

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029204.D
 Acq On : 16 Jan 2019 13:05
 Operator : JC/SP
 Sample : K1147-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-6

Quant Time: Jan 17 01:22:36 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

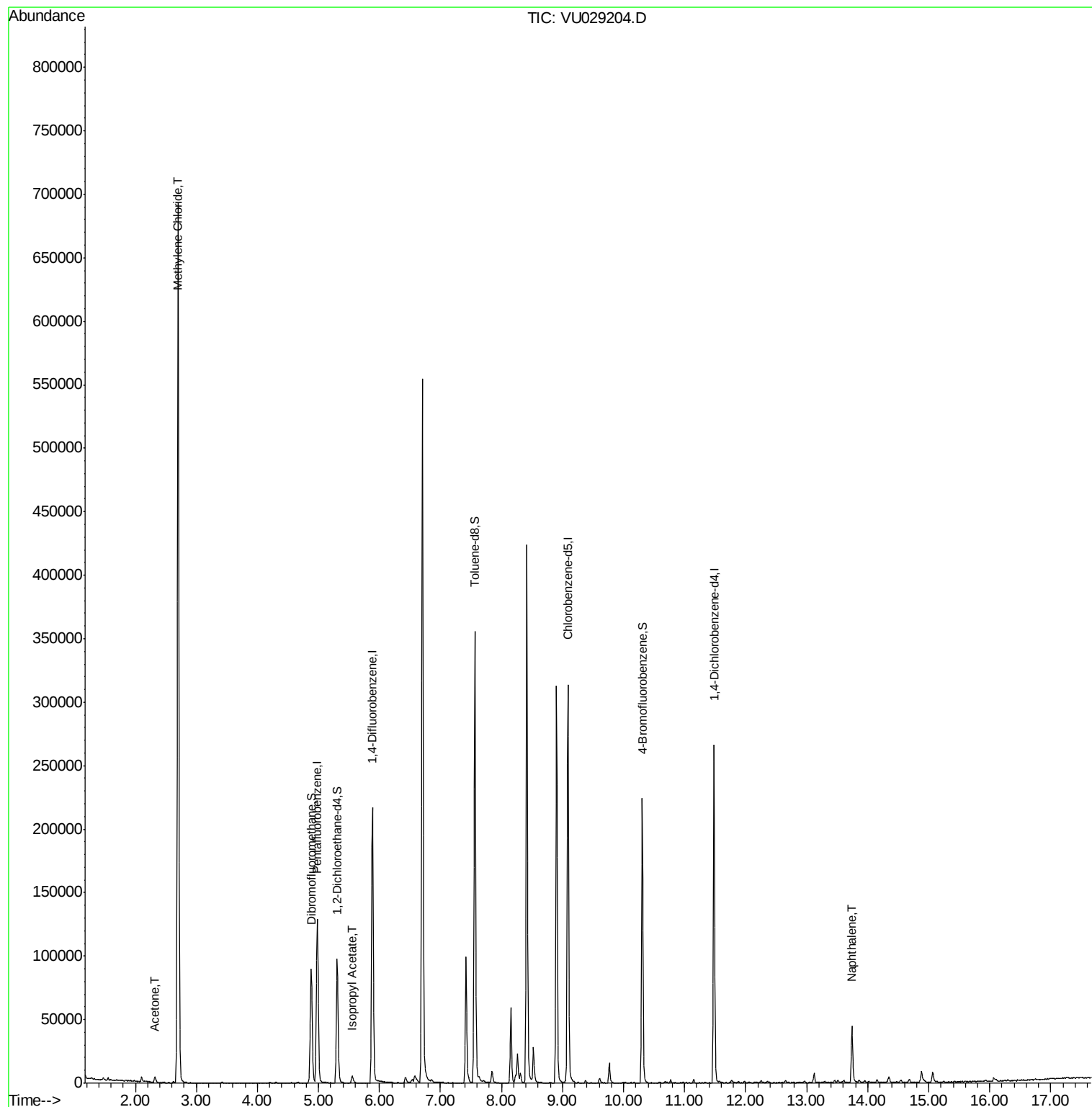
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	104729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	186211	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74110	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.48%	
35) Dibromofluoromethane	4.88	113	63898	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	7.56	98	244532	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	10.30	95	76691	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
16) Acetone	2.32	43	5520	6.768	ug/l	90
20) Methylene Chloride	2.70	84	305536	220.647	ug/l	98
43) Isopropyl Acetate	5.55	43	7239	2.310	ug/l	94
95) Naphthalene	13.74	128	41554	7.568	ug/l	98

