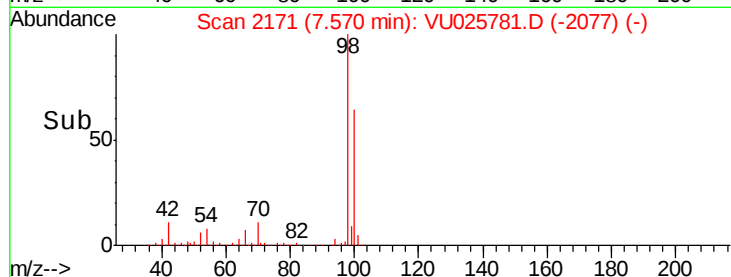
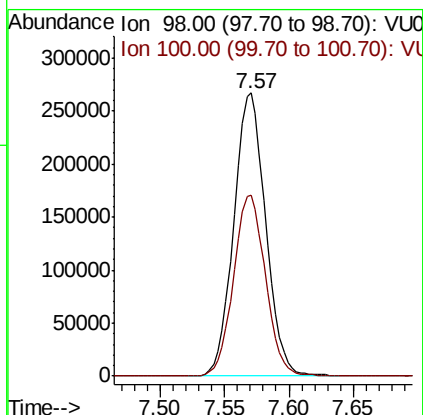
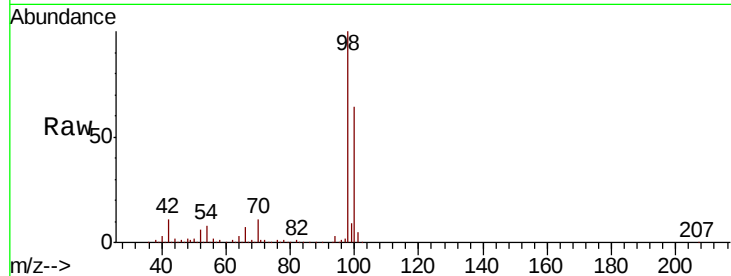




#50
Toluene-d8
Concen: 47.754 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025781.D
Acq: 01 Aug 2018 17:05

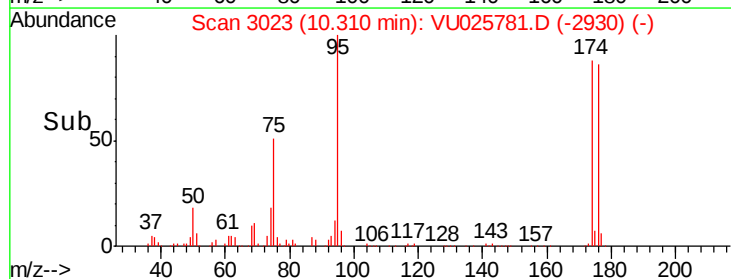
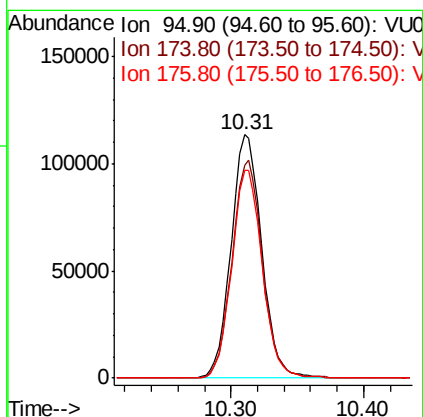
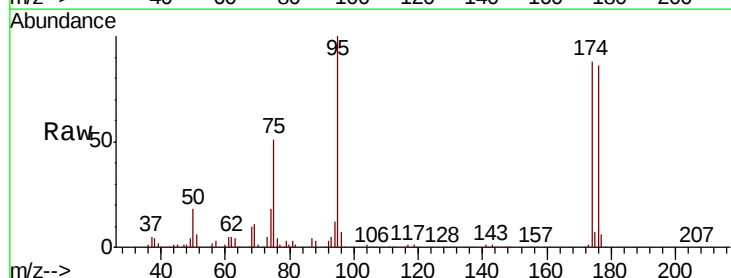
Instrument :
MSVOA_U
ClientSampleId :
GW-01

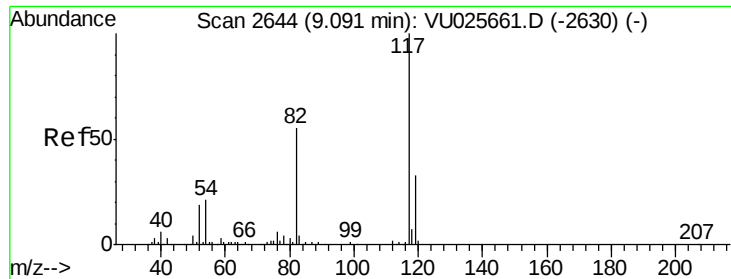
Tot Ion: 98 Resp: 458668
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 48.920 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025781.D
Acq: 01 Aug 2018 17:05

Tgt Ion: 95 Resp: 182375
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.2
176 85.2 0.0 162.6

