

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027106.D
 Acq On : 24 Sep 2018 14:12
 Operator : MD/SY
 Sample : J4969-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW02I-20180917

Quant Time: Sep 25 01:35:03 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	94361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158064	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	98755	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
35) Dibromofluoromethane	4.89	113	67738	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	7.57	98	254830	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	10.31	95	81033	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

Target Compounds

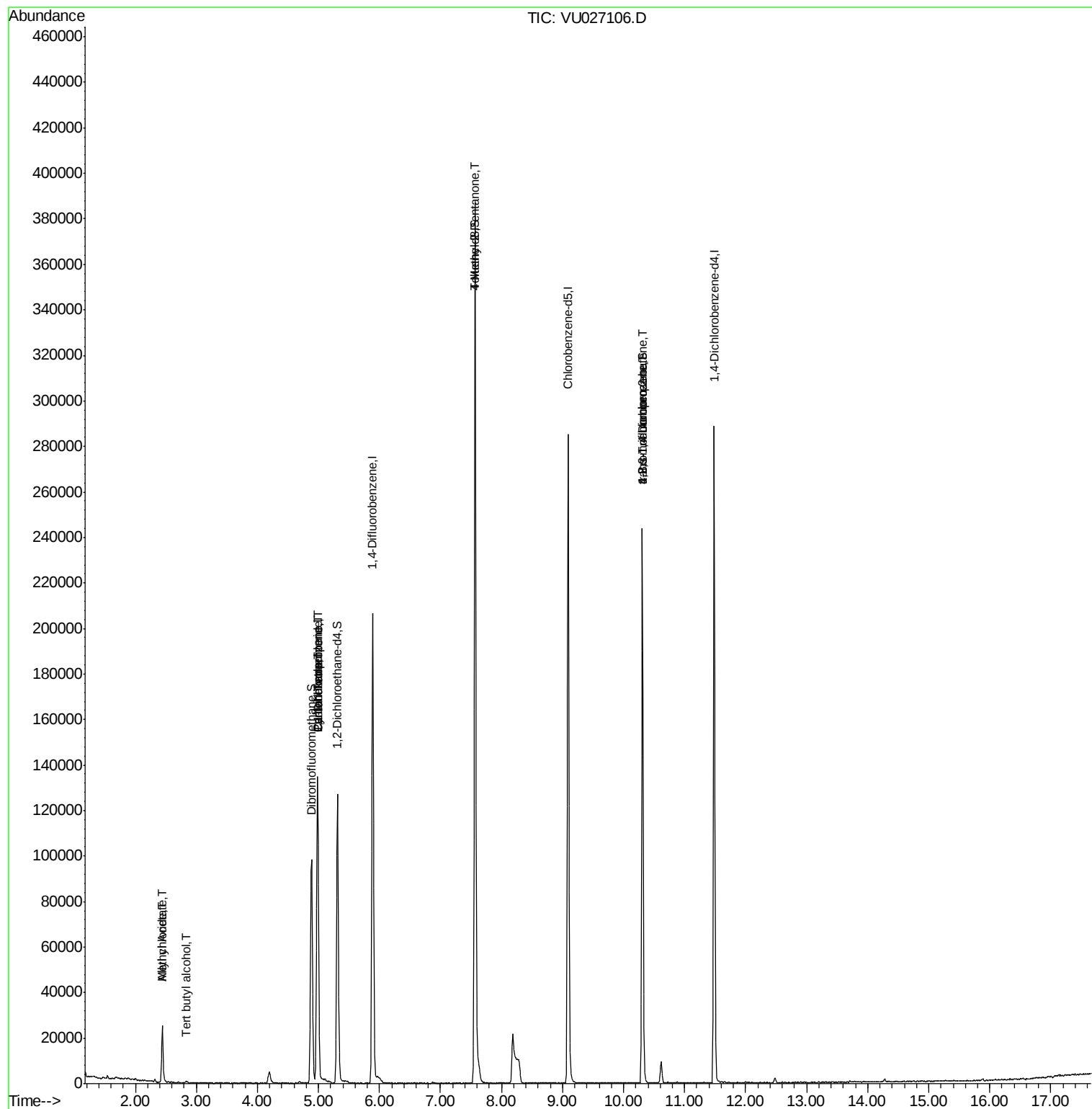
					Qvalue	
11) Tert butyl alcohol	2.84	59	338	0.776	ug/l #	72
14) Allyl chloride	2.44	41	2543	0.962	ug/l #	74
16) Acetone	2.32	43	1401	Below Cal		89
18) Methyl Acetate	2.44	43	6512	2.409	ug/l #	55
31) Cyclohexane	4.99	56	2488	0.307	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8558	4.057	ug/l #	51
38) Carbon Tetrachloride	4.98	117	9616	4.790	ug/l #	19
51) 4-Methyl-2-Pentanone	7.57	43	1213	0.433	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	43690	21.204	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	43690	67.857	ug/l #	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
Data File : VU027106.D
Acq On : 24 Sep 2018 14:12
Operator : MD/SY
Sample : J4969-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
FT-MW02I-20180917

Quant Time: Sep 25 01:35:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
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: VU027106.D

Acq: 24 Sep 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

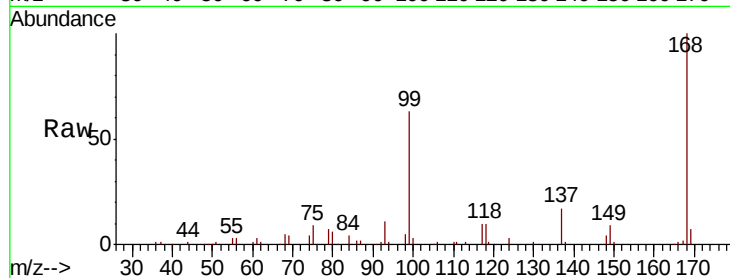
FT-MW02I-20180917

Tgt Ion:168 Resp: 94361

Ion Ratio Lower Upper

168 100

99 62.7 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU027106.D (-1093) (-)