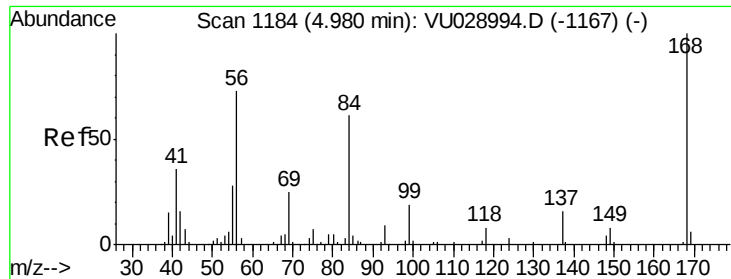
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

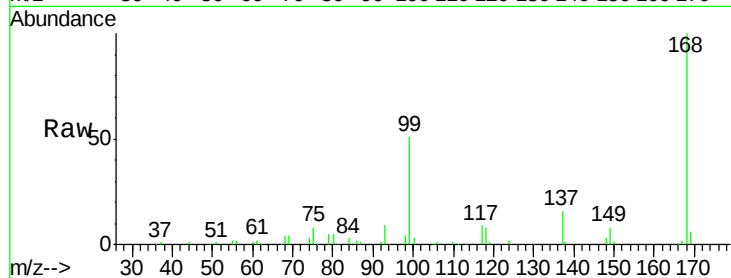
Instrument :
MSVOA_U
ClientSampled :
TP-6

Tot Ion:168 Resp: 104729

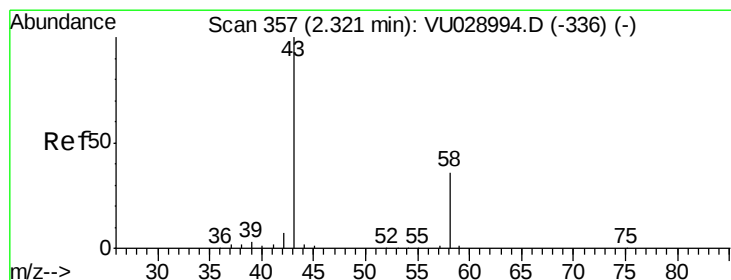
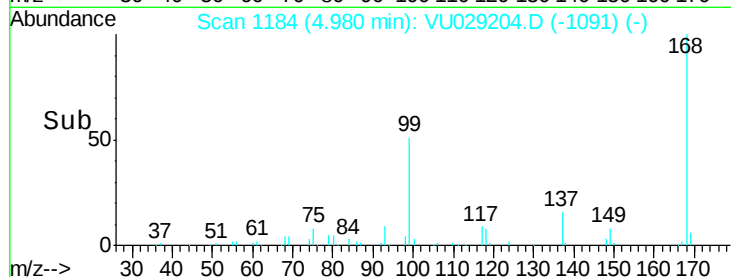
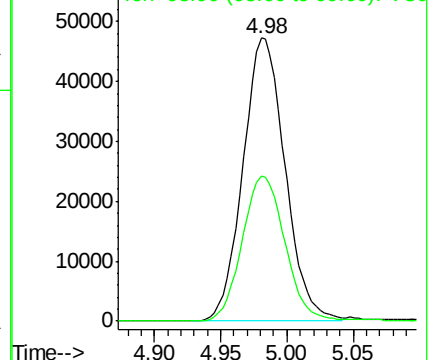
Ion Ratio Lower Upper

