

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027145.D
 Acq On : 25 Sep 2018 23:00
 Operator : MD/SY
 Sample : J4969-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ458I-20180917

Quant Time: Sep 26 06:59:37 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

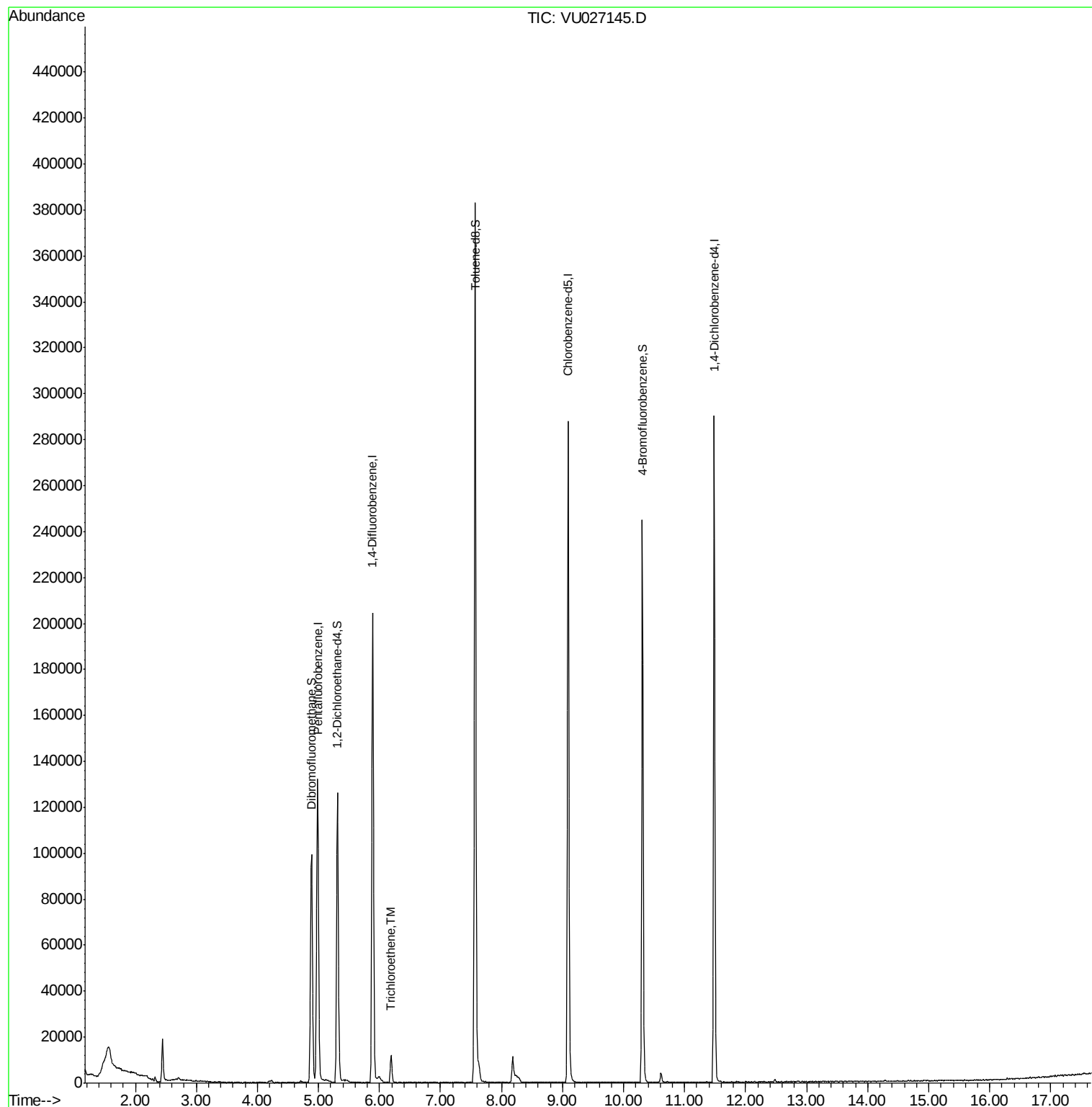
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	91961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156609	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97240	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
35) Dibromofluoromethane	4.89	113	66999	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	7.57	98	250250	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	10.31	95	81183	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
Target Compounds						
44) Trichloroethene	6.19	130	3874	2.864	ug/l	Qvalue 91

