

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
 Data File : VU028052.D
 Acq On : 09 Nov 2018 18:09
 Operator : MD/SY
 Sample : I.BLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 I.BLK

Quant Time: Nov 12 06:17:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

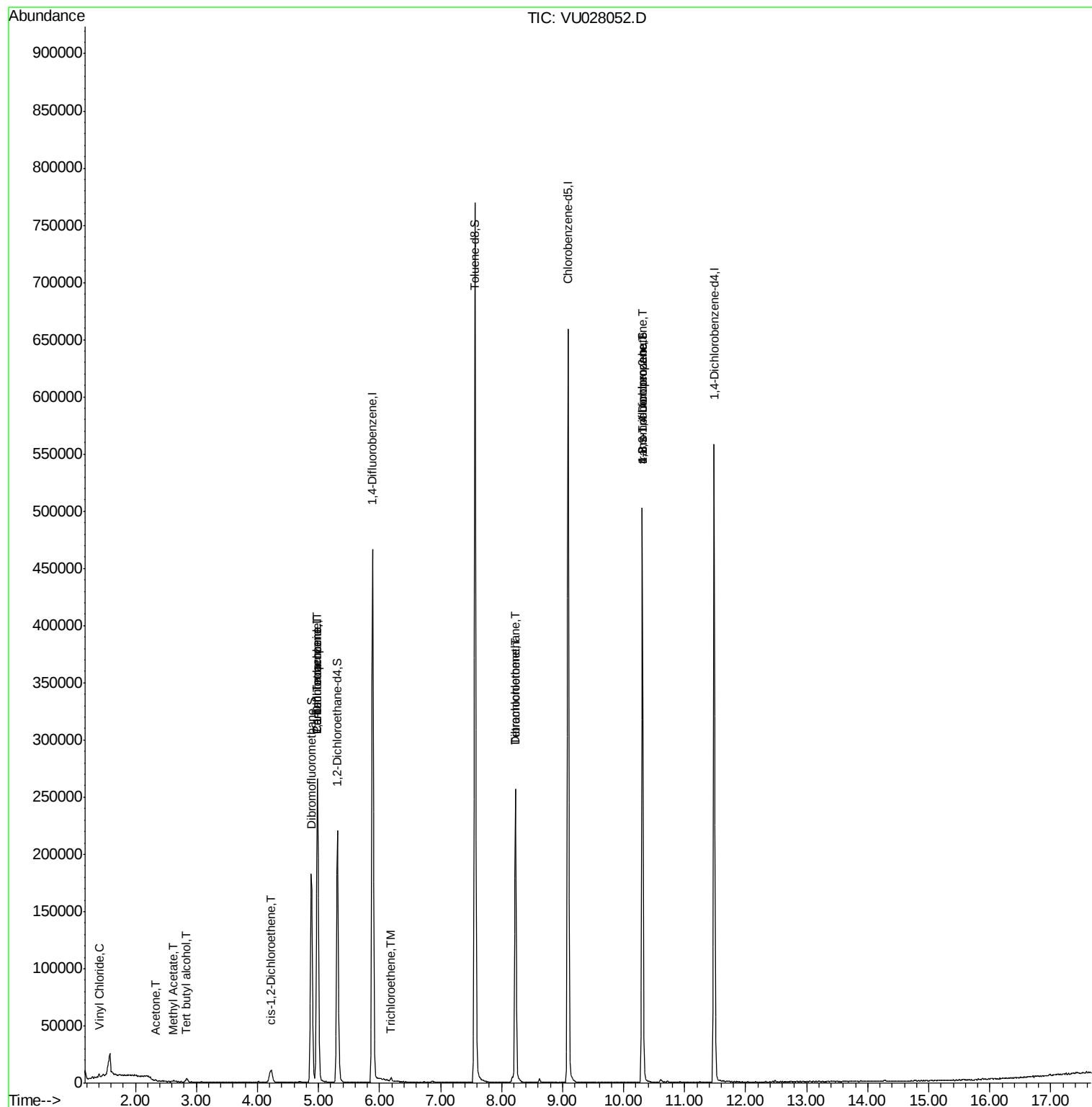
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	376827	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	345471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	140995	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	168312	57.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.84%	
35) Dibromofluoromethane	4.88	113	126130	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
50) Toluene-d8	7.57	98	499097	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
62) 4-Bromofluorobenzene	10.31	95	164939	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	1653	0.554	ug/l	95
11) Tert butyl alcohol	2.84	59	1943	2.526	ug/l #	73
13) Acrolein	2.09	56	19	Below Cal	#	1
16) Acetone	2.33	43	1176	0.652	ug/l #	85
18) Methyl Acetate	2.62	43	1549	0.312	ug/l #	79
27) cis-1,2-Dichloroethene	4.23	96	4996	1.885	ug/l	79
31) Cyclohexane	4.98	56	4779	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	18306	4.638	ug/l #	50
38) Carbon Tetrachloride	4.98	117	18832	5.384	ug/l #	18
44) Trichloroethene	6.19	130	1139	0.439	ug/l	55
60) Dibromochloromethane	8.23	129	54393	19.917	ug/l #	10
64) Tetrachloroethene	8.23	164	57002	25.446	ug/l	97
76) 1,2,3-Trichloropropane	10.31	75	87220	22.616	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	87220	56.433	ug/l #	100

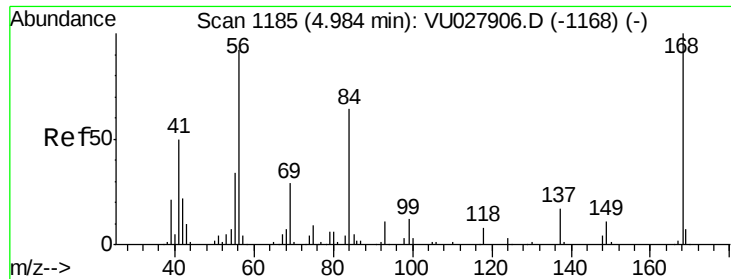
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110918\
Data File : VU028052.D
Acq On : 09 Nov 2018 18:09
Operator : MD/SY
Sample : I.BLK
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
I.BLK

Quant Time: Nov 12 06:17:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 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: VU028052.D

Acq: 09 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

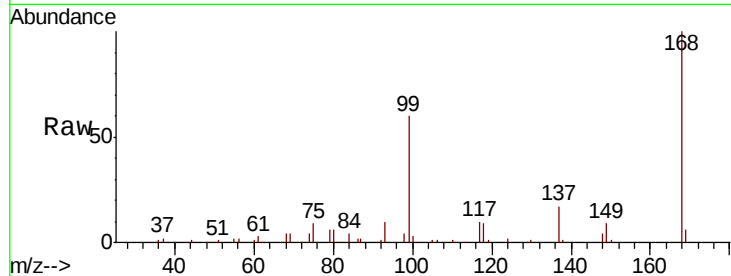
I.BLK

Tot Ion:168 Resp: 195460

Ion Ratio Lower Upper

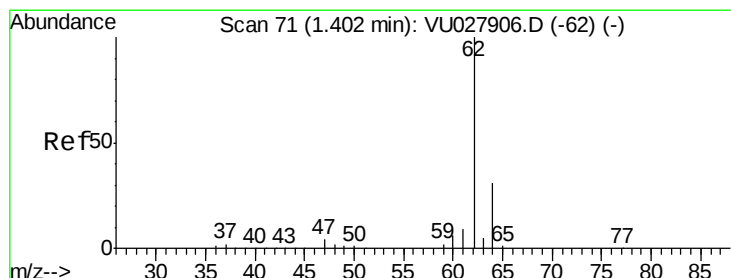
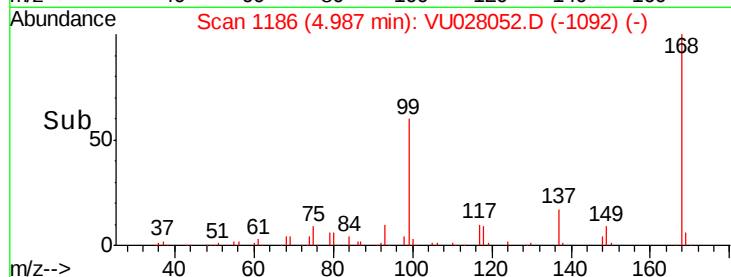
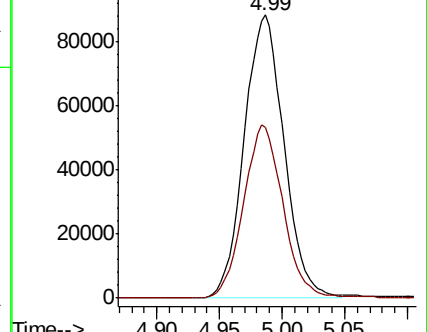
168 100

