

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029190.D
 Acq On : 15 Jan 2019 17:08
 Operator : JC/SP
 Sample : K1139-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S-2

Quant Time: Jan 16 06:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

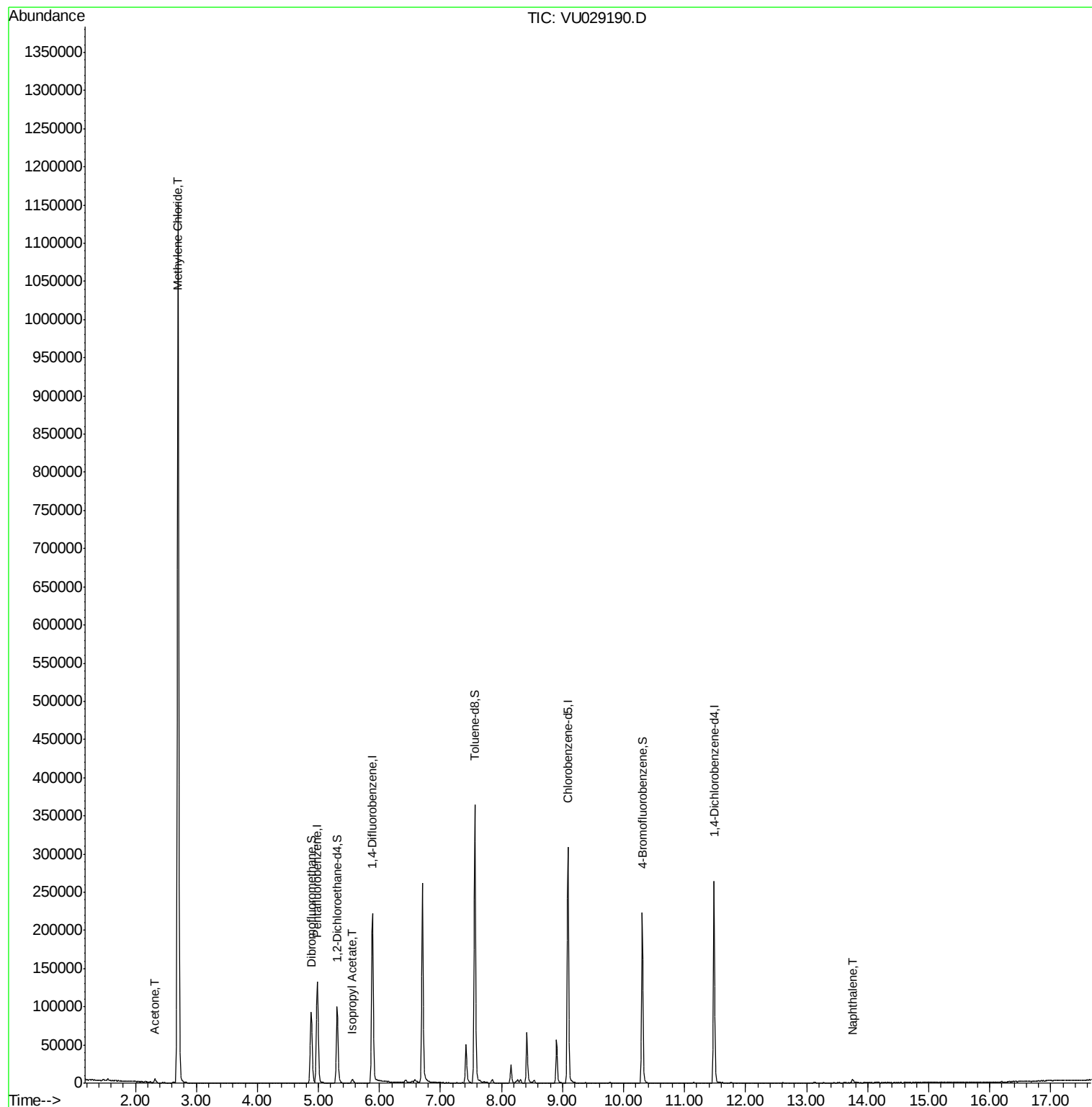
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193996	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75744	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.90%	
35) Dibromofluoromethane	4.88	113	66087	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
50) Toluene-d8	7.56	98	250769	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	10.31	95	76270	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.50%	
Target Compounds						
16) Acetone	2.32	43	6121	7.306	ug/l	95
20) Methylene Chloride	2.70	84	511405	359.524	ug/l	99
43) Isopropyl Acetate	5.56	43	6635	2.032	ug/l #	86
95) Naphthalene	13.75	128	6651	1.193	ug/l #	93

