

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092218\
 Data File : VU027026.D
 Acq On : 22 Sep 2018 19:17
 Operator : MD/SY
 Sample : J4934-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ145D-20180912

Quant Time: Sep 24 05:14:00 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

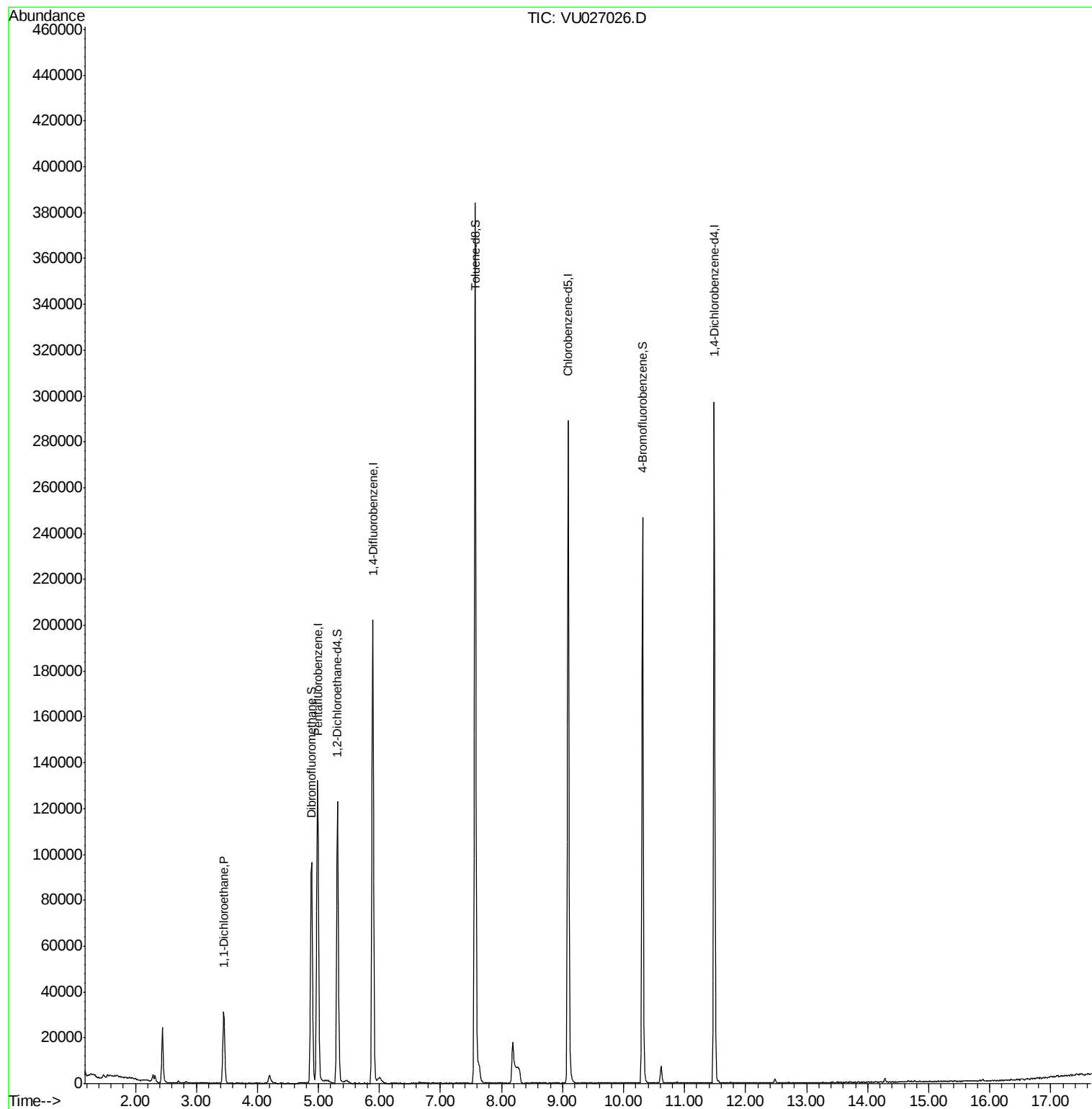
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	93752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156696	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95290	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
35) Dibromofluoromethane	4.88	113	66713	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	7.57	98	252051	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	10.31	95	80136	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
24) 1,1-Dichloroethane	3.45	63	35507	11.477	ug/l	Qvalue 100