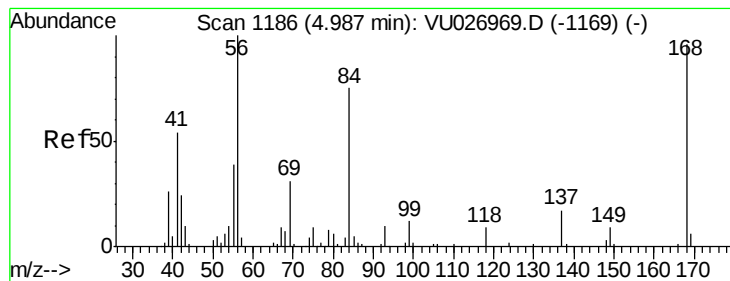
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027145.D

Acq: 25 Sep 2018 23:00

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ClientSampleId :

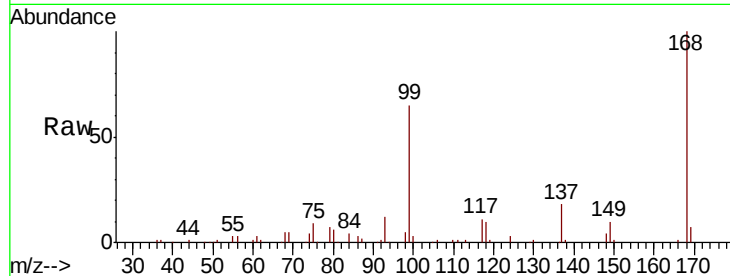
FT-PZ458I-20180917

Tot Ion:168 Resp: 91961

Ion Ratio Lower Upper

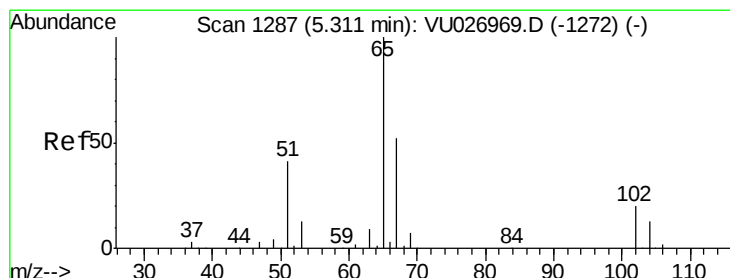
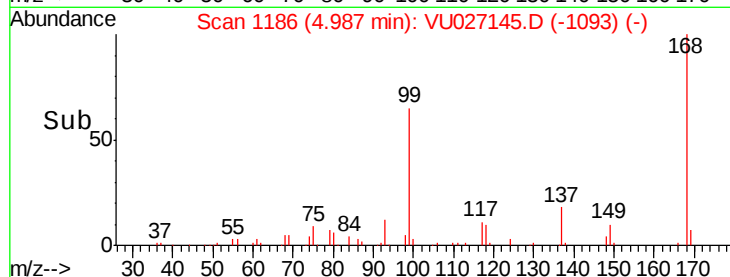
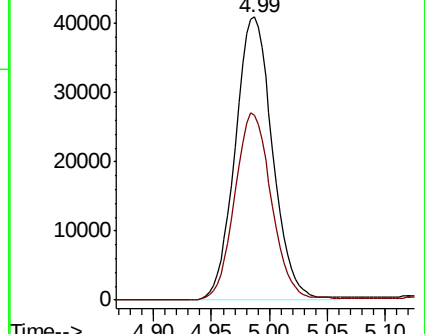
168 100

99 65.3 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.538 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027145.D