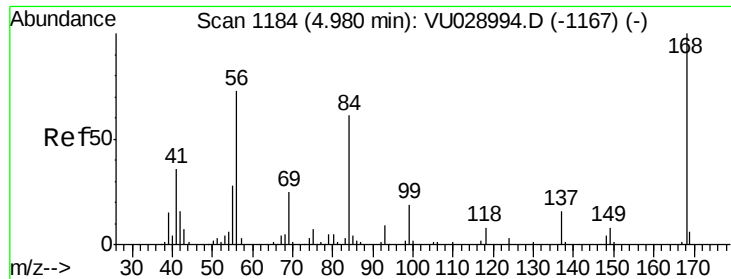
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029190.D

Acq: 15 Jan 2019 17:08

Instrument :

MSVOA_U

ClientSampleId :

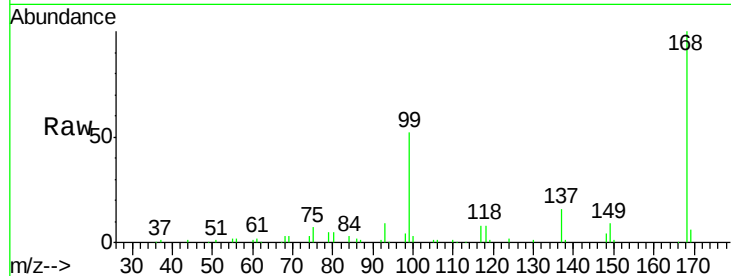
S-2

Tot Ion:168 Resp: 107582

Ion Ratio Lower Upper

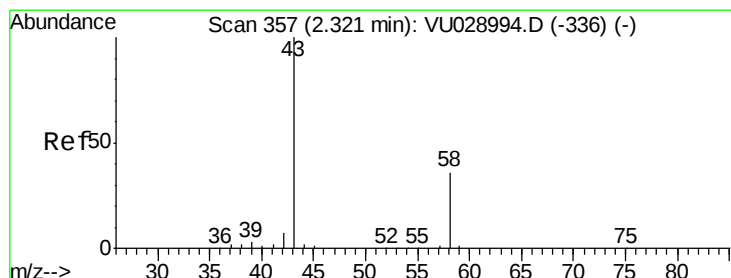
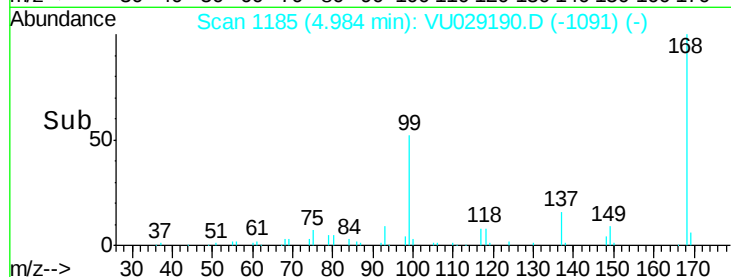
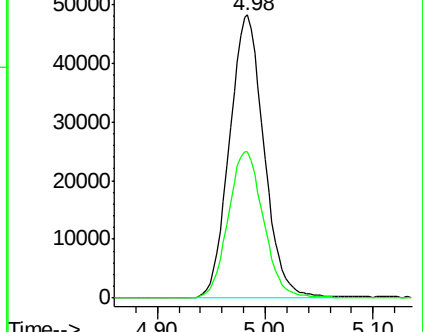
168 100

