

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028629.D
 Acq On : 12 Dec 2018 00:05
 Operator : MD/SY
 Sample : J6298-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BUS-WASH-1ST-FLOOR

Quant Time: Dec 12 05:48:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

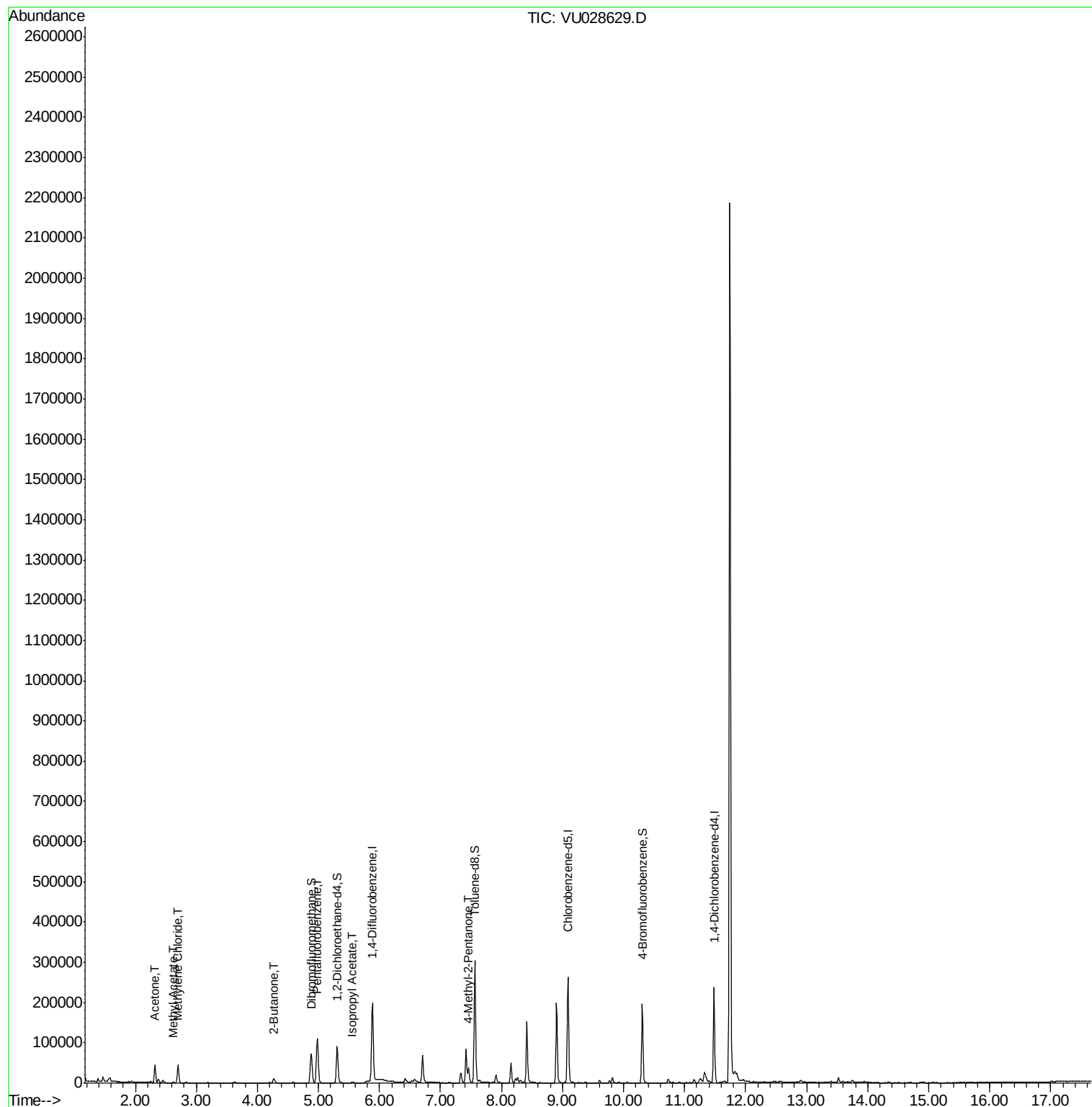
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	81356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	149796	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	57043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69666	56.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.22%	
35) Dibromofluoromethane	4.88	113	50890	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
50) Toluene-d8	7.56	98	197163	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	10.30	95	65651	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
Target Compounds						
16) Acetone	2.32	43	47284	58.363	ug/l	97
18) Methyl Acetate	2.62	43	3787	1.803	ug/l #	79
20) Methylene Chloride	2.70	84	18641	15.608	ug/l	96
25) 2-Butanone	4.27	43	19098	17.249	ug/l	100
43) Isopropyl Acetate	5.55	43	4092	1.221	ug/l #	94
51) 4-Methyl-2-Pentanone	7.46	43	26053	12.325	ug/l	99

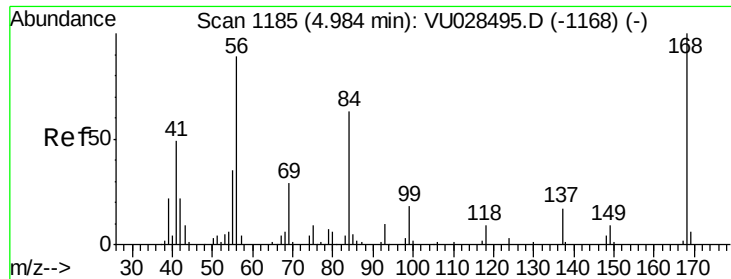
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028629.D