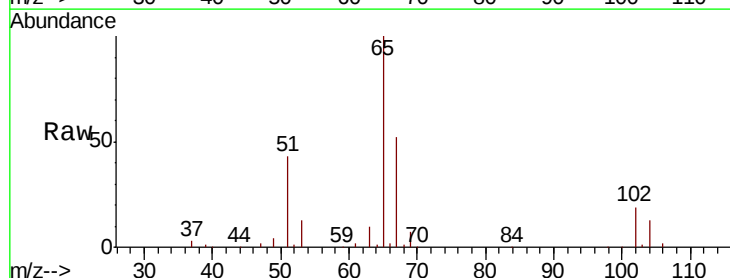
Acq: 25 Sep 2018 23:00

Tgt Ion: 65 Resp: 97240

Ion Ratio Lower Upper

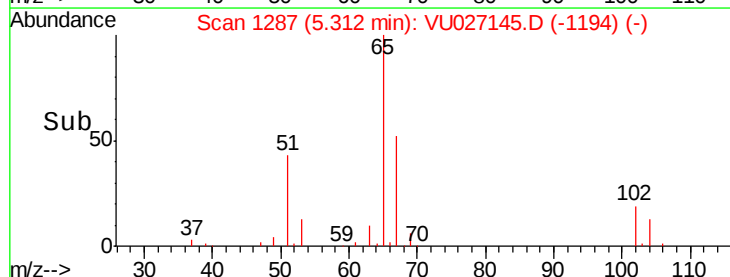
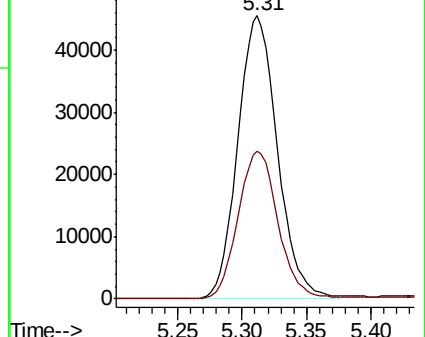
65 100

67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

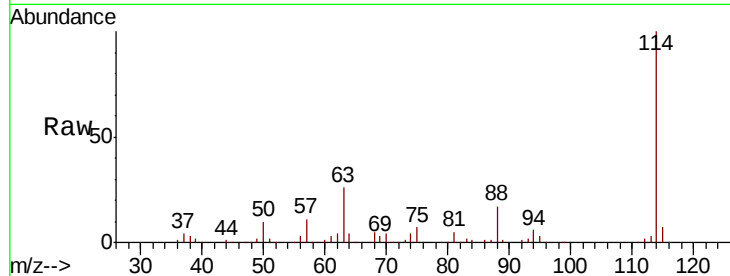




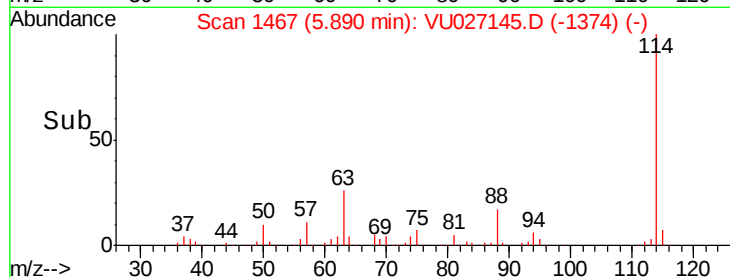
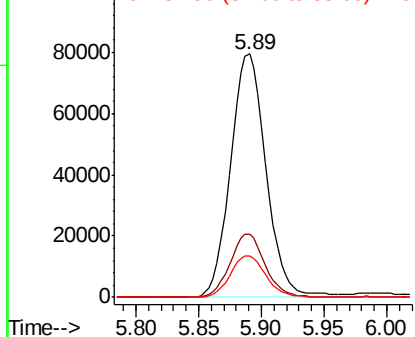
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027145.D
 Acq: 25 Sep 2018 23:00

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ458I-20180917

Tot Ion:114 Resp: 156609
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.1 0.0 33.8

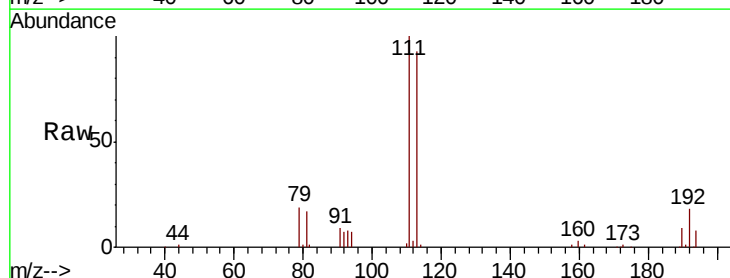


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

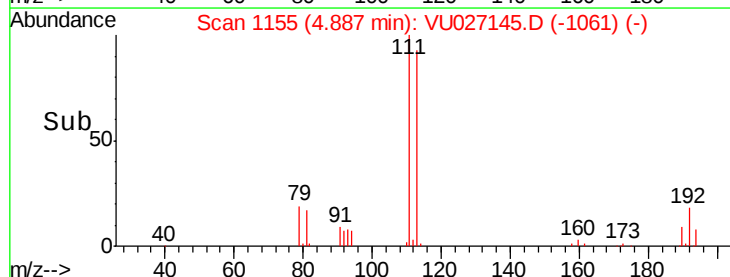
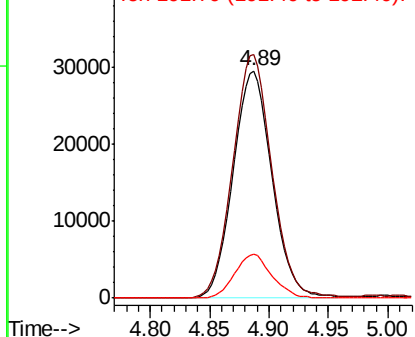