4.99

40000

30000

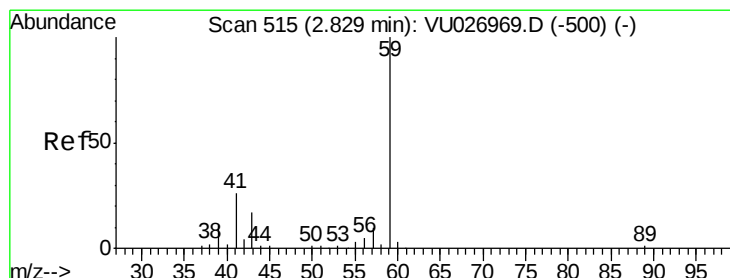
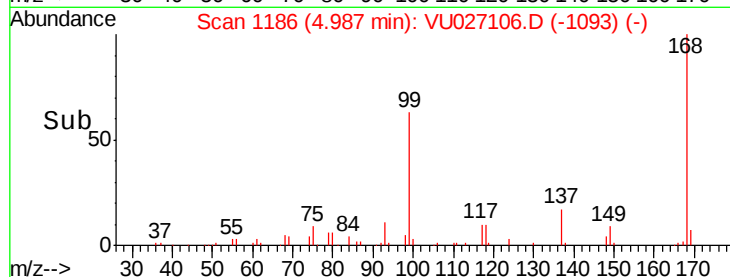
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#11

Tert butyl alcohol

Concen: 0.776 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU027106.D

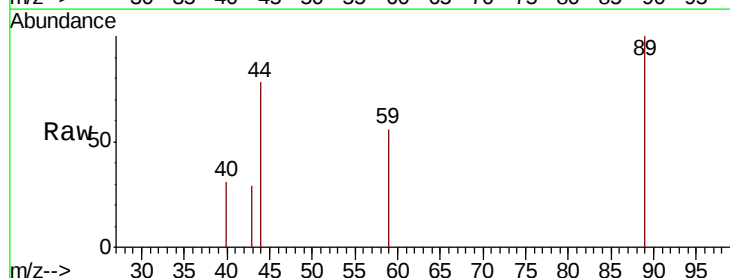
Acq: 24 Sep 2018 14:12

Tgt Ion: 59 Resp: 338

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU027106.D (-422) (-)

2.84

200

150

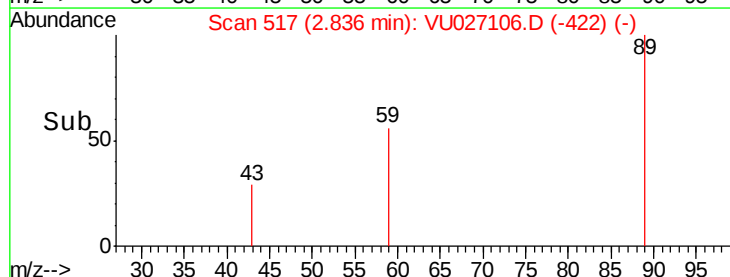
100

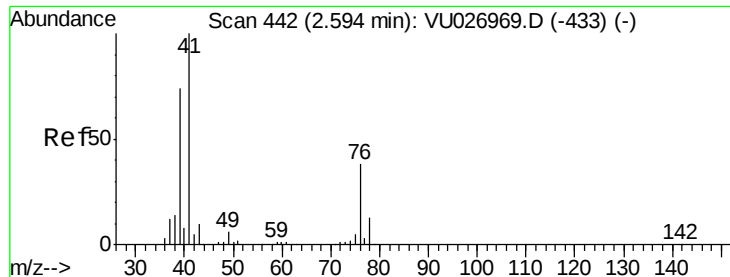
50

0

2.80 2.82 2.84 2.86

Time-->





#14

Allyl chloride

Concen: 0.962 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.15 min

Lab File: VU027106.D

Acq: 24 Sep 2018 14:12

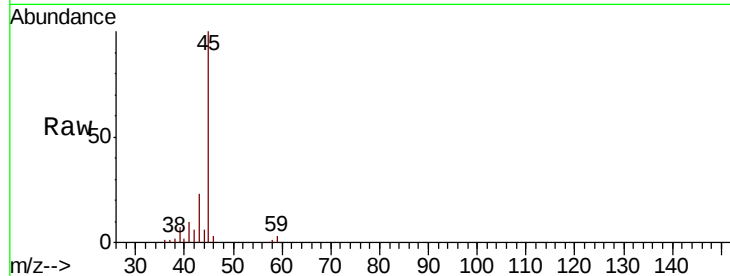
Instrument :

MSVOA_U

ClientSampleId :

FT-MW02I-20180917

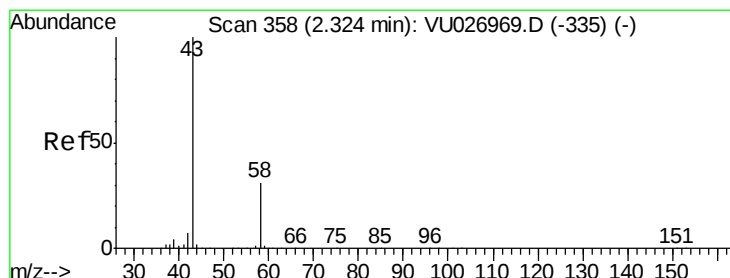
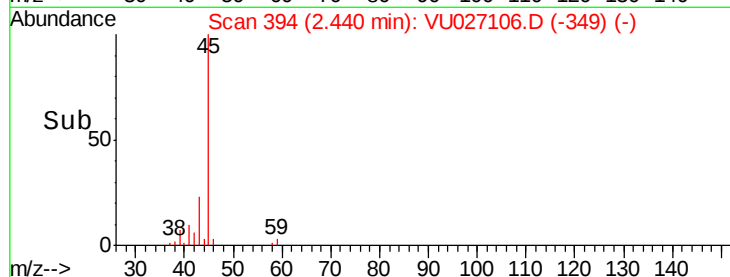
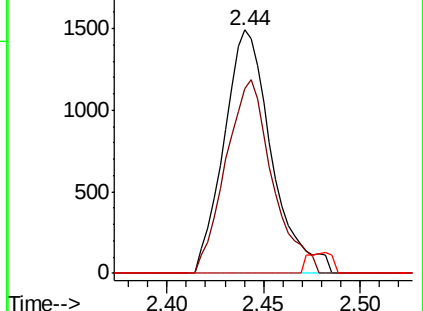
Tgt Ion:	41	Resp:	2543
Ion	Ratio	Lower	Upper
41	100		
39	78.1	55.7	83.5
76	0.0	26.5	39.7#



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0



#16

Acetone

Concen: Below Cal

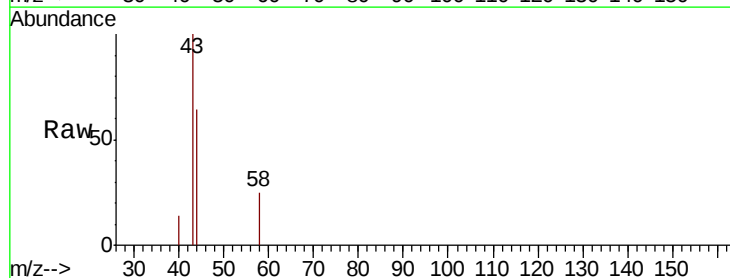
RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027106.D

