

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027111.D
 Acq On : 24 Sep 2018 16:08
 Operator : MD/SY
 Sample : J4969-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW10I-20180917

Quant Time: Sep 25 01:35:52 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

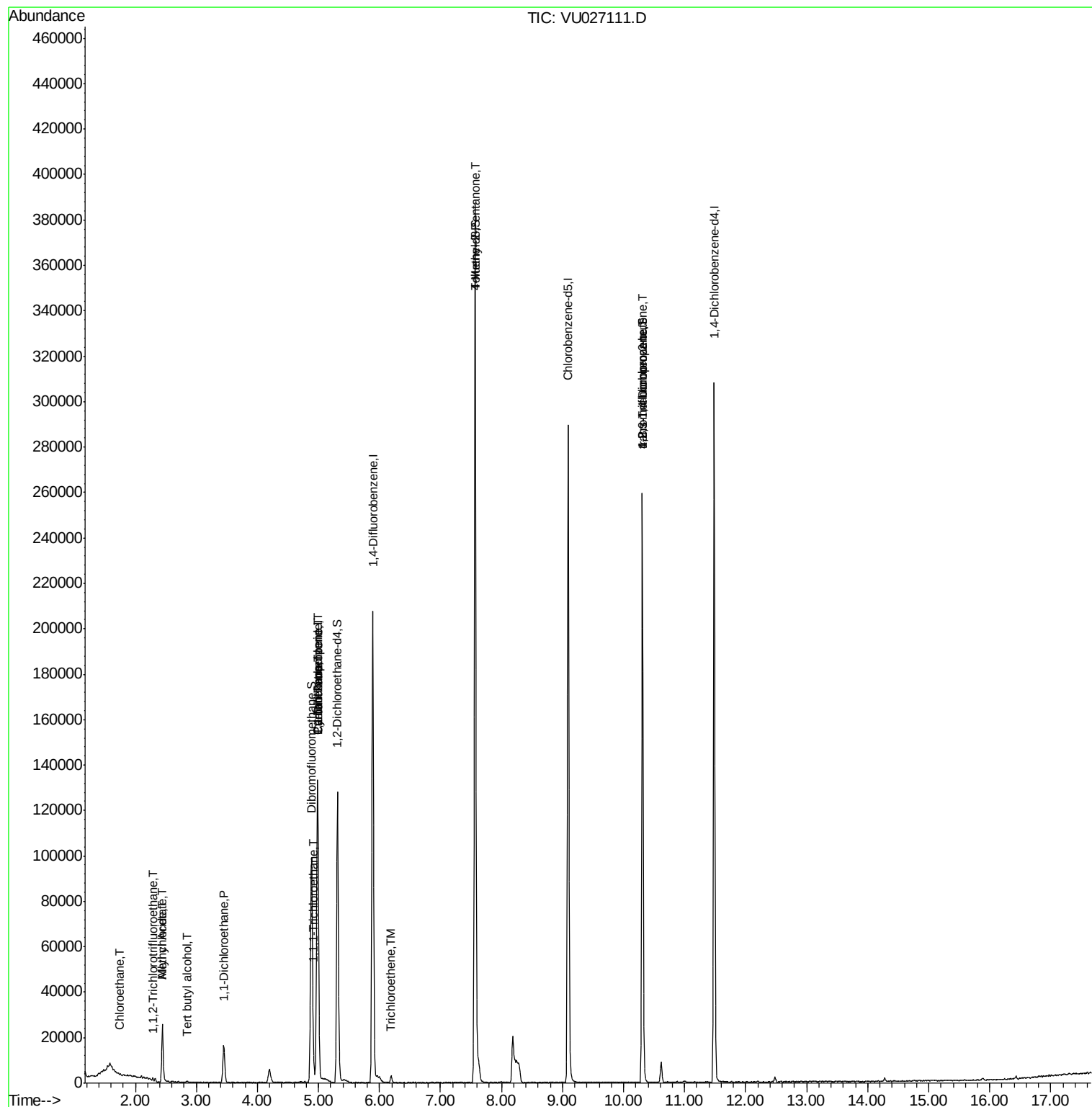
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	93599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159074	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	153776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98362	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	4.89	113	68021	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	7.57	98	254796	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.31	95	84182	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.75	64	413	0.329	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	510	0.371	ug/l	90
11) Tert butyl alcohol	2.84	59	284	0.658	ug/l #	72
14) Allyl chloride	2.44	41	2554	0.974	ug/l #	73
16) Acetone	2.32	43	1869	Below Cal		100
18) Methyl Acetate	2.44	43	6098	2.274	ug/l #	55
24) 1,1-Dichloroethane	3.45	63	18806	6.088	ug/l	99
31) Cyclohexane	4.99	56	2504	0.320	ug/l #	1
32) 1,1,1-Trichloroethane	4.92	97	3763	1.644	ug/l	96
36) 1,1-Dichloropropene	4.98	75	9211	4.339	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9935	4.917	ug/l #	17
44) Trichloroethene	6.19	130	1041	0.758	ug/l	85
51) 4-Methyl-2-Pentanone	7.57	43	1360	0.482	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	45545	20.667	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	45545	66.138	ug/l #	100

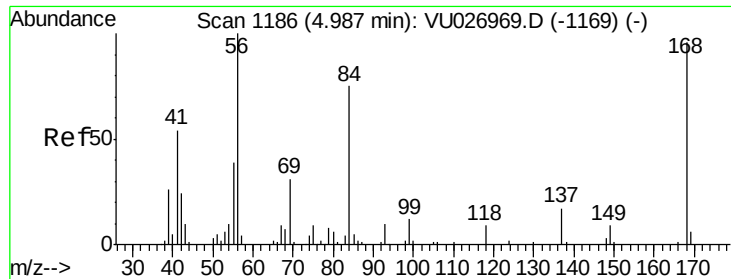
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

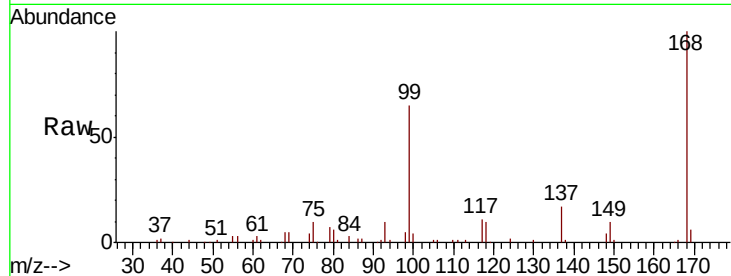
FT-MW10I-20180917

Tgt Ion:168 Resp: 93599

Ion Ratio Lower Upper

168 100

99 63.9 48.1 72.1



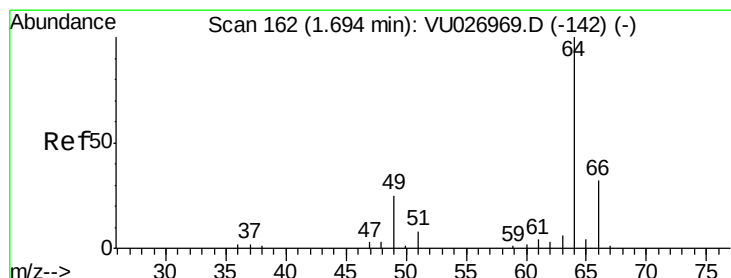
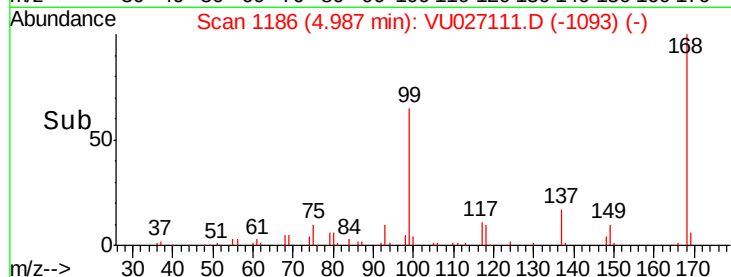
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.90 4.95 5.00 5.05