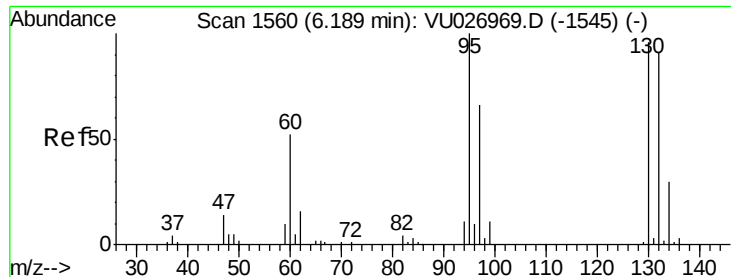
#35
 Dibromofluoromethane
 Concen: 49.355 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027145.D
 Acq: 25 Sep 2018 23:00

Tgt Ion:113 Resp: 66999
 Ion Ratio Lower Upper
 113 100
 111 107.5 82.2 123.4
 192 18.4 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





#44

Trichloroethene

Concen: 2.864 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027145.D

Acq: 25 Sep 2018 23:00

Instrument :

MSVOA_U

ClientSampleId :

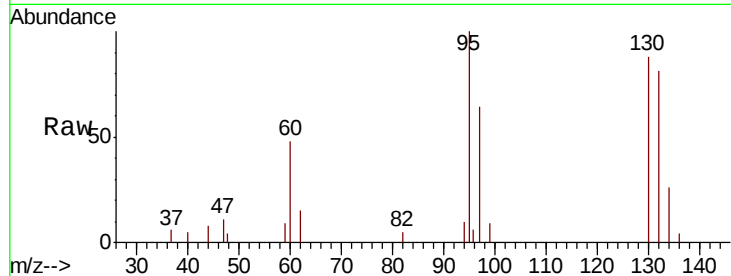
FT-PZ458I-20180917

Tot Ion:130 Resp: 3874

Ion Ratio Lower Upper

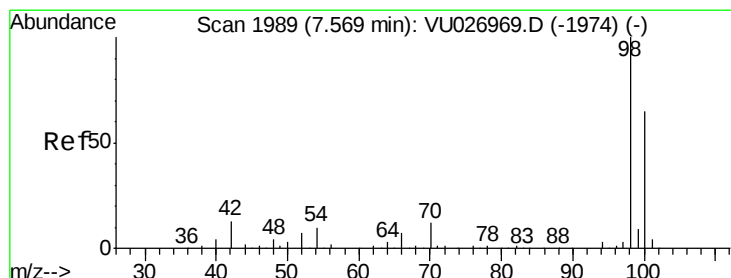
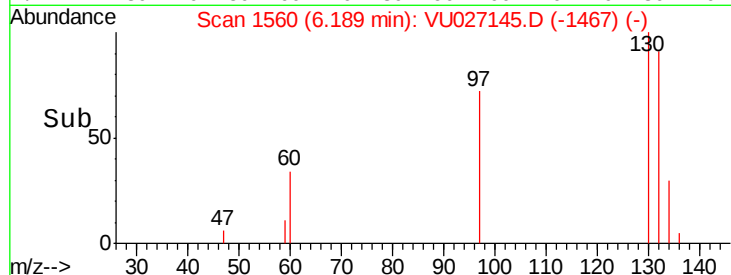
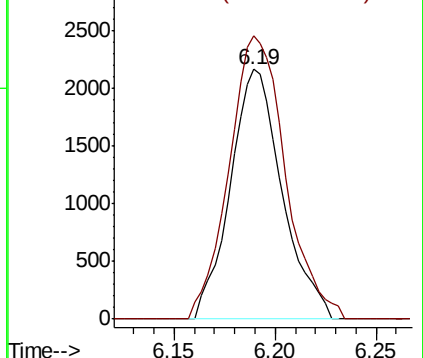
130 100