Acq: 12 Dec 2018 00:05

Instrument :

MSVOA_U

ClientSampleId :

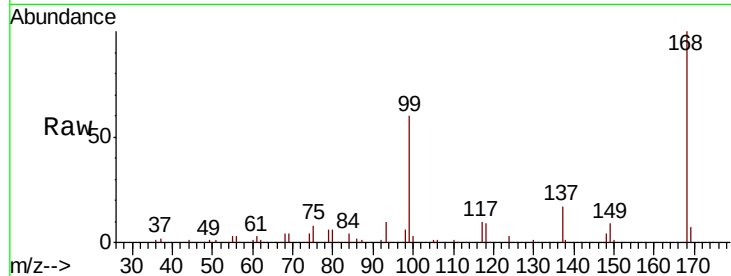
BUS-WASH-1ST-FLOOR

Tot Ion:168 Resp: 81356

Ion Ratio Lower Upper

168 100

99 60.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028629.D (-1092) (-)

4.98

40000

30000

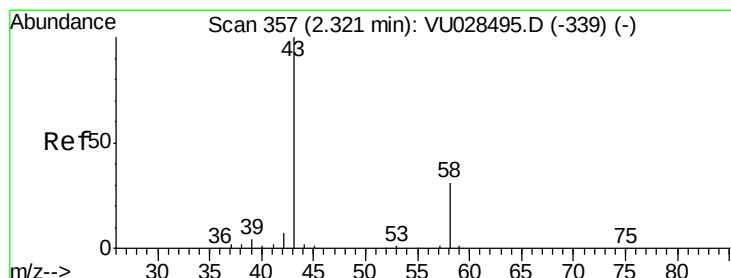
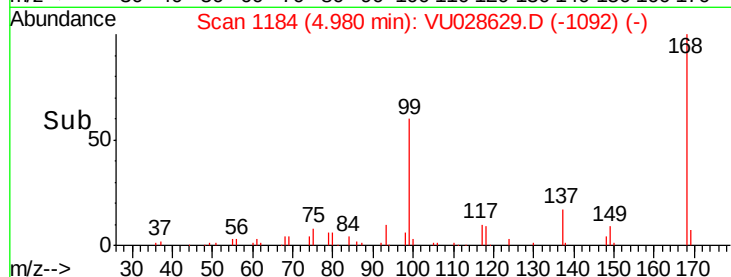
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 58.363 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028629.D

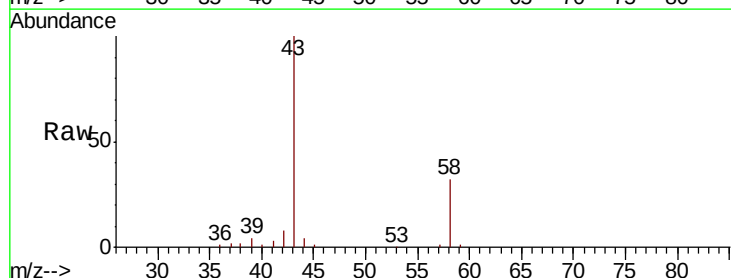
Acq: 12 Dec 2018 00:05

Tgt Ion: 43 Resp: 47284

Ion Ratio Lower Upper

43 100

58 32.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU028629.D (-264) (-)

2.32

30000

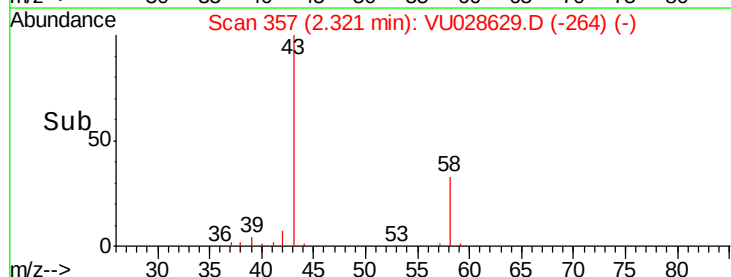
20000

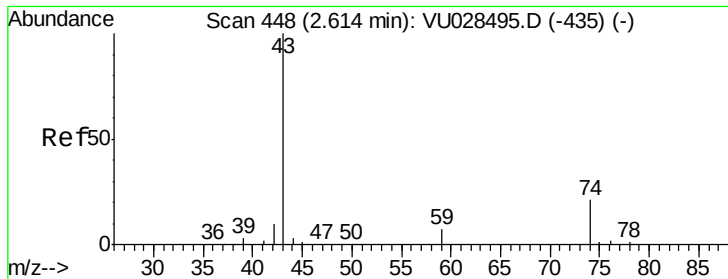
10000

0

2.25 2.30 2.35 2.40

Time-->





#18

Methvl Acetate

Concen: 1.803 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028629.D

Acq: 12 Dec 2018 00:05

Instrument :

MSVOA_U

ClientSampleId :