Time-->



#6

Chloroethane

Concen: 0.329 ug/l

RT: 1.75 min Scan# 179

Delta R.T. 0.05 min

Lab File: VU027111.D

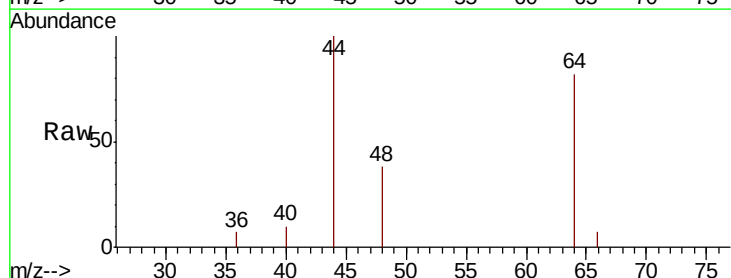
Acq: 24 Sep 2018 16:08

Tgt Ion: 64 Resp: 413

Ion Ratio Lower Upper

64 100

66 28.0 25.3 37.9



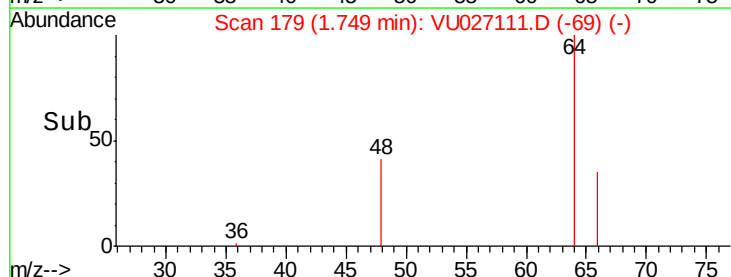
Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

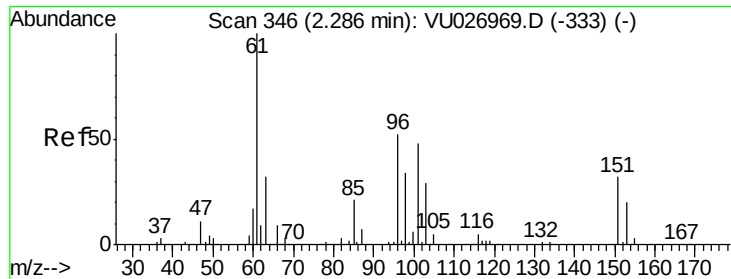
Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.75

1.74 1.76 1.78

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.371 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

FT-MW10I-20180917

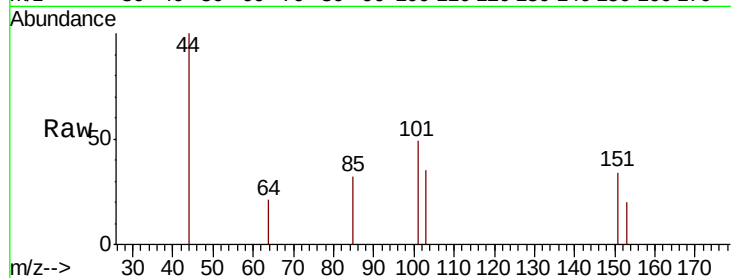
Tgt Ion:101 Resp: 510

Ion Ratio Lower Upper

101 100

85 49.4 36.2 54.2

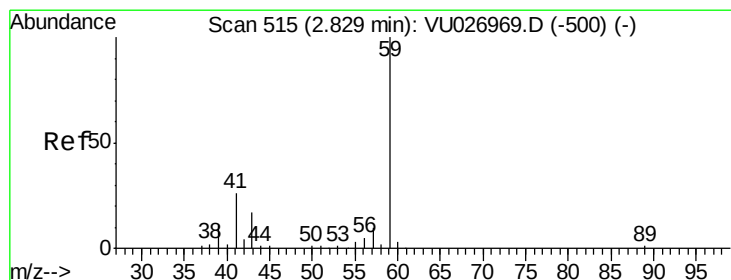
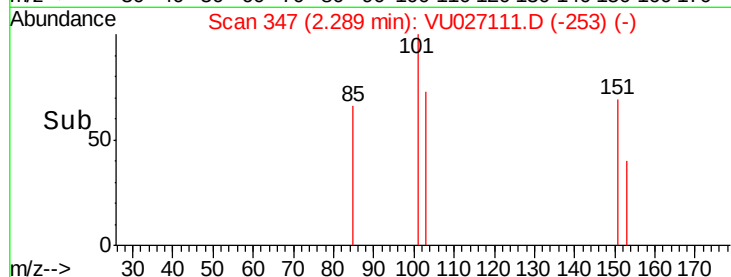
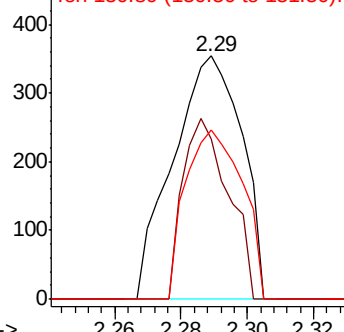
151 57.8 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.658 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU027111.D

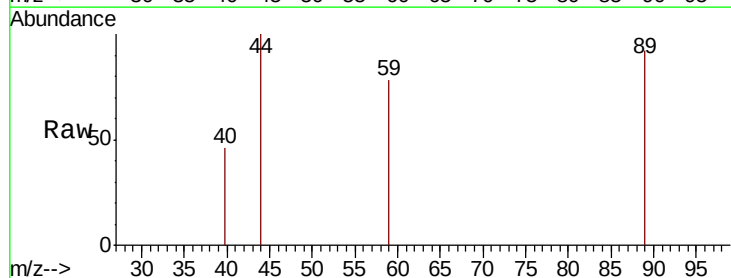
Acq: 24 Sep 2018 16:08

Tgt Ion: 59 Resp: 284

Ion Ratio Lower Upper

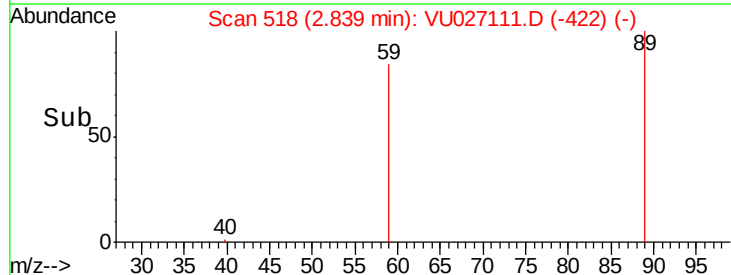
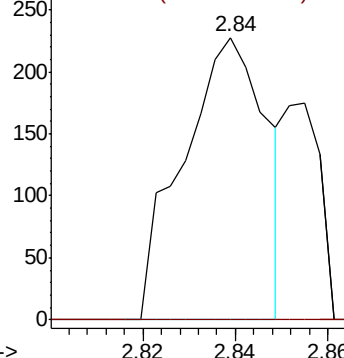
59 100

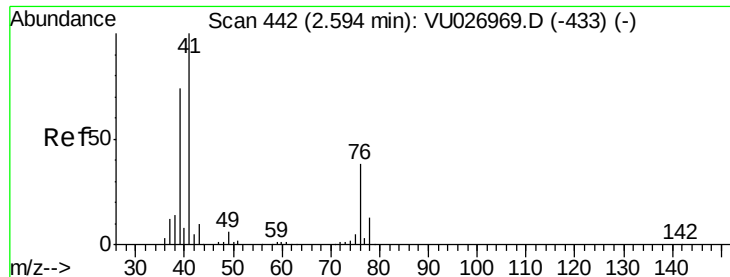
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