95 113.3 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: 48.372 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027145.D

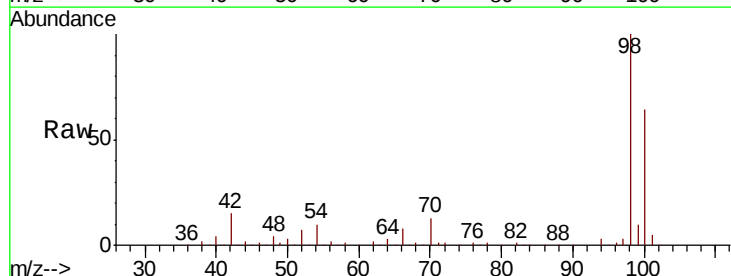
Acq: 25 Sep 2018 23:00

Tgt Ion: 98 Resp: 250250

Ion Ratio Lower Upper

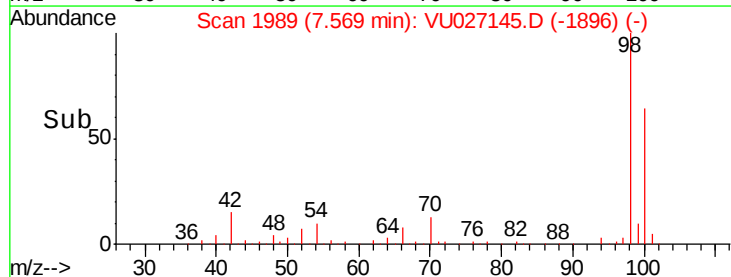
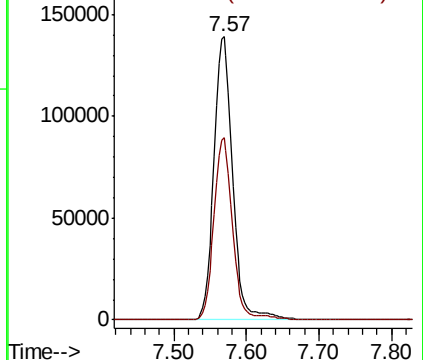
98 100

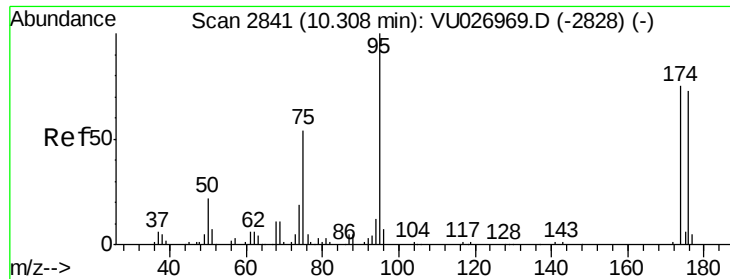
100 64.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