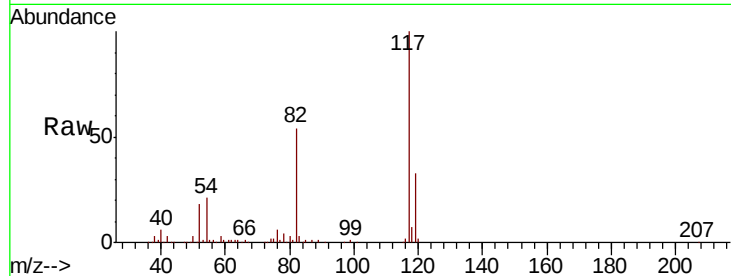




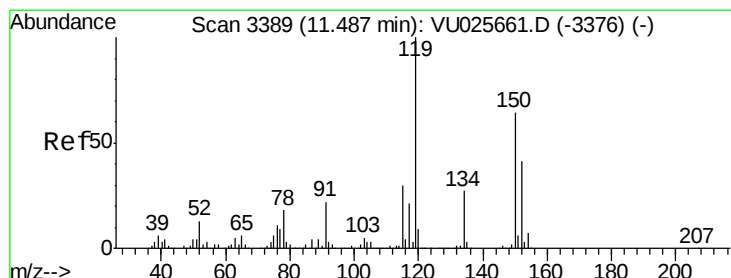
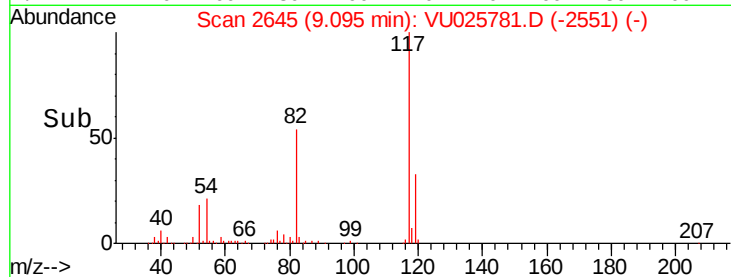
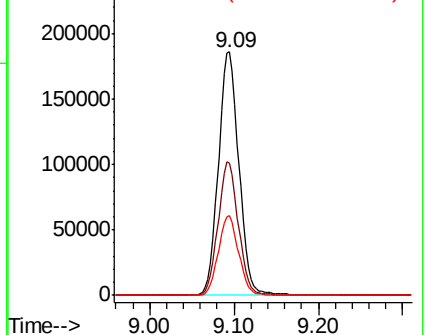
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025781.D
Acq: 01 Aug 2018 17:05

Instrument :
MSVOA_U
ClientSampleId :
GW-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	46.0	69.0
119	32.6	26.0	39.0

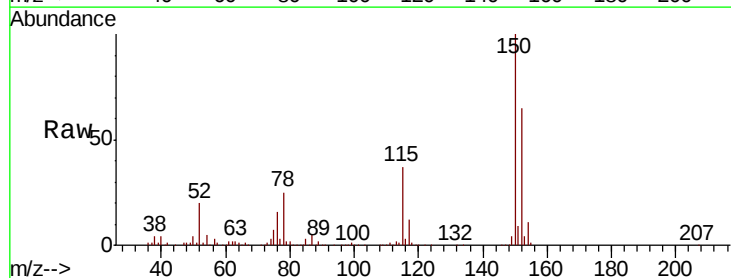


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

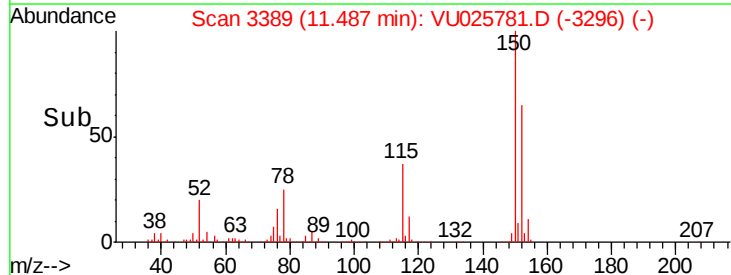
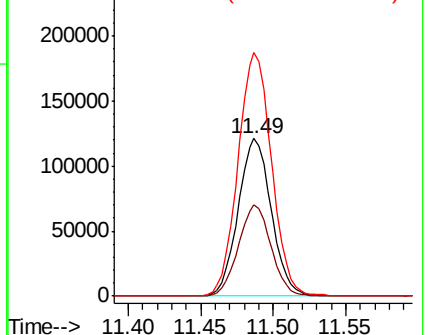


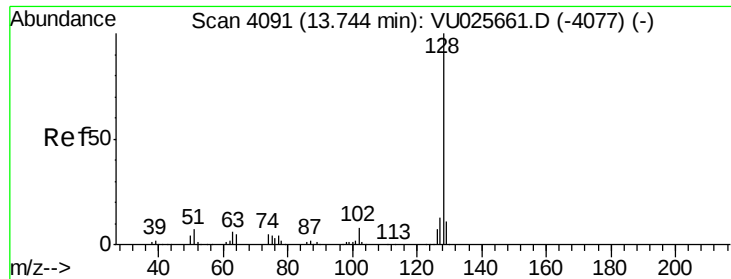
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025781.D
Acq: 01 Aug 2018 17:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	40.1	120.3
150	156.9	0.0	351.4



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





#95

Naphthalene

Concen: 6.217 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025781.D

Acq: 01 Aug 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

GW-01

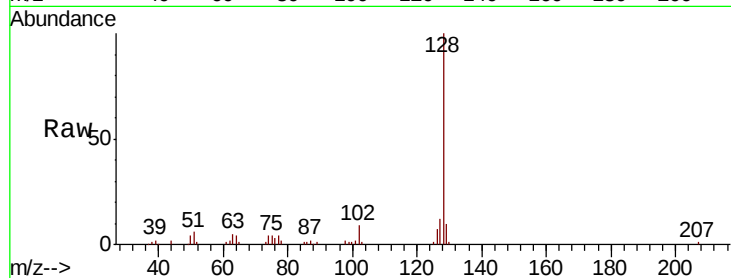
Tot Ion:128 Resp: 72809

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.4 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

