

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027183.D
 Acq On : 26 Sep 2018 17:24
 Operator : MD/SY
 Sample : J5049-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

Quant Time: Sep 27 13:51:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

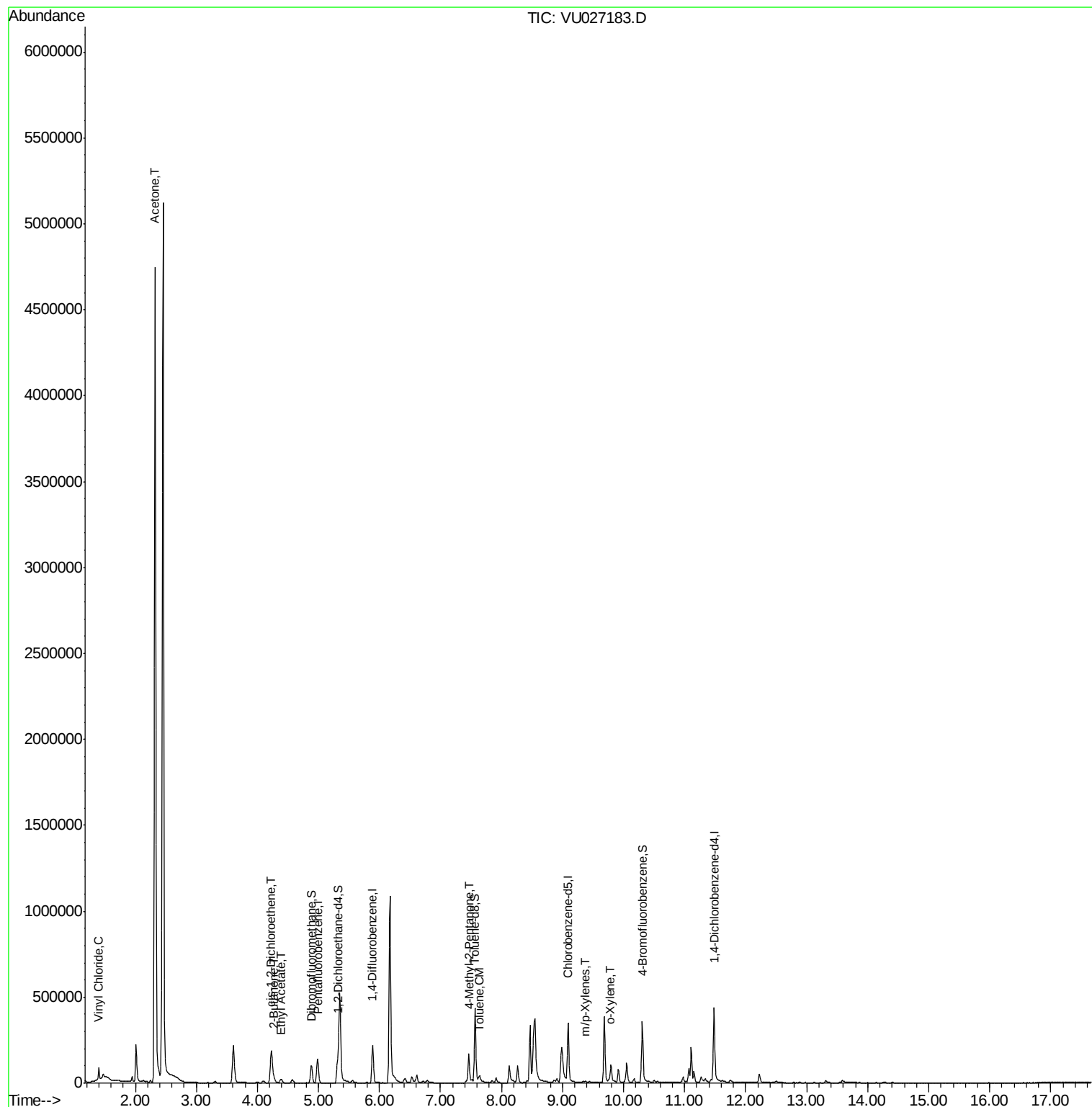
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	98041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166492	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	168377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	88108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	100084	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	4.89	113	69595	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	7.57	98	276595	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	10.31	95	100629	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	41224	20.011	ug/l	91
16) Acetone	2.32	43	5044048	5136.536	ug/l	99
25) 2-Butanone	4.27	43	50661	30.550	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	98164	60.124	ug/l	89
37) Ethyl Acetate	4.39	43	31327	10.414	ug/l #	80
51) 4-Methyl-2-Pentanone	7.46	43	123928	42.003	ug/l	97
52) Toluene	7.64	92	10290	2.658	ug/l	98
68) m/p-Xylenes	9.38	106	2112	2.200	ug/l	100
69) o-Xylene	9.78	106	1460	0.561	ug/l	88

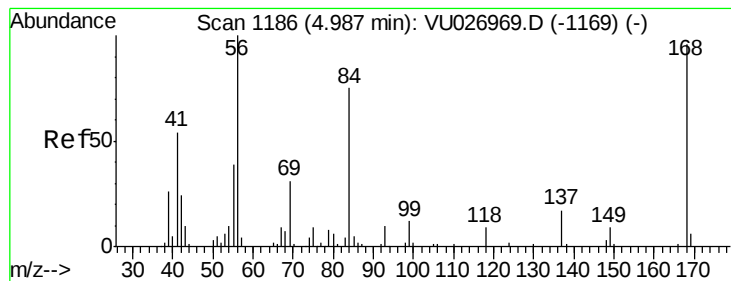
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 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: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