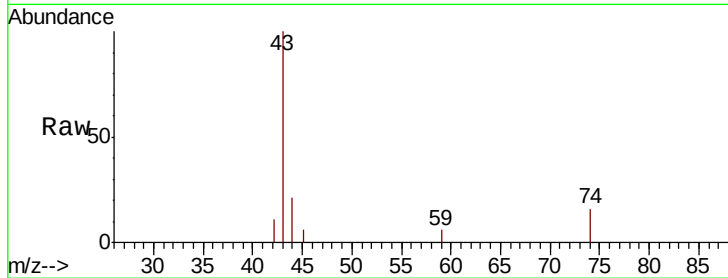
BUS-WASH-1ST-FLOOR

Tot Ion: 43 Resp: 3787

Ion Ratio Lower Upper

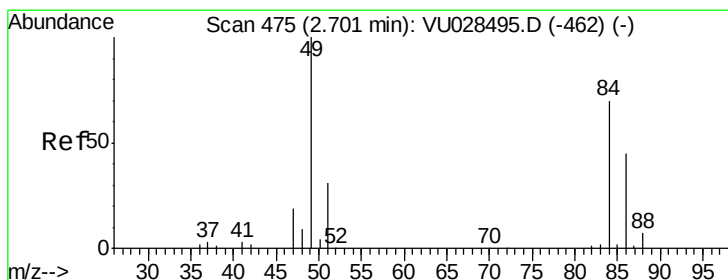
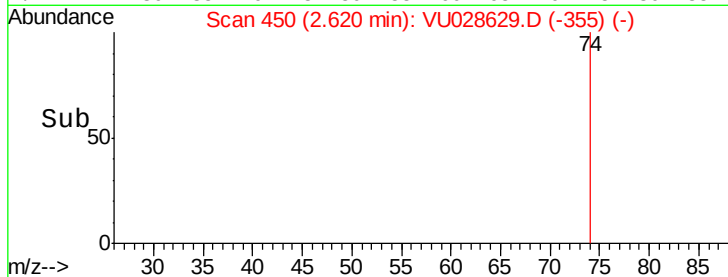
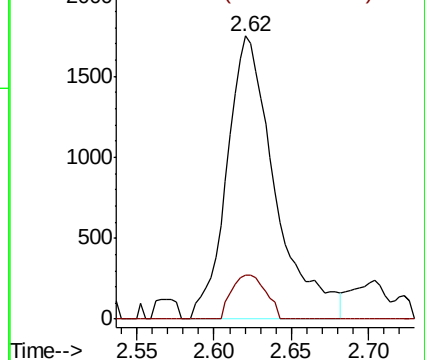
43 100

74 11.0 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#20

Methylene Chloride

Concen: 15.608 ug/l

RT: 2.70 min Scan# 474

Delta R.T. -0.00 min

Lab File: VU028629.D

Acq: 12 Dec 2018 00:05

Tgt Ion: 84 Resp: 18641

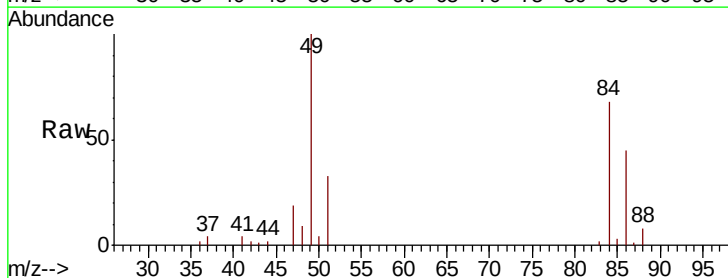
Ion Ratio Lower Upper

84 100

49 147.1 114.0 171.0

51 48.8 35.1 52.7

86 65.9 51.0 76.6

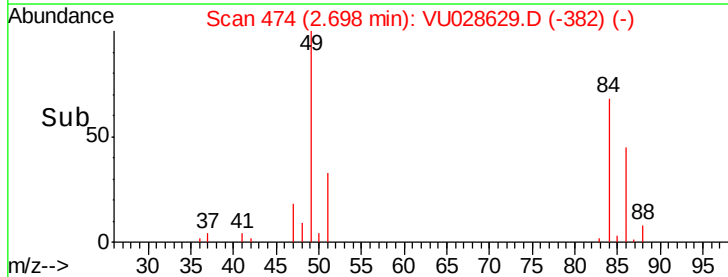
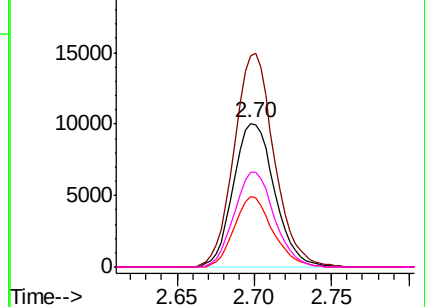


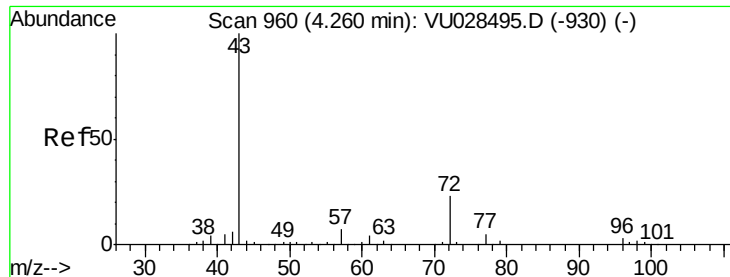
Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

