

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027153.D
 Acq On : 26 Sep 2018 02:06
 Operator : MD/SY
 Sample : J4968-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ143I-20180916

Quant Time: Sep 26 07:18:19 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

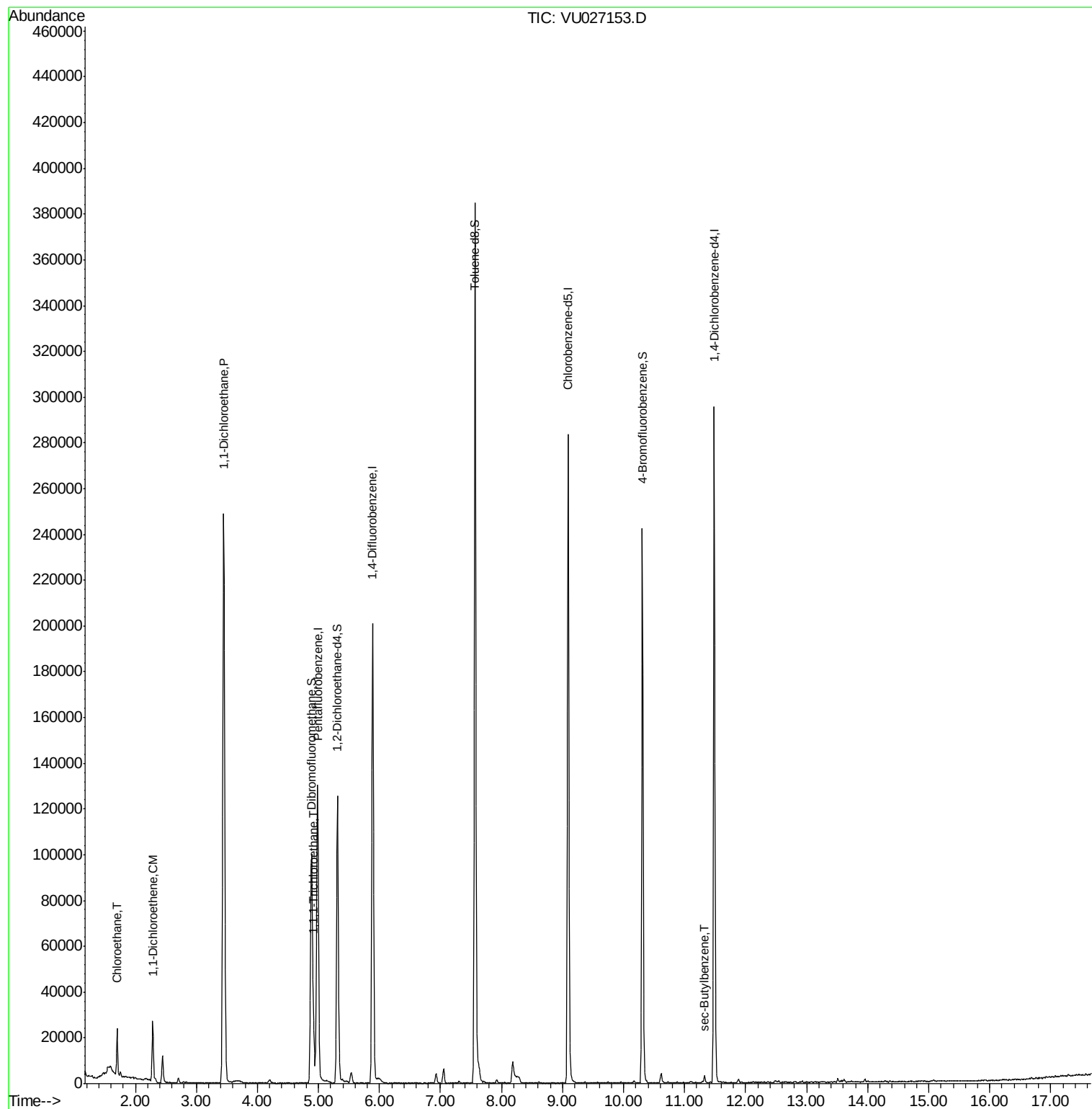
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	90720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	153368	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	146749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98101	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
35) Dibromofluoromethane	4.89	113	66326	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	7.57	98	249497	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	10.31	95	80294	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
6) Chloroethane	1.70	64	13540	11.117	ug/l	100
12) 1,1-Dichloroethene	2.28	96	7727	6.167	ug/l	93
24) 1,1-Dichloroethane	3.45	63	279541	93.374	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	16506	7.439	ug/l	98
85) sec-Butylbenzene	11.33	105	2449	0.469	ug/l	90

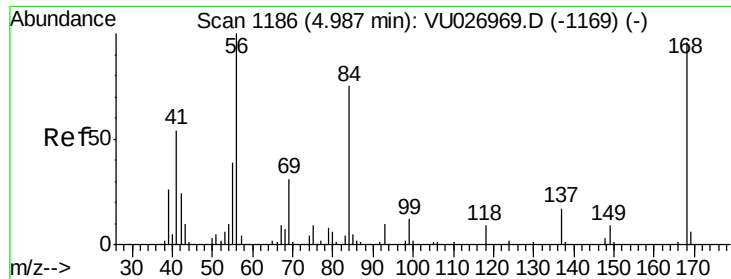
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027153.D