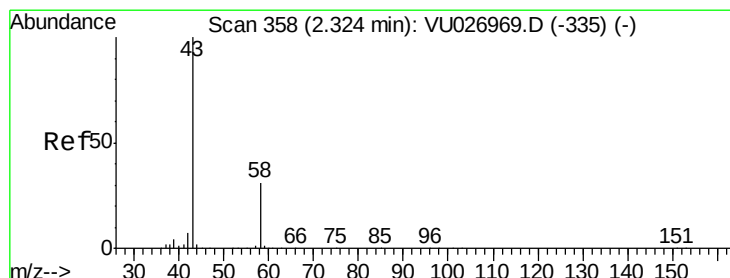
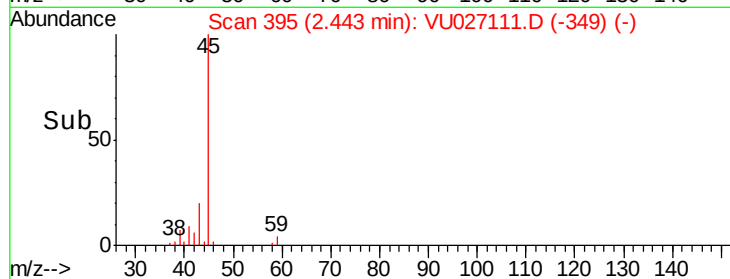
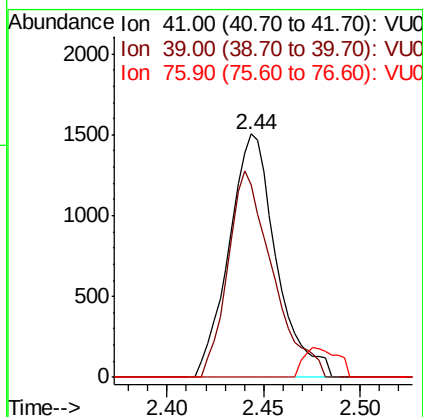
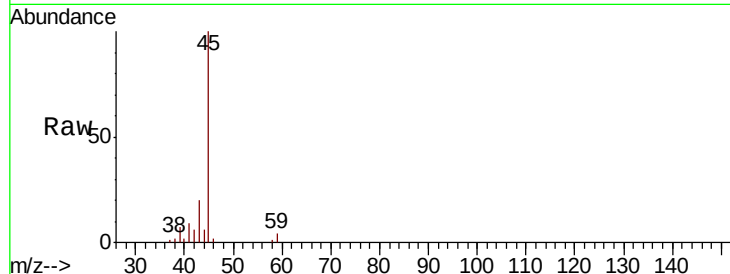




#14
 Allyl chloride
 Concen: 0.974 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

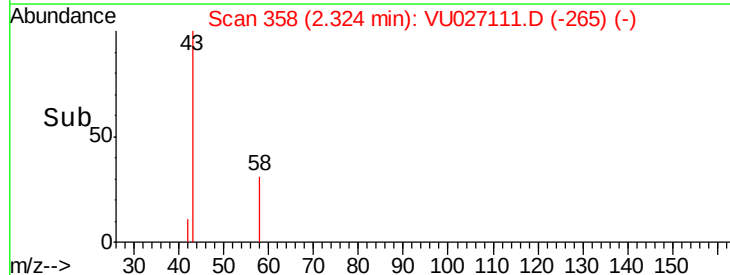
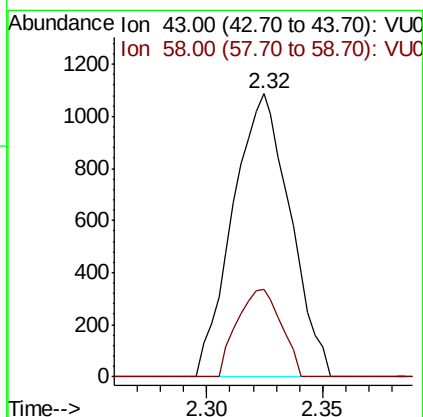
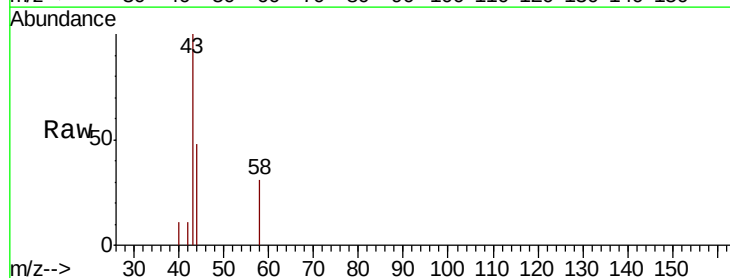
Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW10I-20180917

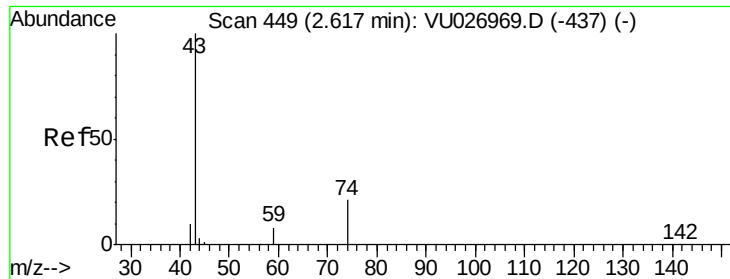
Tgt Ion: 41 Resp: 2554
 Ion Ratio Lower Upper
 41 100
 39 80.0 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

Tgt Ion: 43 Resp: 1869
 Ion Ratio Lower Upper
 43 100
 58 30.9 24.6 36.8

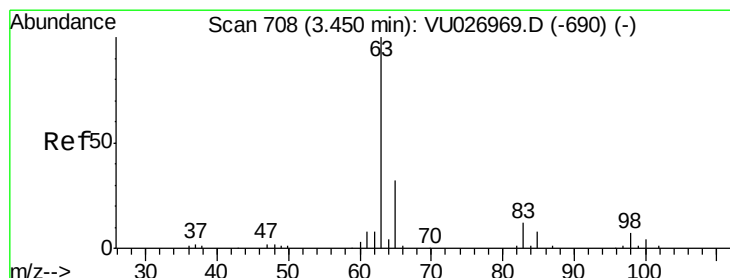
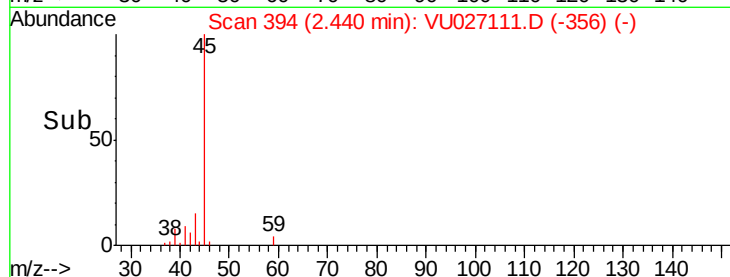
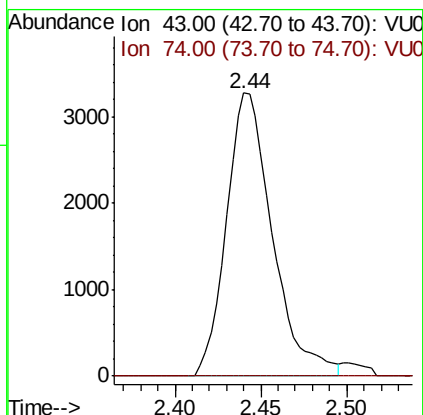
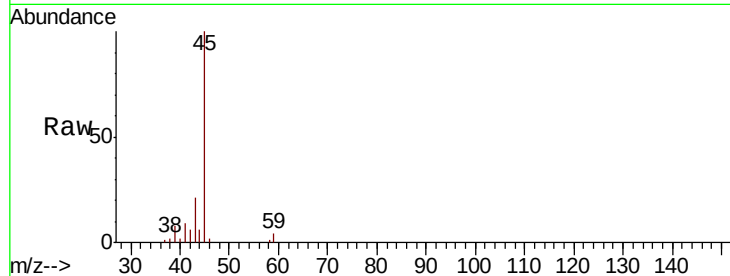




#18
Methyl Acetate
Concen: 2.274 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027111.D
Acq: 24 Sep 2018 16:08