168 100

99 51.2 42.0 63.0



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



#16

Acetone

Concen: 6.768 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029204.D

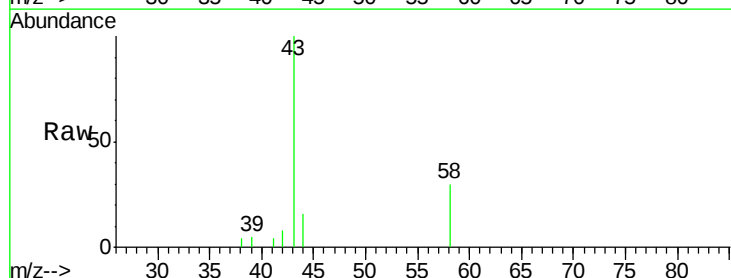
Acq: 16 Jan 2019 13:05

Tgt Ion: 43 Resp: 5520

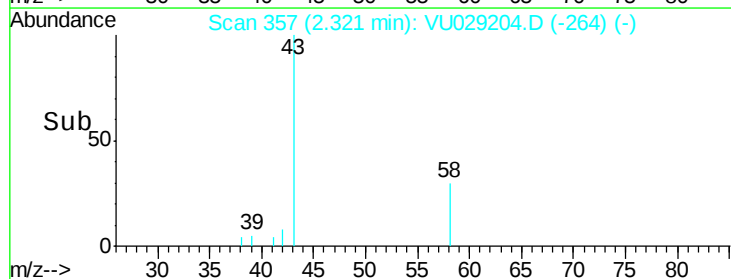
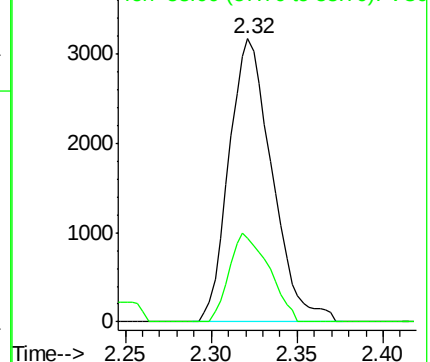
Ion Ratio Lower Upper

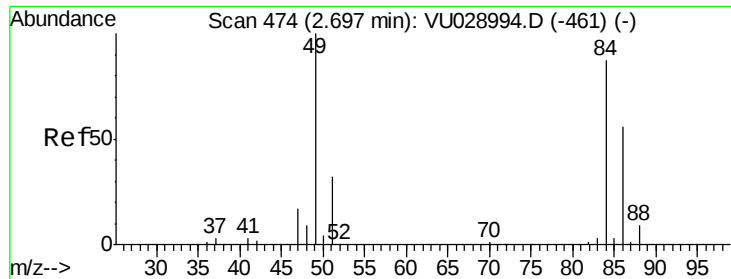
43 100

58 29.8 28.6 42.8



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

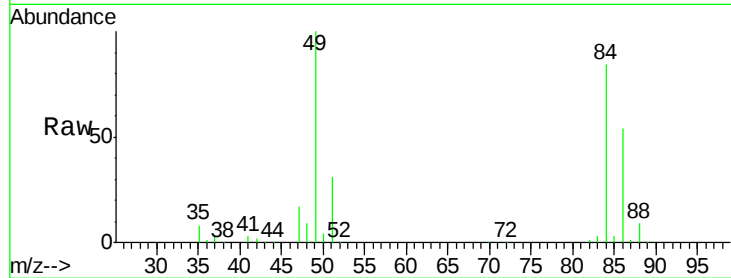




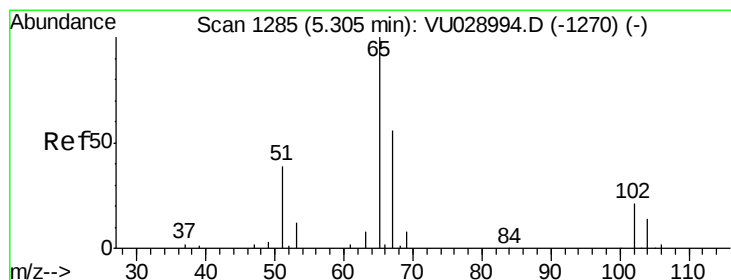
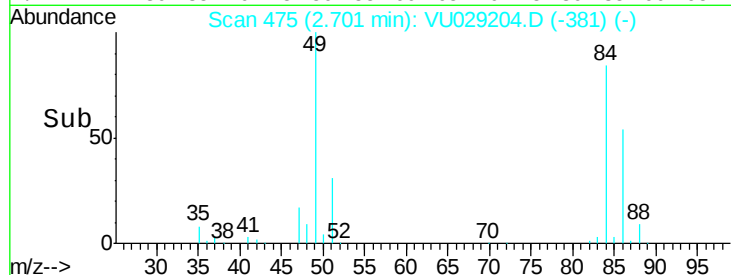
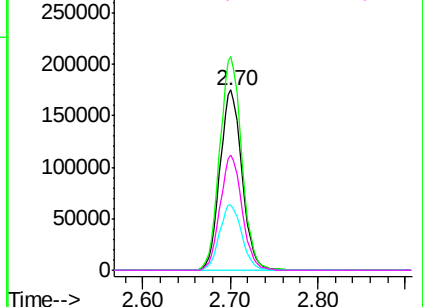
#20
Methylene Chloride
Concen: 220.647 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