Acq: 26 Sep 2018 02:06

Instrument :

MSVOA_U

ClientSampleId :

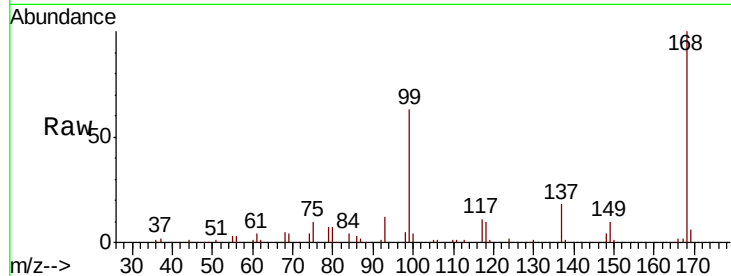
SA-PZ143I-20180916

Tot Ion:168 Resp: 90720

Ion Ratio Lower Upper

168 100

99 62.7 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

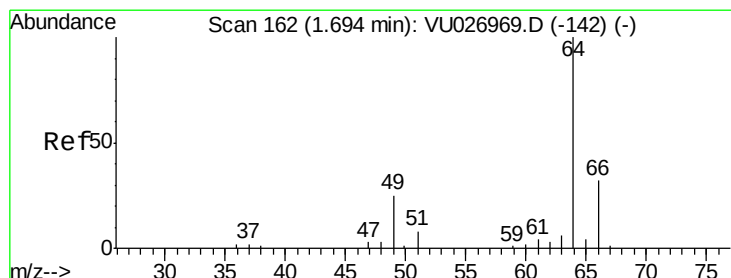
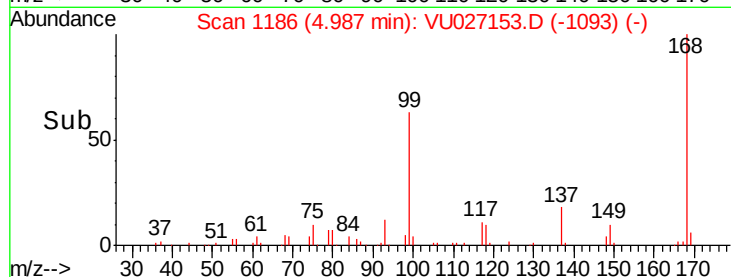
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#6