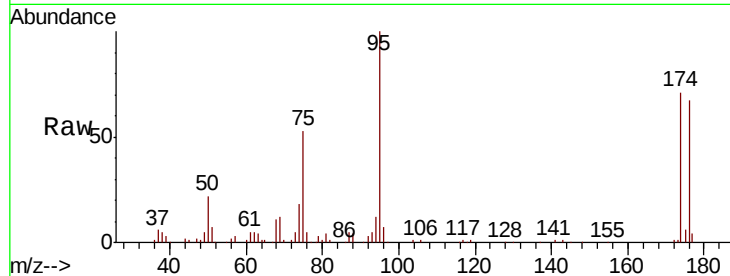




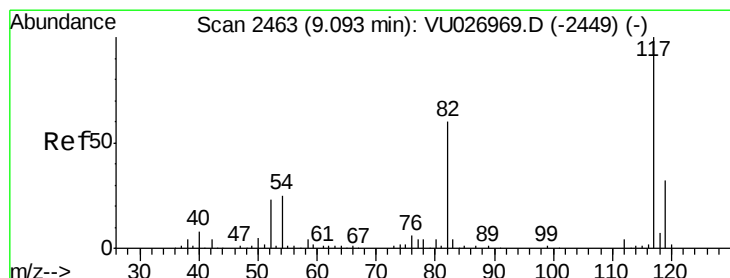
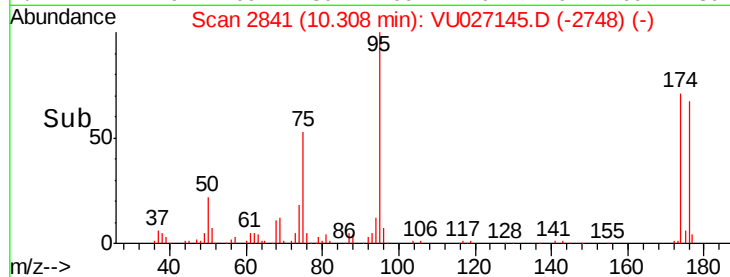
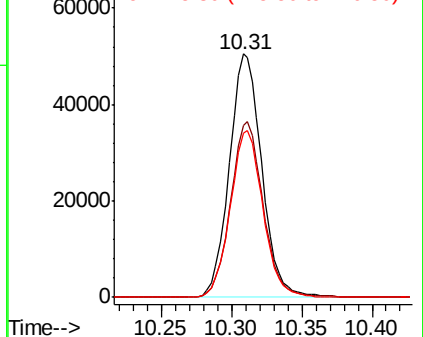
#62
4-Bromofluorobenzene
Concen: 45.732 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027145.D
Acq: 25 Sep 2018 23:00

Instrument :
MSVOA_U
ClientSampleId :
FT-PZ458I-20180917

Tot Ion: 95 Resp: 81183
Ion Ratio Lower Upper
95 100
174 72.6 0.0 150.2
176 69.0 0.0 145.2

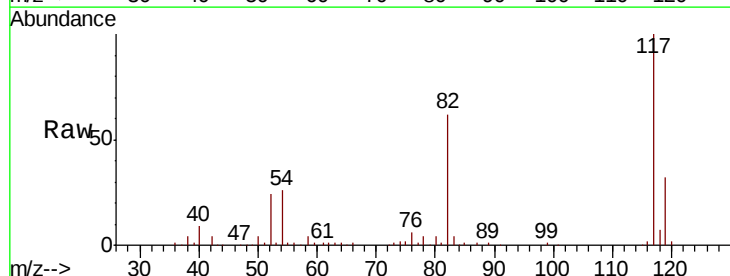


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

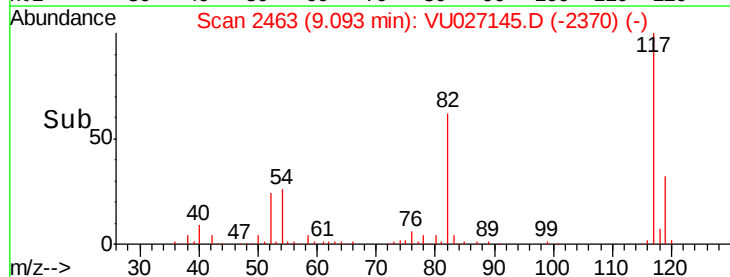
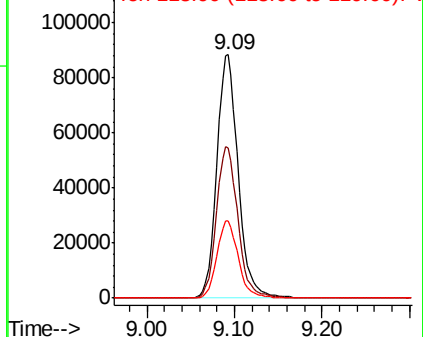


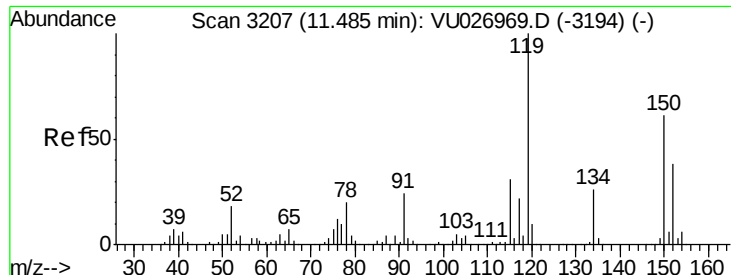
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027145.D
Acq: 25 Sep 2018 23:00

Tgt Ion: 117 Resp: 149394
Ion Ratio Lower Upper
117 100
82 61.9 48.0 72.0
119 31.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027145.D
 Acq: 25 Sep 2018 23:00

Instrument :
 MSVOA_U
 ClientSampleId :
 FT-PZ458I-20180917

Tot Ion:152 Resp: 69870
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.9 134.5
 150 156.5 0.0 355.8