99 51.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#16

Acetone

Concen: 7.306 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU029190.D

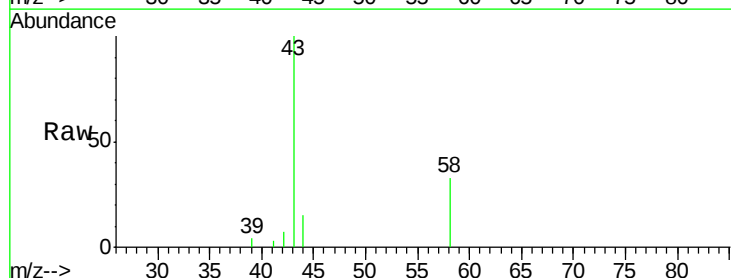
Acq: 15 Jan 2019 17:08

Tgt Ion: 43 Resp: 6121

Ion Ratio Lower Upper

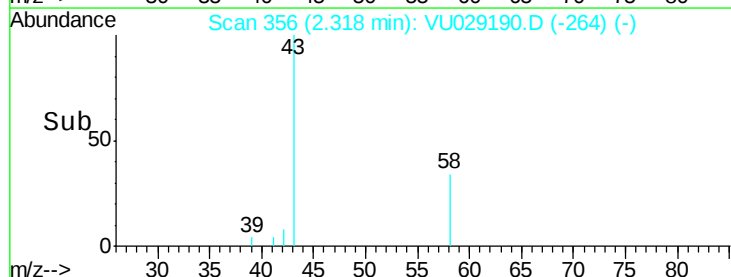
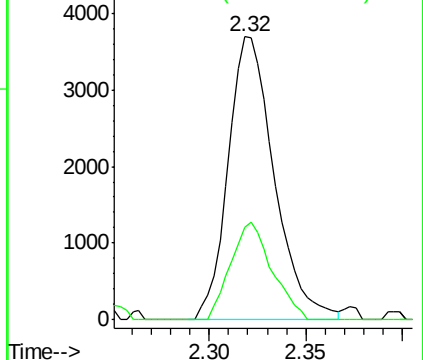
43 100

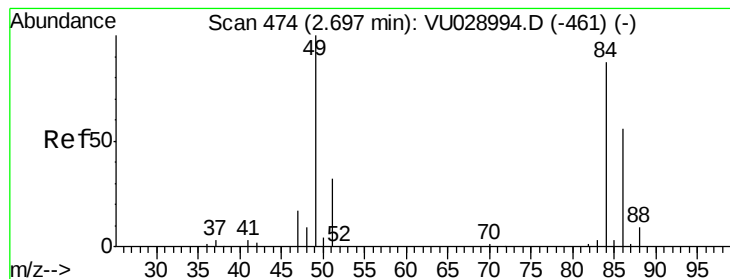
58 32.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)





#20

Methylene Chloride

Concen: 359.524 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029190.D

Acq: 15 Jan 2019 17:08

Instrument :

MSVOA_U

ClientSampleId :

S-2

Tot Ion: 84 Resp: 511405

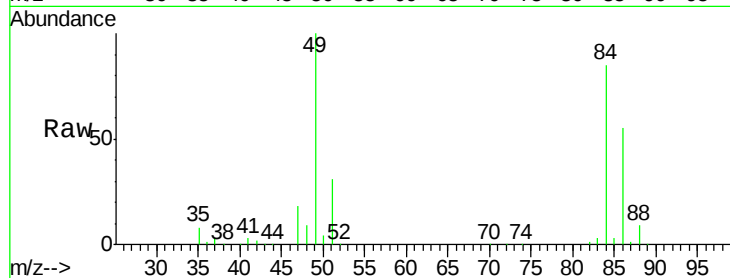
Ion Ratio Lower Upper

84 100

49 117.0 91.9 137.9

51 36.3 29.2 43.8

86 64.2 51.8 77.6

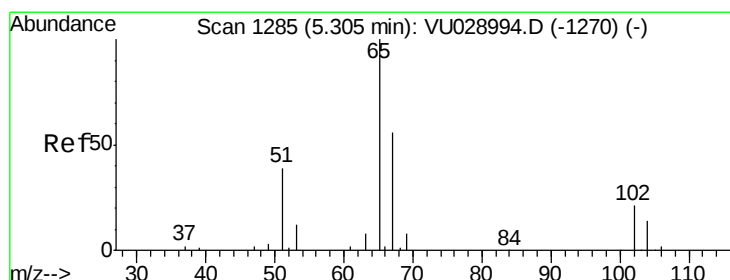
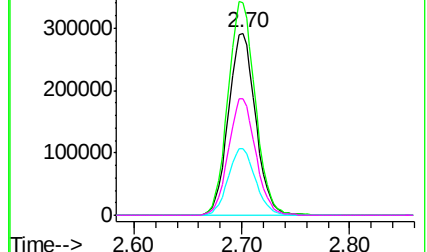
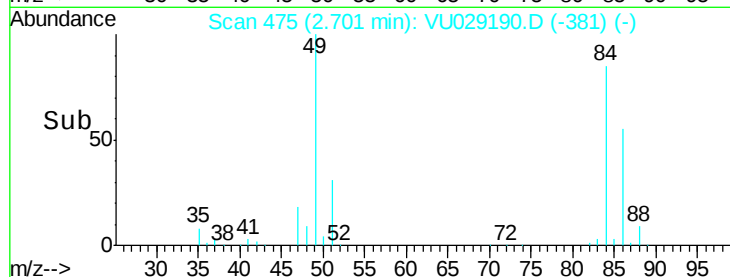