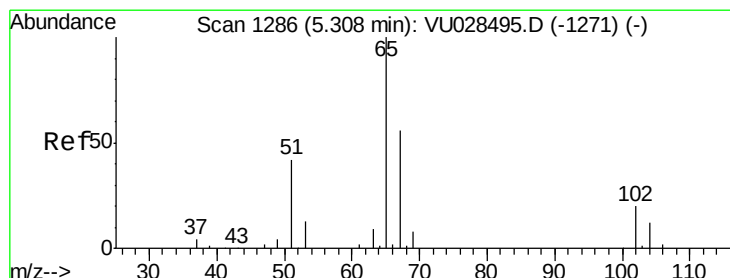
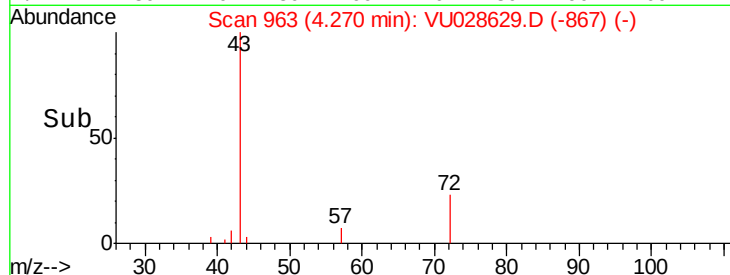
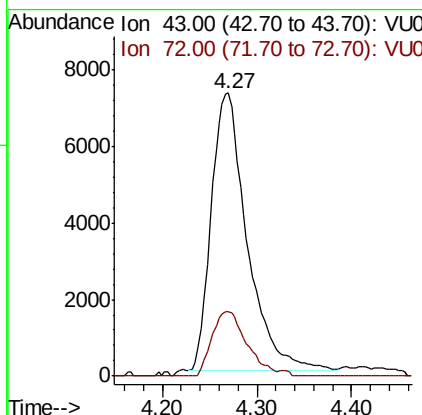
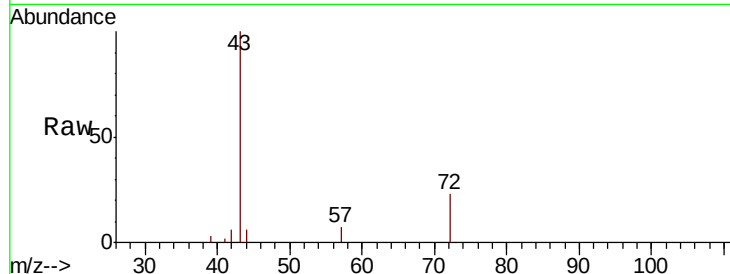




#25
 2-Butanone
 Concen: 17.249 ug/l
 RT: 4.27 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: VU028629.D
 Acq: 12 Dec 2018 00:05

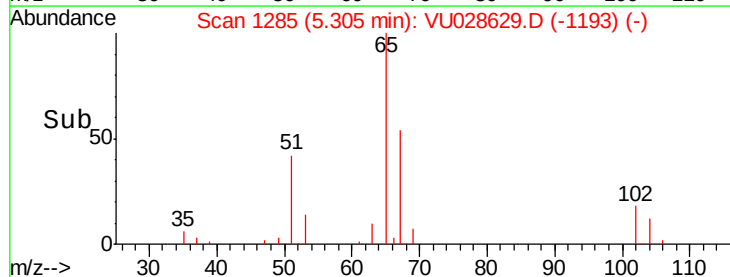
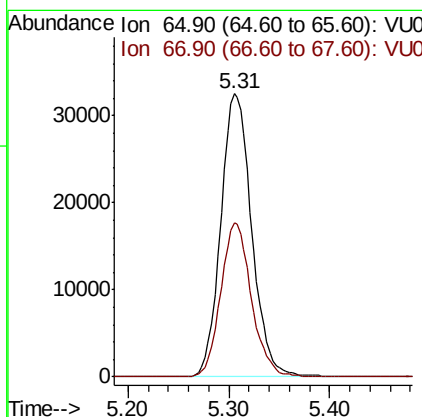
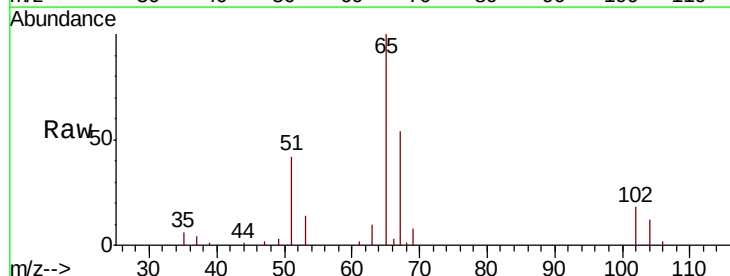
Instrument :
 MSVOA_U
 ClientSampleId :
 BUS-WASH-1ST-FLOOR

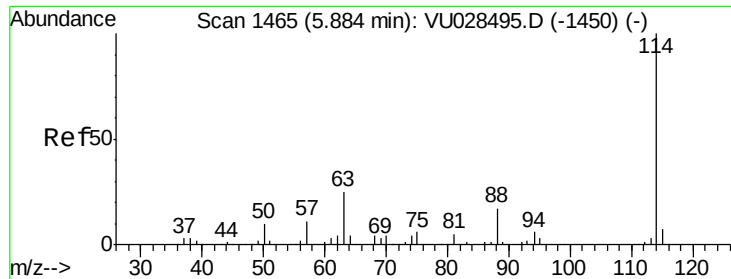
Tot Ion: 43 Resp: 19098
 Ion Ratio Lower Upper
 43 100
 72 23.3 18.6 28.0