99 60.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028052.D (-1092) (-)



#4

Vinyl Chloride

Concen: 0.554 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU028052.D

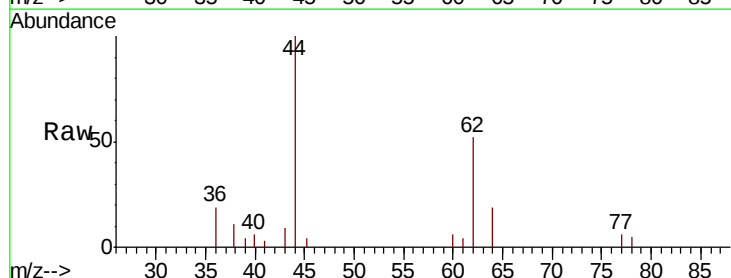
Acq: 09 Nov 2018 18:09

Tgt Ion: 62 Resp: 1653

Ion Ratio Lower Upper

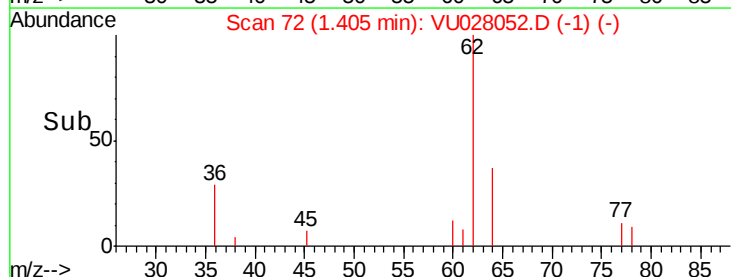
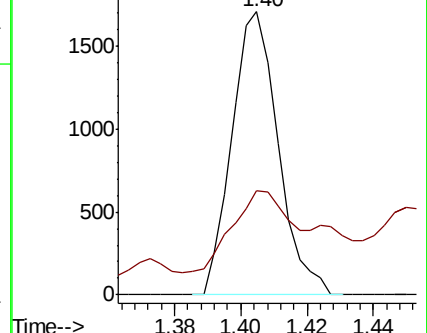
62 100

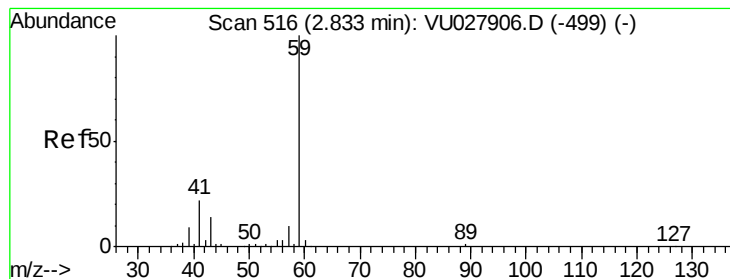
64 28.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)

Ion 63.90 (63.60 to 64.60): VU028052.D (-1) (-)



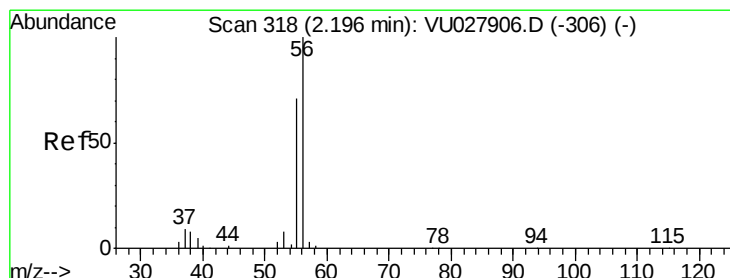
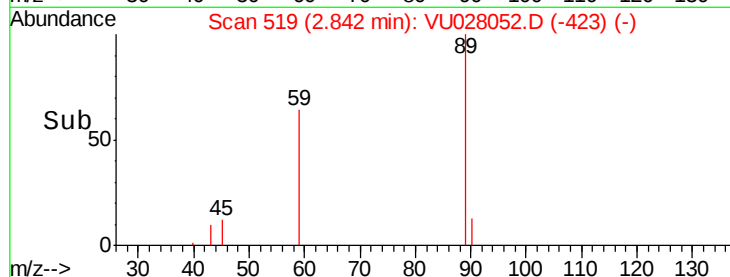
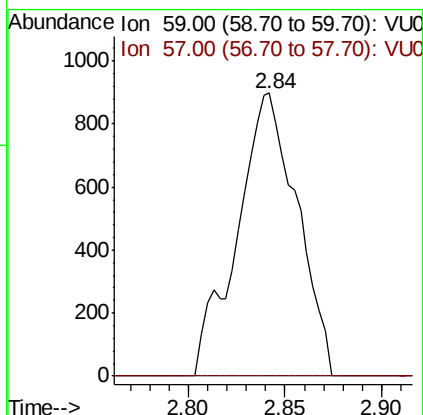
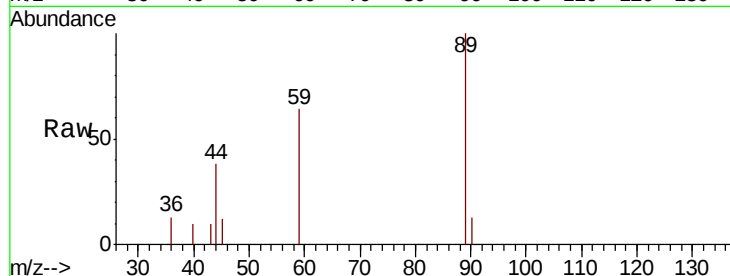


#11

Tert butyl alcohol
 Concen: 2.526 ug/l
 RT: 2.84 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Instrument :
 MSVOA_U
 ClientSampled :
 I.BLK

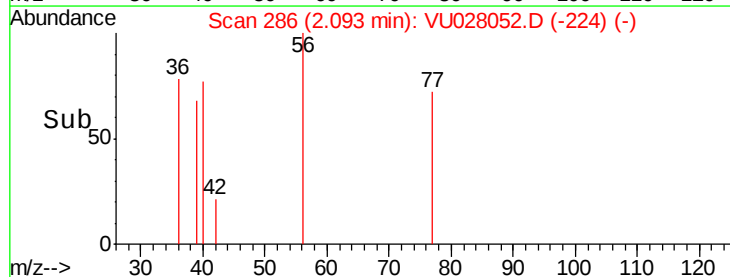
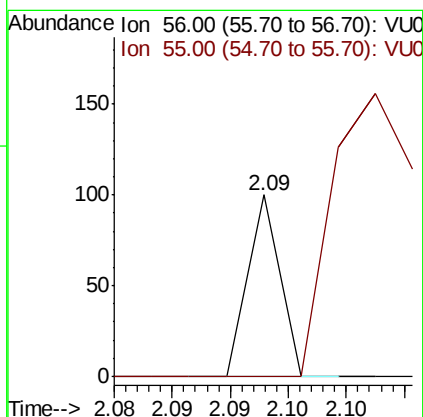
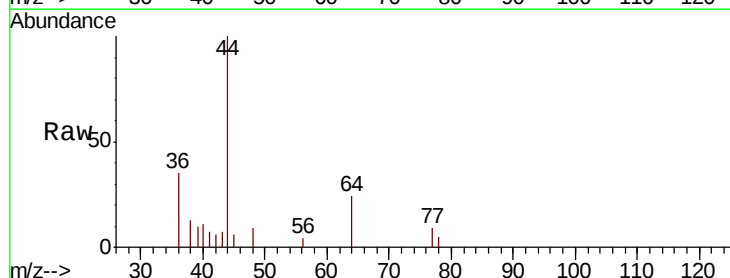
Tot Ion: 59 Resp: 1943
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