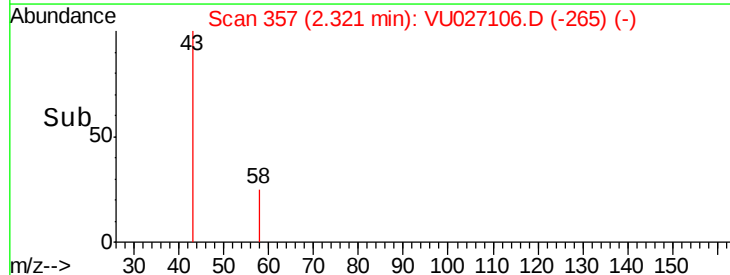
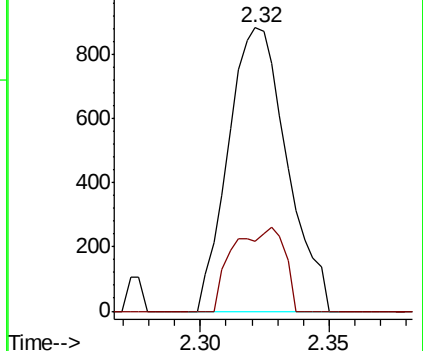
Acq: 24 Sep 2018 14:12

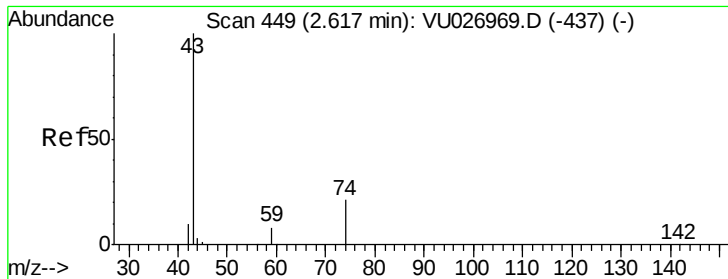
Tgt Ion:	43	Resp:	1401
Ion	Ratio	Lower	Upper
43	100		
58	24.8	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

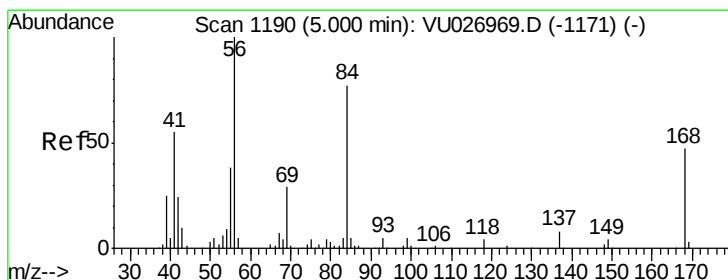
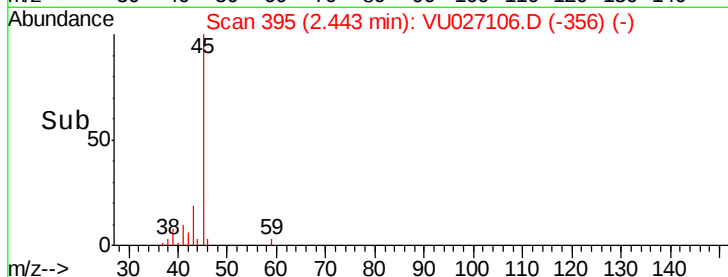
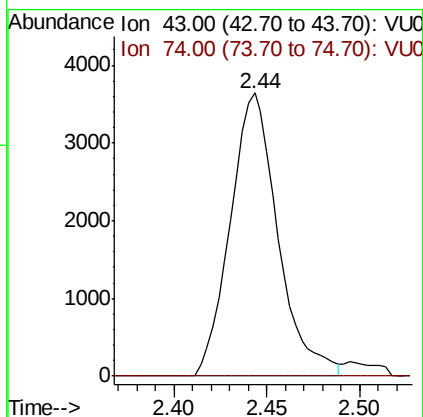
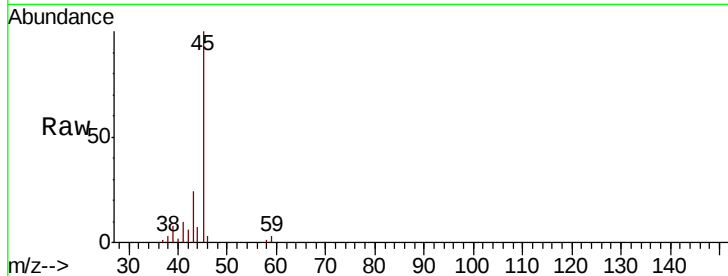




#18
Methyl Acetate
Concen: 2.409 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027106.D
Acq: 24 Sep 2018 14:12

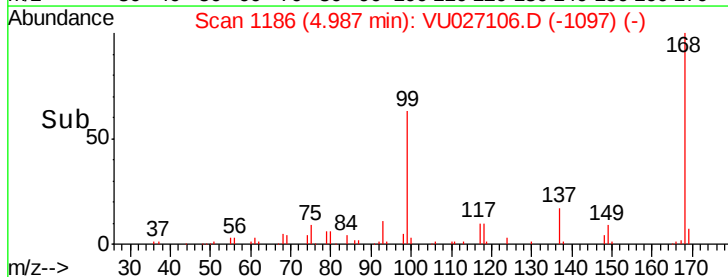
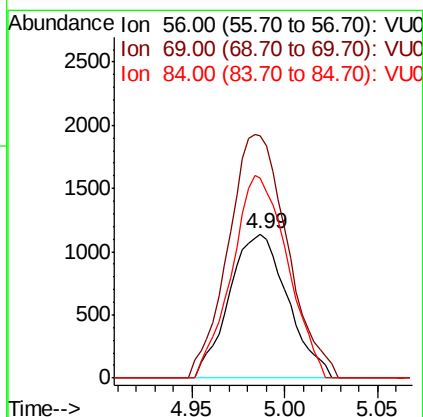
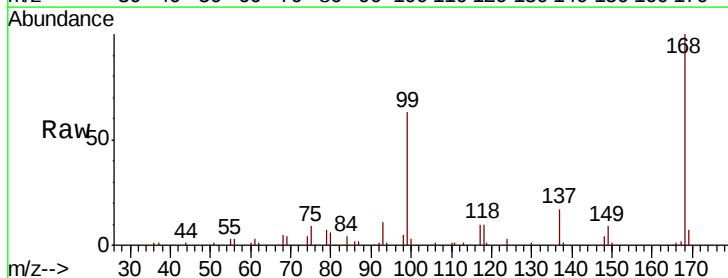
Instrument :
MSVOA_U
ClientSampleId :
FT-MW02I-20180917