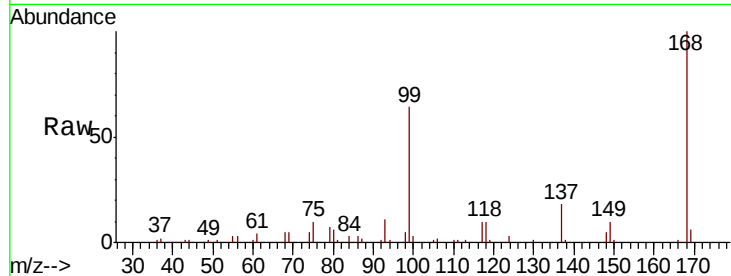
MW-53-SEP19

Tot Ion:168 Resp: 98041

Ion Ratio Lower Upper

168 100

99 63.8 48.1 72.1

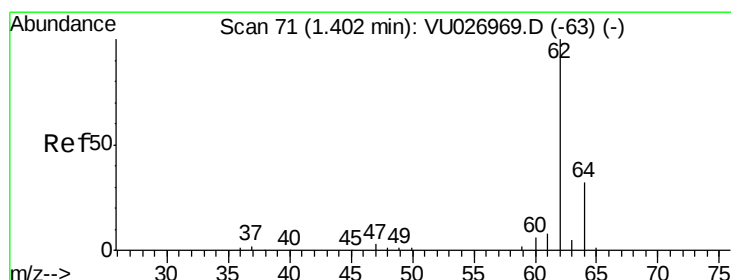
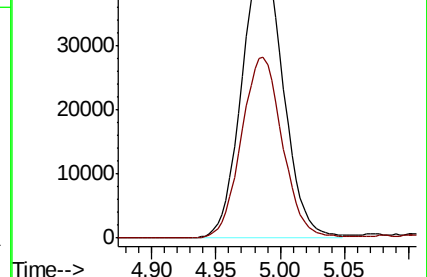
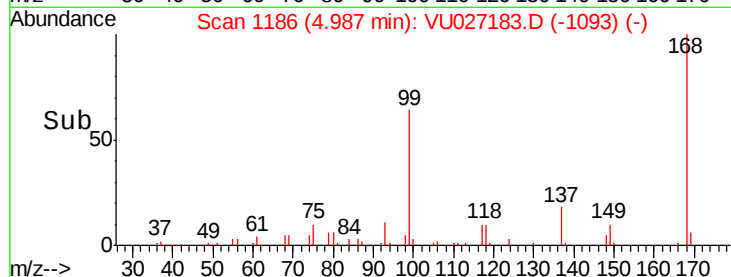


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

Time-->



#4

Vinyl Chloride

Concen: 20.011 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027183.D

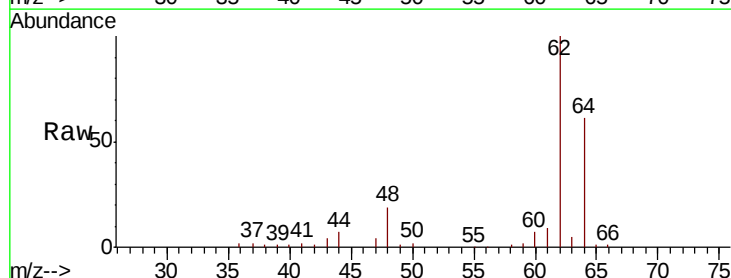
Acq: 26 Sep 2018 17:24

Tgt Ion: 62 Resp: 41224

Ion Ratio Lower Upper

62 100

64 36.9 25.5 38.3

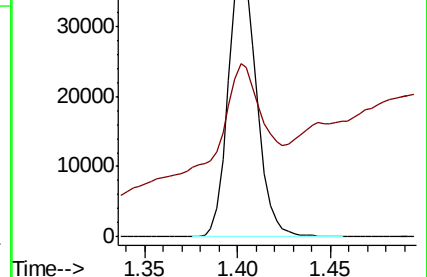
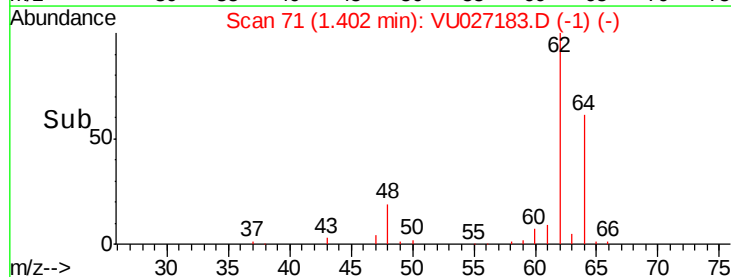


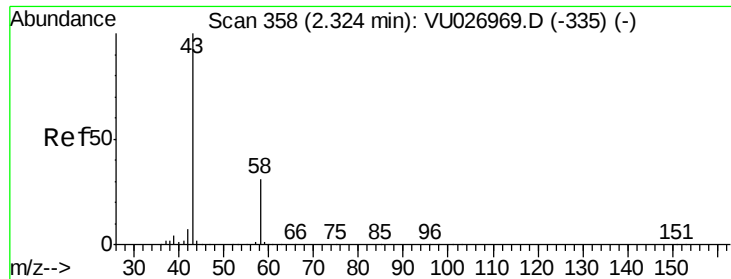
Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

1.40

Time-->





#16

Acetone

Concen: 5136.536 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

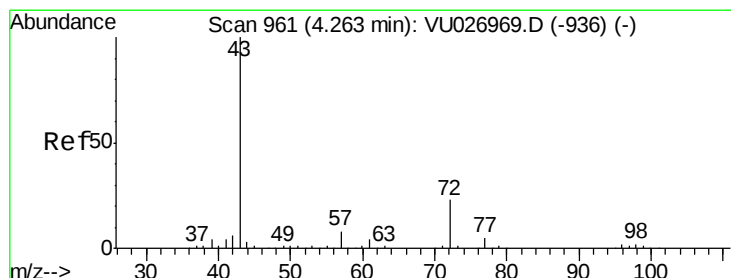
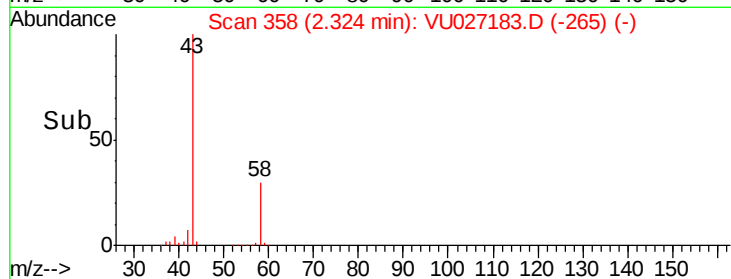
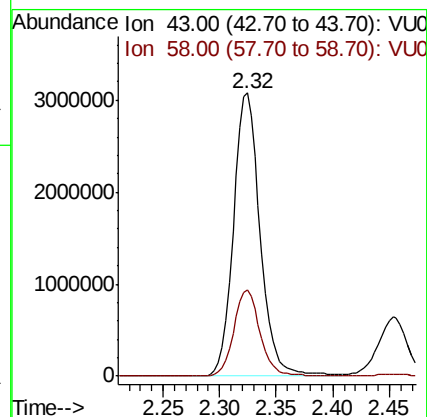
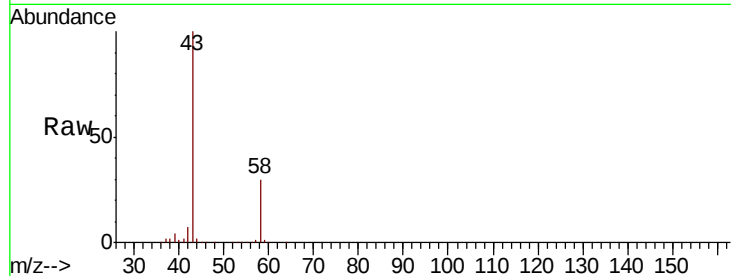
MW-53-SEP19