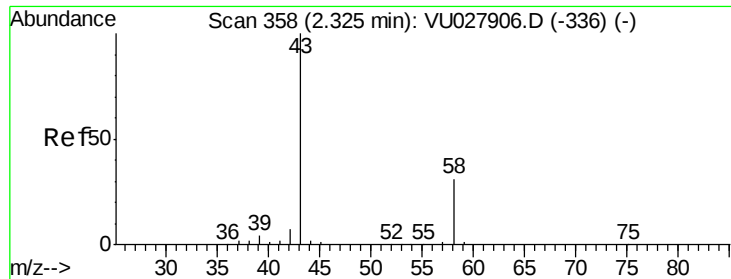


#13

Acrolein
 Concen: Below Cal
 RT: 2.09 min Scan# 286
 Delta R.T. -0.10 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Tgt Ion: 56 Resp: 19
 Ion Ratio Lower Upper
 56 100
 55 400.0 56.2 84.4#





#16

Acetone

Concen: 0.652 ug/l

RT: 2.33 min Scan# 359

Delta R.T. 0.00 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

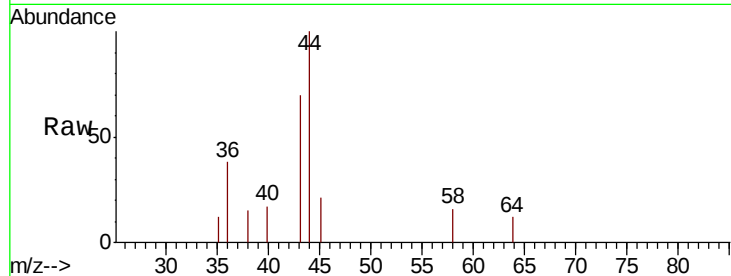
I.BLK

Tot Ion: 43 Resp: 1176

Ion Ratio Lower Upper

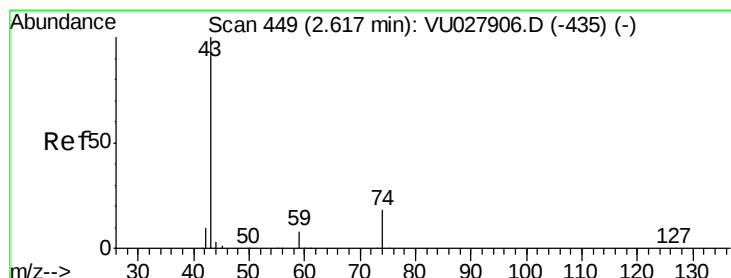
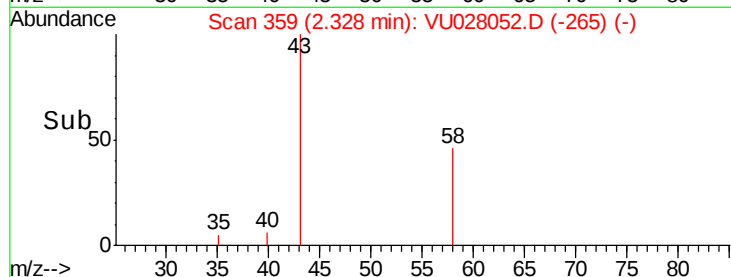
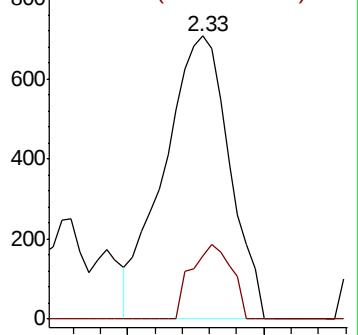
43 100

58 22.3 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 0.312 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028052.D

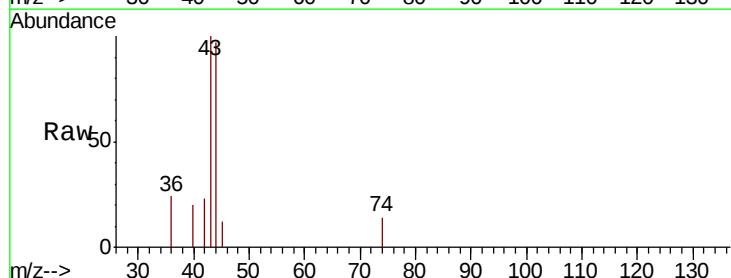
Acq: 09 Nov 2018 18:09

Tgt Ion: 43 Resp: 1549

Ion Ratio Lower Upper

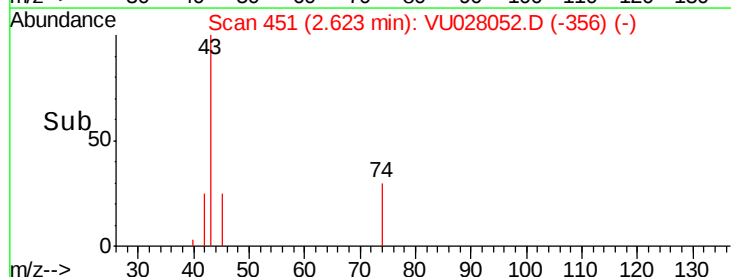
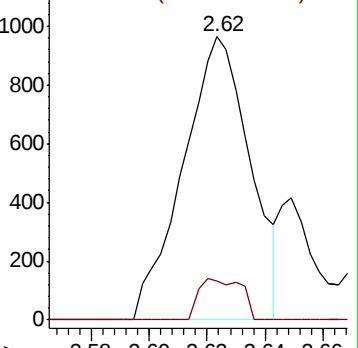
43 100

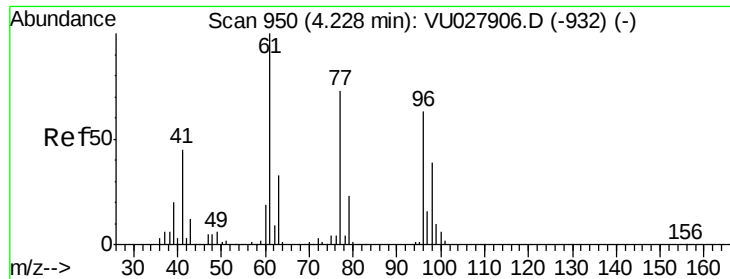
74 9.3 14.9 22.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



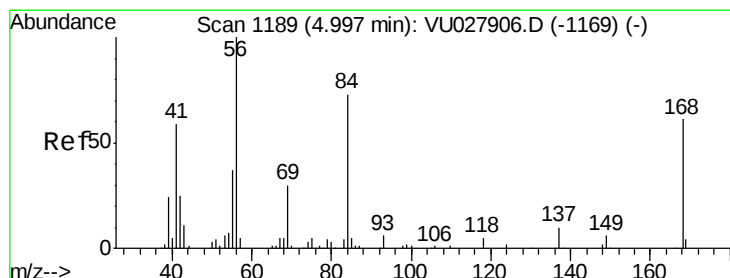
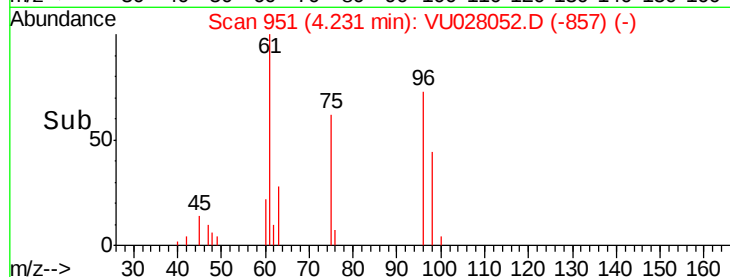
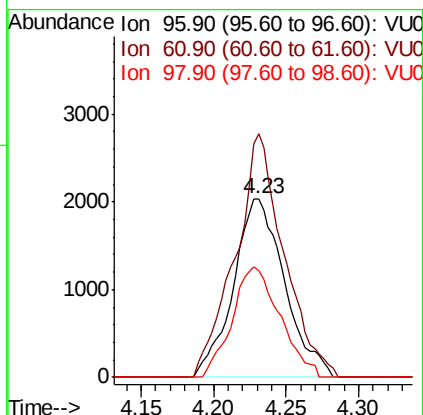
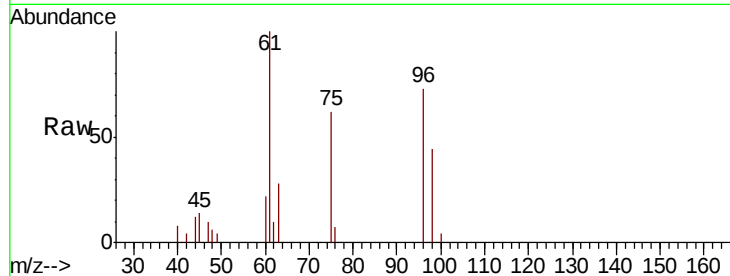