Abundance Ion 83.90 (83.60 to 84.60): VU0

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



#33

1,2-Dichloroethane-d4

Concen: 56.954 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029190.D

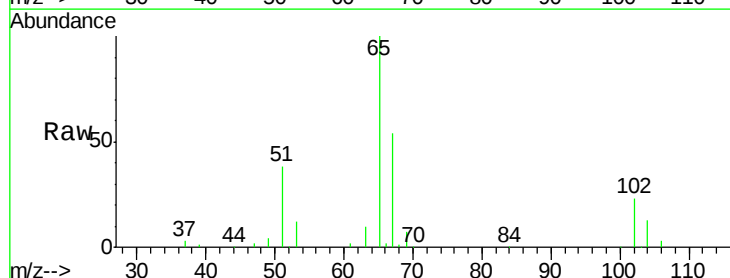
Acq: 15 Jan 2019 17:08

Tgt Ion: 65 Resp: 75744

Ion Ratio Lower Upper

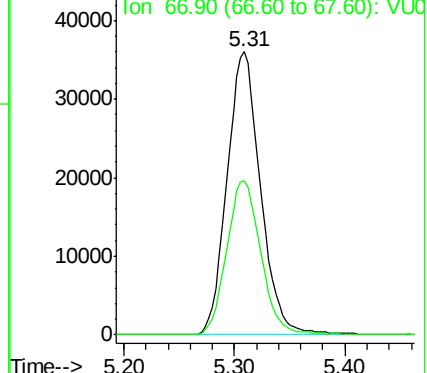
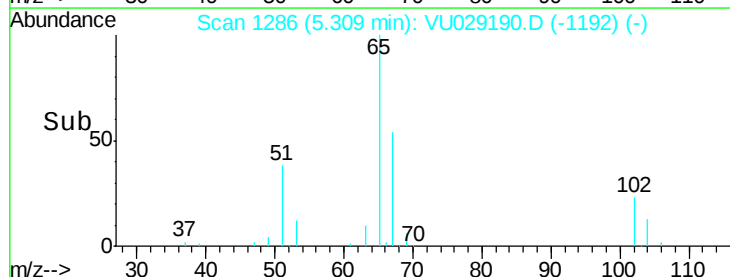
65 100

67 55.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

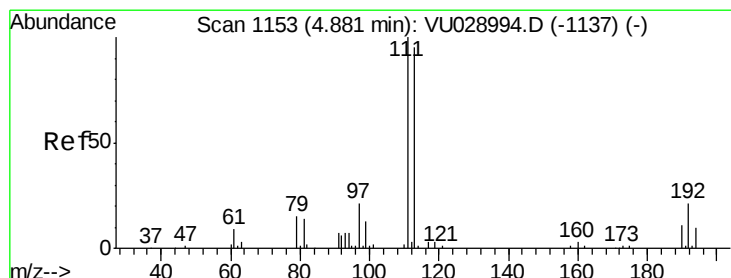
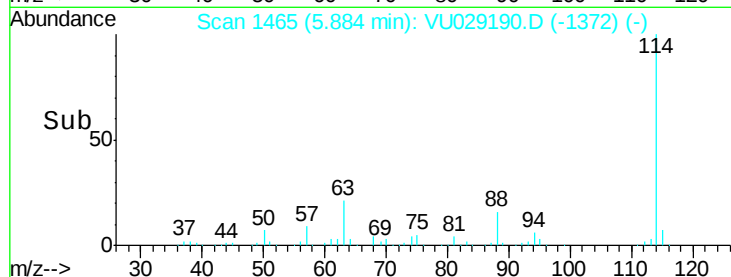
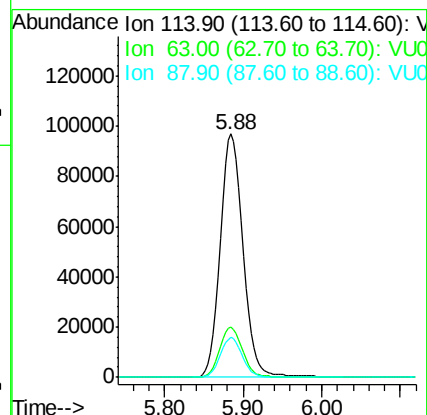
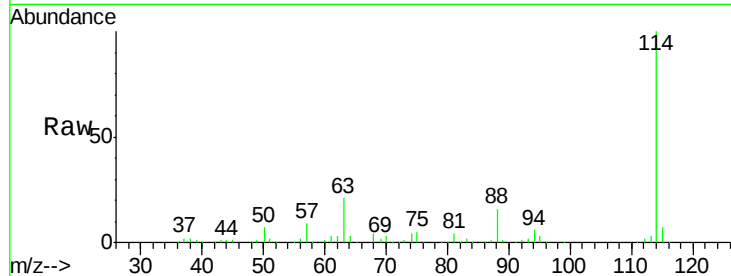