#33
 1,2-Dichloroethane-d4
 Concen: 56.112 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VU028629.D
 Acq: 12 Dec 2018 00:05

Tgt Ion: 65 Resp: 69666
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028629.D

Acq: 12 Dec 2018 00:05

Instrument :

MSVOA_U

ClientSampleId :

BUS-WASH-1ST-FLOOR

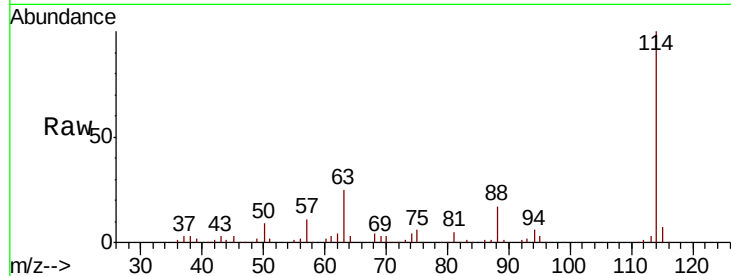
Tot Ion:114 Resp: 149796

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

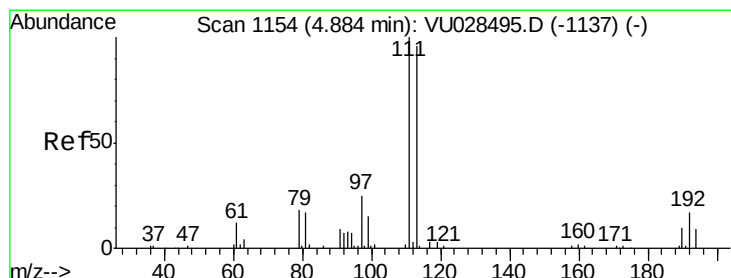
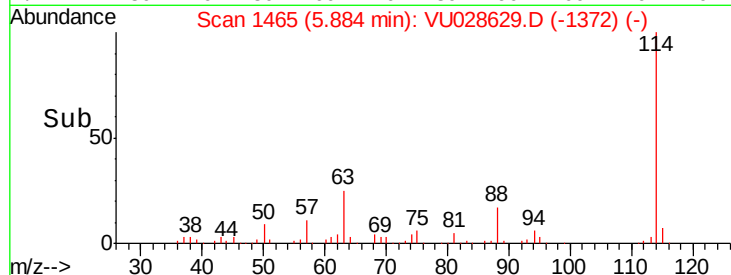
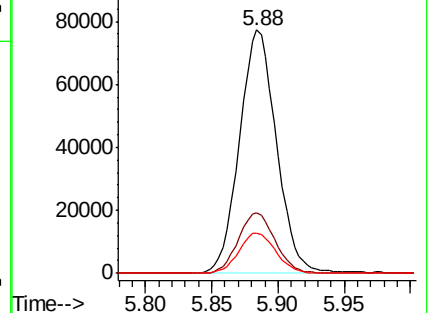
88 16.6 0.0 33.4



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: 53.985 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028629.D

Acq: 12 Dec 2018 00:05

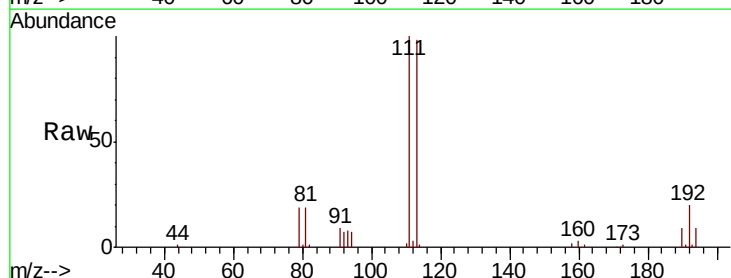
Tgt Ion:113 Resp: 50890

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

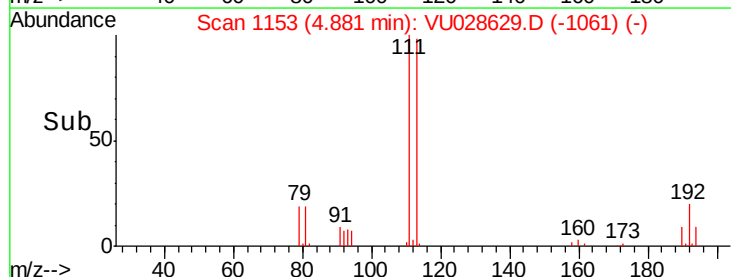
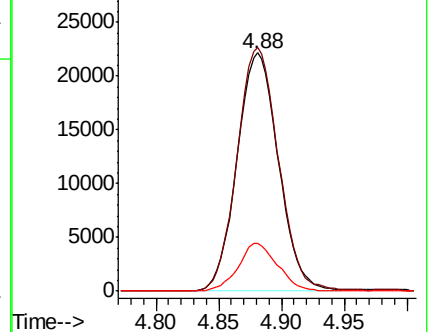
192 18.9 14.8 22.2