#27

cis-1,2-Dichloroethene
 Concen: 1.885 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Instrument :
 MSVOA_U
 ClientSampled :
 I.BLK

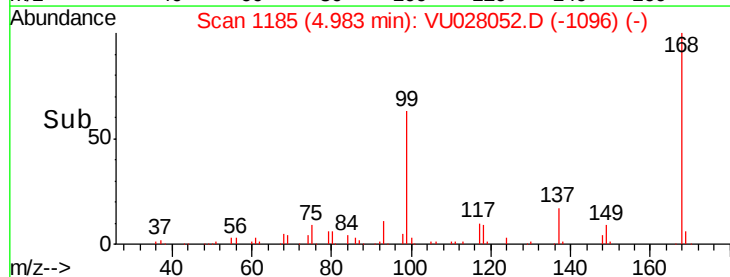
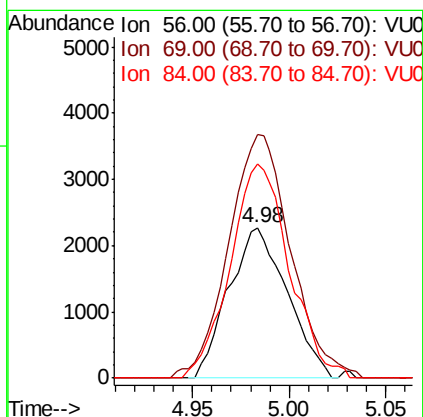
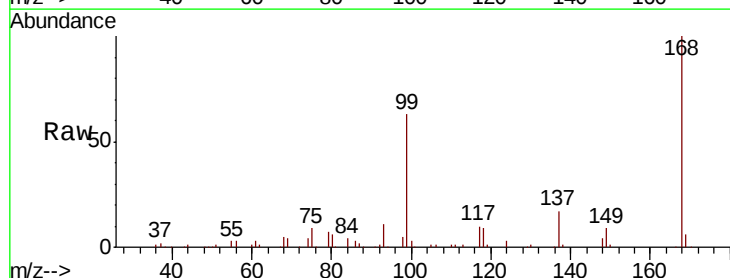
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	329.6
98	57.6	0.0	127.2

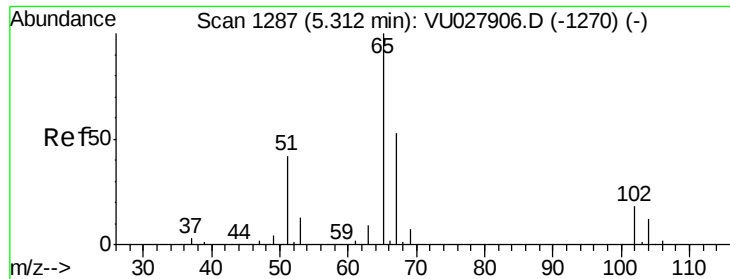


#31

Cyclohexane
 Concen: Below Cal
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Tgt Ion	Ratio	Lower	Upper
56	100		
69	155.0	23.7	35.5#
84	137.1	58.2	87.4#

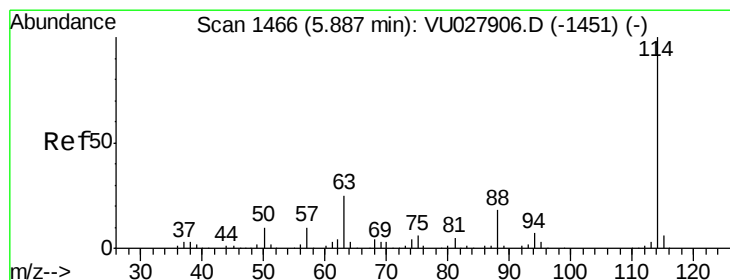
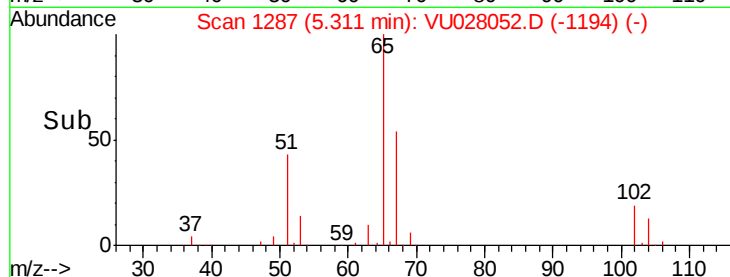
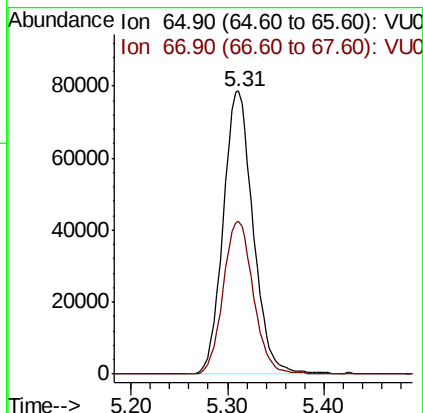
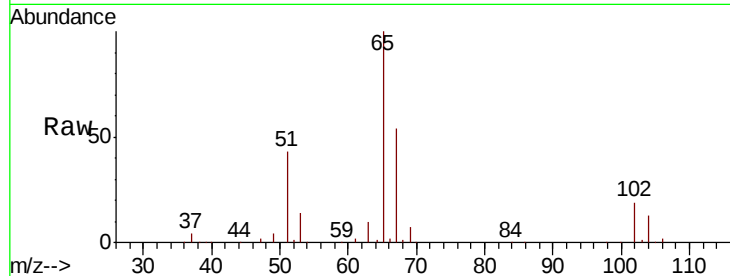




#33
 1,2-Dichloroethane-d4
 Concen: 57.919 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

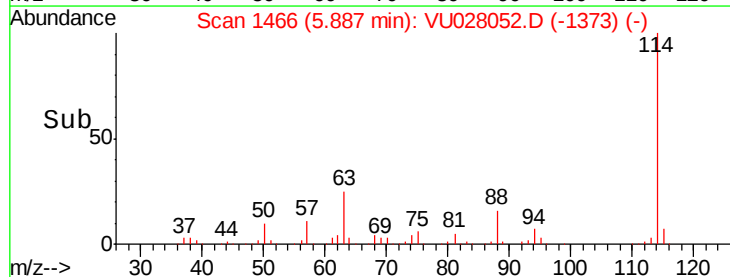
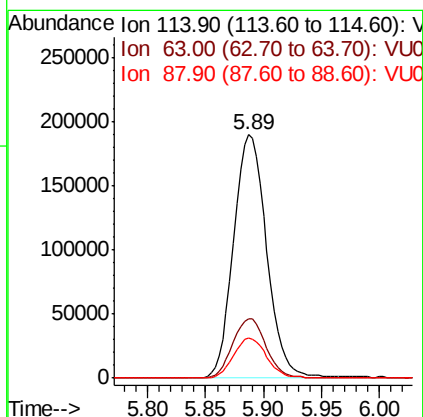
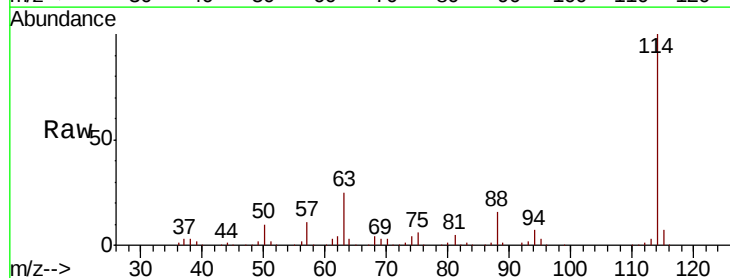
Instrument :
 MSVOA_U
 ClientSampleId :
 I.BLK