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029190.D
 Acq: 15 Jan 2019 17:08

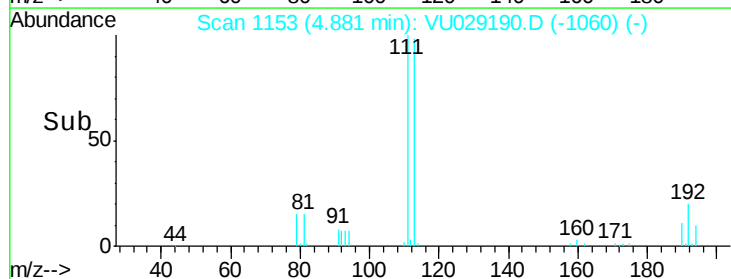
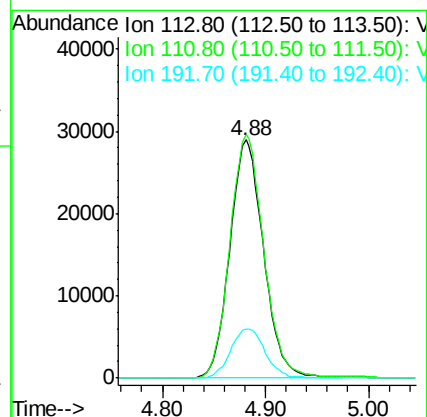
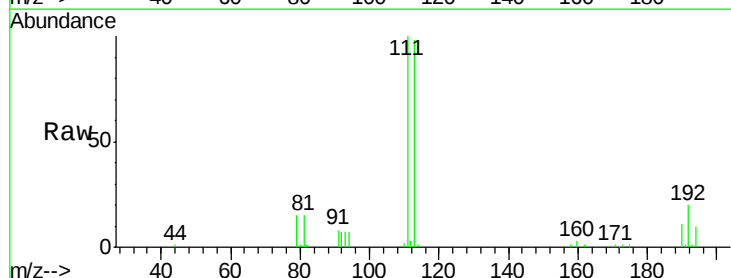
Instrument :
 MSVOA_U
 ClientSampleId :
 S-2

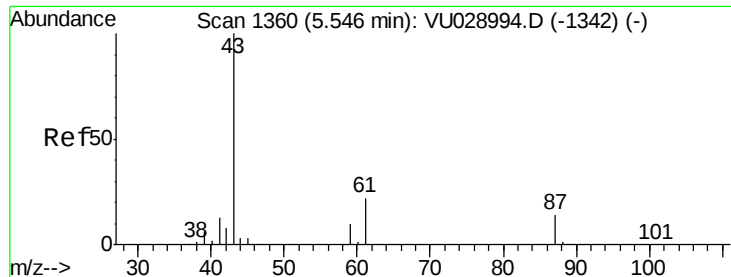
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.2
88	16.2	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 52.553 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029190.D
 Acq: 15 Jan 2019 17:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	21.0	16.8	25.2





#43

Isopropyl Acetate

Concen: 2.032 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU029190.D

Acq: 15 Jan 2019 17:08

Instrument :

MSVOA_U

ClientSampleId :