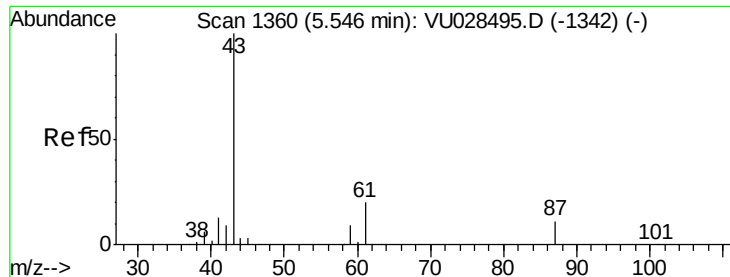


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.221 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VU028629.D

Acq: 12 Dec 2018 00:05

Instrument :

MSVOA_U

ClientSampleId :

BUS-WASH-1ST-FLOOR

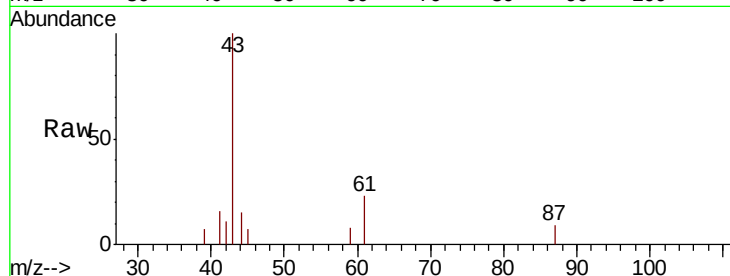
Tot Ion: 43 Resp: 4092

Ion Ratio Lower Upper

43 100

61 17.3 15.5 23.3

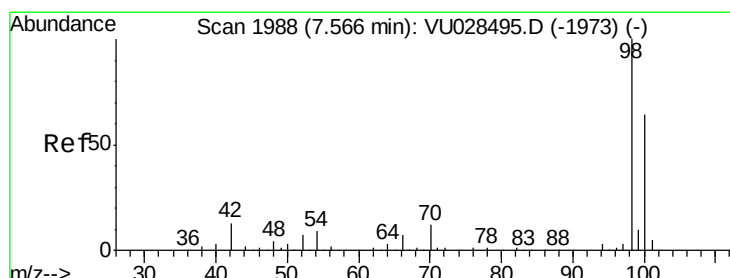
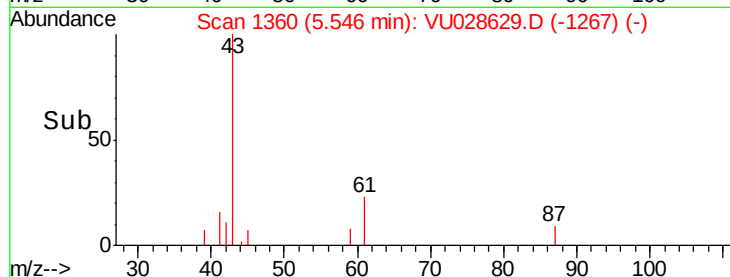
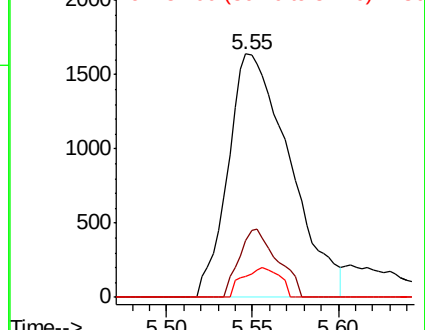
87 7.3 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VU028629.D (-1360) (-)

Ion 61.00 (60.70 to 61.70): VU028629.D (-1360) (-)

Ion 87.00 (86.70 to 87.70): VU028629.D (-1360) (-)



#50

Toluene-d8

Concen: 52.872 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028629.D

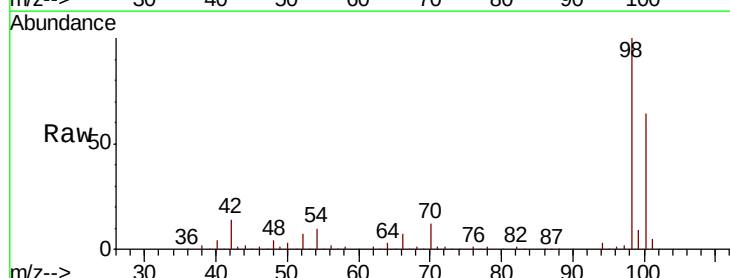
Acq: 12 Dec 2018 00:05

Tgt Ion: 98 Resp: 197163

Ion Ratio Lower Upper

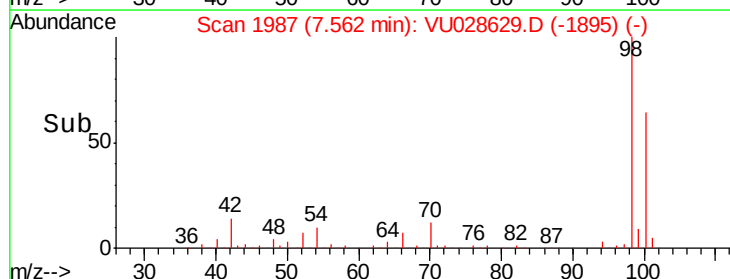
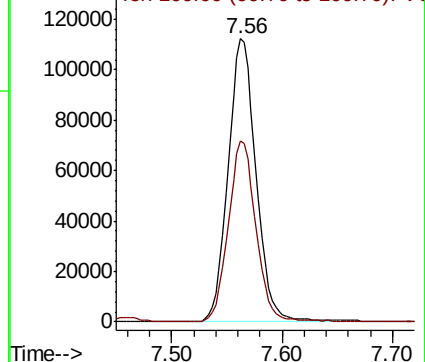
98 100