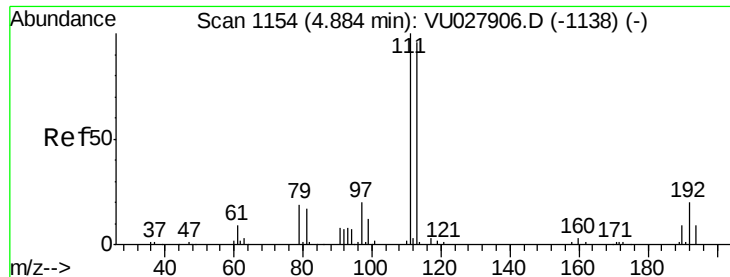
Tot Ion: 65 Resp: 168312
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Tgt Ion: 114 Resp: 376827
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.8
 88 16.4 0.0 35.8

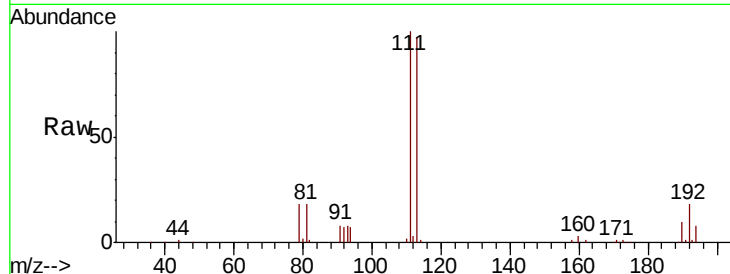




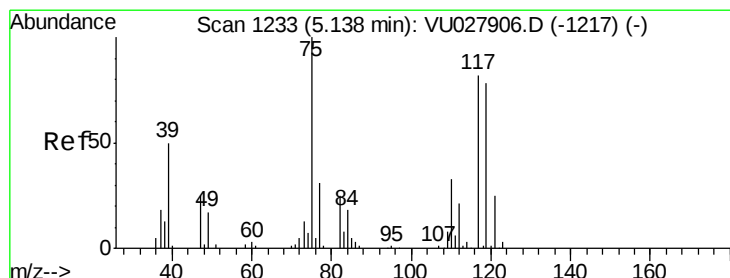
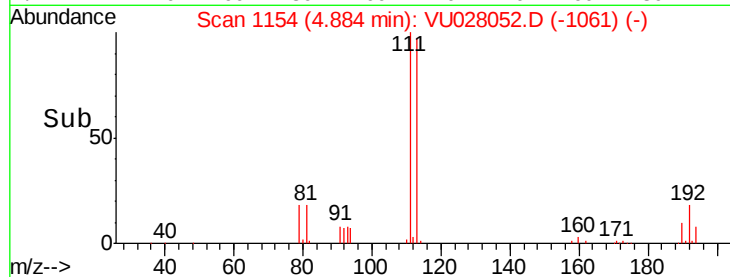
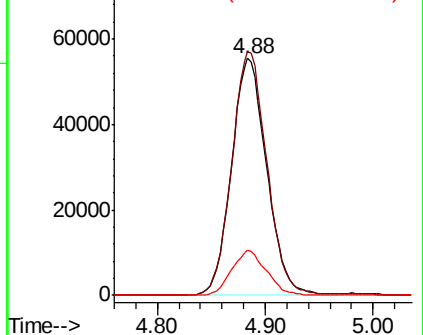
#35
 Dibromofluoromethane
 Concen: 53.086 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
 I.BLK

Tot Ion:113 Resp: 126130
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.6
 192 18.6 15.6 23.4

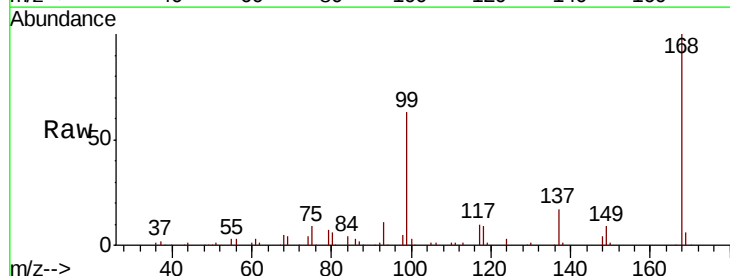


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

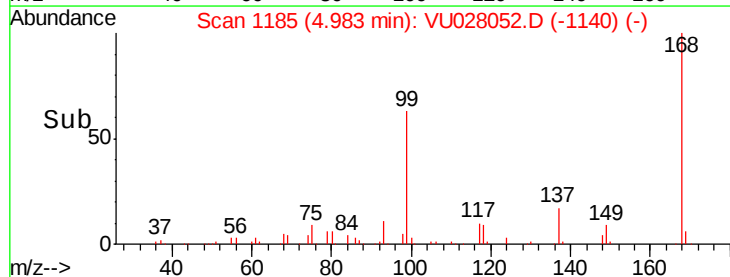
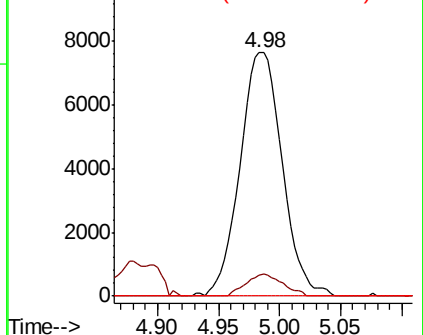


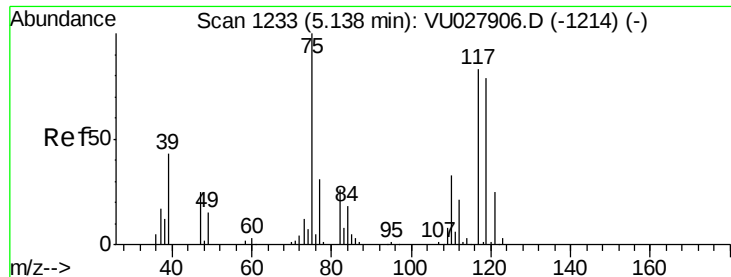
#36
 1,1-Dichloropropene
 Concen: 4.638 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028052.D
 Acq: 09 Nov 2018 18:09

Tgt Ion: 75 Resp: 18306
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.5 49.5#
 77 0.0 24.9 37.3#



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: 5.384 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