S-2

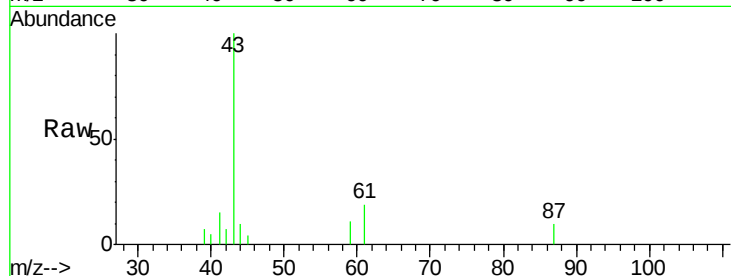
Tot Ion: 43 Resp: 6635

Ion Ratio Lower Upper

43 100

61 15.3 17.8 26.6#

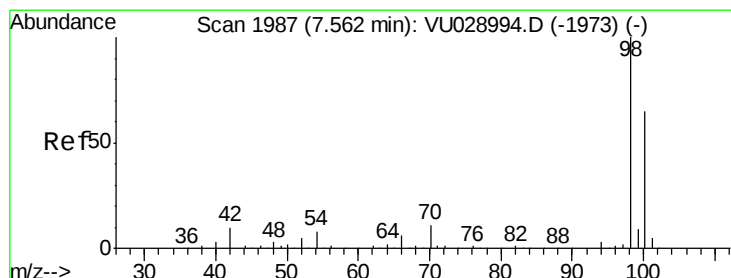
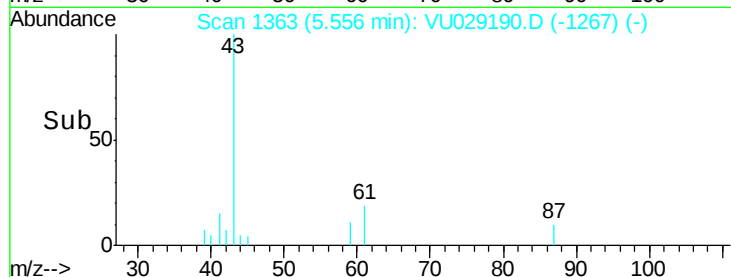
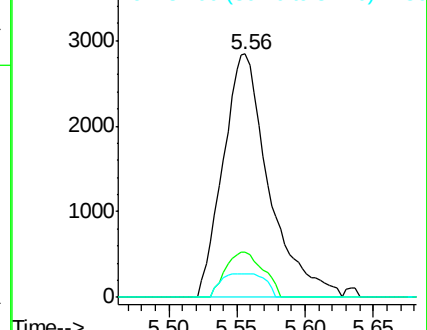
87 9.2 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VU029190.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU029190.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU029190.D (-1267) (-)



#50

Toluene-d8

Concen: 50.511 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029190.D

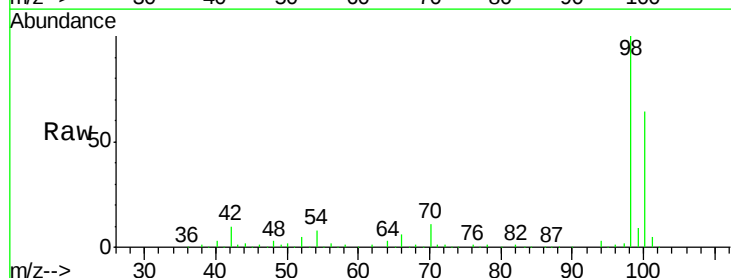
Acq: 15 Jan 2019 17:08

Tgt Ion: 98 Resp: 250769

Ion Ratio Lower Upper

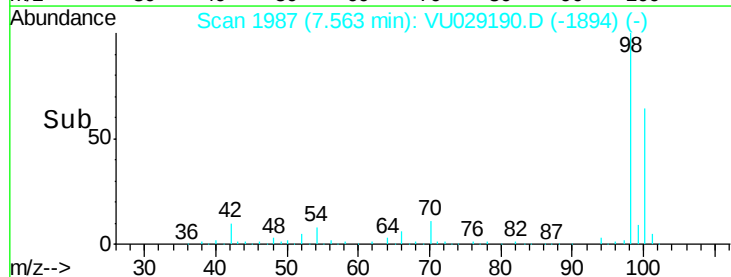
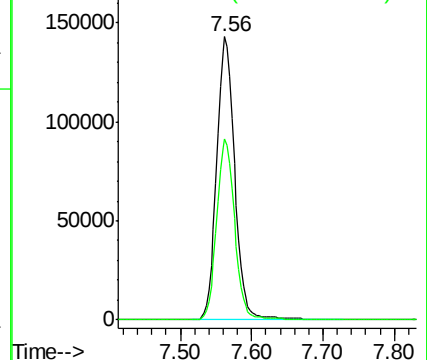
98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029190.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU029190.D (-1894) (-)





#62

4-Bromofluorobenzene

Concen: 42.748 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029190.D

Acq: 15 Jan 2019 17:08

Instrument :

MSVOA_U

ClientSampleId :