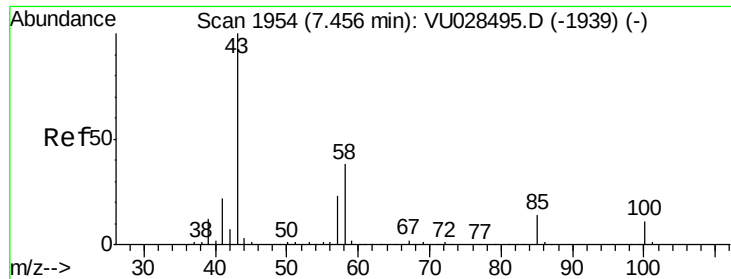
100 63.2 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028629.D (-1987) (-)

Ion 100.00 (99.70 to 100.70): VU028629.D (-1987) (-)





#51

4-Methyl-2-Pentanone

Concen: 12.325 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VU028629.D

Acq: 12 Dec 2018 00:05

Instrument :

MSVOA_U

ClientSampleId :

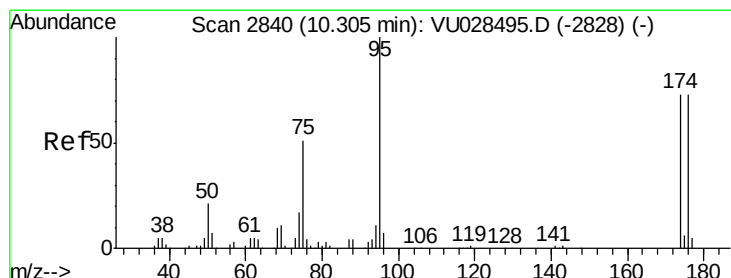
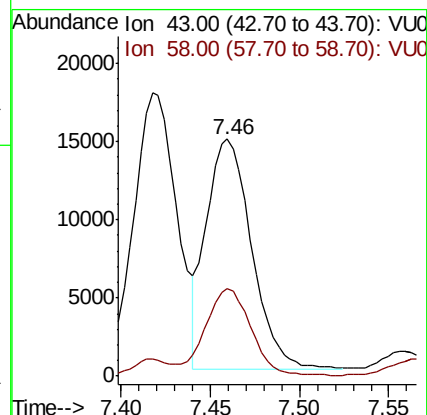
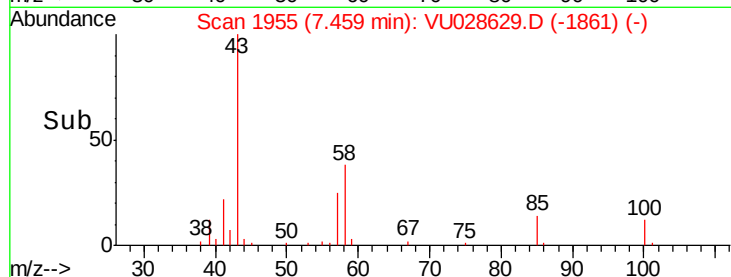
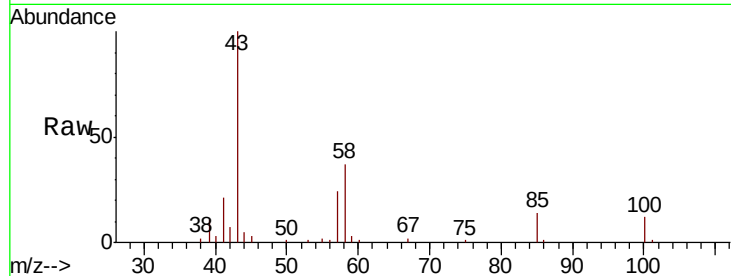
BUS-WASH-1ST-FLOOR

Tot Ion: 43 Resp: 26053

Ion Ratio Lower Upper

43 100

58 36.9 30.2 45.2



#62

4-Bromofluorobenzene

Concen: 47.103 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028629.D

Acq: 12 Dec 2018 00:05

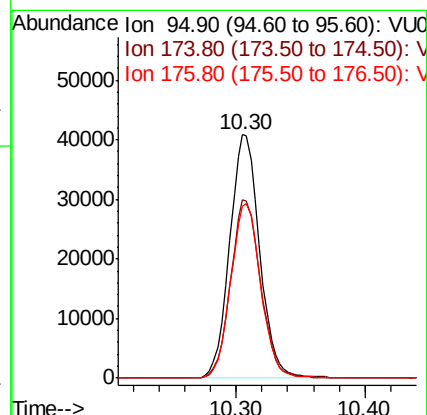
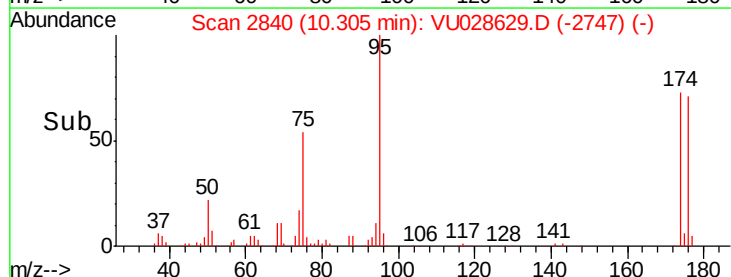
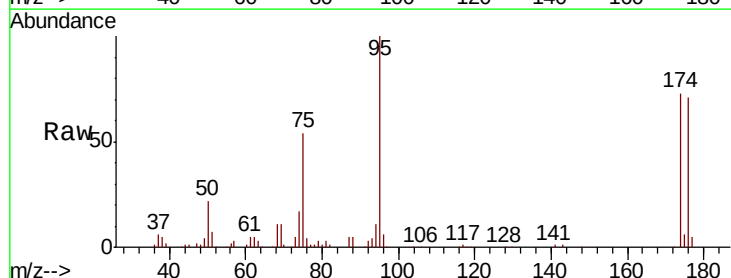
Tgt Ion: 95 Resp: 65651