I.BLK

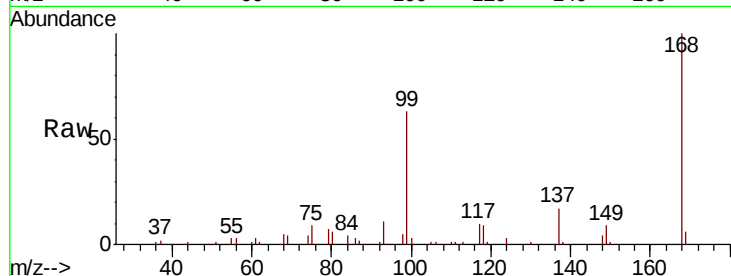
Tot Ion:117 Resp: 18832

Ion Ratio Lower Upper

117 100

119 7.0 76.0 114.0#

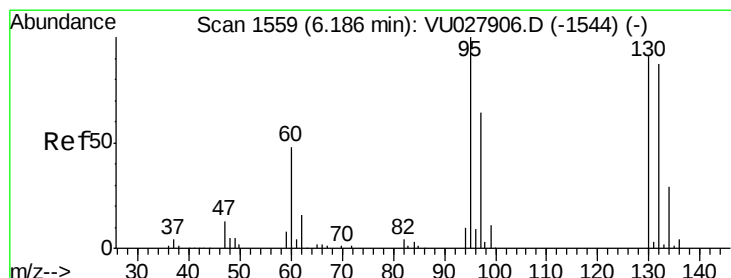
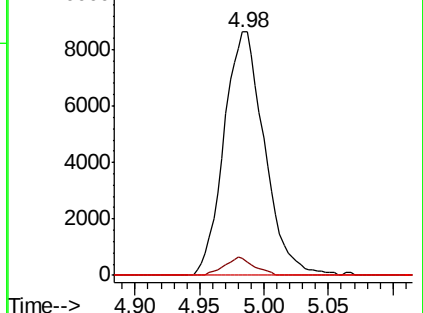
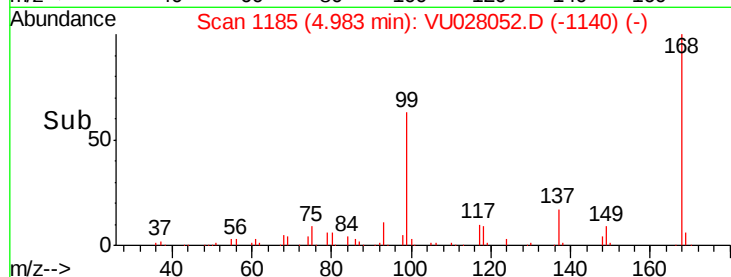
121 0.0 24.5 36.7#



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: 0.439 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028052.D

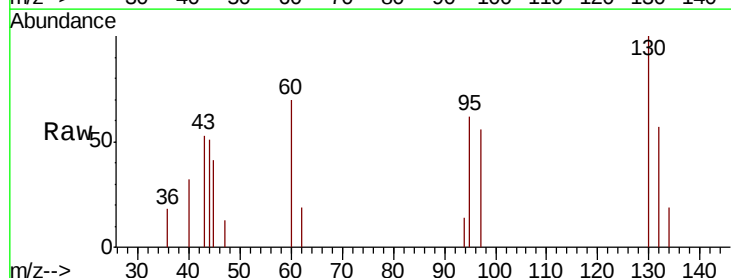
Acq: 09 Nov 2018 18:09

Tgt Ion:130 Resp: 1139

Ion Ratio Lower Upper

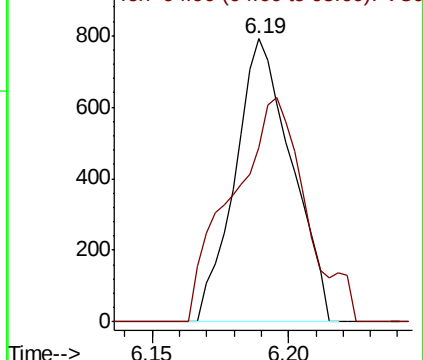
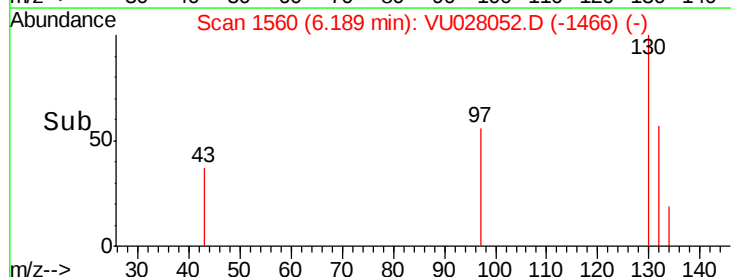
130 100

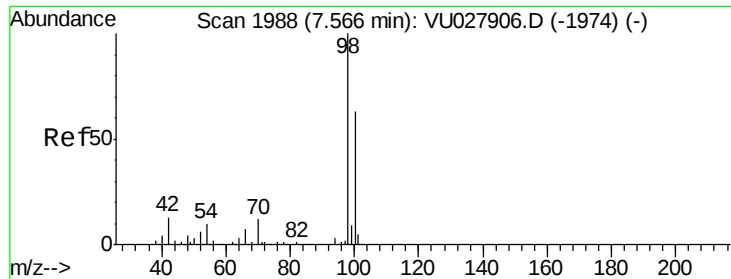
95 61.8 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

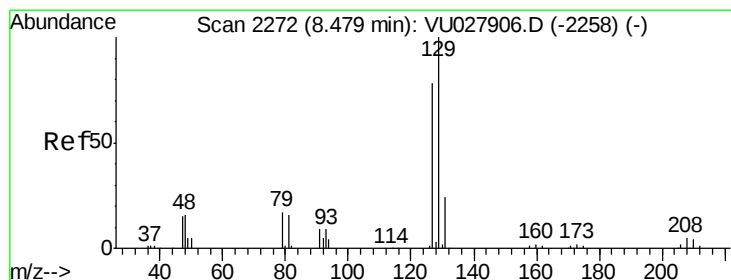
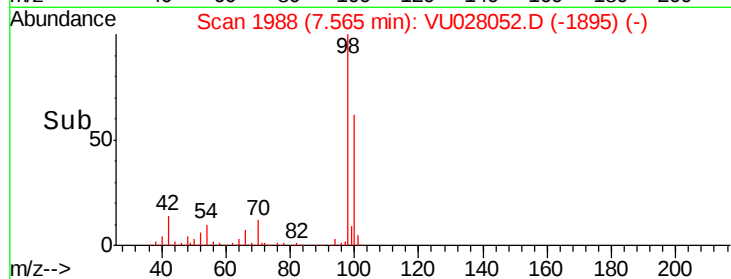
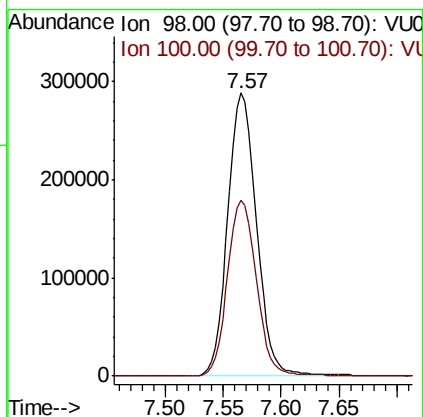
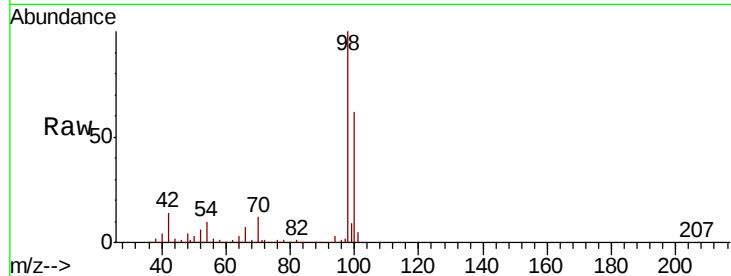




#50
Toluene-d8
Concen: 54.379 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028052.D
Acq: 09 Nov 2018 18:09

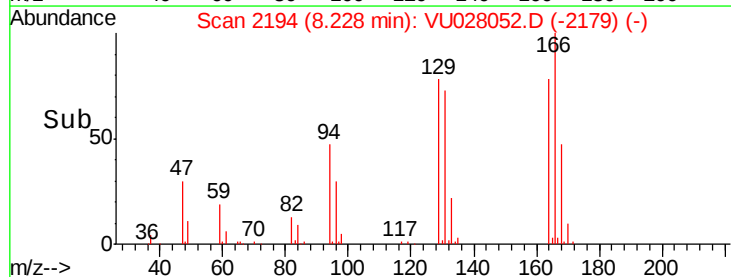
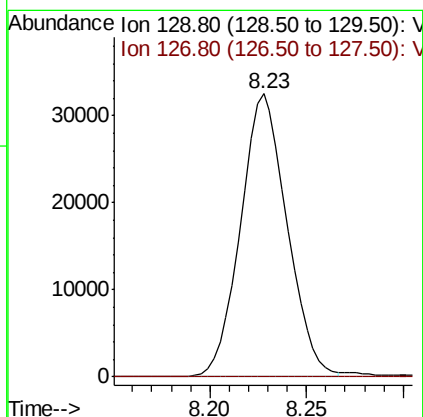
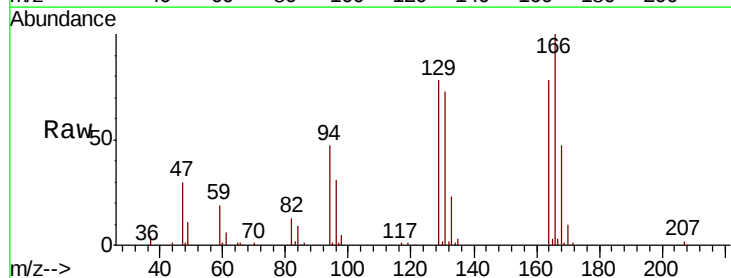
Instrument :
MSVOA_U
ClientSampled :
I.BLK