Instrument :
MSVOA_U
ClientSampled :
TP-6

Tot Ion: 84 Resp: 305536
Ion Ratio Lower Upper
84 100
49 118.7 91.9 137.9
51 36.4 29.2 43.8
86 64.1 51.8 77.6

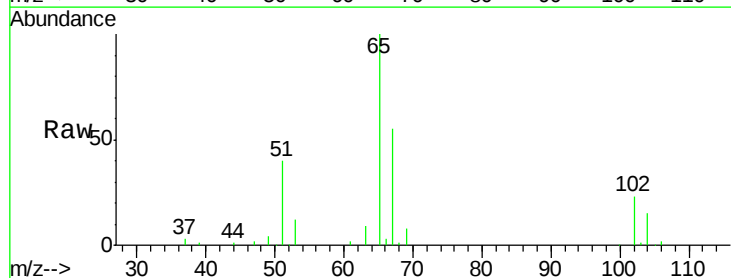


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

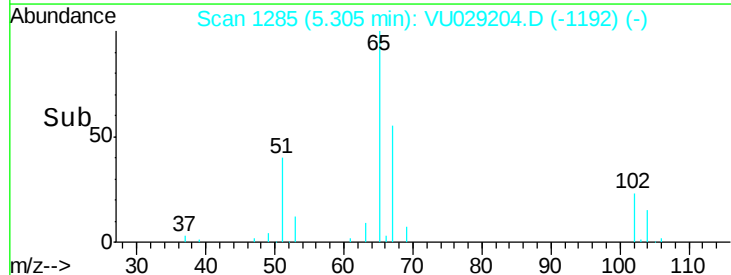
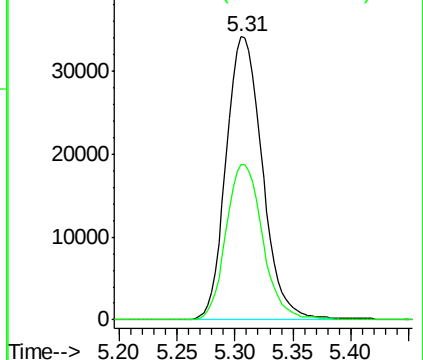


#33
1,2-Dichloroethane-d4
Concen: 57.243 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

Tgt Ion: 65 Resp: 74110
Ion Ratio Lower Upper
65 100
67 55.6 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: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