Chloroethane

Concen: 11.117 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU027153.D

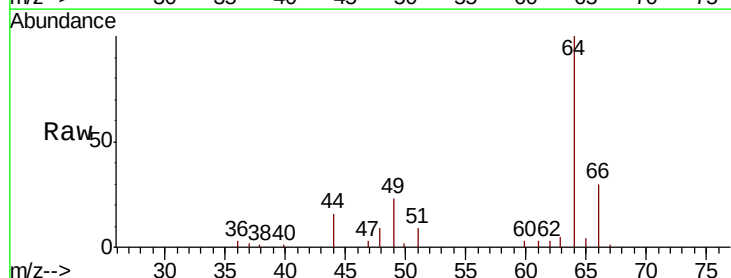
Acq: 26 Sep 2018 02:06

Tgt Ion: 64 Resp: 13540

Ion Ratio Lower Upper

64 100

66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

1.70

12000

10000

8000

6000

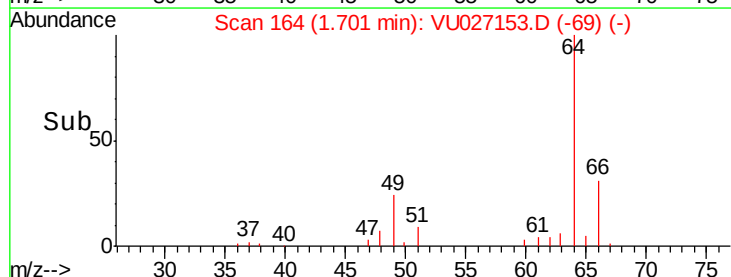
4000

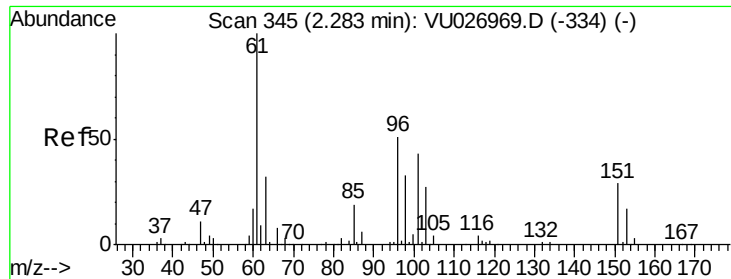
2000

0

1.65 1.70 1.75

Time-->

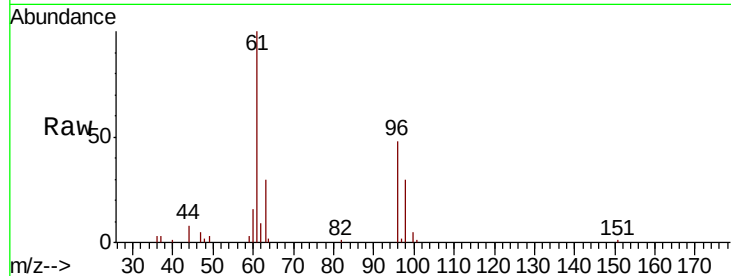




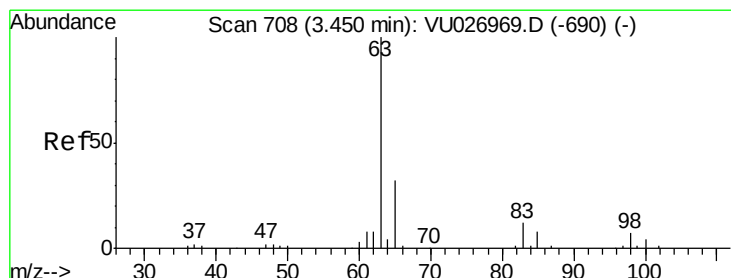
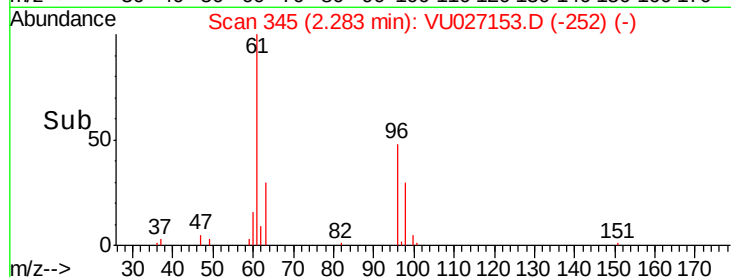
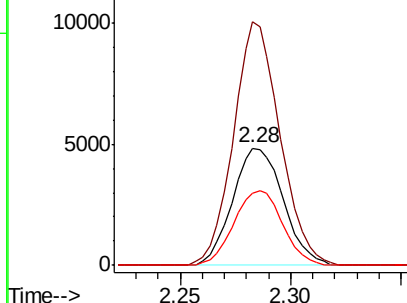
#12
 1,1-Dichloroethene
 Concen: 6.167 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. 0.00 min
 Lab File: VU027153.D
 Acq: 26 Sep 2018 02:06

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ143I-20180916

Tot Ion: 96 Resp: 7727
 Ion Ratio Lower Upper
 96 100
 61 207.5 156.1 234.1
 98 61.8 51.4 77.0

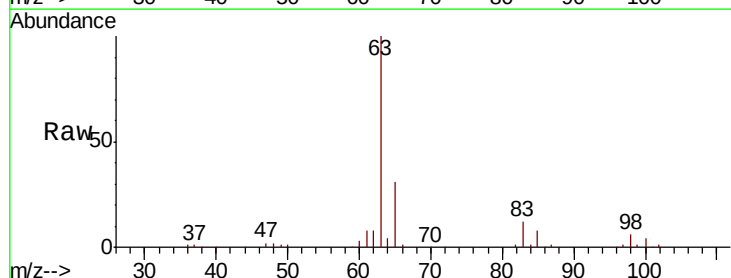


Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0

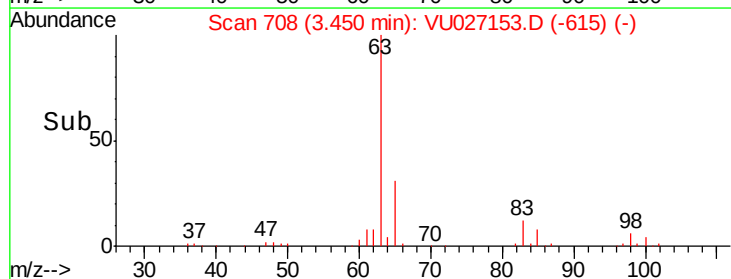
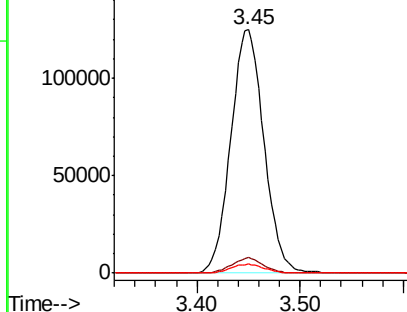