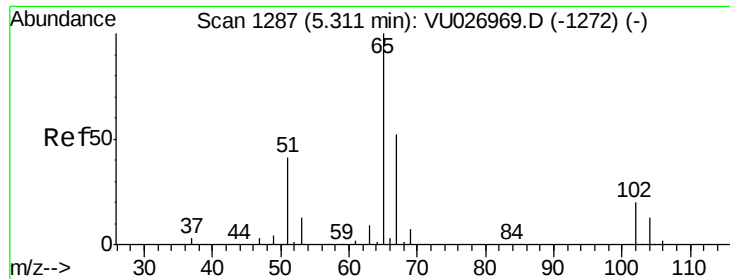
Tgt Ion: 43 Resp: 6512
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.307 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027106.D
Acq: 24 Sep 2018 14:12

Tgt Ion: 56 Resp: 2488
Ion Ratio Lower Upper
56 100
69 168.3 23.0 34.4#
84 139.0 61.4 92.2#

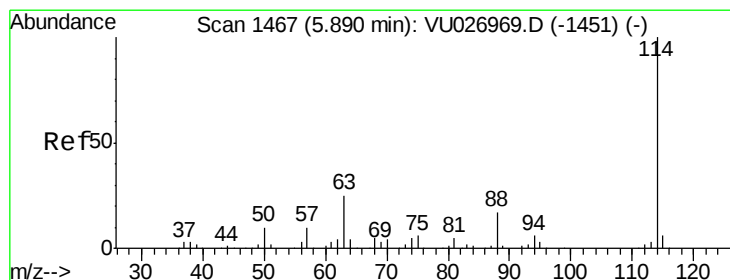
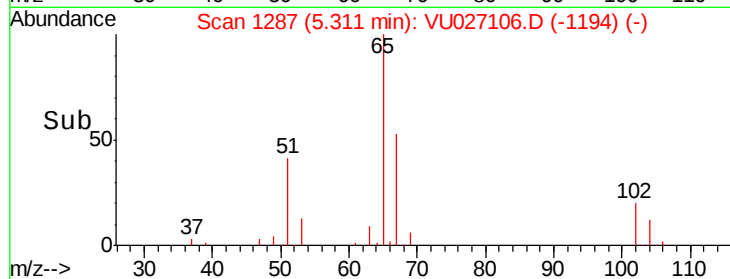
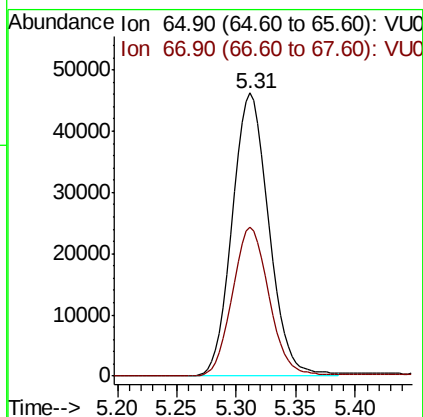
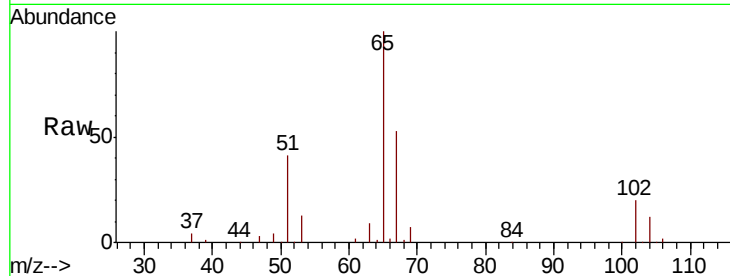




#33
 1,2-Dichloroethane-d4
 Concen: 51.999 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027106.D
 Acq: 24 Sep 2018 14:12

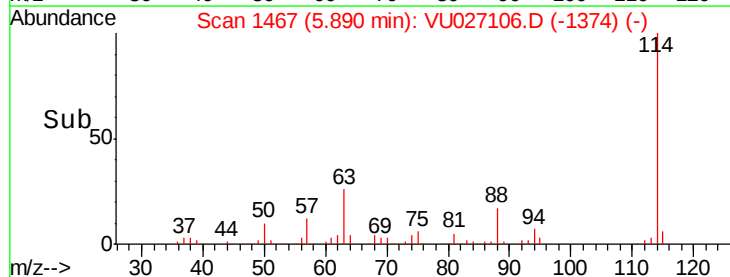
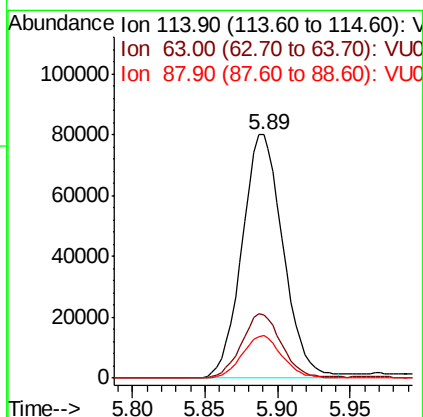
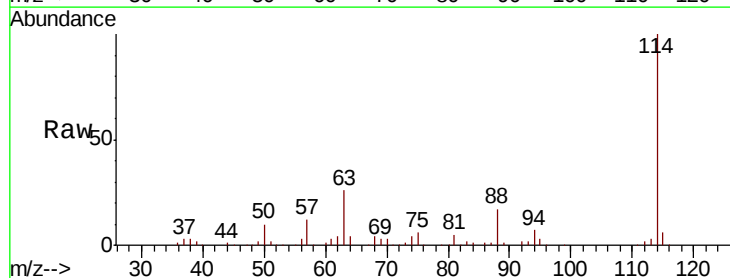
Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW02I-20180917

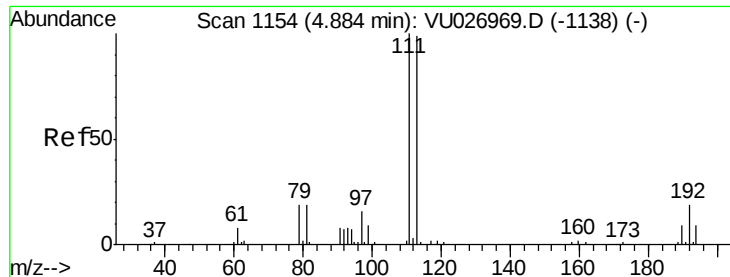
Tgt Ion: 65 Resp: 98755
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027106.D
 Acq: 24 Sep 2018 14:12