(#) = 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: VU027026.D

Acq: 22 Sep 2018 19:17

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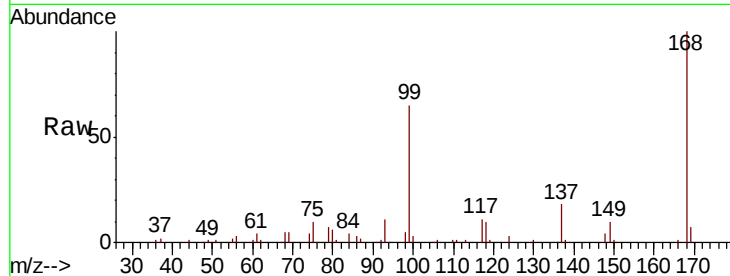
SA-PZ145D-20180912

Tot Ion:168 Resp: 93752

Ion Ratio Lower Upper

168 100

99 65.0 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) (-)

4.99

40000

30000

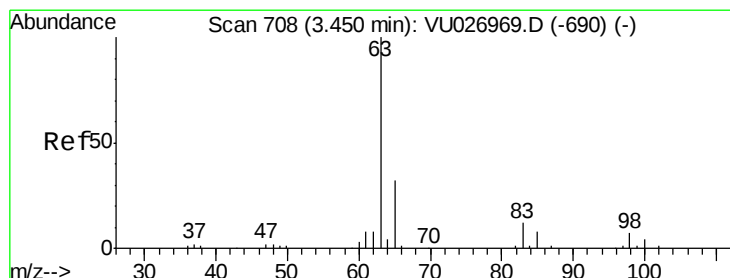
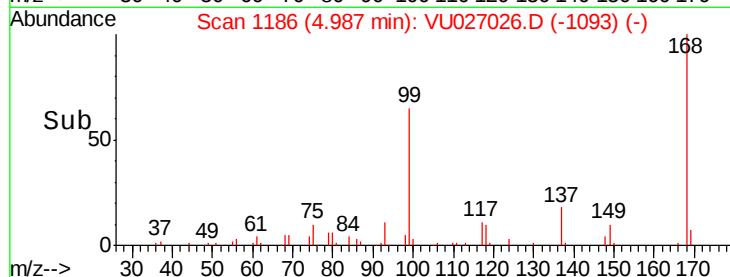
20000