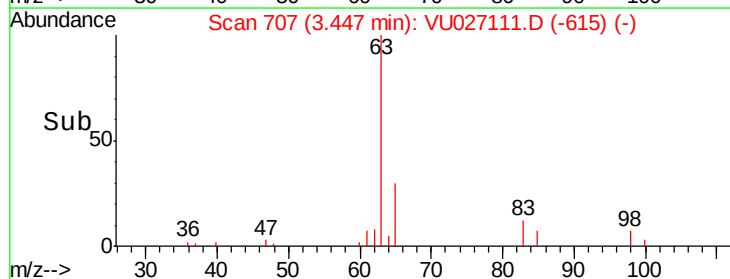
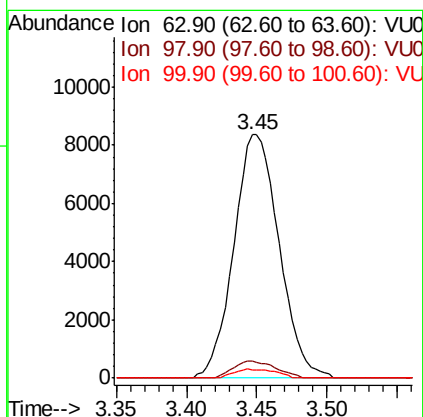
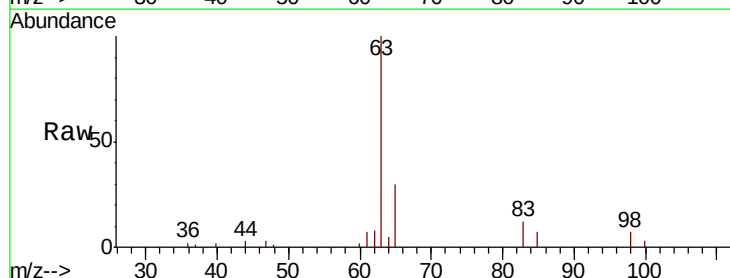
Instrument :
MSVOA_U
ClientSampleId :
FT-MW10I-20180917

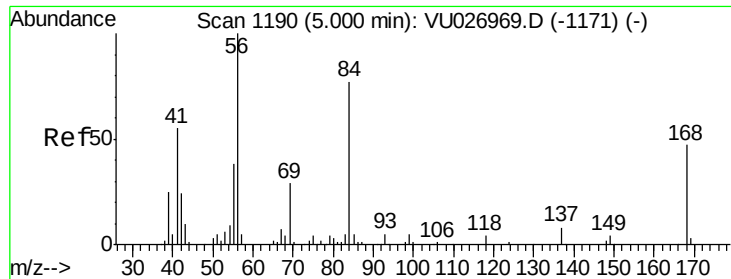
Tgt Ion: 43 Resp: 6098
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#24
1,1-Dichloroethane
Concen: 6.088 ug/l
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027111.D
Acq: 24 Sep 2018 16:08

Tgt Ion: 63 Resp: 18806
Ion Ratio Lower Upper
63 100
98 7.0 3.3 9.8
100 3.5 2.0 5.8

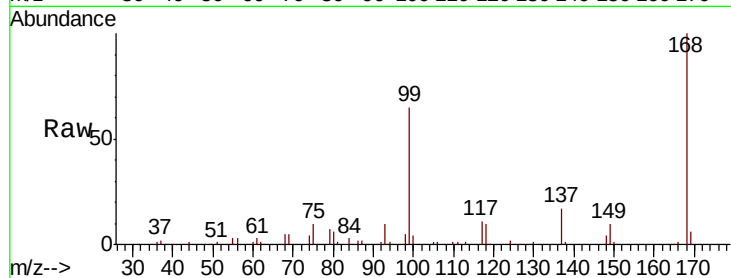




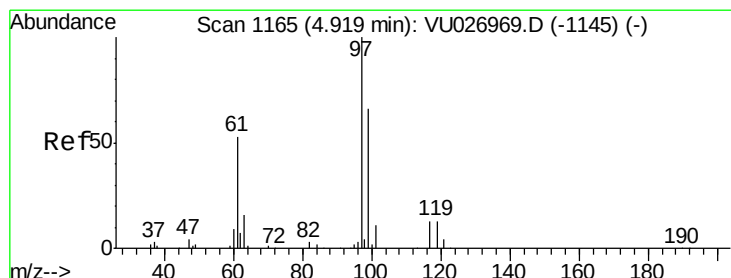
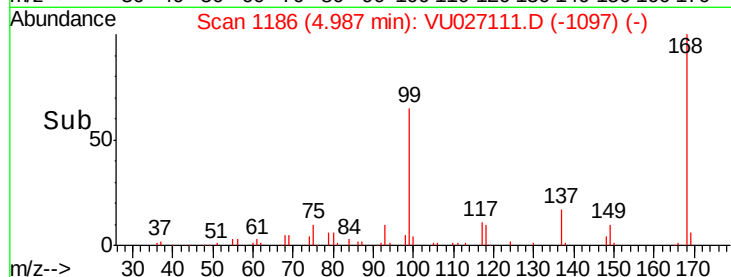
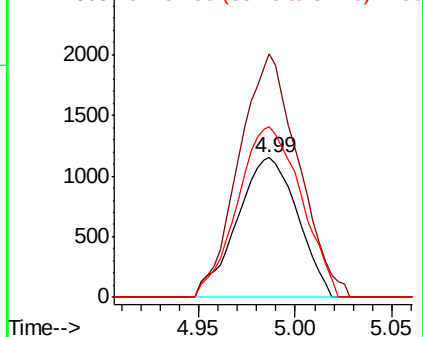
#31
Cyclohexane
Concen: 0.320 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027111.D
Acq: 24 Sep 2018 16:08

Instrument :
MSVOA_U
ClientSampleId :
FT-MW10I-20180917

Tgt Ion: 56 Resp: 2504
Ion Ratio Lower Upper
56 100
69 174.1 23.0 34.4#
84 122.2 61.4 92.2#

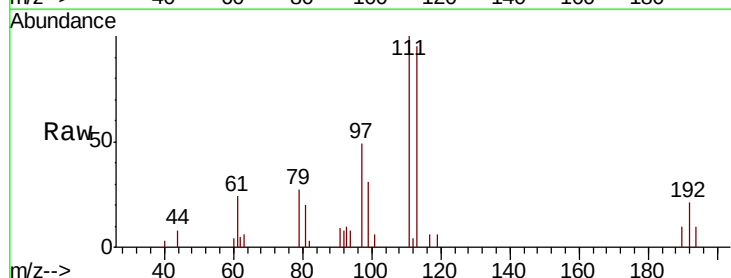


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

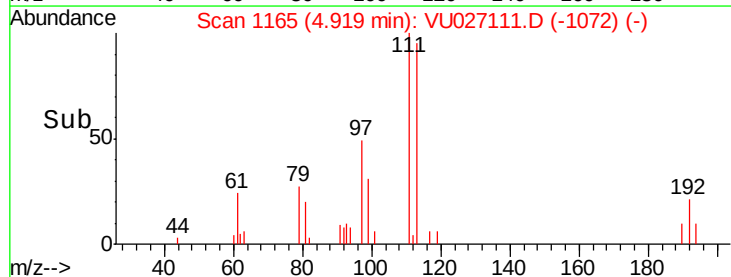
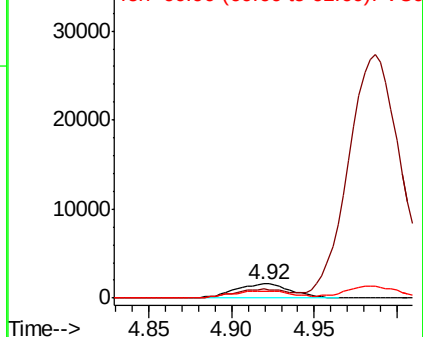


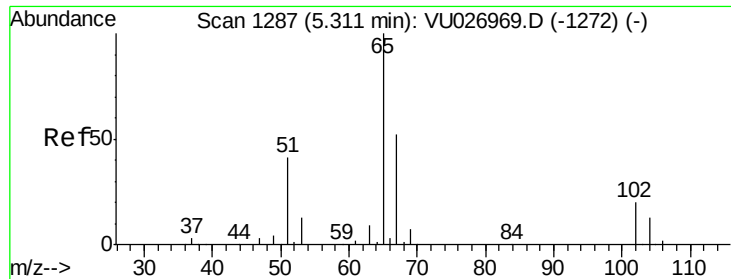
#32
1,1,1-Trichloroethane
Concen: 1.644 ug/l
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027111.D
Acq: 24 Sep 2018 16:08

Tgt Ion: 97 Resp: 3763
Ion Ratio Lower Upper
97 100
99 61.6 51.8 77.6
61 54.6 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