Tot Ion: 43 Resp: 5044048

Ion Ratio Lower Upper

43 100

58 30.3 24.6 36.8



#25

2-Butanone

Concen: 30.550 ug/l

RT: 4.27 min Scan# 963

Delta R.T. 0.01 min

Lab File: VU027183.D

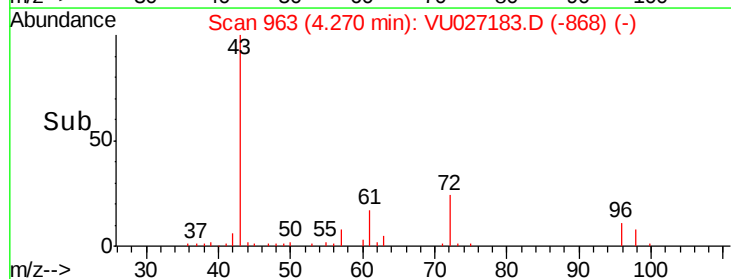
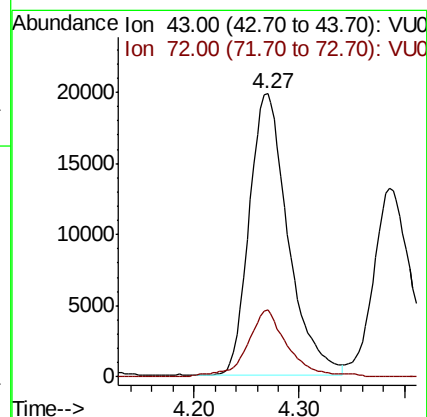
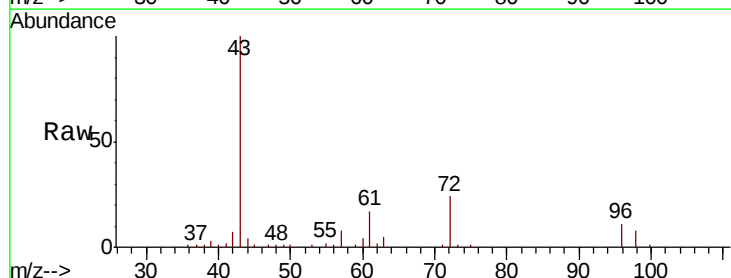
Acq: 26 Sep 2018 17:24

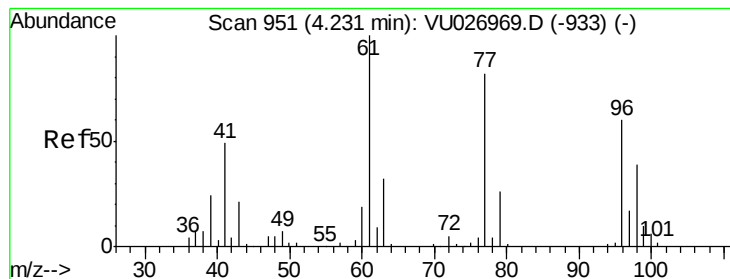
Tgt Ion: 43 Resp: 50661

Ion Ratio Lower Upper

43 100

72 23.2 18.4 27.6



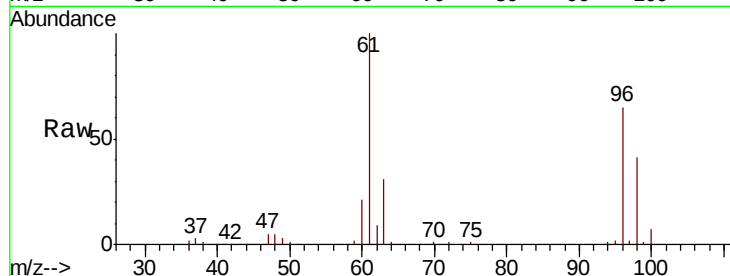


#27

cis-1,2-Dichloroethene
 Concen: 60.124 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

Tot Ion	96	Resp	98164
Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	337.2
98	62.9	0.0	127.6

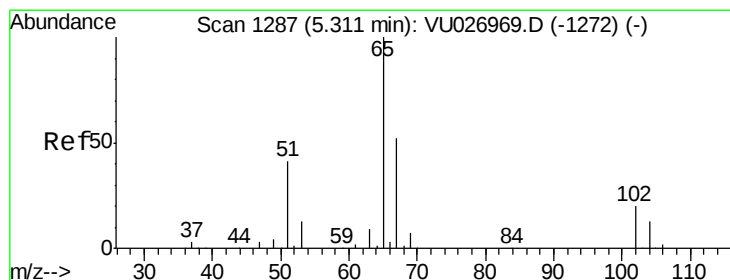
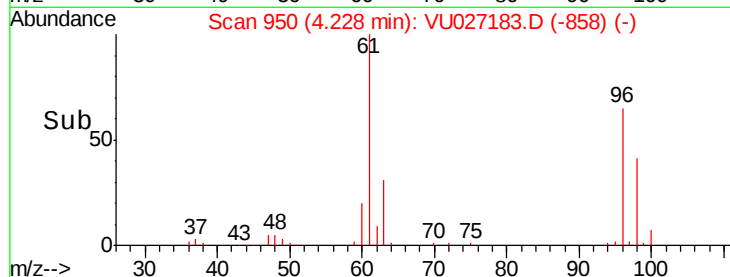
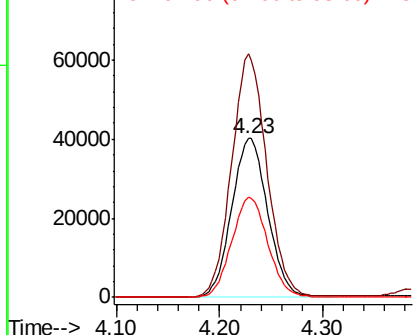