10000

0

4.90 5.00 5.10

Time-->



#24

1,1-Dichloroethane

Concen: 11.477 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027026.D

Acq: 22 Sep 2018 19:17

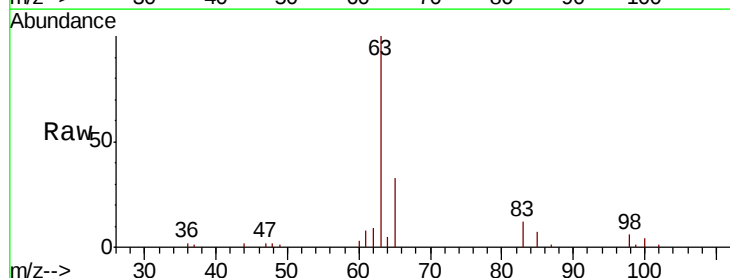
Tgt Ion: 63 Resp: 35507

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

3.45

20000

15000

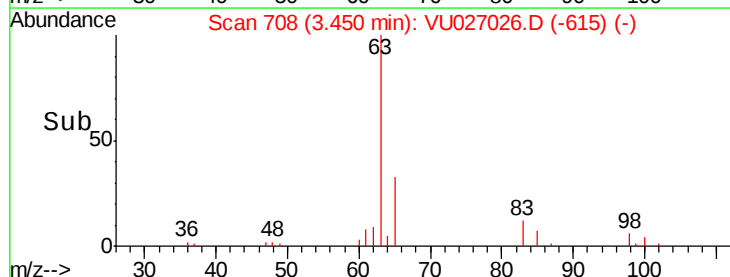
10000

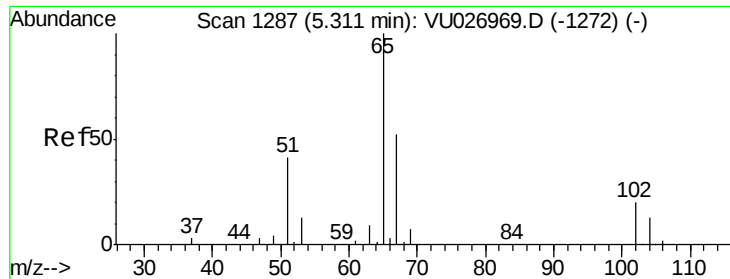
5000

0

3.35 3.40 3.45 3.50 3.55

Time-->

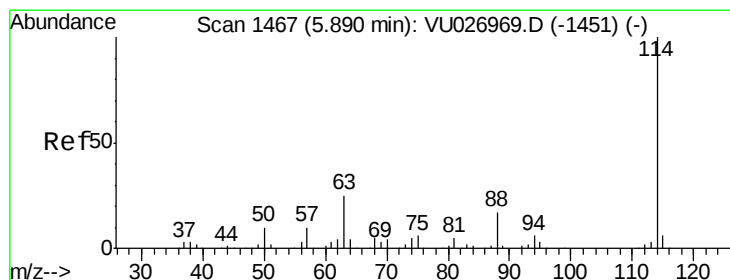
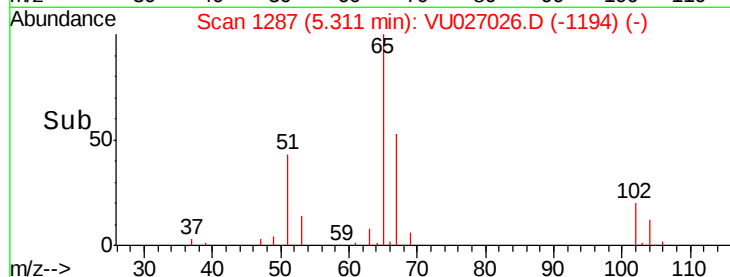
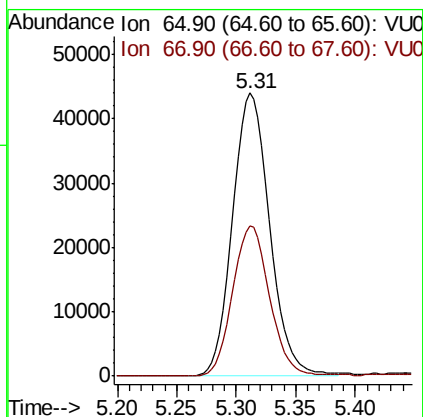
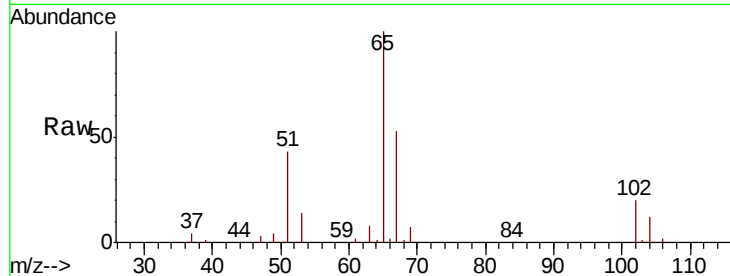




#33
 1,2-Dichloroethane-d4
 Concen: 50.500 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027026.D
 Acq: 22 Sep 2018 19:17

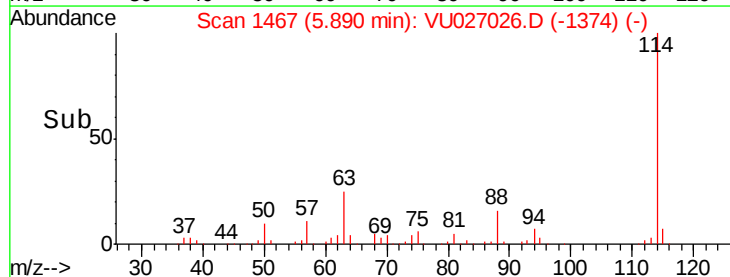
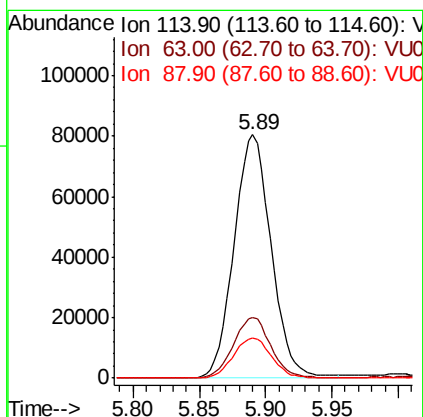
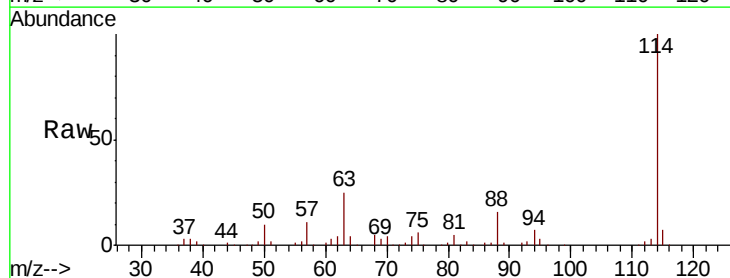
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ145D-20180912