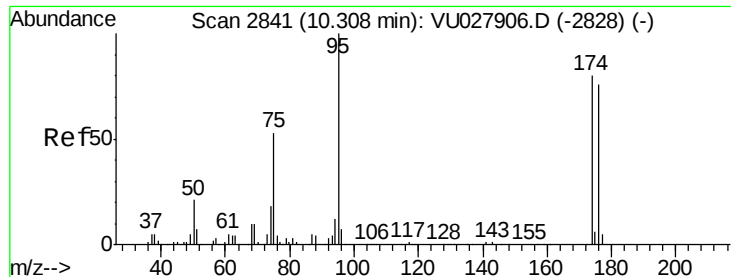
Tot Ion: 98 Resp: 499097
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1



#60
Dibromochloromethane
Concen: 19.917 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028052.D
Acq: 09 Nov 2018 18:09

Tgt Ion: 129 Resp: 54393
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#





#62

4-Bromofluorobenzene

Concen: 48.722 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampled :

I.BLK

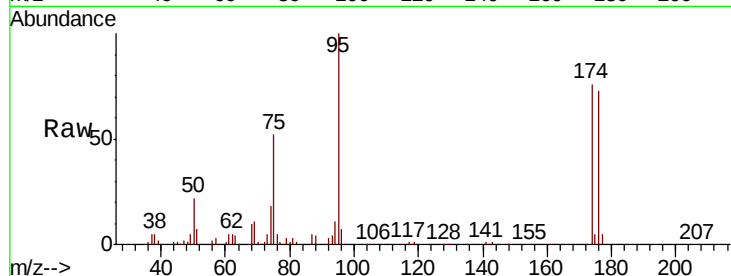
Tot Ion: 95 Resp: 164939

Ion Ratio Lower Upper

95 100

174 75.5 0.0 156.4

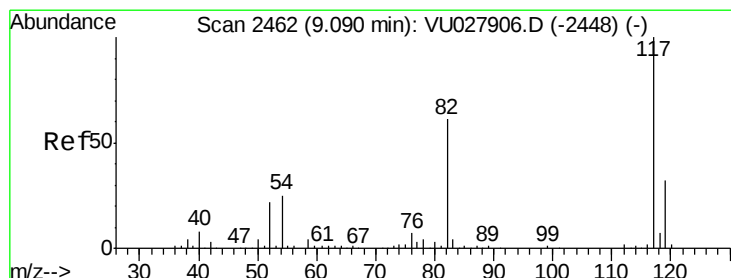
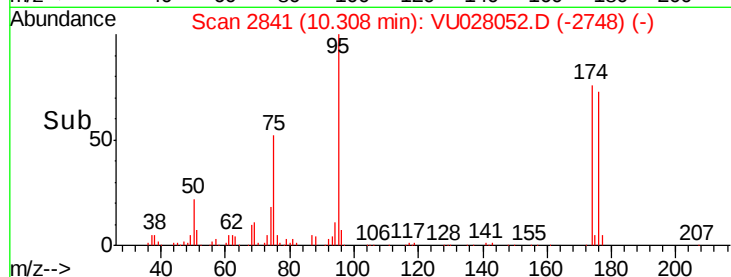
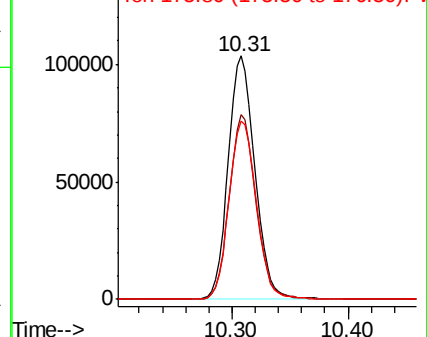
176 75.0 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

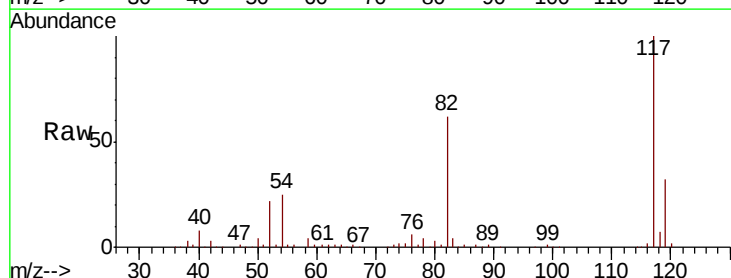
Tgt Ion: 117 Resp: 345471

Ion Ratio Lower Upper

117 100

82 62.5 48.6 73.0

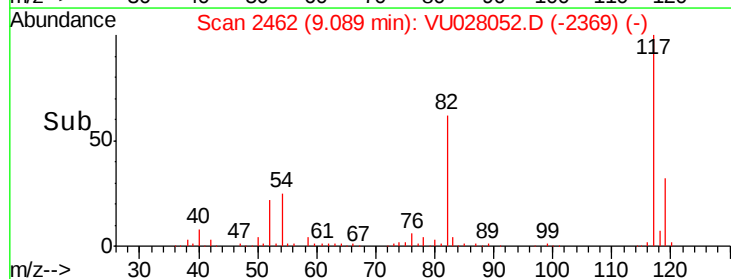
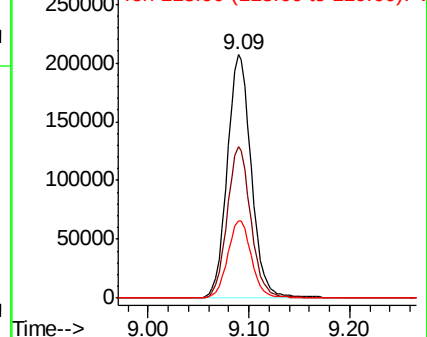
119 31.9 25.8 38.8

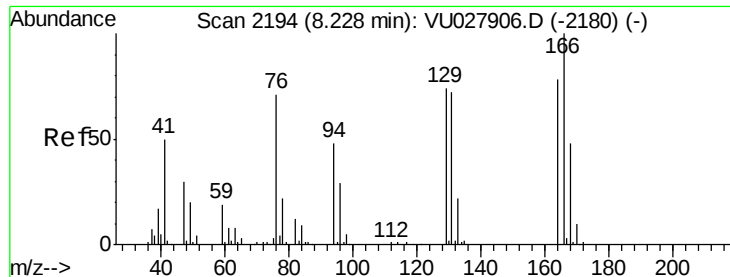


Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)