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

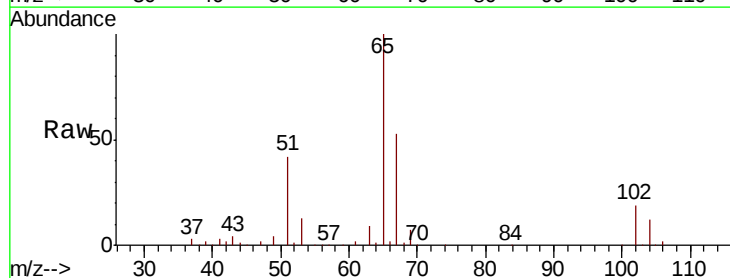
Ion 97.90 (97.60 to 98.60): VU0



#33

1,2-Dichloroethane-d4
 Concen: 50.721 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

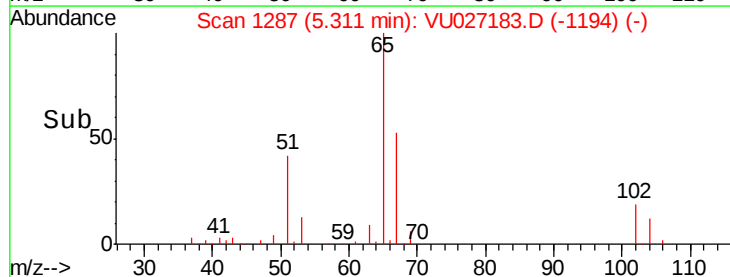
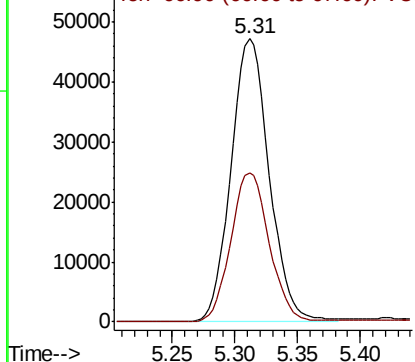
Tgt Ion	65	Resp	100084
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.6

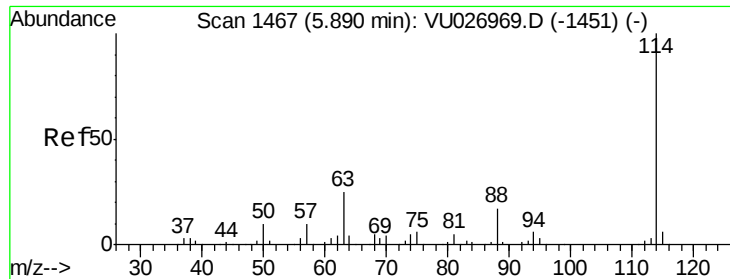


Abundance

Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

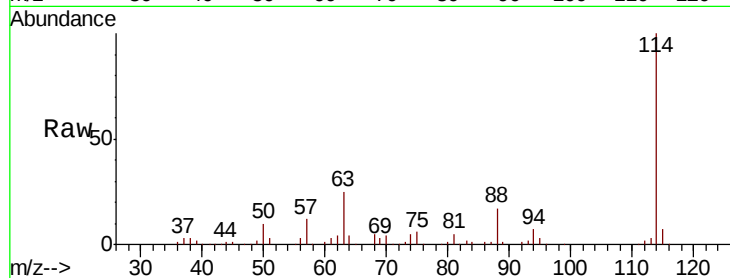




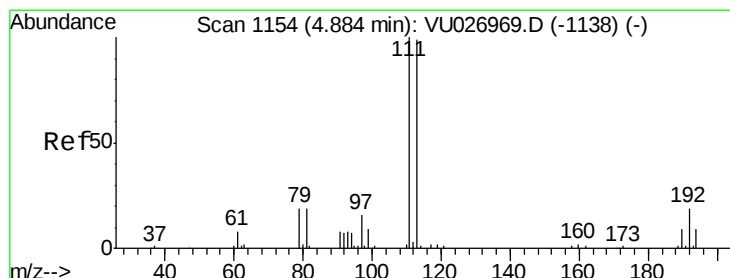
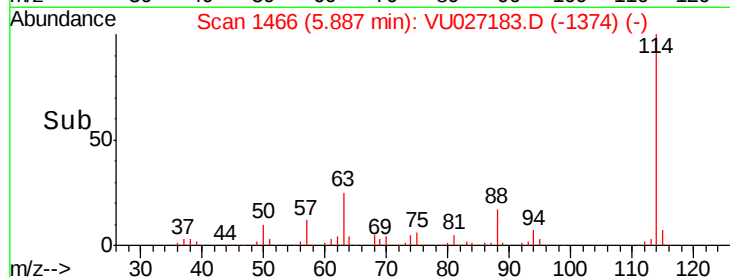
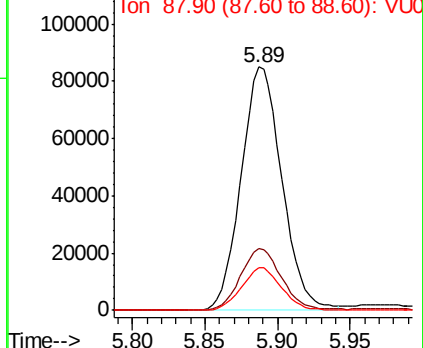
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

Tot Ion:114 Resp: 166492
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.5 0.0 33.8