TP-6

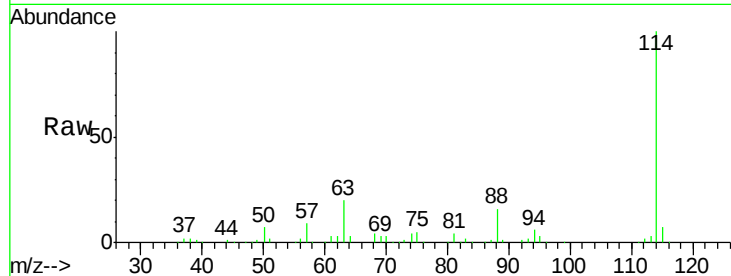
Tot Ion:114 Resp: 186211

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

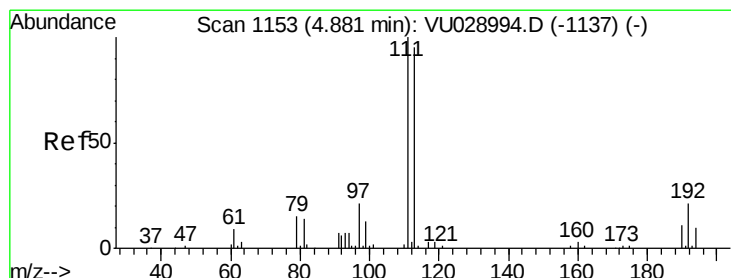
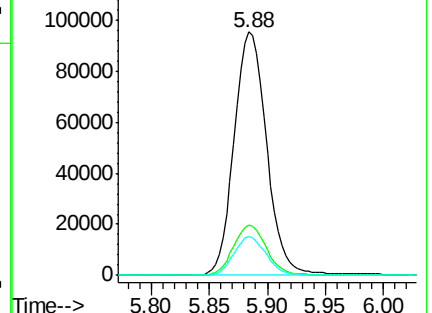
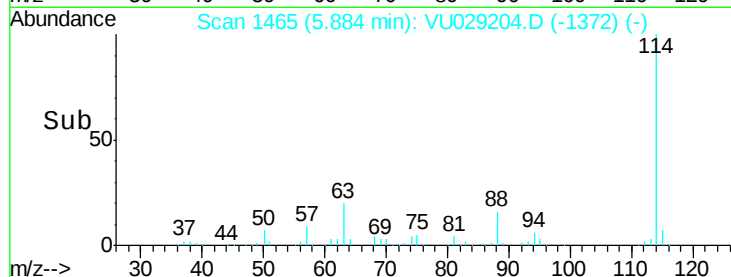
88 16.0 0.0 30.4



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: 52.936 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

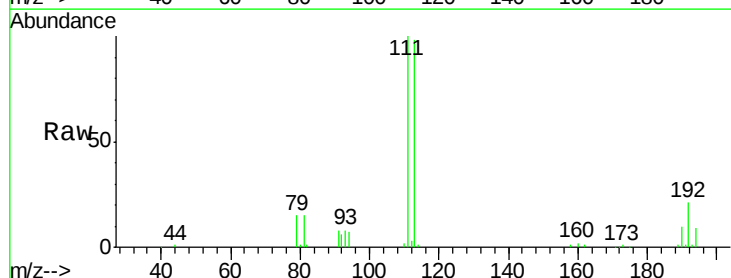
Tgt Ion:113 Resp: 63898

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

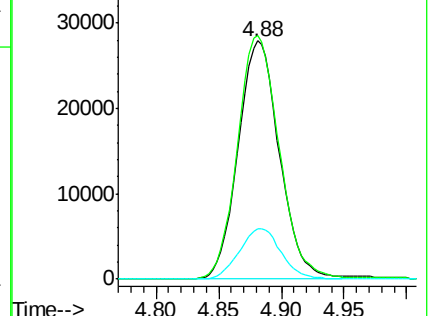
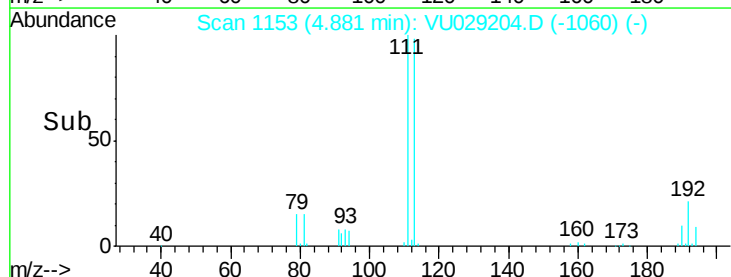
192 21.2 16.8 25.2

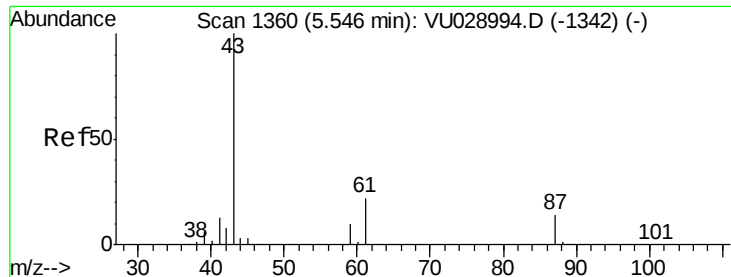


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.310 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