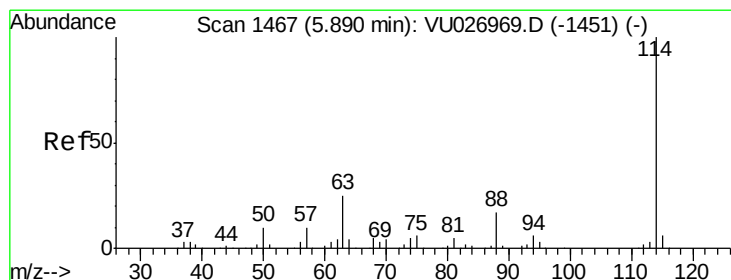
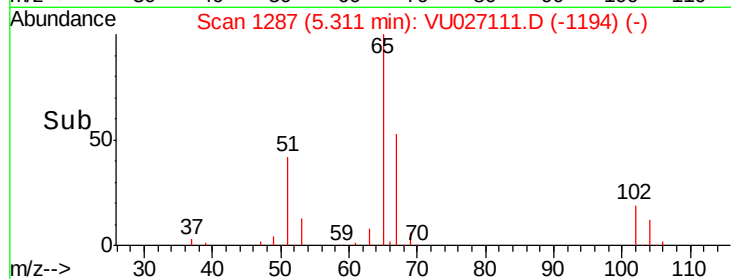
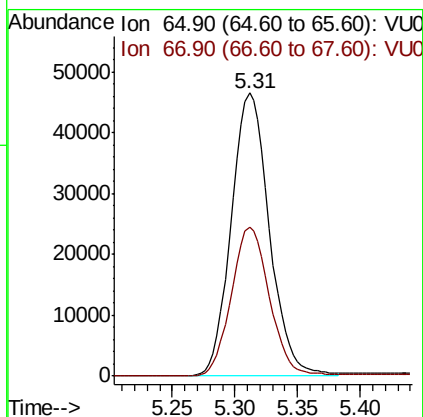
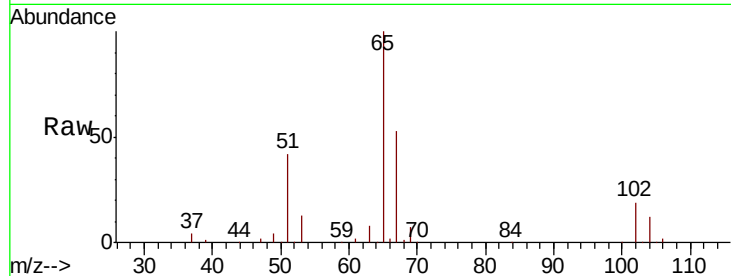




#33
 1,2-Dichloroethane-d4
 Concen: 52.214 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

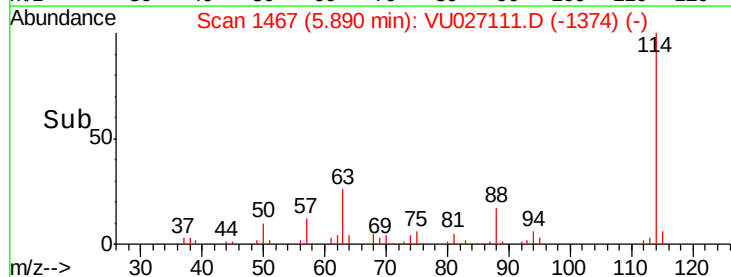
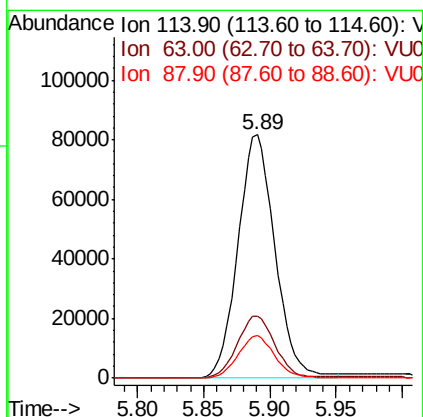
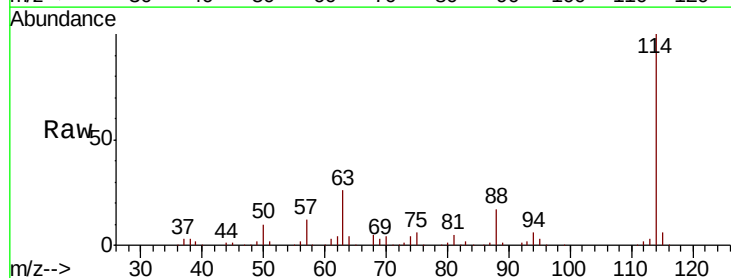
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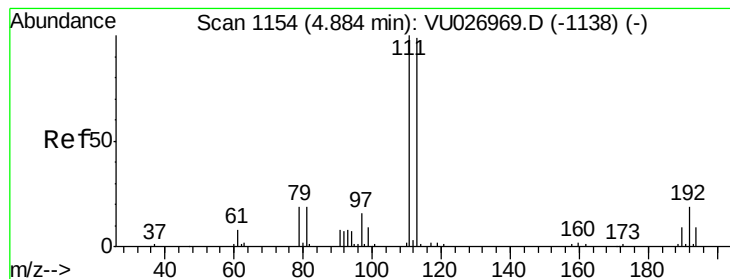
Tgt Ion: 65 Resp: 98362
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

Tgt Ion: 114 Resp: 159074
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.331 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

FT-MW10I-20180917

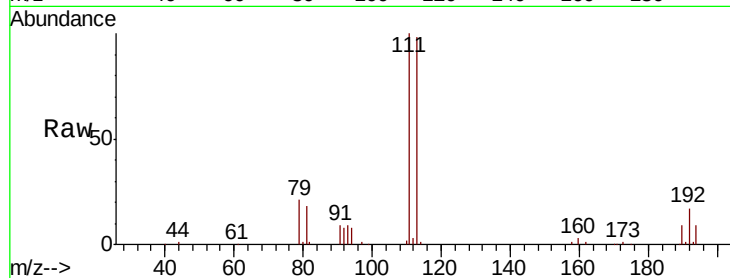
Tgt Ion:113 Resp: 68021

Ion Ratio Lower Upper

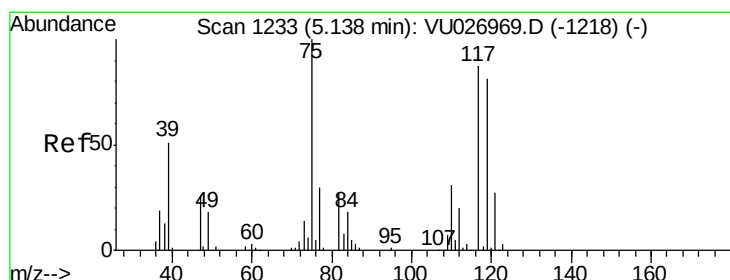
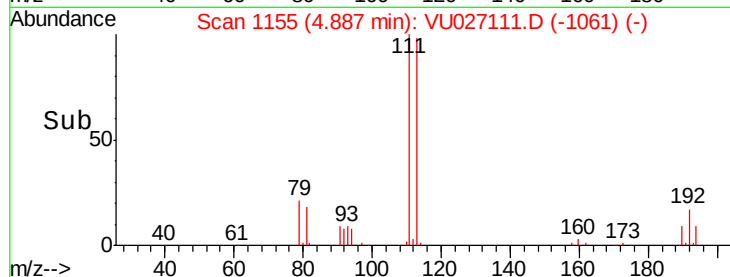
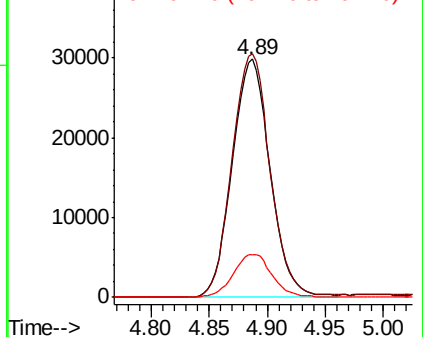
113 100