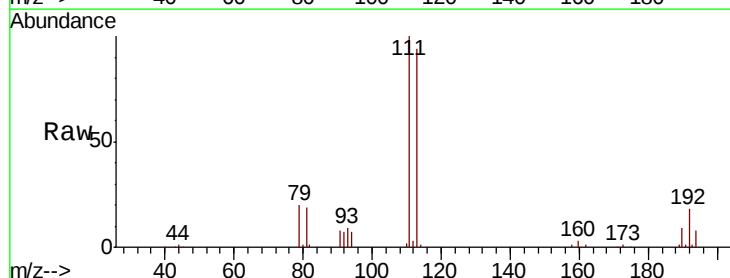


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

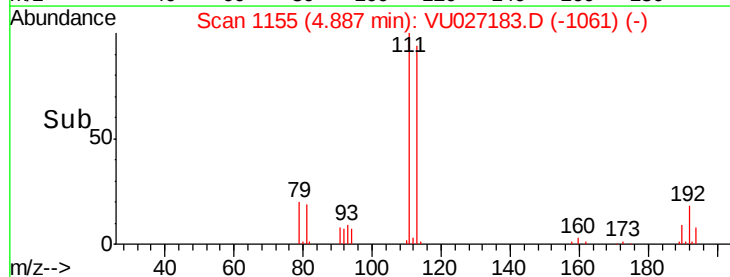
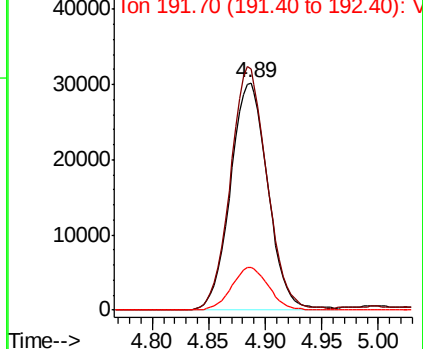


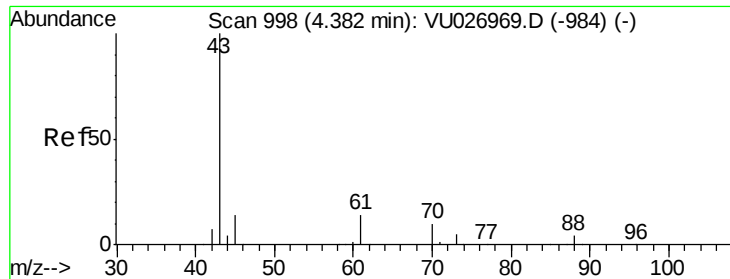
#35
 Dibromofluoromethane
 Concen: 48.224 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Tgt Ion:113 Resp: 69595
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.2 123.4
 192 18.4 15.2 22.8



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

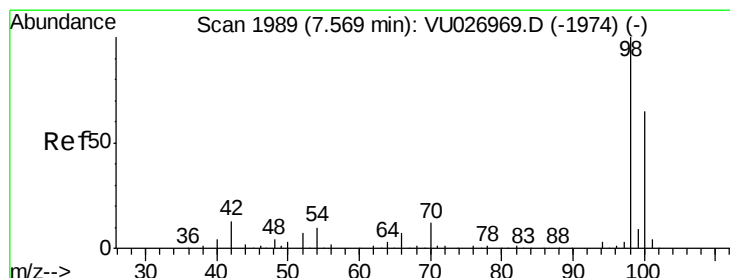
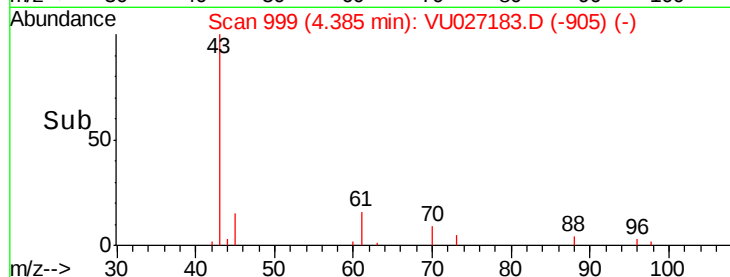
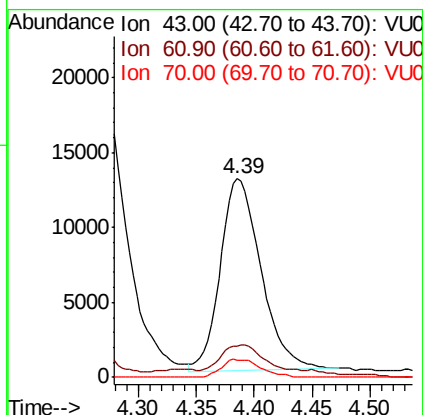
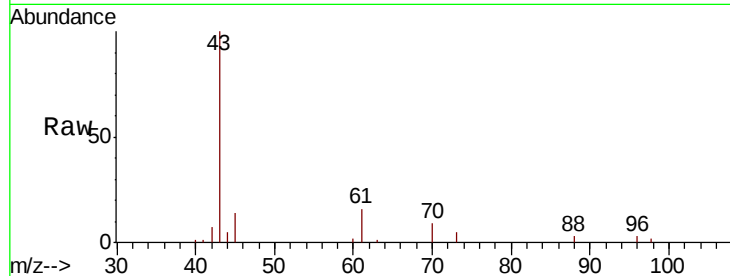




#37
Ethyl Acetate
Concen: 10.414 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.00 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