S-2

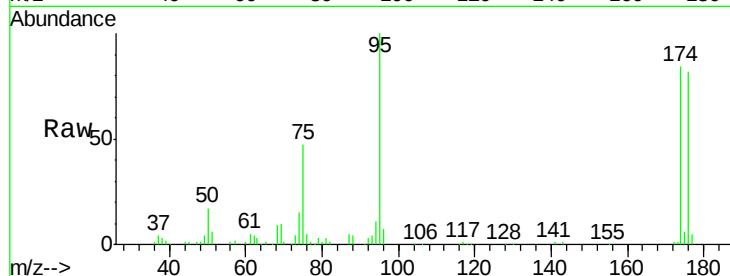
Tot Ion: 95 Resp: 76270

Ion Ratio Lower Upper

95 100

174 86.2 0.0 170.6

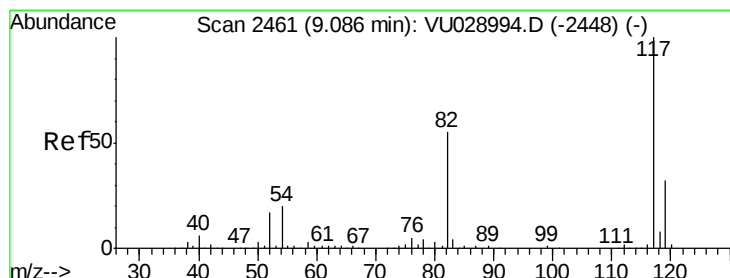
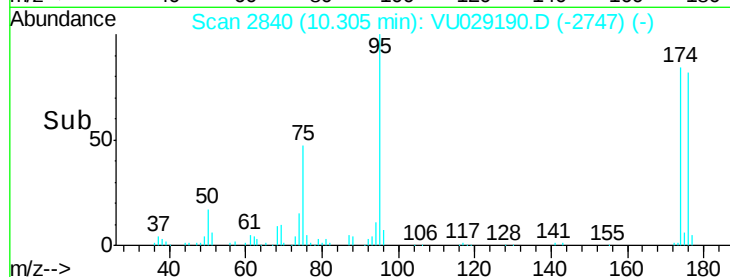
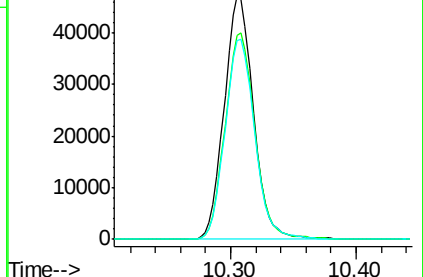
176 83.5 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029190.D

Acq: 15 Jan 2019 17:08

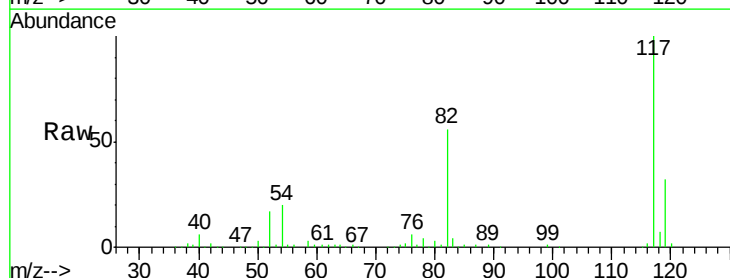
Tgt Ion: 117 Resp: 181118

Ion Ratio Lower Upper

117 100

82 56.1 43.9 65.9

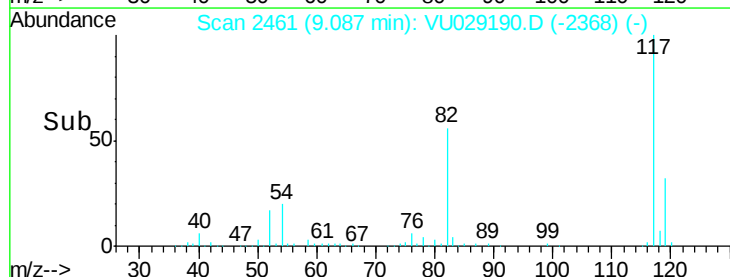
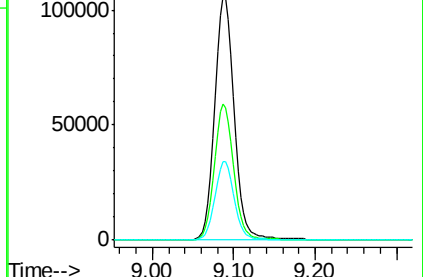
119 32.0 26.0 39.0