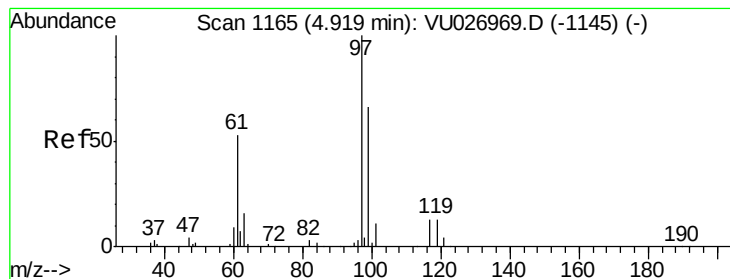
#24
 1,1-Dichloroethane
 Concen: 93.374 ug/l
 RT: 3.45 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VU027153.D
 Acq: 26 Sep 2018 02:06

Tgt Ion: 63 Resp: 279541
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0
 Ion 99.90 (99.60 to 100.60): VU0





#32

1,1,1-Trichloroethane

Concen: 7.439 ug/l

RT: 4.92 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU027153.D

Acq: 26 Sep 2018 02:06

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ143I-20180916

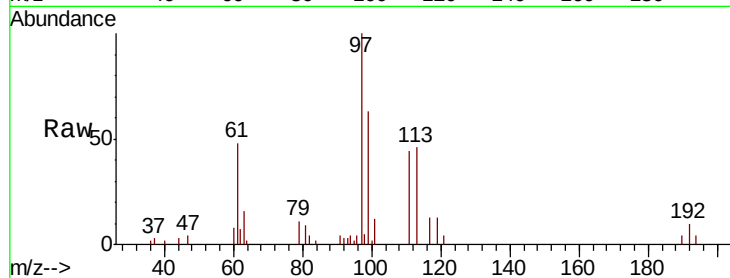
Tot Ion: 97 Resp: 16506

Ion Ratio Lower Upper

97 100

99 62.9 51.8 77.6

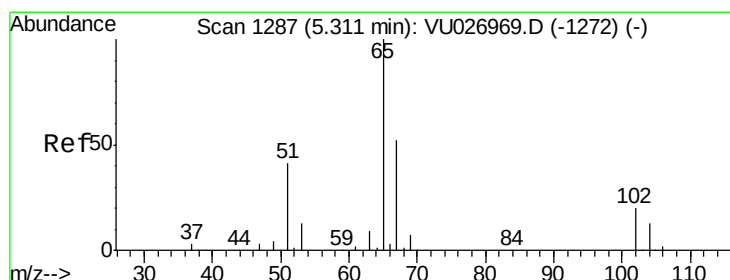
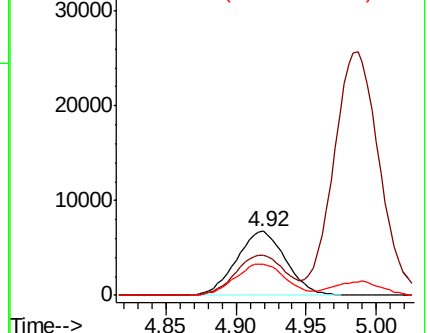
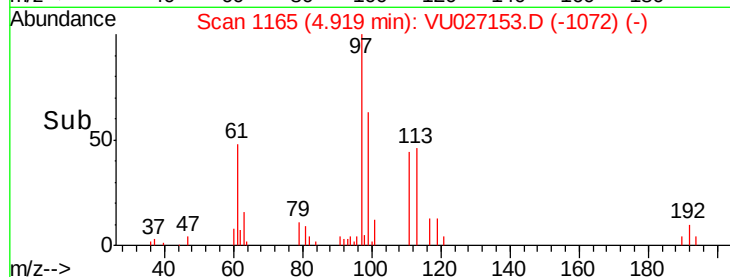
61 49.5 41.1 61.7



Abundance Ion 96.90 (96.60 to 97.60): VU027153.D (-1072) (-)

Ion 98.90 (98.60 to 99.60): VU027153.D (-1072) (-)

Ion 60.90 (60.60 to 61.60): VU027153.D (-1072) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.728 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027153.D