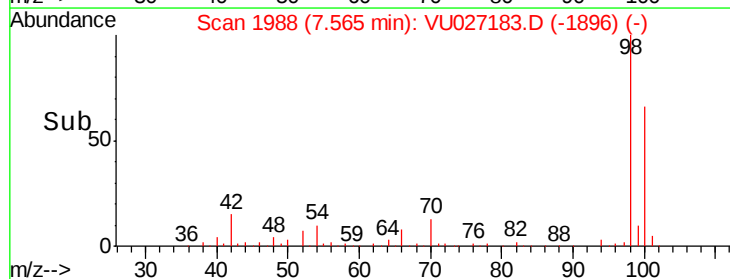
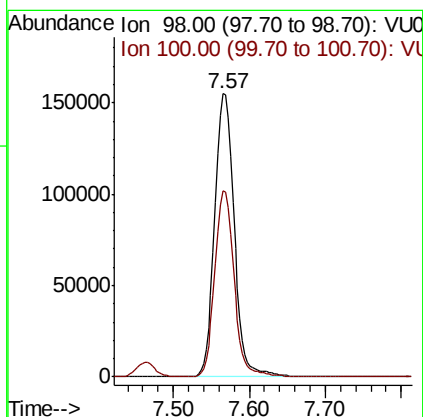
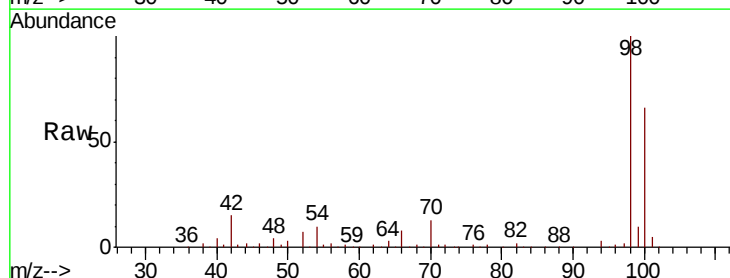
Instrument :
MSVOA_U
ClientSampleId :
MW-53-SEP19

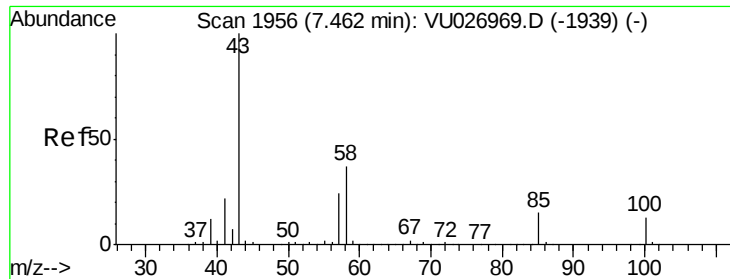
Tot Ion: 43 Resp: 31327
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 9.0 7.4 11.0



#50
Toluene-d8
Concen: 50.291 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027183.D
Acq: 26 Sep 2018 17:24

Tgt Ion: 98 Resp: 276595
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 42.003 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

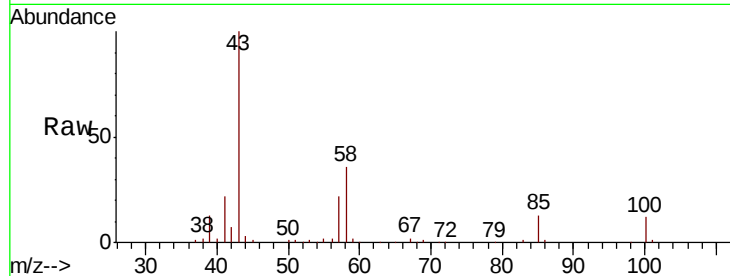
MW-53-SEP19

Tot Ion: 43 Resp: 123928

Ion Ratio Lower Upper

43 100

58 35.6 29.8 44.6

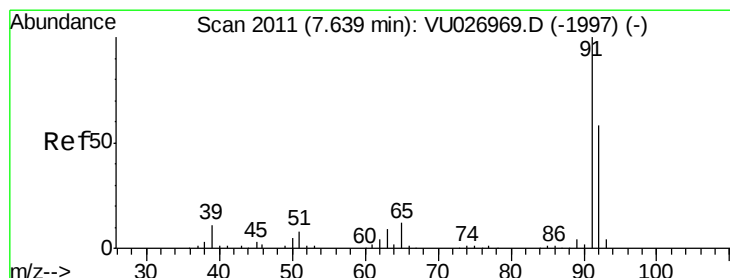
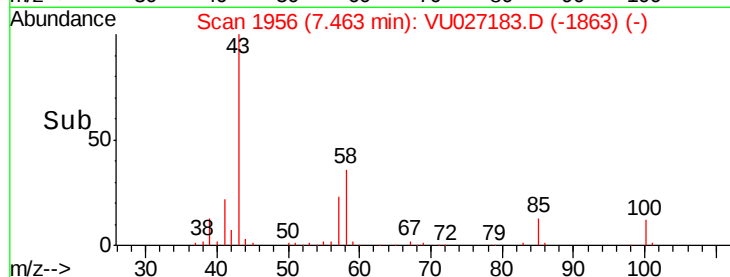


Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.46

Time-->



#52

Toluene

Concen: 2.658 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027183.D

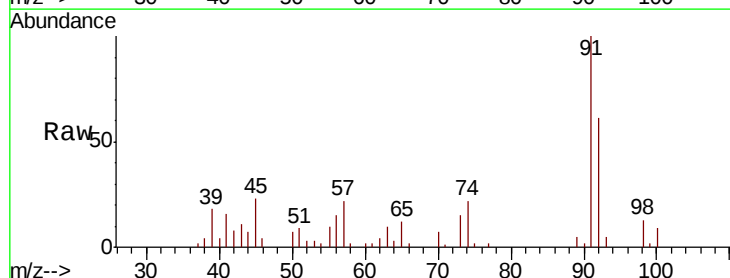
Acq: 26 Sep 2018 17:24

Tgt Ion: 92 Resp: 10290

Ion Ratio Lower Upper

92 100

91 173.3 136.4 204.6

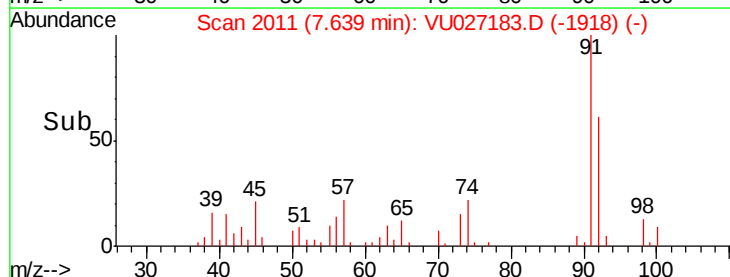


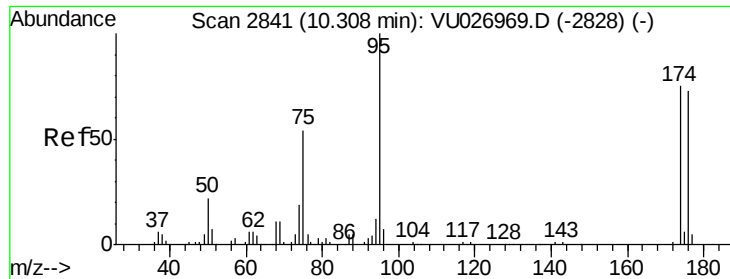
Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