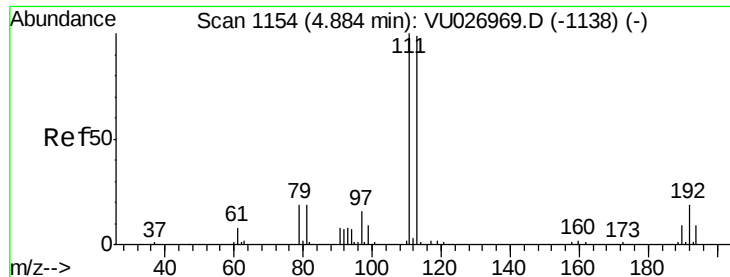
Tot Ion: 65 Resp: 95290
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027026.D
 Acq: 22 Sep 2018 19:17

Tgt Ion: 114 Resp: 156696
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.4 0.0 33.8

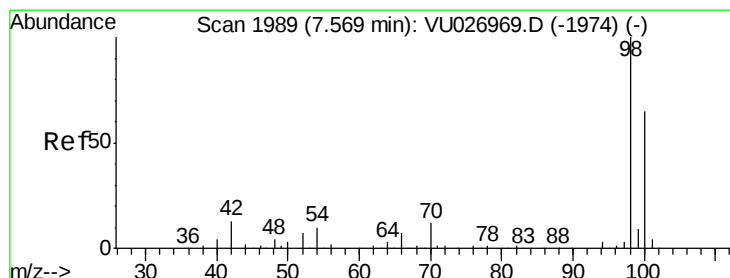
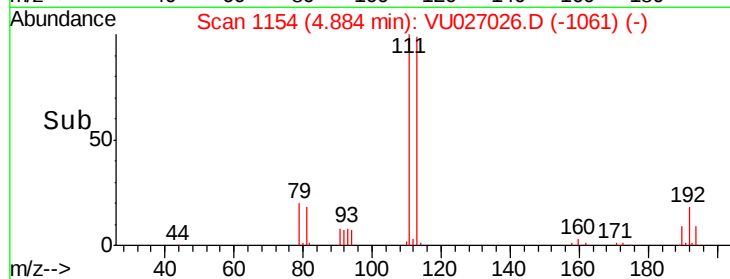
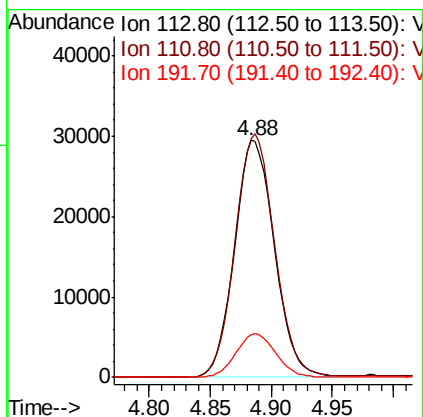
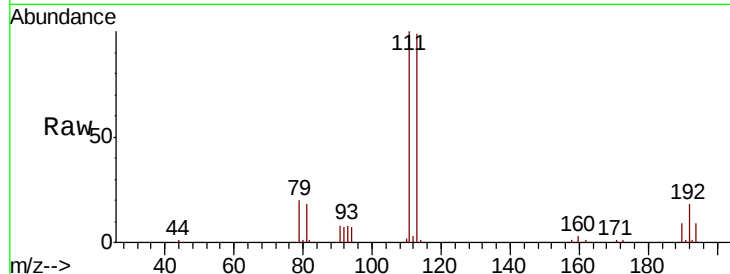




#35
 Dibromofluoromethane
 Concen: 49.117 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027026.D
 Acq: 22 Sep 2018 19:17