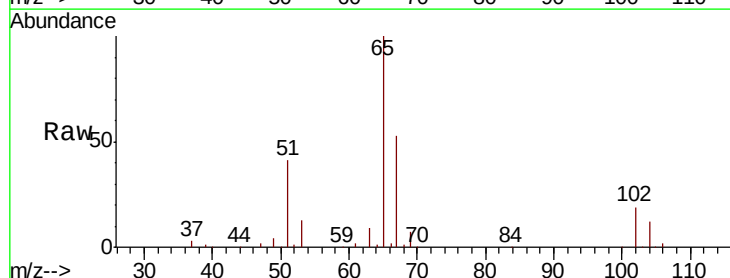
Acq: 26 Sep 2018 02:06

Tgt Ion: 65 Resp: 98101

Ion Ratio Lower Upper

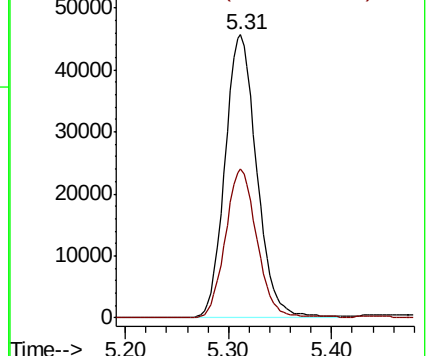
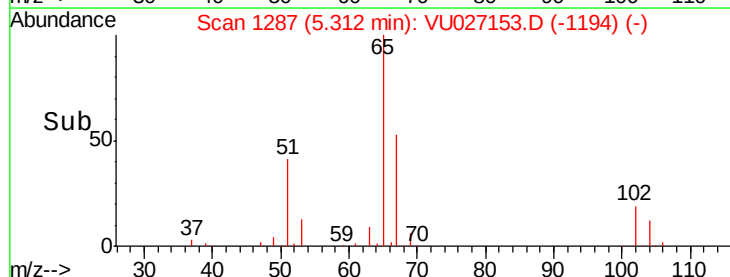
65 100

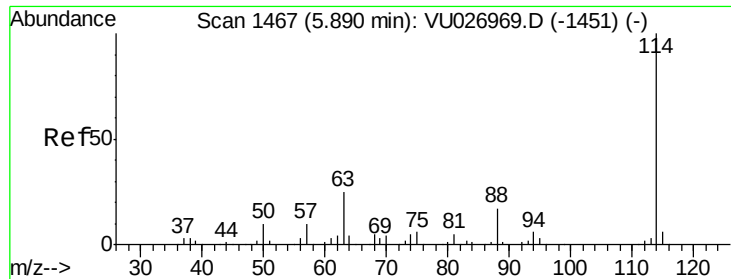
67 52.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU027153.D (-1194) (-)

Ion 66.90 (66.60 to 67.60): VU027153.D (-1194) (-)

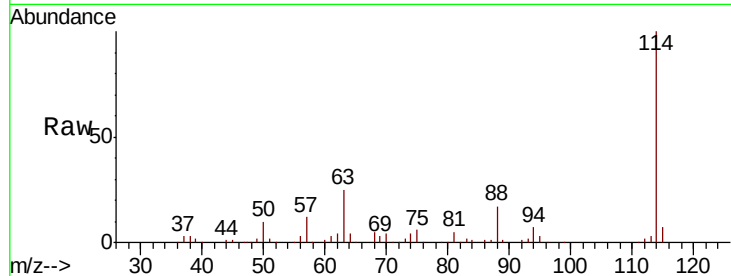




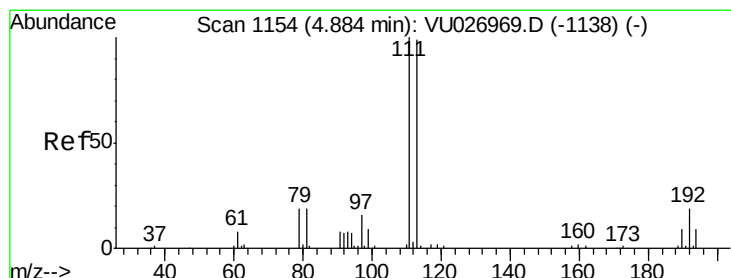
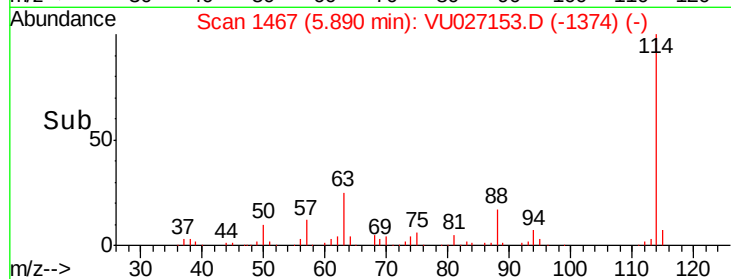
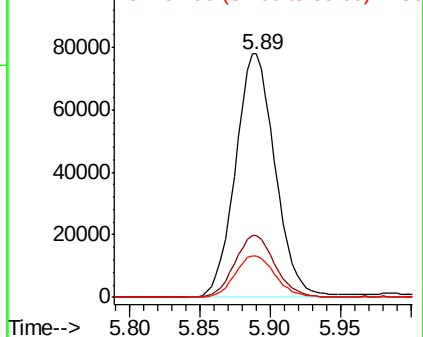
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027153.D
 Acq: 26 Sep 2018 02:06

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ143I-20180916

Tot Ion:114 Resp: 153368
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 16.8 0.0 33.8