TP-6

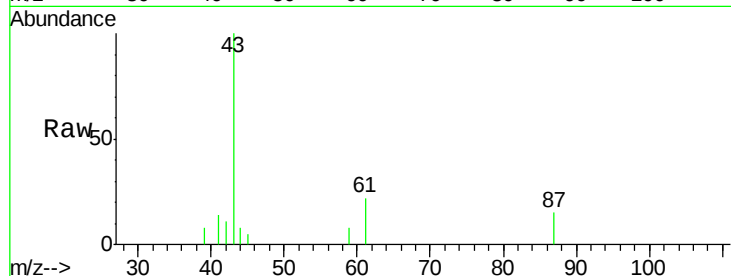
Tot Ion: 43 Resp: 7239

Ion Ratio Lower Upper

43 100

61 18.6 17.8 26.6

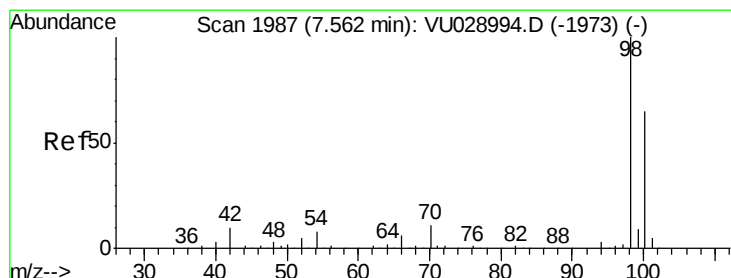
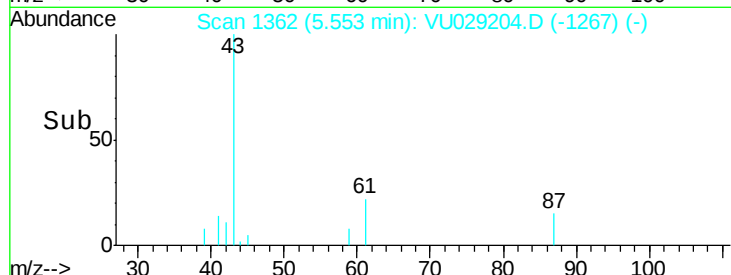
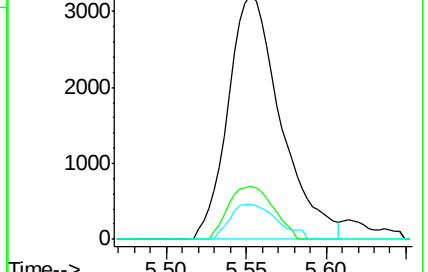
87 12.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029204.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU029204.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU029204.D (-1267) (-)



#50

Toluene-d8

Concen: 51.314 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029204.D

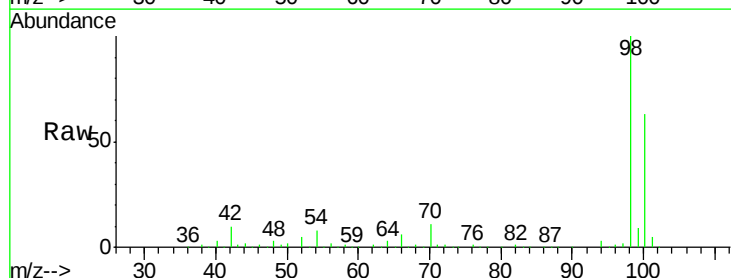
Acq: 16 Jan 2019 13:05

Tgt Ion: 98 Resp: 244532

Ion Ratio Lower Upper

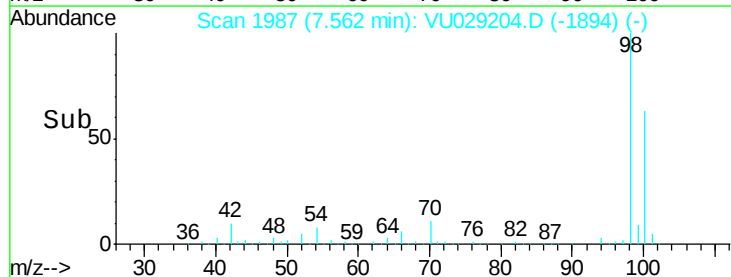
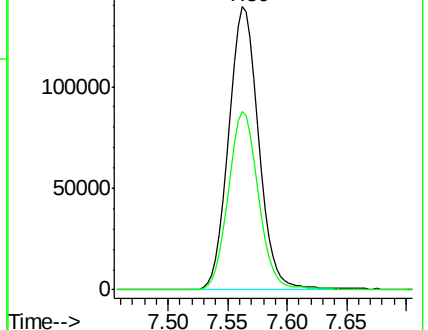
98 100