111 102.6 82.2 123.4

192 18.2 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



#36

1,1-Dichloropropene

Concen: 4.339 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

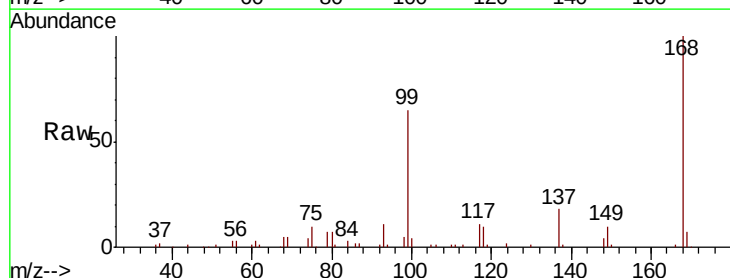
Tgt Ion: 75 Resp: 9211

Ion Ratio Lower Upper

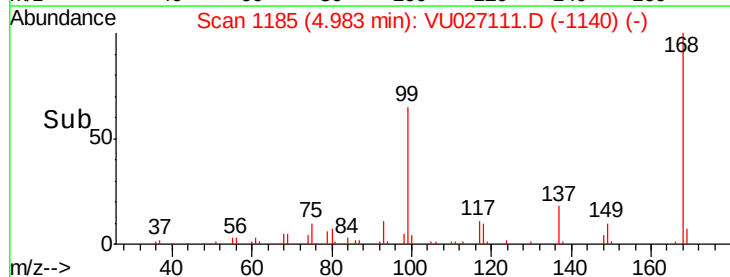
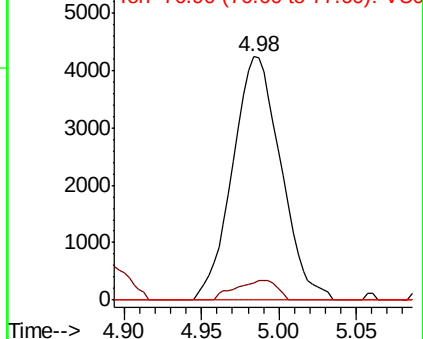
75 100

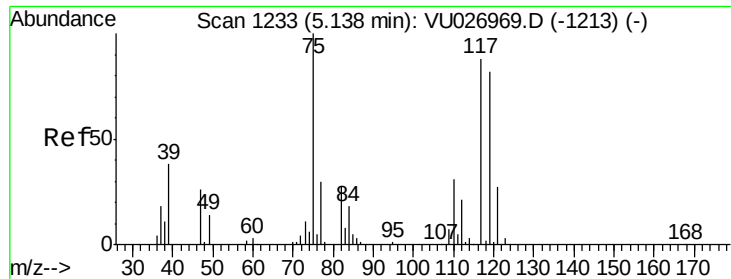
110 7.0 16.1 48.2#

77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.917 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027111.D

Acq: 24 Sep 2018 16:08

Instrument :

MSVOA_U

ClientSampleId :

FT-MW10I-20180917

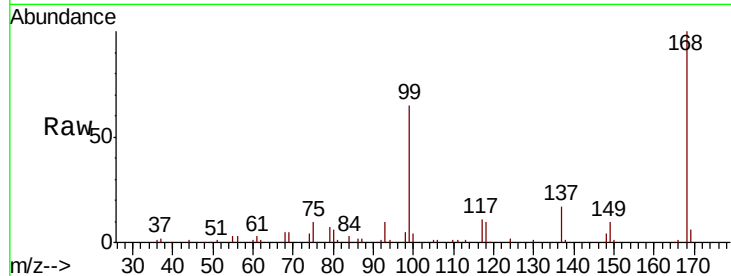
Tgt Ion:117 Resp: 9935

Ion Ratio Lower Upper

117 100

119 4.4 74.4 111.6#

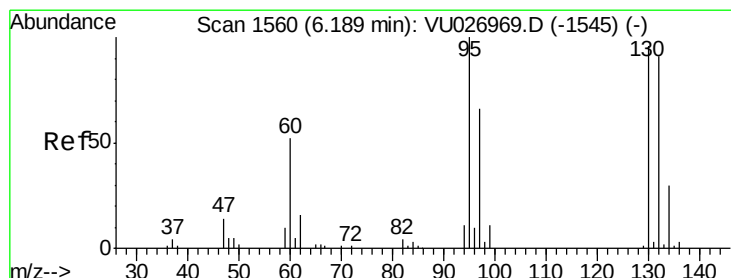
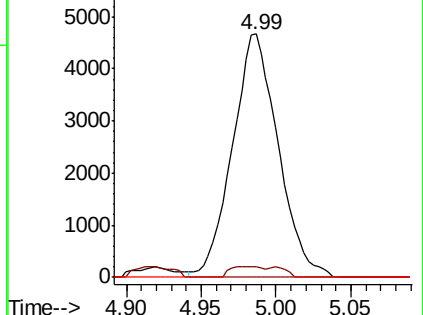
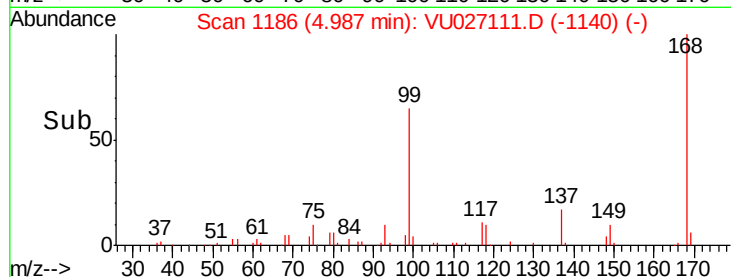
121 0.0 24.2 36.4#



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



#44

Trichloroethene

Concen: 0.758 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027111.D

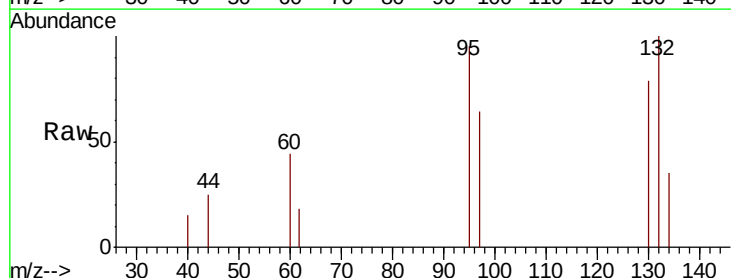
Acq: 24 Sep 2018 16:08

Tgt Ion:130 Resp: 1041

Ion Ratio Lower Upper

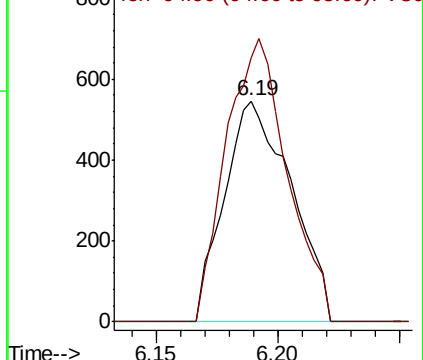
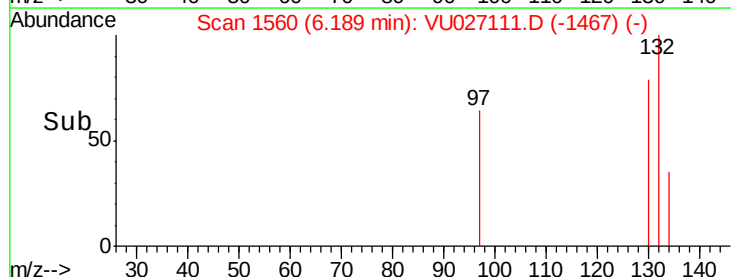
130 100

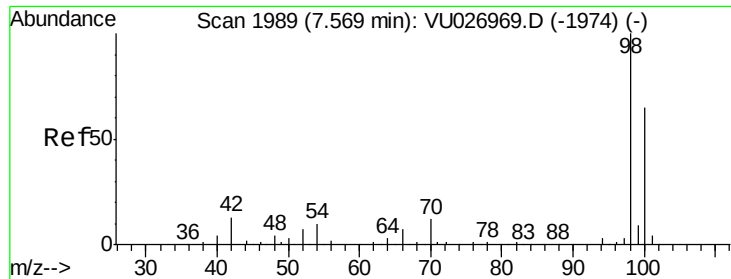
95 119.6 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