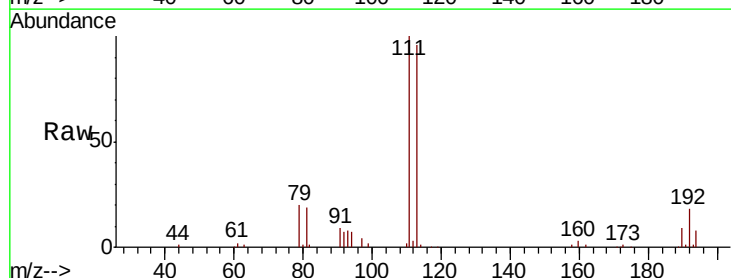


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

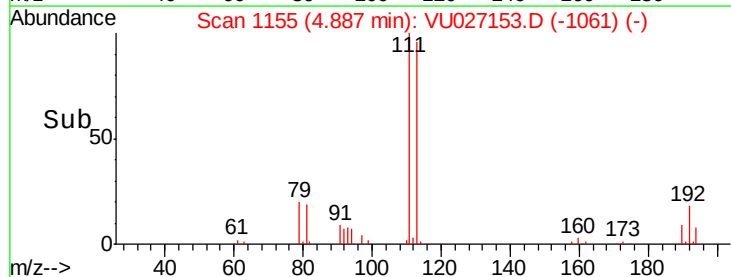
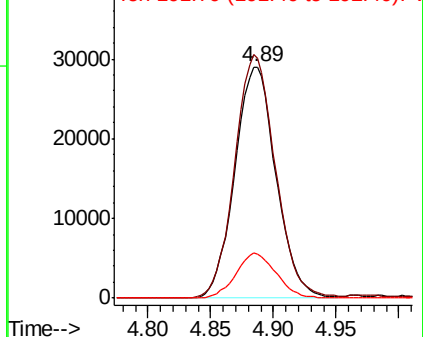


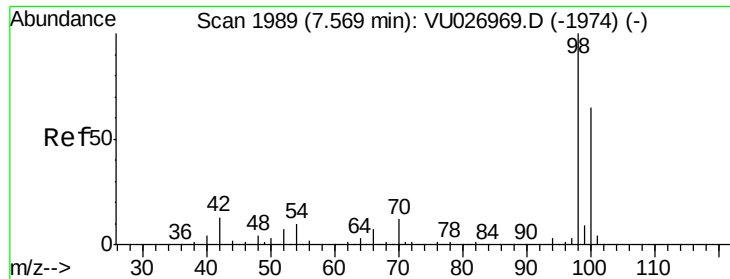
#35
 Dibromofluoromethane
 Concen: 49.892 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027153.D
 Acq: 26 Sep 2018 02:06

Tgt Ion:113 Resp: 66326
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.2 123.4
 192 18.9 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

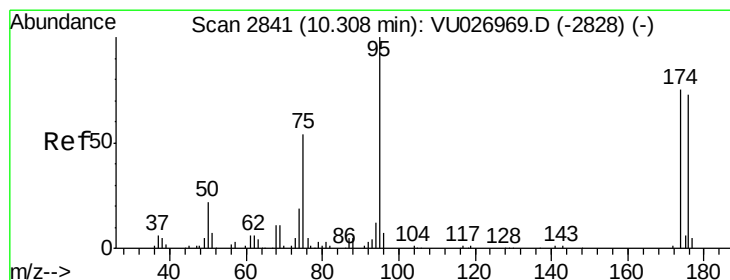
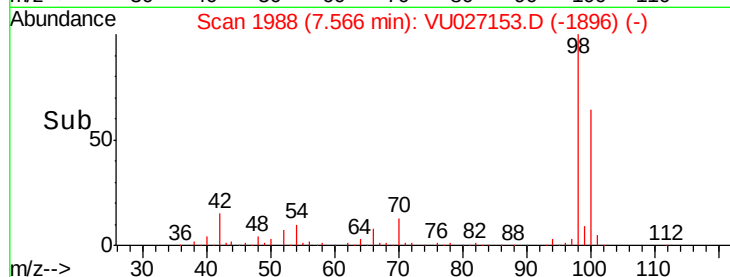
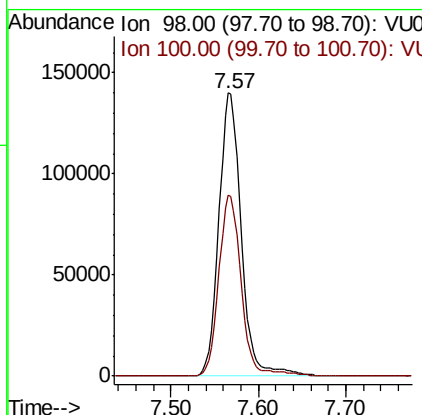
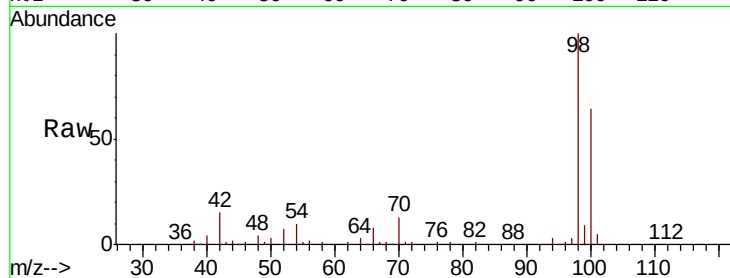




#50
Toluene-d8
Concen: 49.246 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027153.D
Acq: 26 Sep 2018 02:06