100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029204.D (-1894) (-)

Ion 100.00 (99.70 to 100.70): VU029204.D (-1894) (-)





#62

4-Bromofluorobenzene

Concen: 44.781 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

TP-6

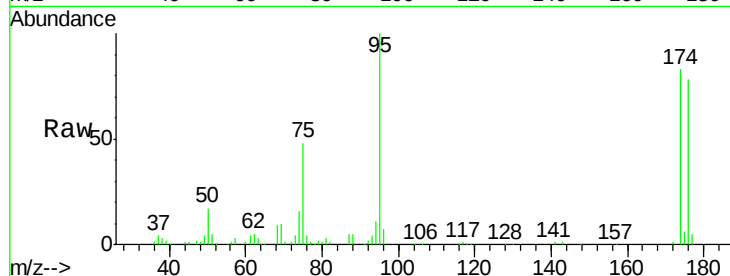
Tot Ion: 95 Resp: 76691

Ion Ratio Lower Upper

95 100

174 84.2 0.0 170.6

176 80.3 0.0 165.0

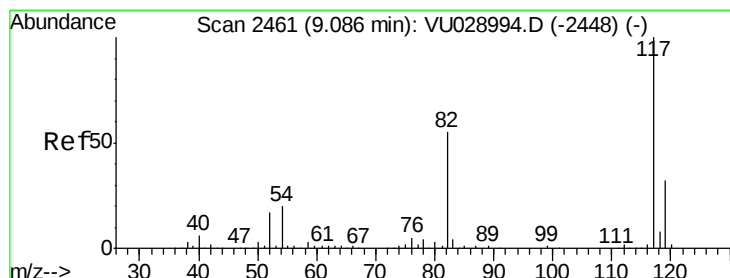
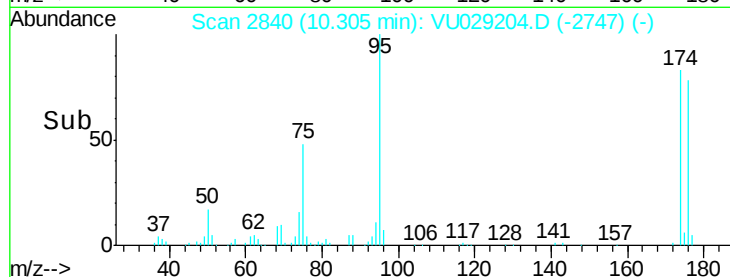


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

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

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

Time--> 10.20 10.30 10.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

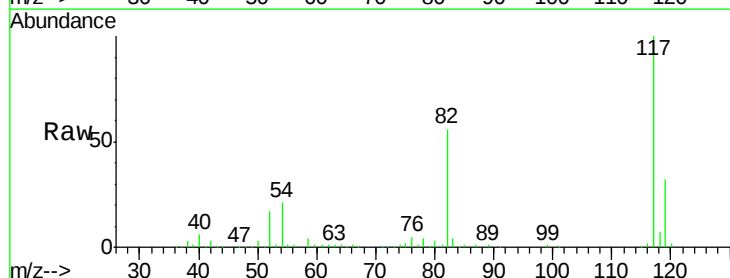
Tgt Ion: 117 Resp: 179848

Ion Ratio Lower Upper

117 100

82 56.0 43.9 65.9

119 31.9 26.0 39.0

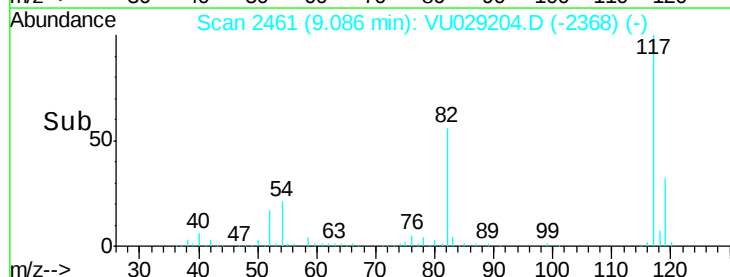


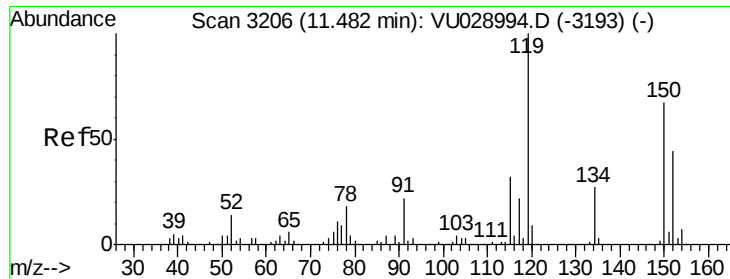
Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