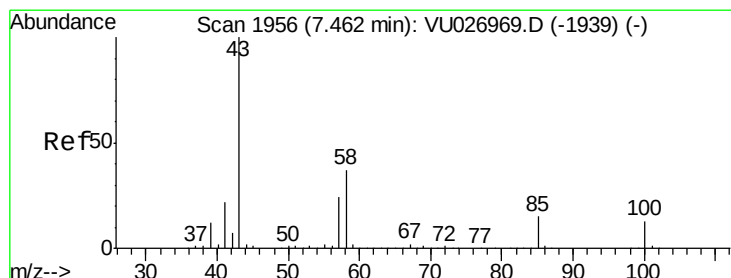
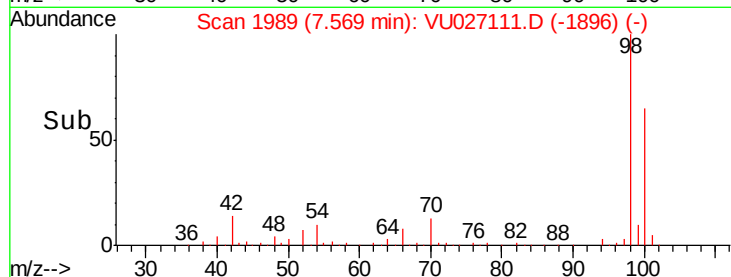
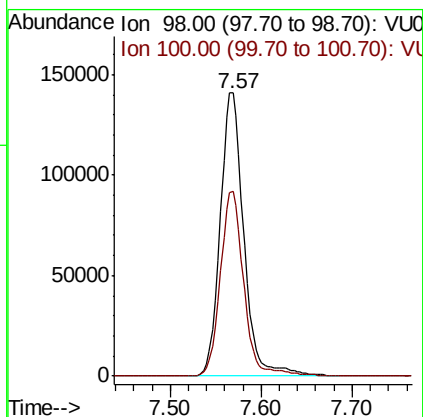
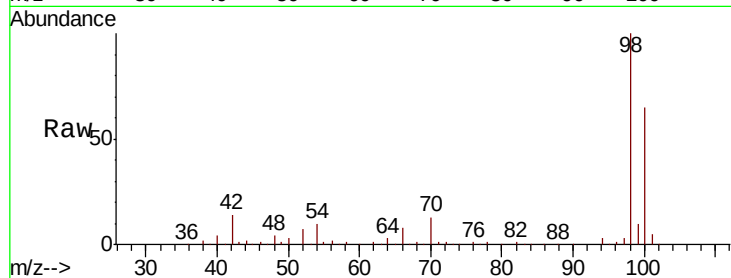




#50
Toluene-d8
Concen: 48.488 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027111.D
Acq: 24 Sep 2018 16:08

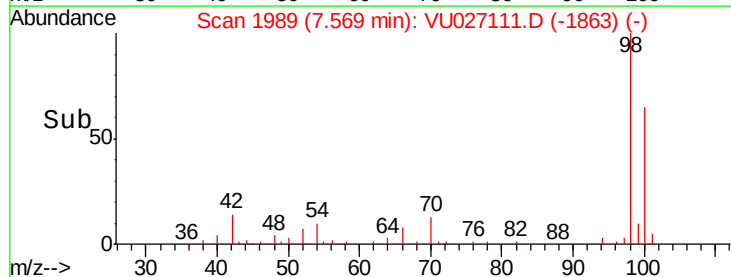
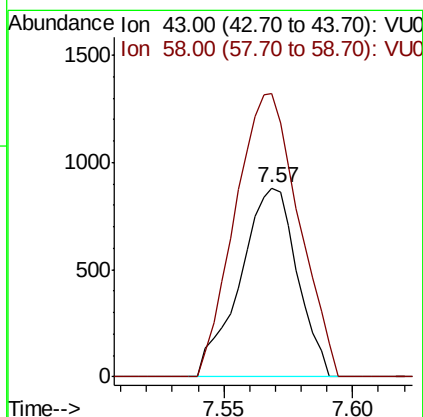
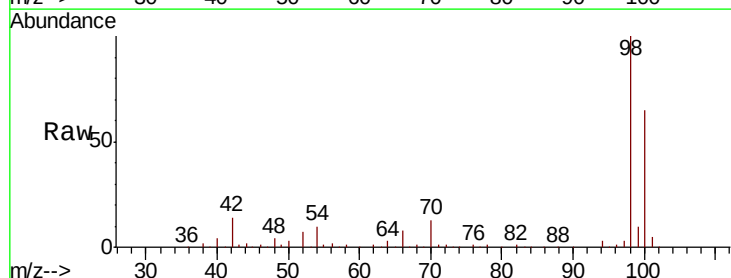
Instrument :
MSVOA_U
ClientSampleId :
FT-MW10I-20180917

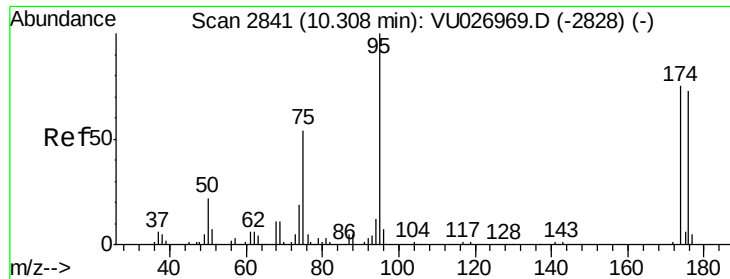
Tgt Ion: 98 Resp: 254796
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU027111.D
Acq: 24 Sep 2018 16:08

Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 166.5 29.8 44.6#

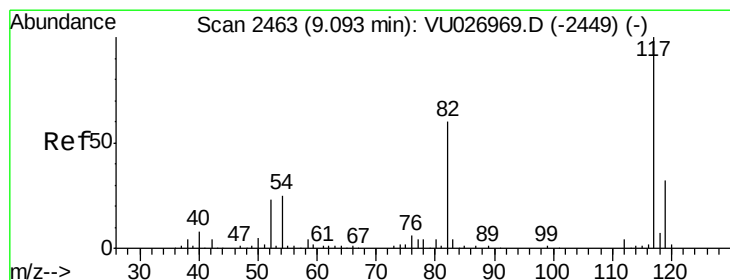
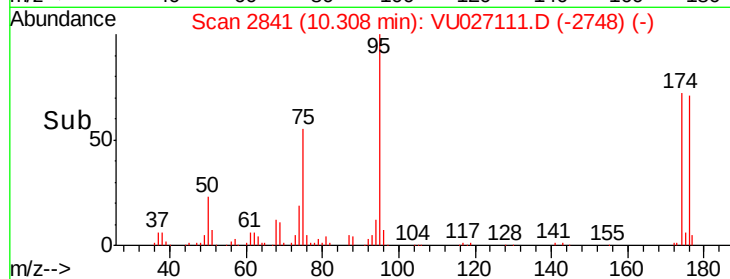
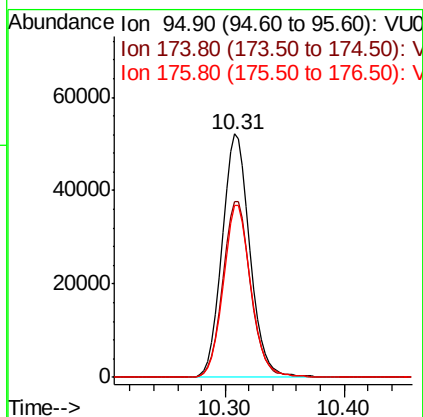
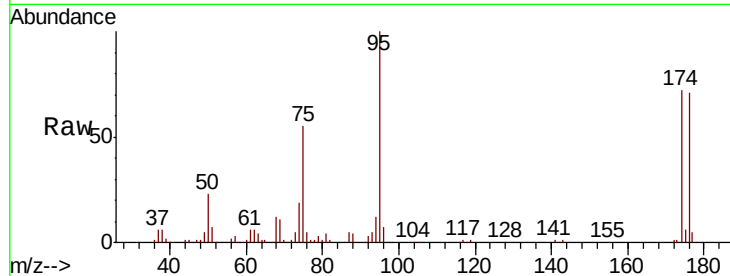




#62
 4-Bromofluorobenzene
 Concen: 46.687 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