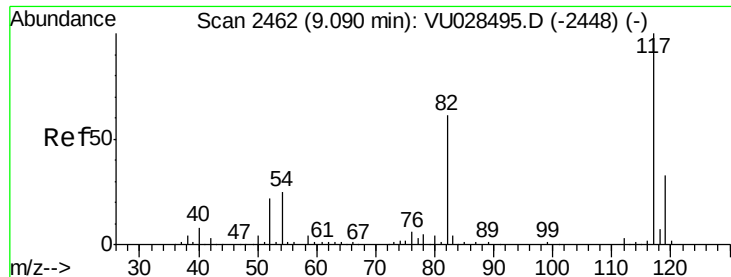
Ion Ratio Lower Upper

95 100

174 73.3 0.0 150.4

176 72.0 0.0 145.2

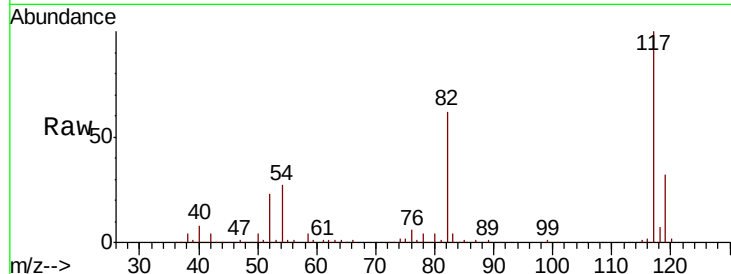




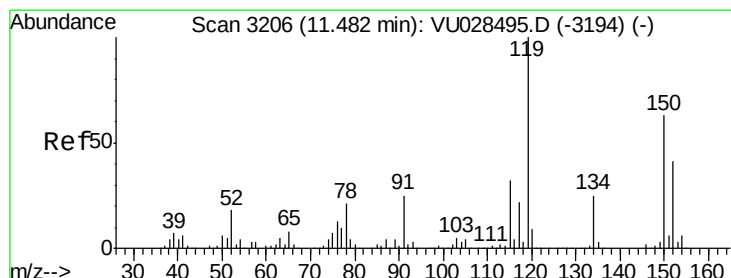
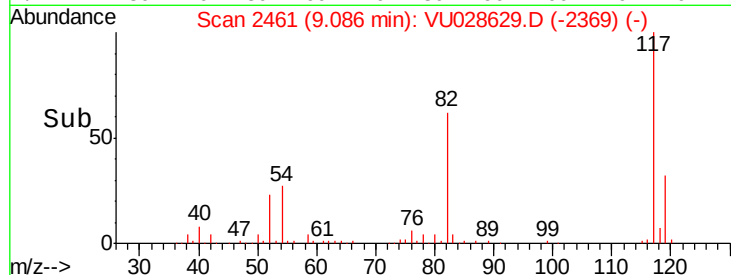
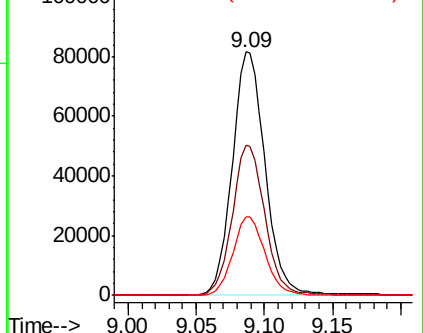
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028629.D
Acq: 12 Dec 2018 00:05

Instrument :
MSVOA_U
ClientSampleId :
BUS-WASH-1ST-FLOOR

Tot Ion:117 Resp: 136241
Ion Ratio Lower Upper
117 100
82 61.9 48.9 73.3
119 32.3 26.2 39.4

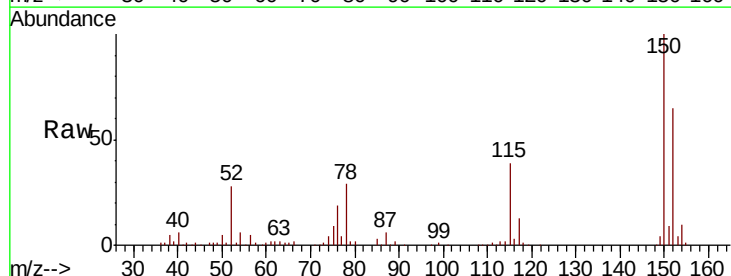


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028629.D
Acq: 12 Dec 2018 00:05

Tgt Ion:152 Resp: 57043
Ion Ratio Lower Upper
152 100
115 59.8 42.7 128.1
150 155.6 0.0 346.0



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