7.64

Time-->

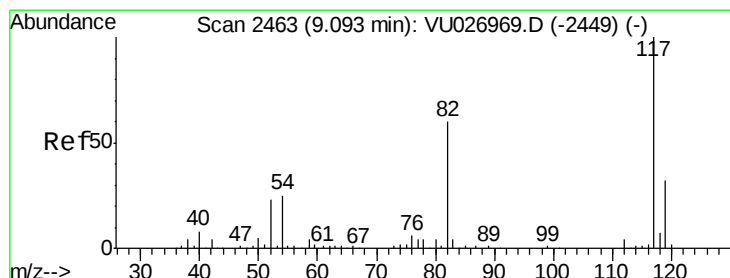
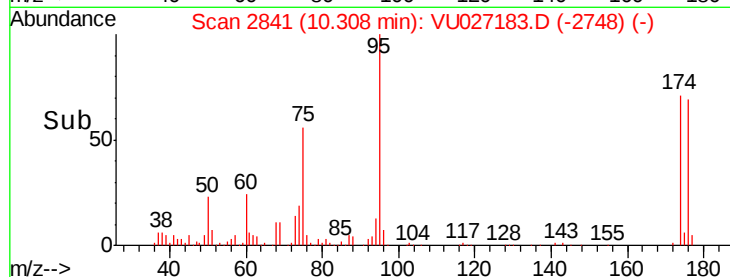
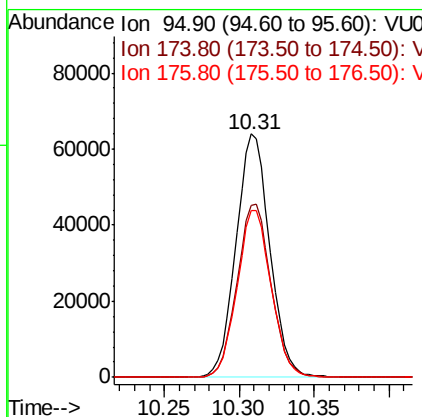
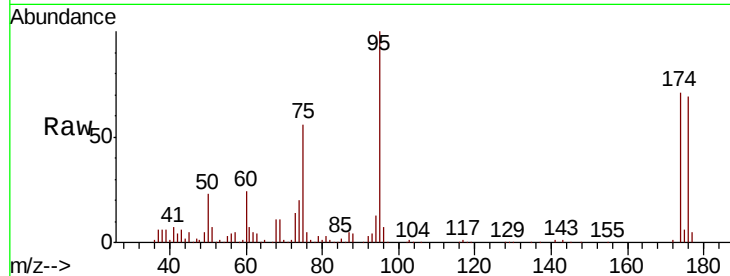




#62
 4-Bromofluorobenzene
 Concen: 53.322 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

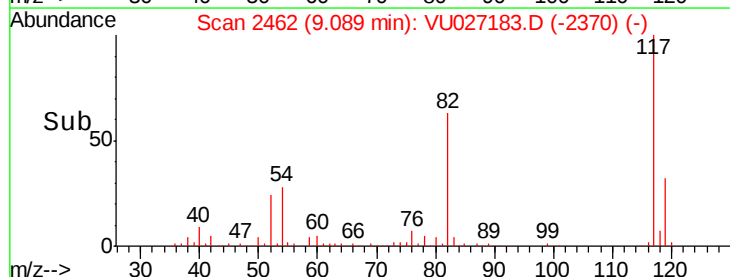
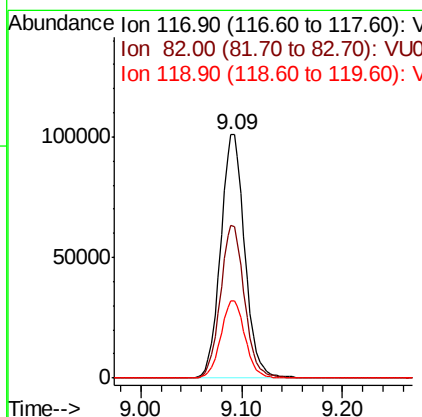
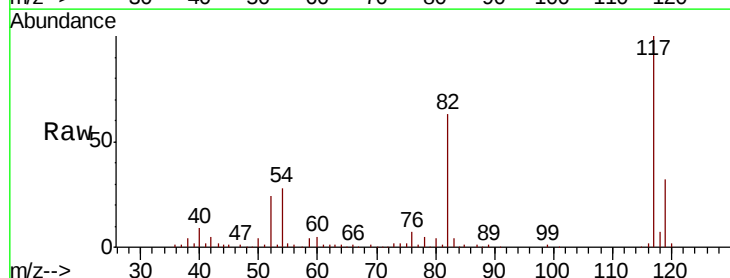
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

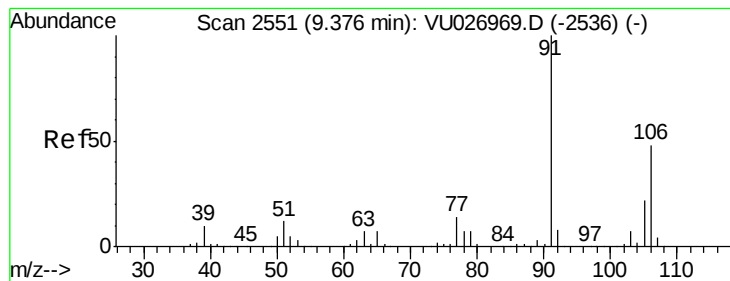
Tot Ion	95	Resp	100629
Ion Ratio	Lower	Upper	
95	100		
174	71.7	0.0	150.2
176	69.3	0.0	145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027183.D
 Acq: 26 Sep 2018 17:24