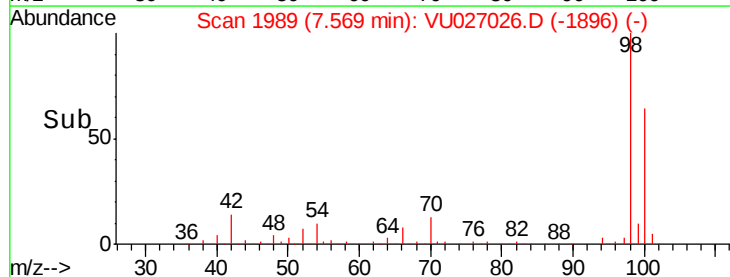
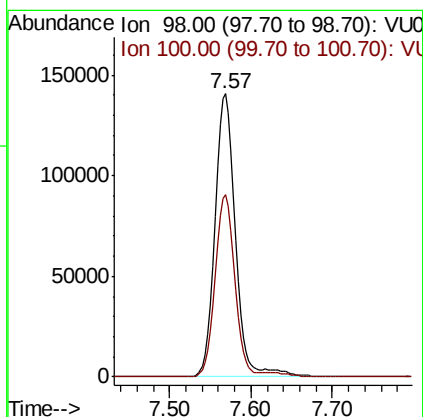
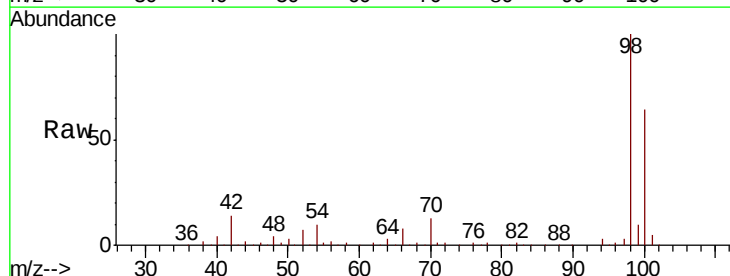
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ145D-20180912

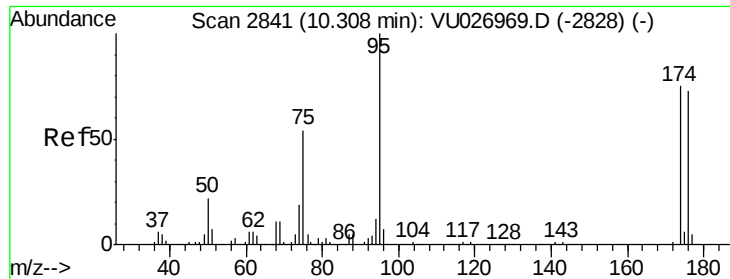
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	18.3	15.2	22.8



#50
 Toluene-d8
 Concen: 48.693 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VU027026.D
 Acq: 22 Sep 2018 19:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.6	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 45.118 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027026.D

Acq: 22 Sep 2018 19:17

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ145D-20180912

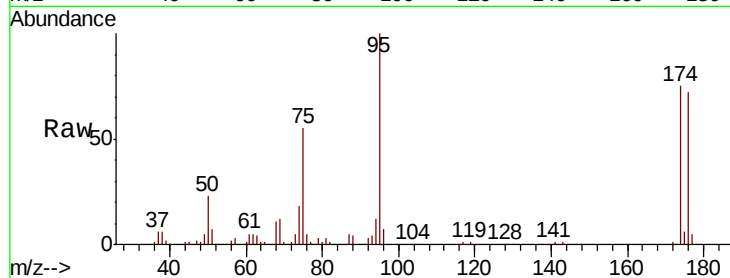
Tot Ion: 95 Resp: 80136

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

176 72.1 0.0 145.2

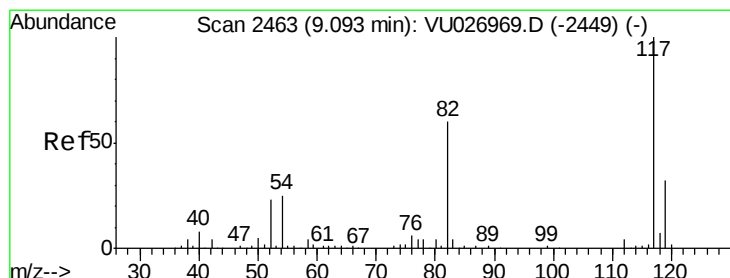
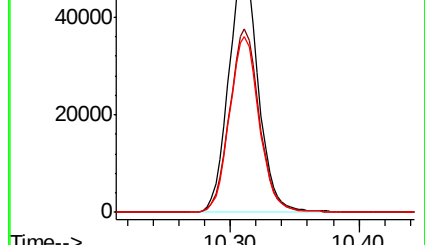
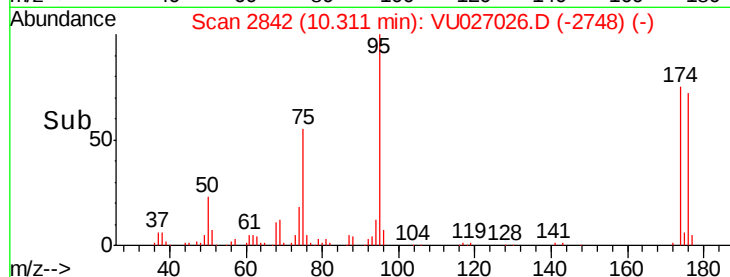