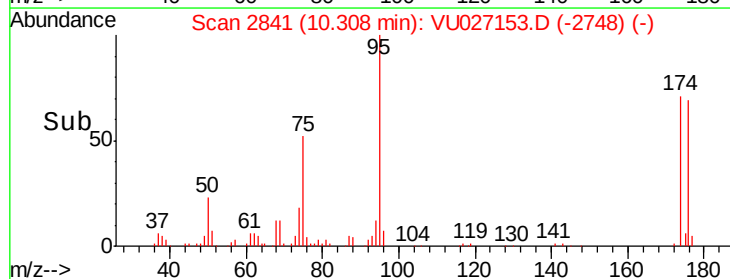
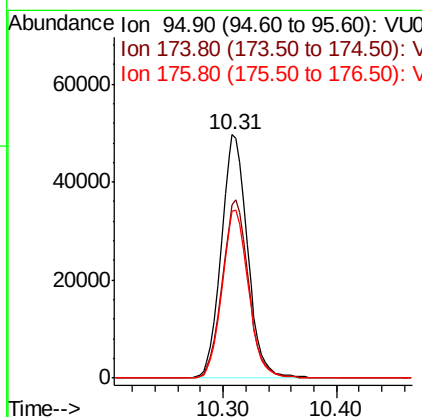
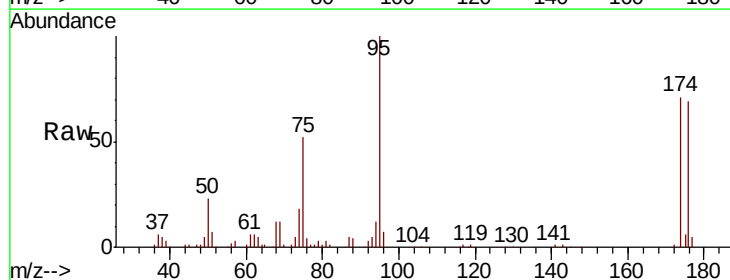
Instrument :
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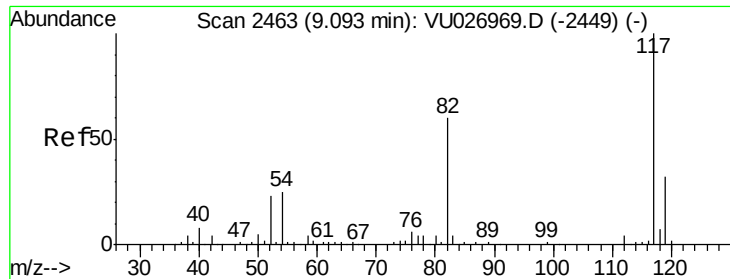
Tot Ion: 98 Resp: 249497
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.188 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027153.D
Acq: 26 Sep 2018 02:06

Tgt Ion: 95 Resp: 80294
Ion Ratio Lower Upper
95 100
174 73.1 0.0 150.2
176 69.0 0.0 145.2

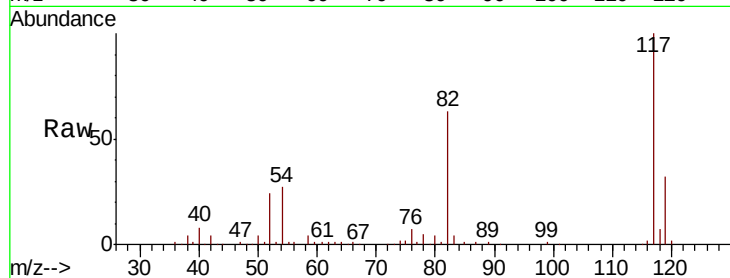




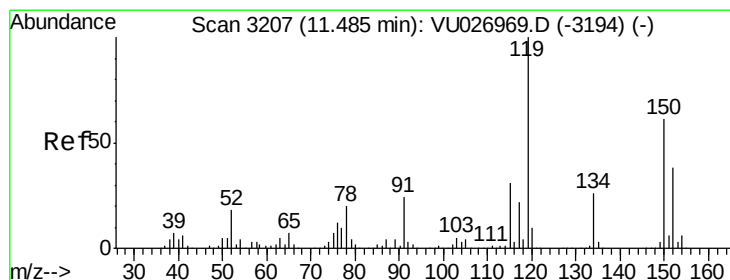
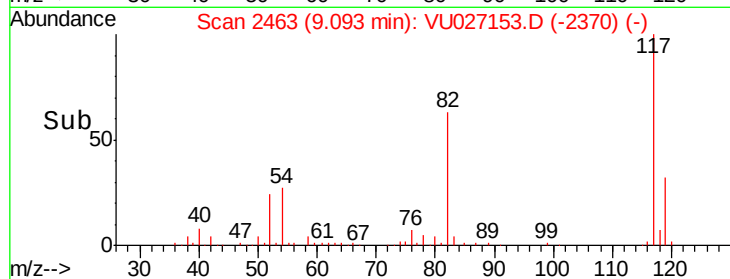
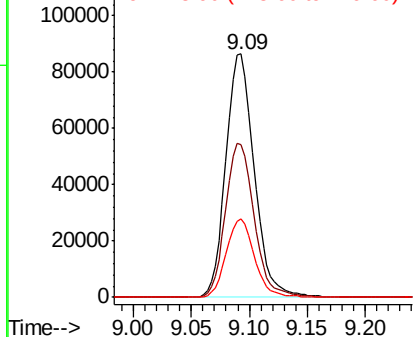
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027153.D
Acq: 26 Sep 2018 02:06