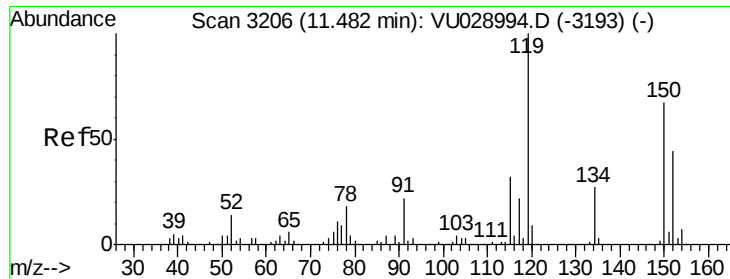


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029190.D

Acq: 15 Jan 2019 17:08

Instrument :

MSVOA_U

ClientSampleId :

S-2

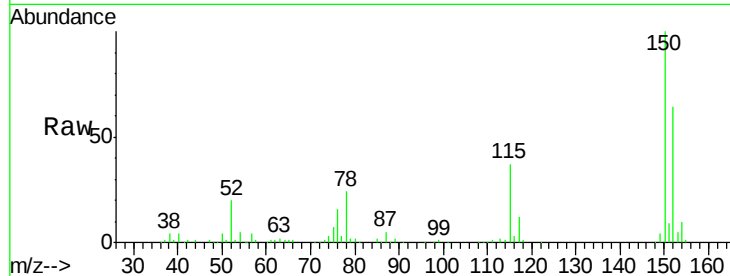
Tot Ion:152 Resp: 72029

Ion Ratio Lower Upper

152 100

115 56.6 40.1 120.3

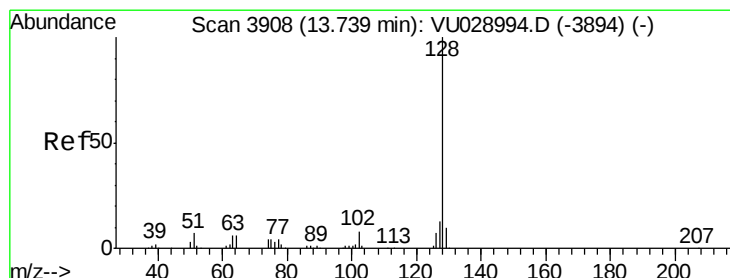
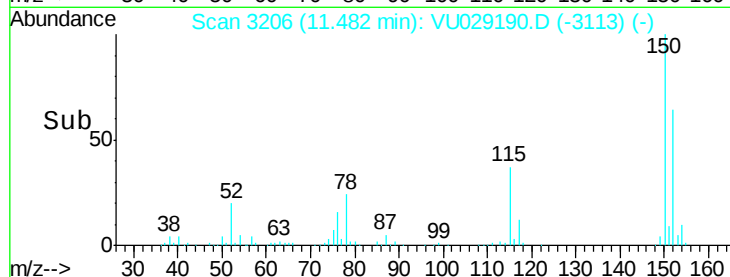
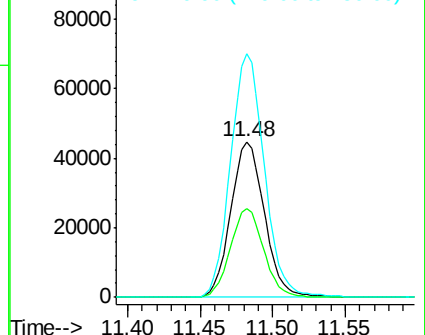
150 157.3 0.0 345.2



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



#95

Naphthalene

Concen: 1.193 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU029190.D

Acq: 15 Jan 2019 17:08

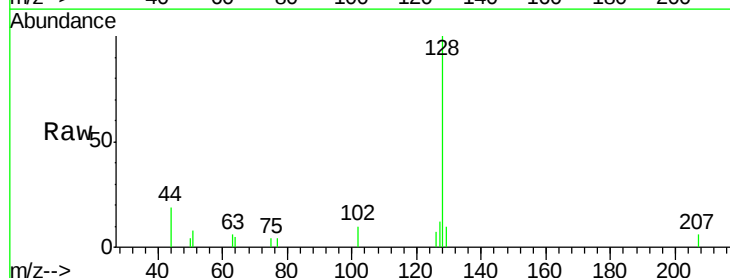
Tgt Ion:128 Resp: 6651

Ion Ratio Lower Upper

128 100

127 9.8 10.1 15.1#

129 8.0 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