#64

Tetrachloroethene

Concen: 25.446 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

I.BLK

Tot Ion:164 Resp: 57002

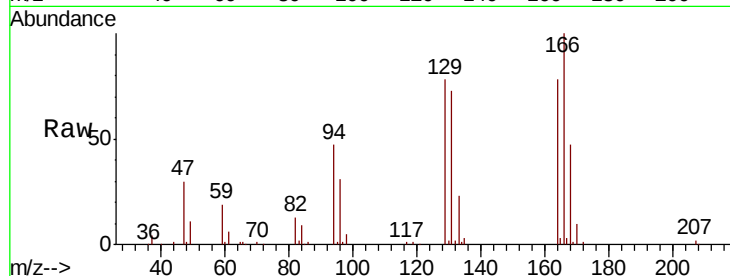
Ion Ratio Lower Upper

164 100

166 128.2 102.1 153.1

129 99.7 75.9 113.9

131 93.9 73.0 109.6

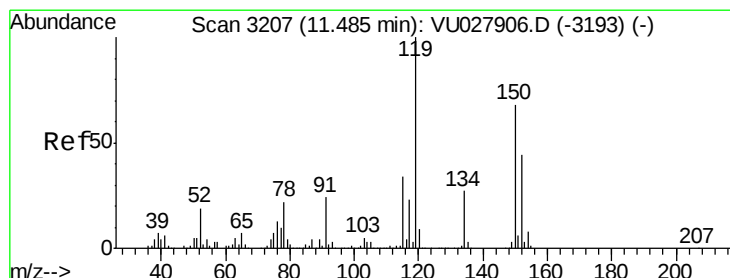
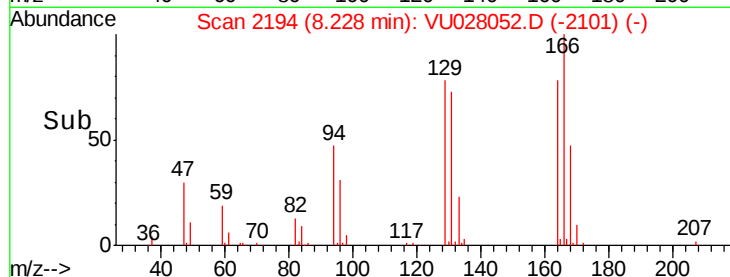
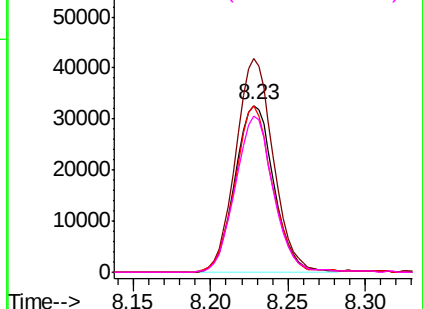


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VU028052.D

Acq: 09 Nov 2018 18:09

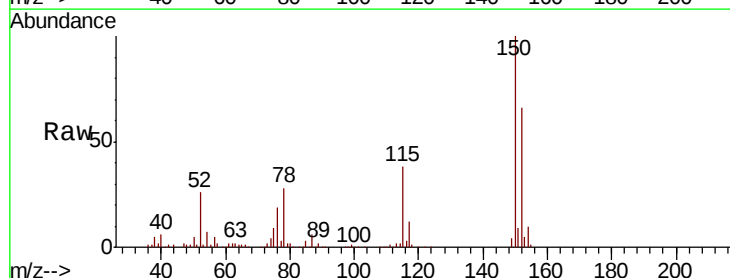
Tgt Ion:152 Resp: 140995

Ion Ratio Lower Upper

152 100

115 58.8 43.0 129.0

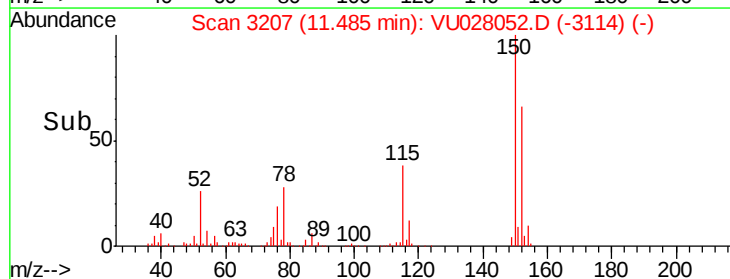
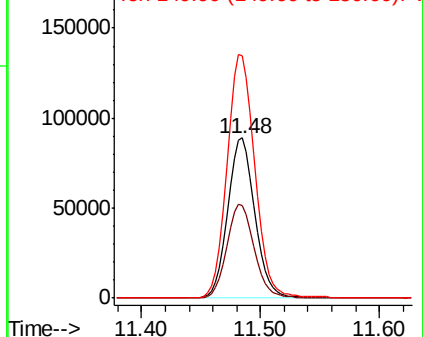
150 156.1 0.0 349.4

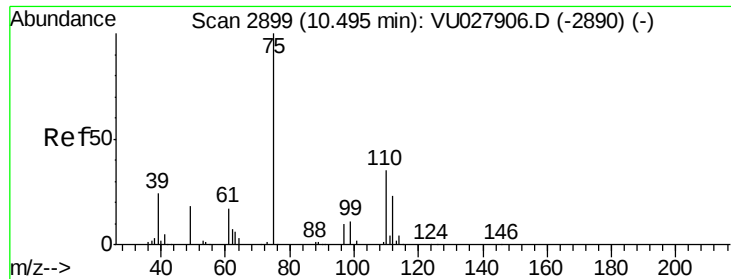


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.616 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

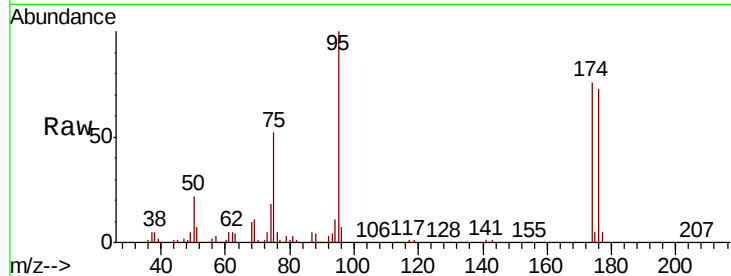
I.BLK

Tot Ion: 75 Resp: 87220

Ion Ratio Lower Upper

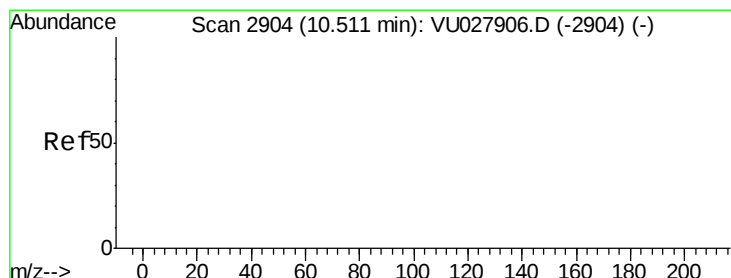
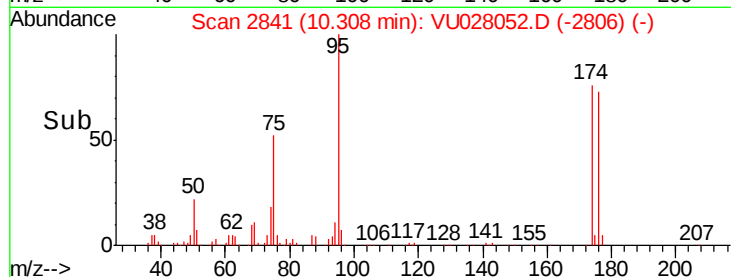
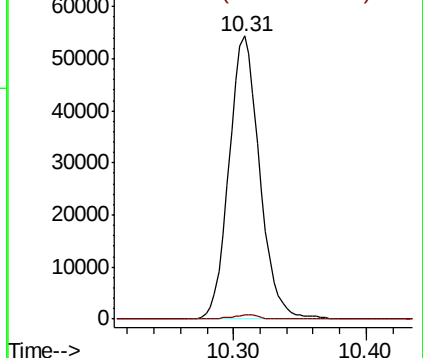
75 100

77 1.3 21.6 64.6#



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: 56.433 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU028052.D

Acq: 09 Nov 2018 18:09

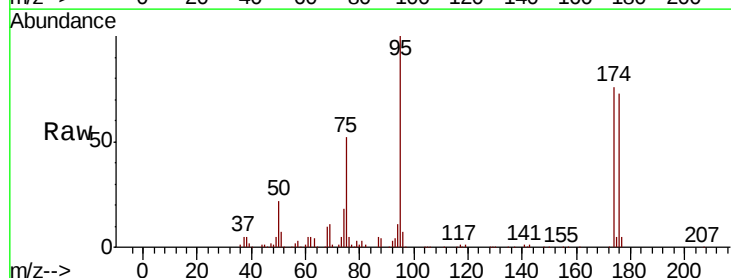
Tgt Ion: 75 Resp: 87220

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