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ143I-20180916

Tot Ion:117 Resp: 146749
Ion Ratio Lower Upper
117 100
82 62.9 48.0 72.0
119 32.2 25.8 38.8

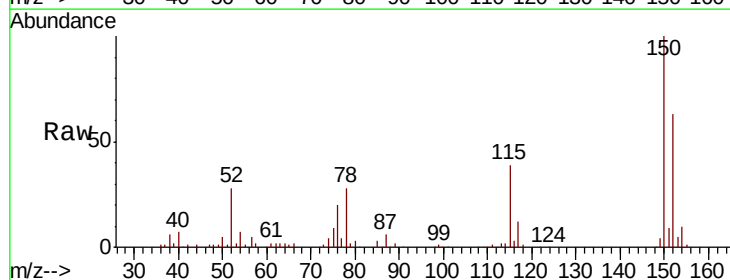


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

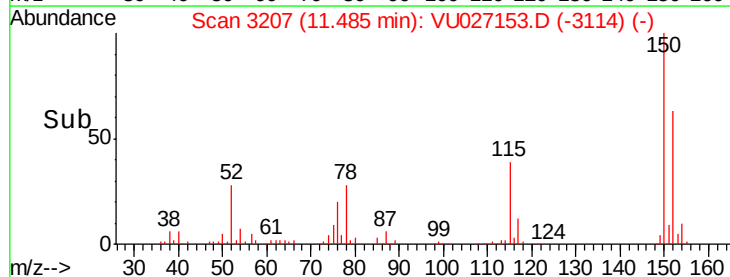
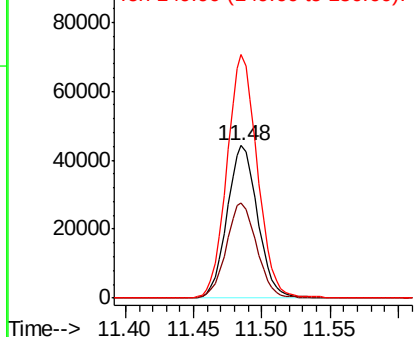


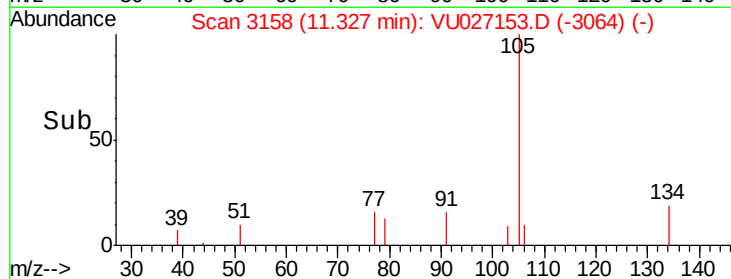
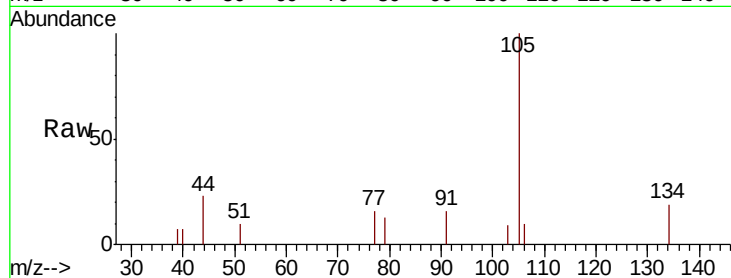
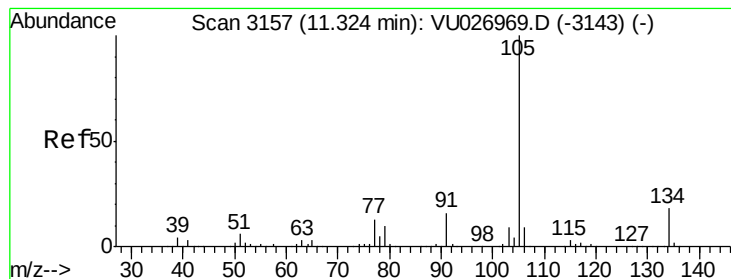
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027153.D
Acq: 26 Sep 2018 02:06

Tgt Ion:152 Resp: 68861
Ion Ratio Lower Upper
152 100
115 62.1 44.9 134.5
150 158.9 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





#85
 sec-Butylbenzene
 Concen: 0.469 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: VU027153.D
 Acq: 26 Sep 2018 02:06

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ143I-20180916

Tot Ion: 105 Resp: 2449
 Ion Ratio Lower Upper
 105 100
 134 14.5 9.4 28.2