Tgt Ion: 114 Resp: 158064
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 49.2
 88 17.3 0.0 33.8

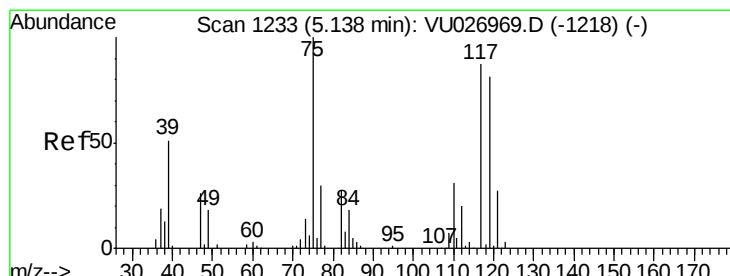
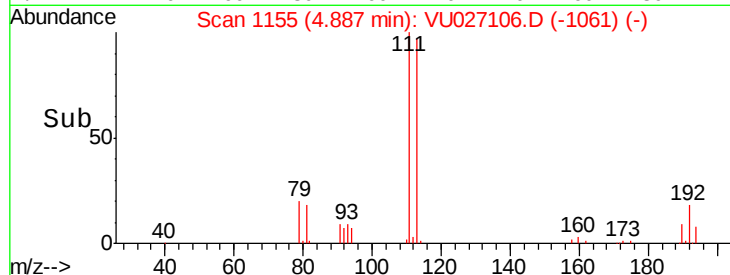
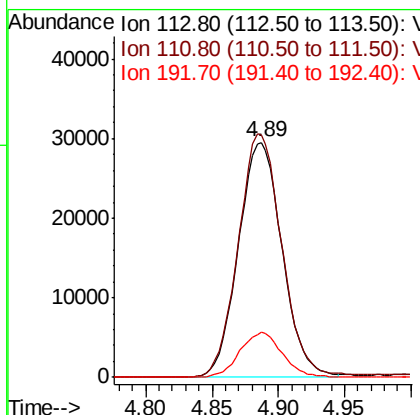
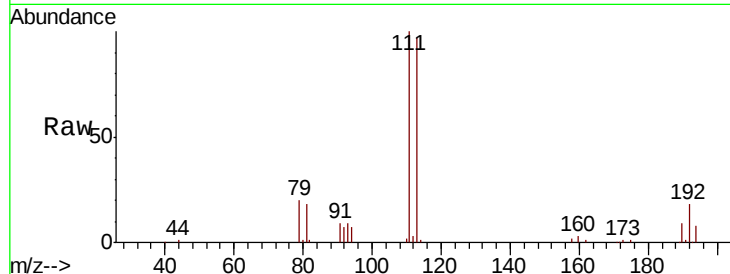




#35
 Dibromofluoromethane
 Concen: 49.440 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027106.D
 Acq: 24 Sep 2018 14:12

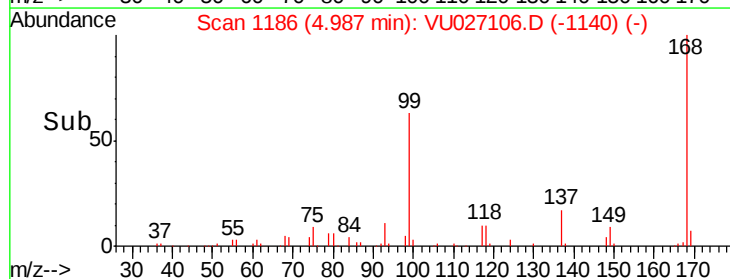
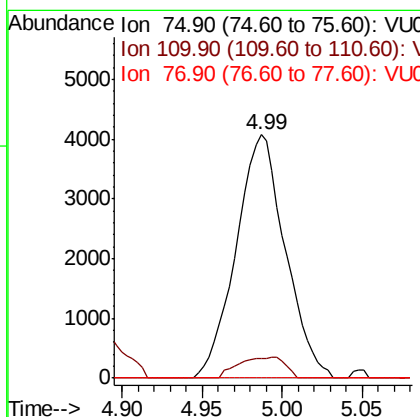
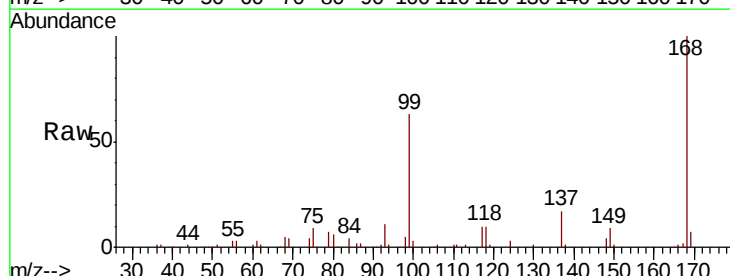
Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW02I-20180917

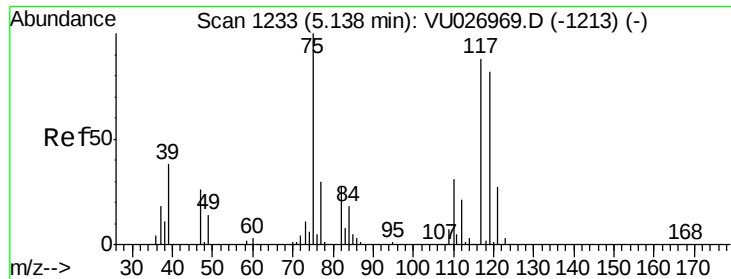
Tgt Ion:113 Resp: 67738
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.4
 192 18.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.057 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027106.D
 Acq: 24 Sep 2018 14:12

Tgt Ion: 75 Resp: 8558
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.1 48.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.790 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027106.D