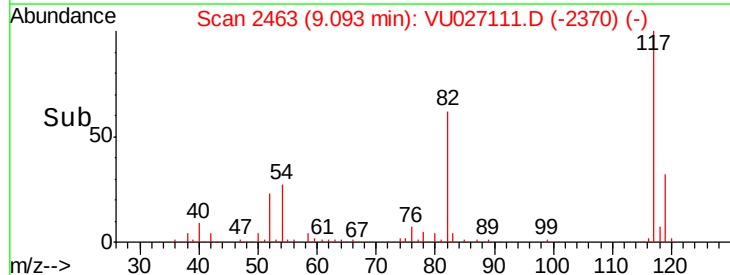
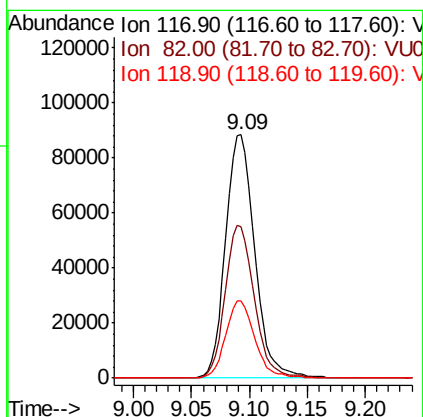
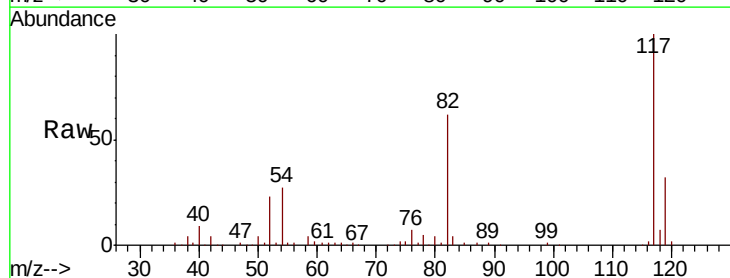
Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW10I-20180917

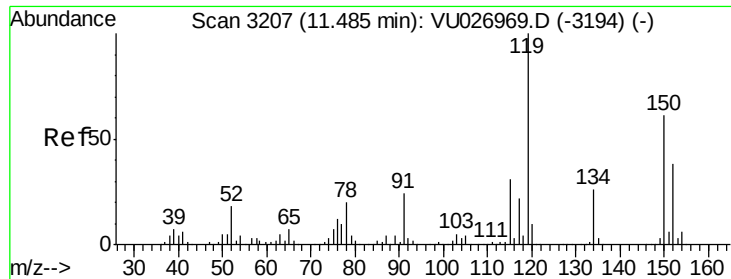
Tgt Ion: 95 Resp: 84182
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 150.2
 176 70.6 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

Tgt Ion: 117 Resp: 153776
 Ion Ratio Lower Upper
 117 100
 82 62.1 48.0 72.0
 119 31.8 25.8 38.8

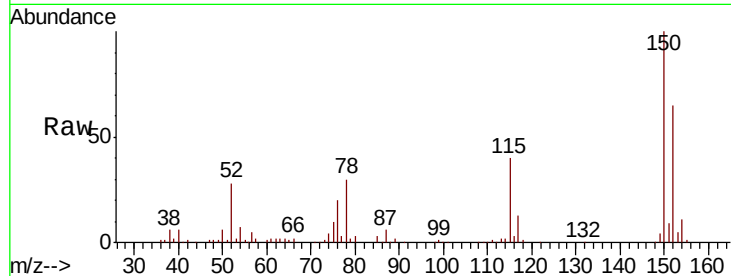




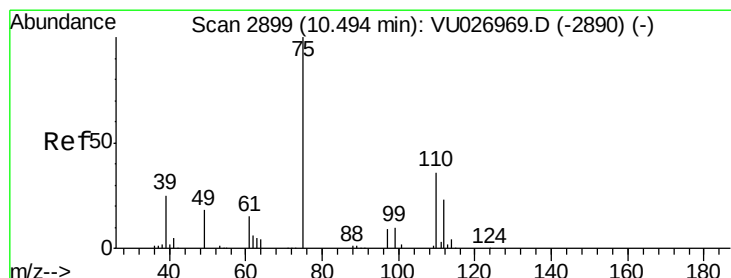
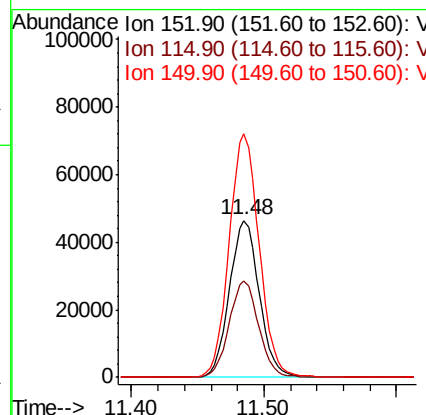
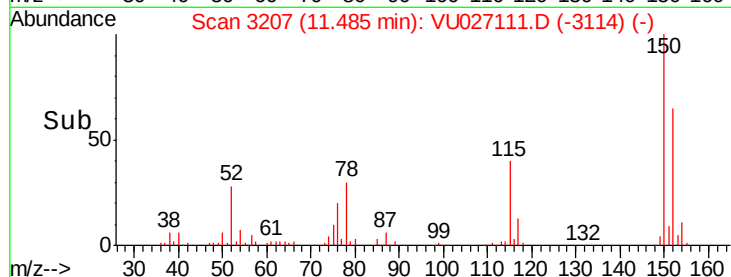
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW10I-20180917

Tgt Ion:152 Resp: 72540
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.9 134.5
 150 156.1 0.0 355.8

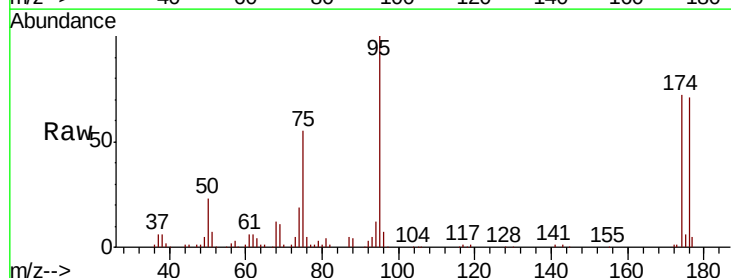


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

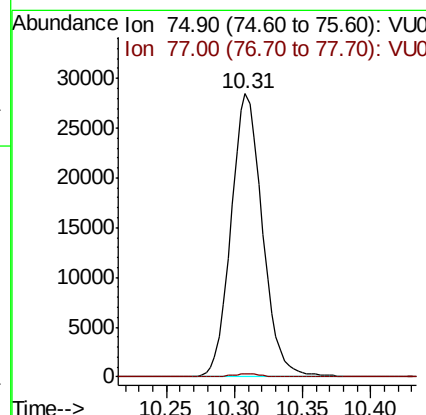
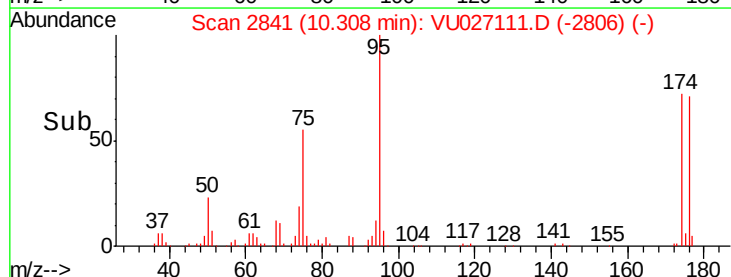


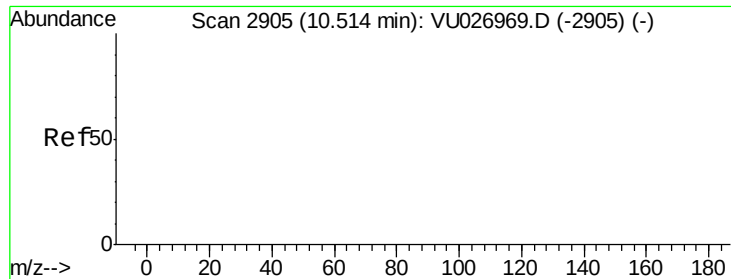
#76
 1,2,3-Trichloropropane
 Concen: 20.667 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

Tgt Ion: 75 Resp: 45545
 Ion Ratio Lower Upper
 75 100
 77 0.9 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: 66.138 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027111.D
 Acq: 24 Sep 2018 16:08

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-MW10I-20180917

Tgt Ion: 75 Resp: 45545
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