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027026.D

Acq: 22 Sep 2018 19:17

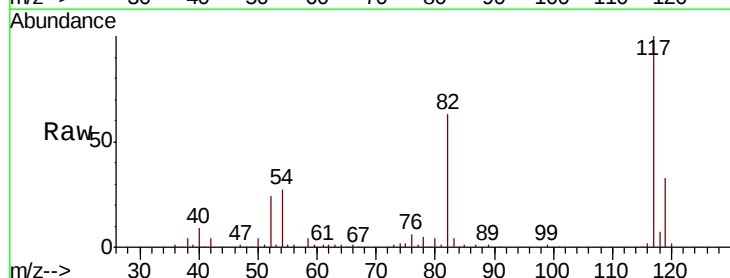
Tgt Ion: 117 Resp: 150741

Ion Ratio Lower Upper

117 100

82 62.8 48.0 72.0

119 33.0 25.8 38.8

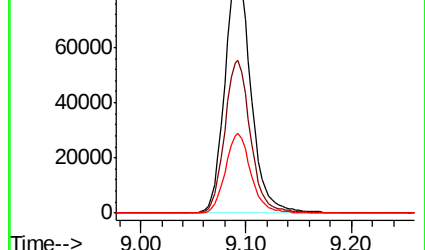
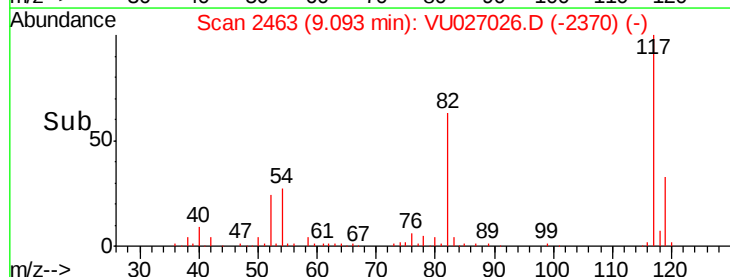


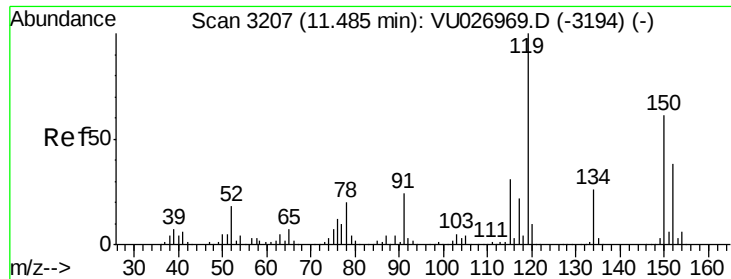
Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)

Time-->

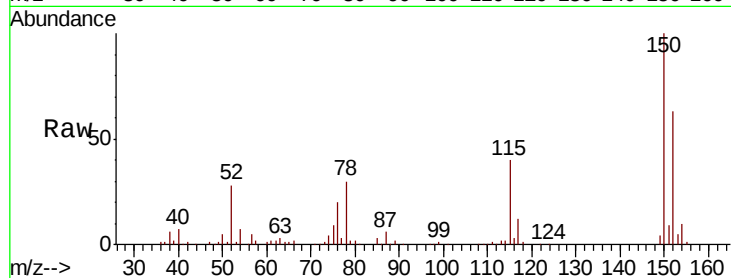




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027026.D
 Acq: 22 Sep 2018 19:17

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ145D-20180912

Tot Ion:152 Resp: 69920
 Ion Ratio Lower Upper
 152 100
 115 62.5 44.9 134.5
 150 157.1 0.0 355.8



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