Acq: 24 Sep 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

FT-MW02I-20180917

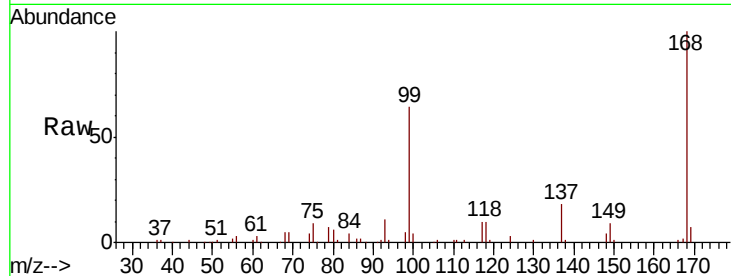
Tgt Ion:117 Resp: 9616

Ion Ratio Lower Upper

117 100

119 7.1 74.4 111.6#

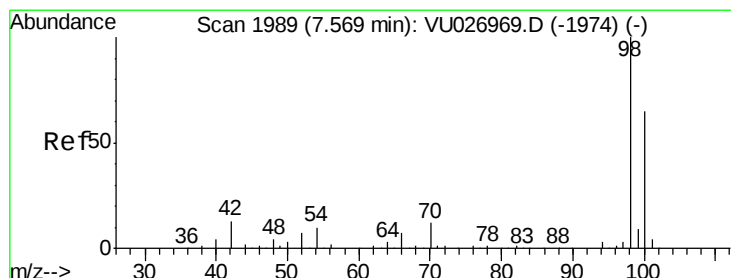
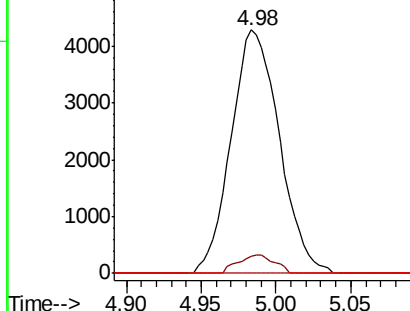
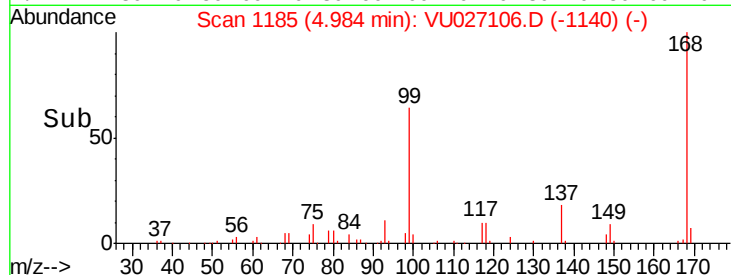
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.804 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027106.D

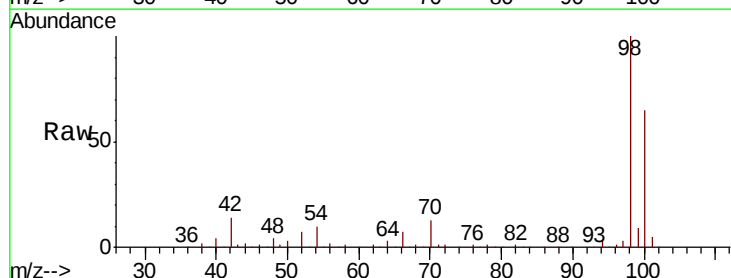
Acq: 24 Sep 2018 14:12

Tgt Ion: 98 Resp: 254830

Ion Ratio Lower Upper

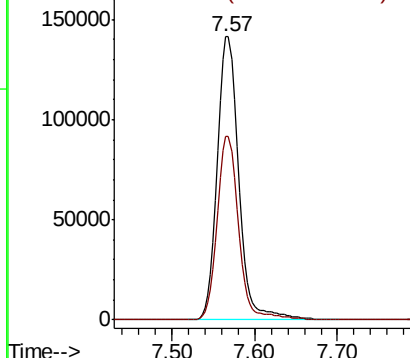
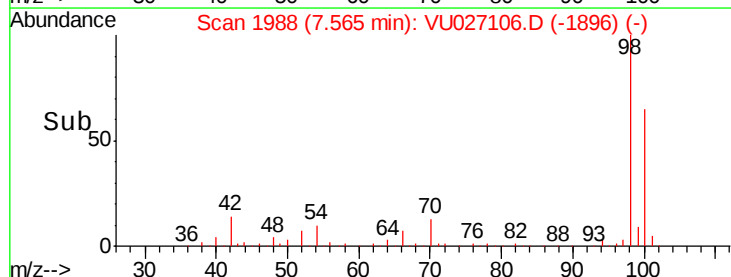
98 100

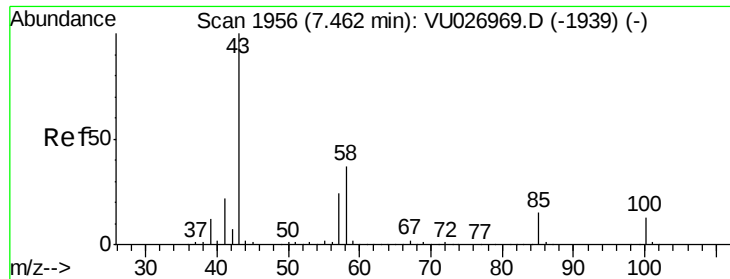
100 64.6 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