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

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

Time--> 9.00 9.10 9.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampled :

TP-6

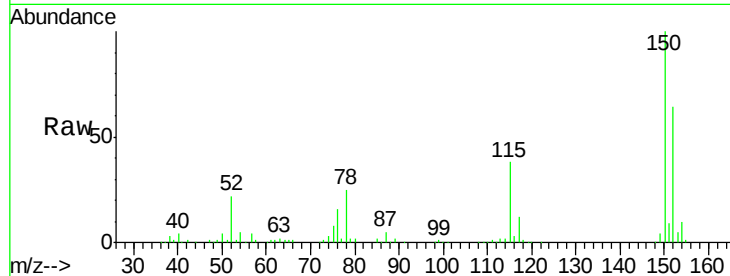
Tot Ion:152 Resp: 70952

Ion Ratio Lower Upper

152 100

115 58.4 40.1 120.3

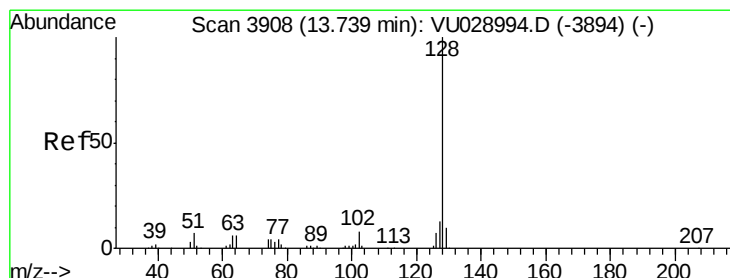
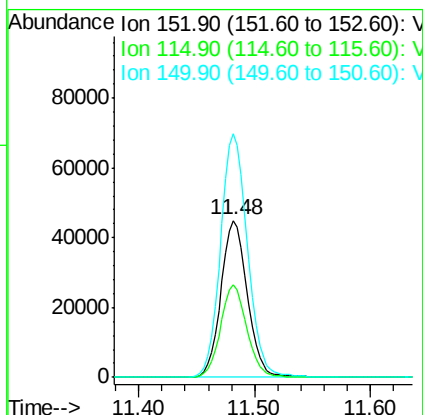
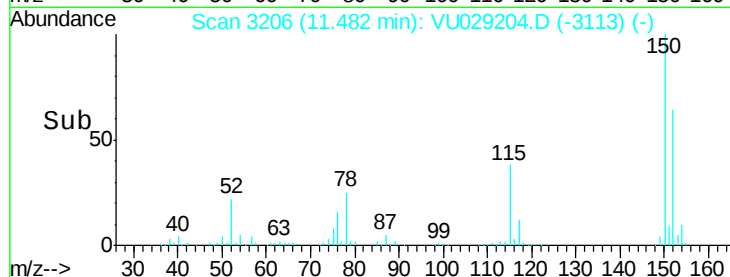
150 157.8 0.0 345.2



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: 7.568 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

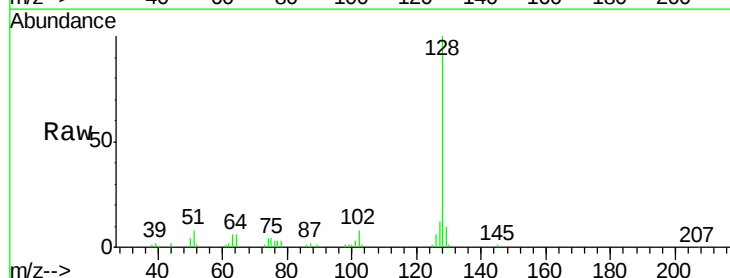
Tgt Ion:128 Resp: 41554

Ion Ratio Lower Upper

128 100

127 11.5 10.1 15.1

129 10.2 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