Tgt Ion	117	Resp	168377
Ion Ratio	Lower	Upper	
117	100		
82	63.0	48.0	72.0
119	31.8	25.8	38.8





#68

m/p-Xylenes

Concen: 2.200 ug/l

RT: 9.38 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VU027183.D

Acq: 26 Sep 2018 17:24

Instrument :

MSVOA_U

ClientSampleId :

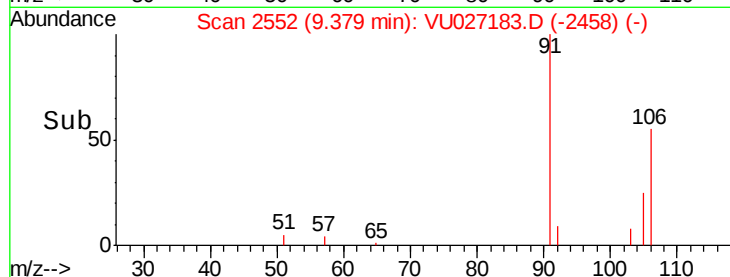
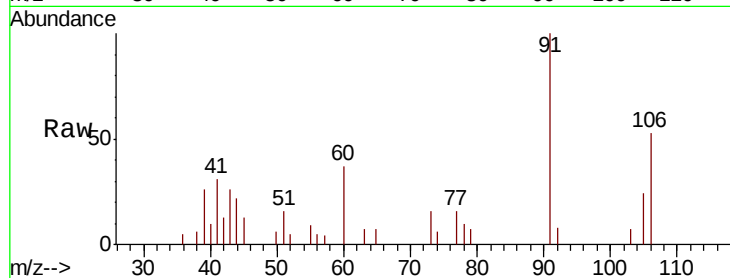
MW-53-SEP19

Tot Ion:106 Resp: 2112

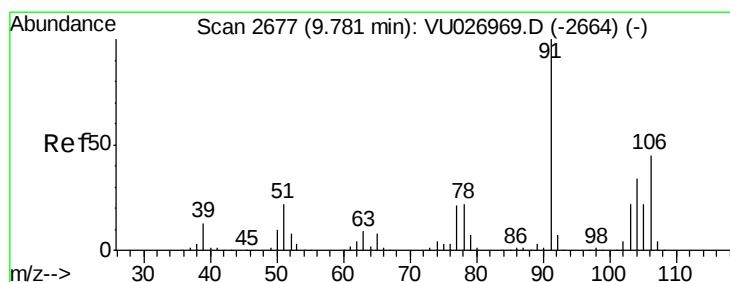
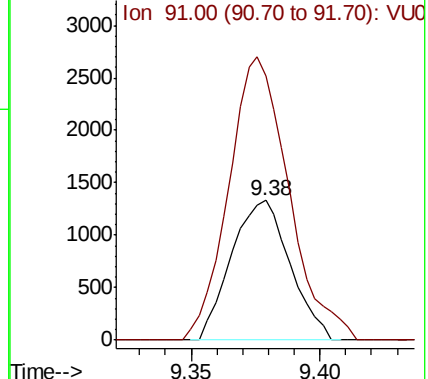
Ion Ratio Lower Upper

106 100

91 207.4 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 0.561 ug/l

RT: 9.78 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VU027183.D

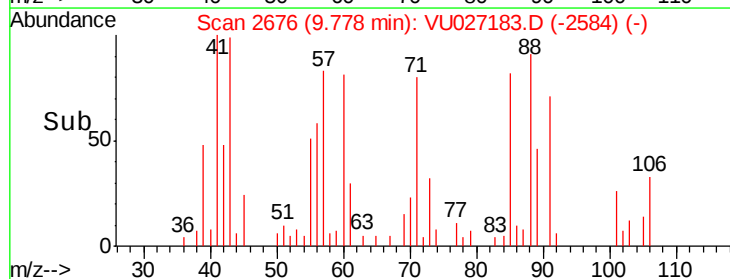
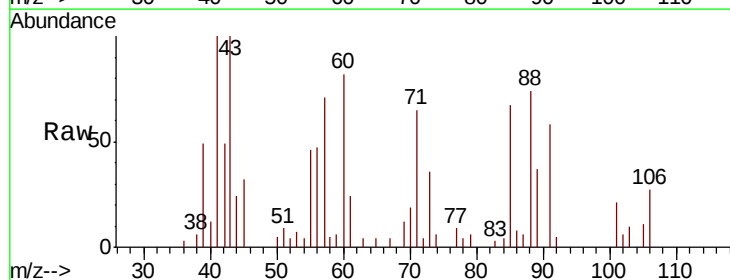
Acq: 26 Sep 2018 17:24

Tgt Ion:106 Resp: 1460

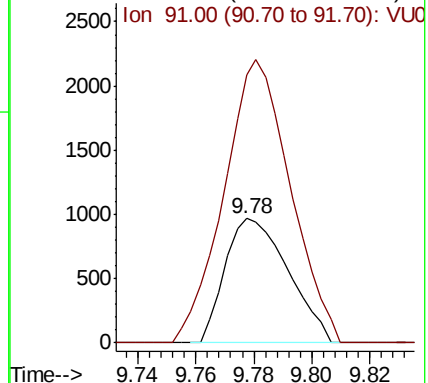
Ion Ratio Lower Upper

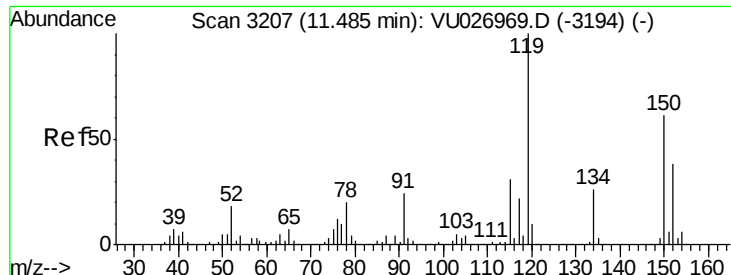
106 100

91 239.3 110.2 330.6



Abundance Ion 106.00 (105.70 to 106.70): 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: VU027183.D
 Acq: 26 Sep 2018 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-53-SEP19

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.9	134.5
150	160.4	0.0	355.8