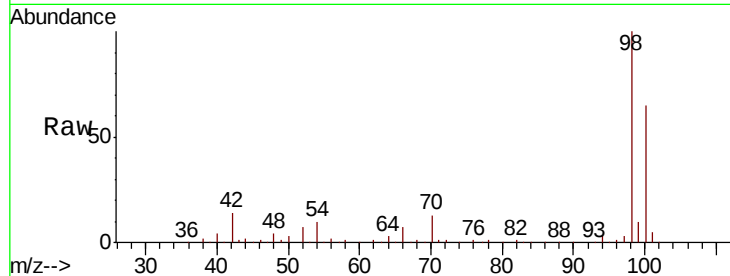




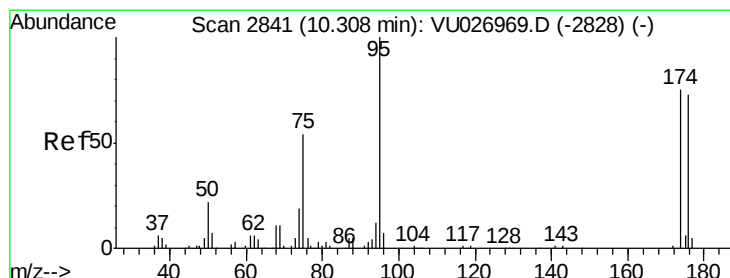
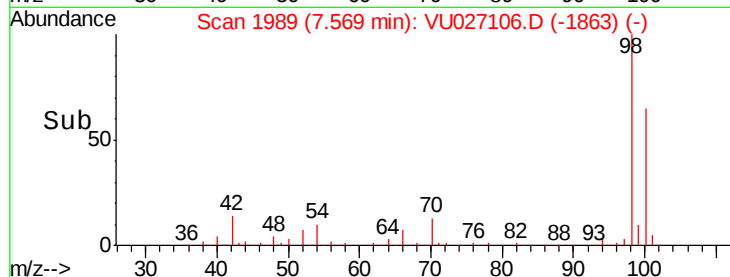
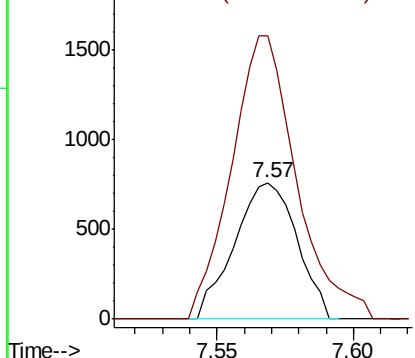
#51
4-Methyl-2-Pentanone
Concen: 0.433 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU027106.D
Acq: 24 Sep 2018 14:12

Instrument :
MSVOA_U
ClientSampleId :
FT-MW02I-20180917

Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 215.5 29.8 44.6#

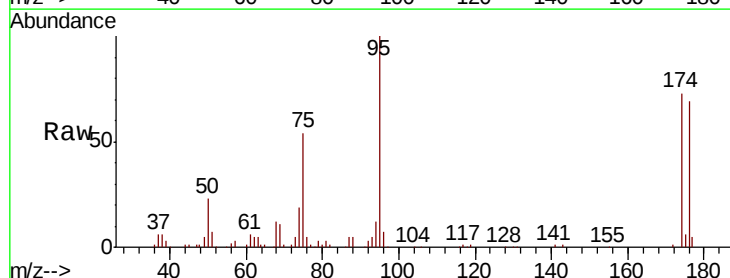


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

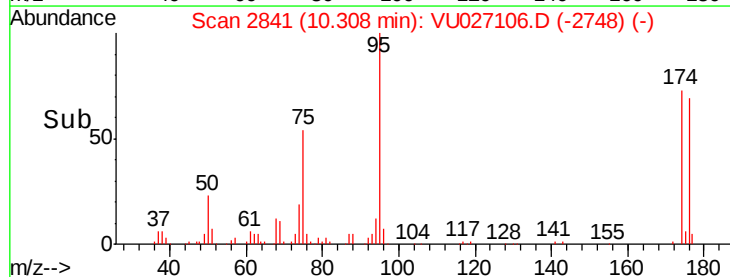
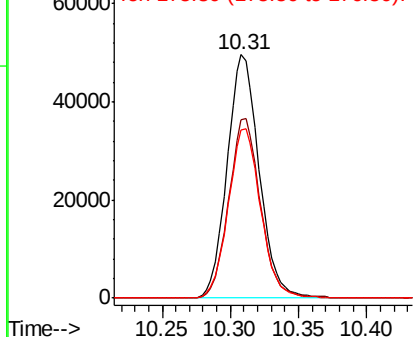


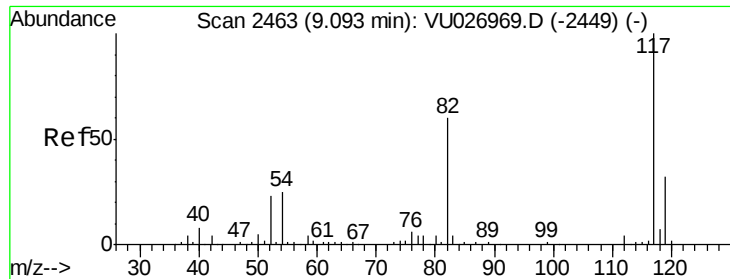
#62
4-Bromofluorobenzene
Concen: 45.228 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027106.D
Acq: 24 Sep 2018 14:12

Tgt Ion: 95 Resp: 81033
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.2
176 70.2 0.0 145.2



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

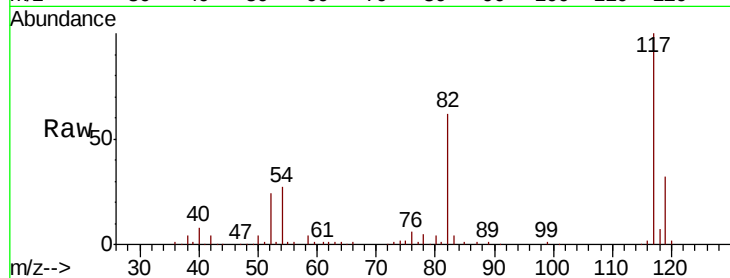




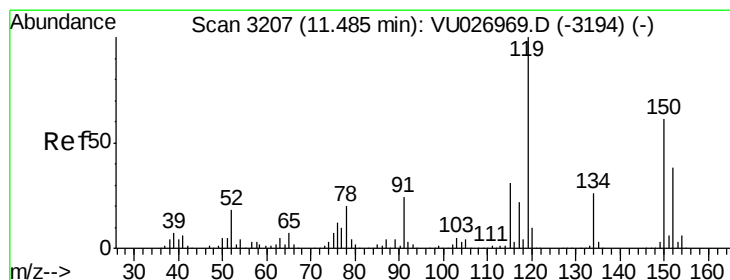
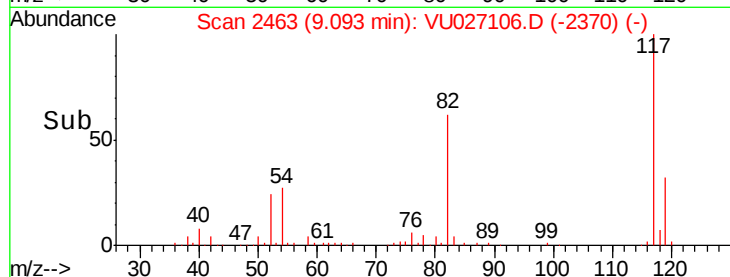
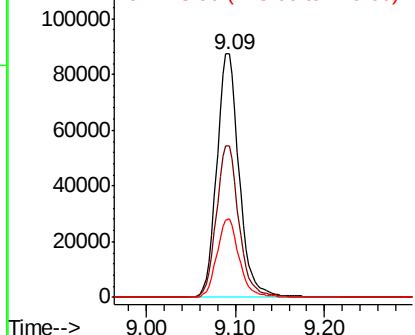
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027106.D
Acq: 24 Sep 2018 14:12

Instrument :
MSVOA_U
ClientSampleId :
FT-MW02I-20180917

Tgt Ion:117 Resp: 151693
Ion Ratio Lower Upper
117 100
82 62.1 48.0 72.0
119 32.1 25.8 38.8

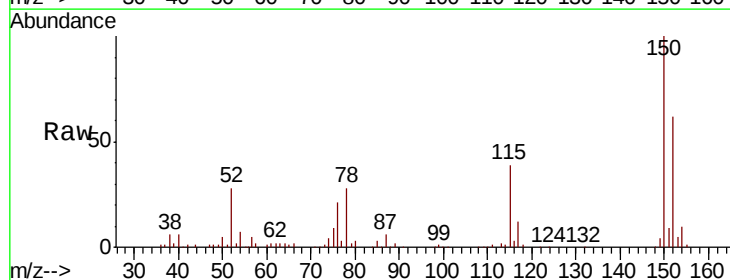


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027106.D (-2370) (-)
Ion 118.90 (118.60 to 119.60): V

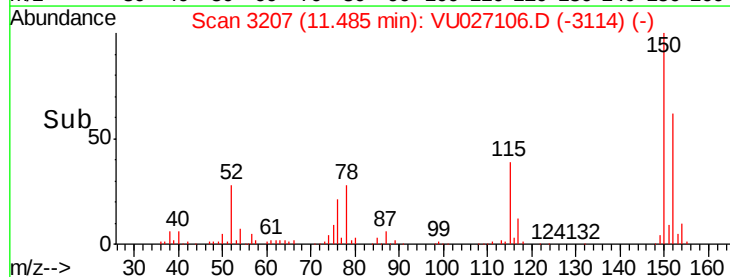
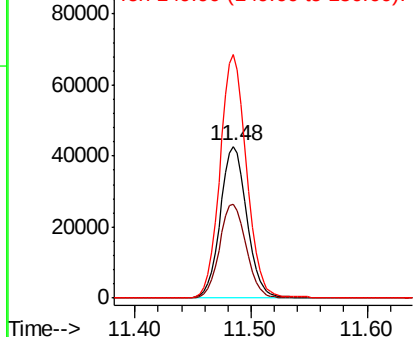


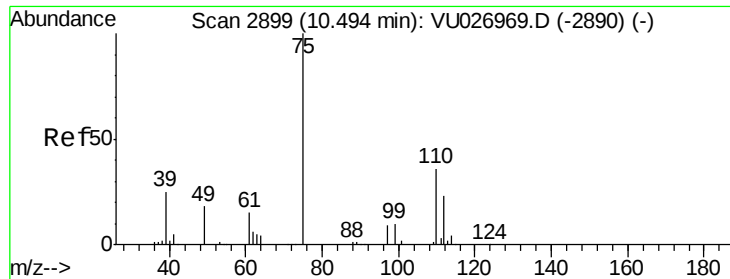
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027106.D
Acq: 24 Sep 2018 14:12

Tgt Ion:152 Resp: 67823
Ion Ratio Lower Upper
152 100
115 62.2 44.9 134.5
150 159.3 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): VU027106.D (-3114) (-)
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.204 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027106.D

Acq: 24 Sep 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

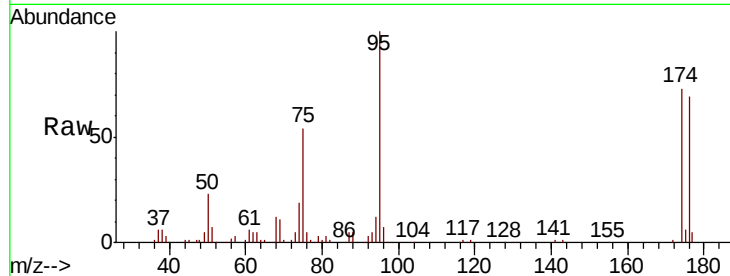
FT-MW02I-20180917

Tgt Ion: 75 Resp: 43690

Ion Ratio Lower Upper

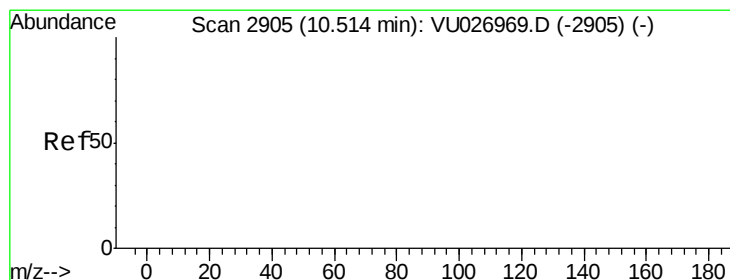
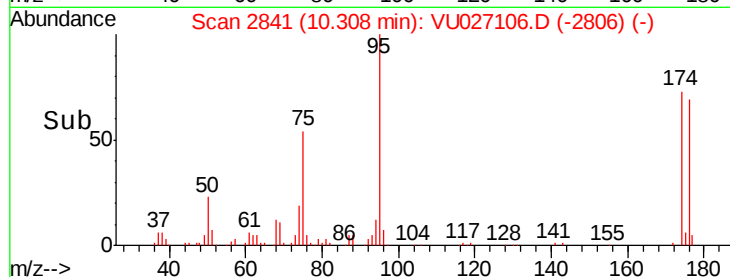
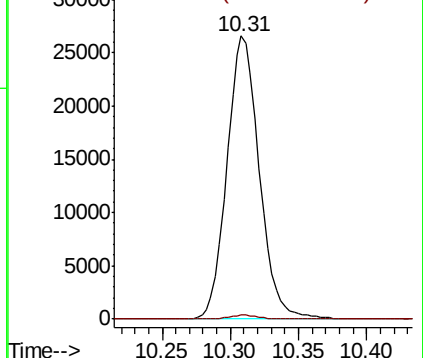
75 100

77 1.2 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 67.857 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027106.D

Acq: 24 Sep 2018 14:12

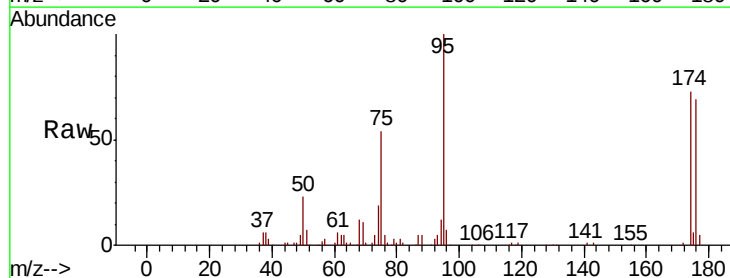
Tgt Ion: 75 Resp: 43690

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

