

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027269.D
 Acq On : 28 Sep 2018 14:18
 Operator : MD/SY
 Sample : J5103-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-056-MW04

Quant Time: Oct 02 06:51:26 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

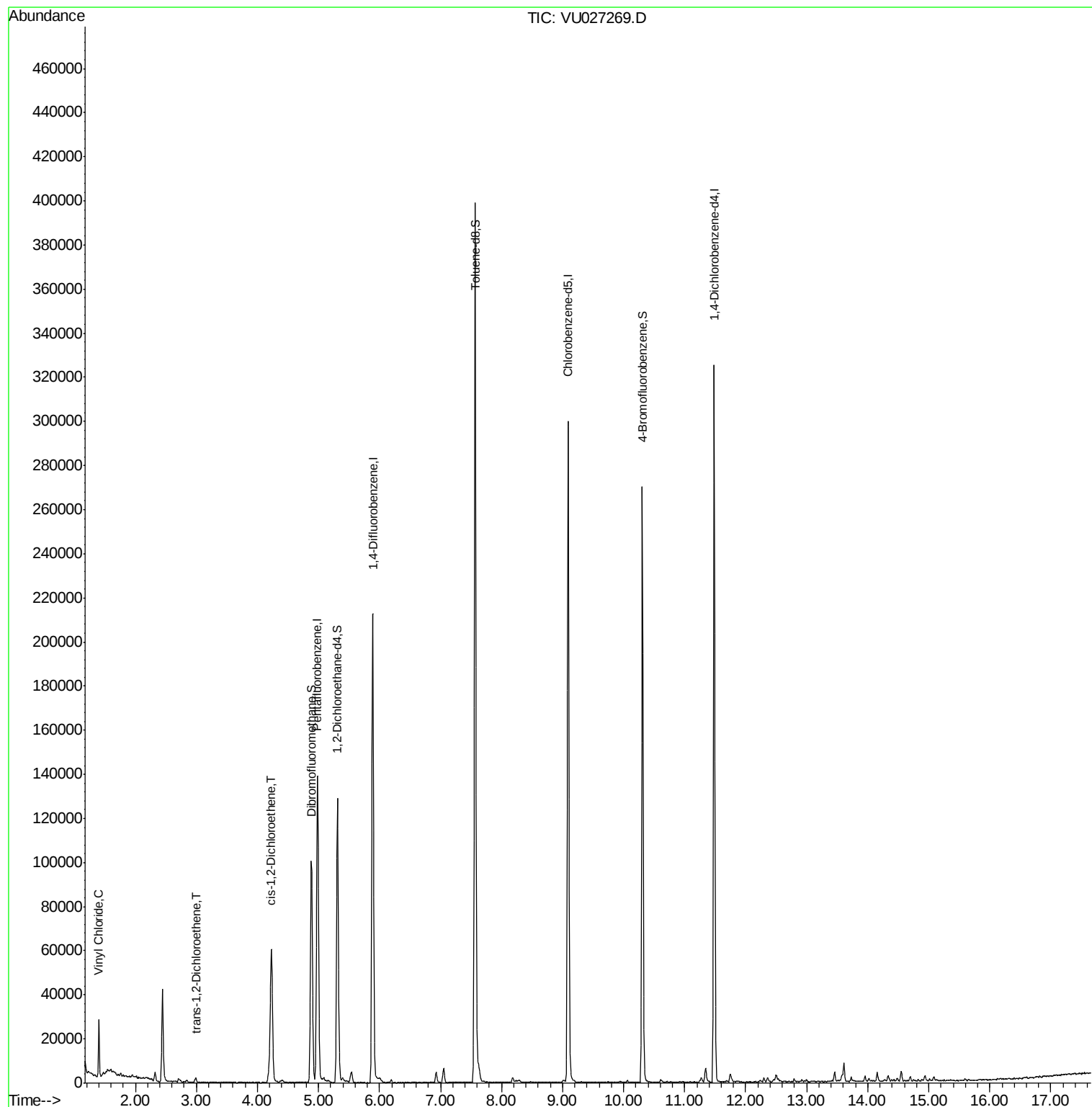
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	98562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	164042	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	158006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	99554	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	4.88	113	69079	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	7.57	98	263462	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	10.31	95	88555	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
Target Compounds						
4) Vinyl Chloride	1.40	62	15687	7.574	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	831	0.572	ug/l #	73
27) cis-1,2-Dichloroethene	4.23	96	31469	19.172	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: VU027269.D

Acq: 28 Sep 2018 14:18

Instrument :

MSVOA_U

ClientSampleId :

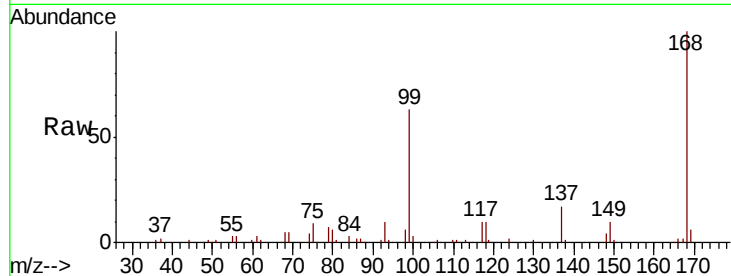
FA18-056-MW04

Tot Ion:168 Resp: 98562

Ion Ratio Lower Upper

168 100

99 62.8 48.1 72.1

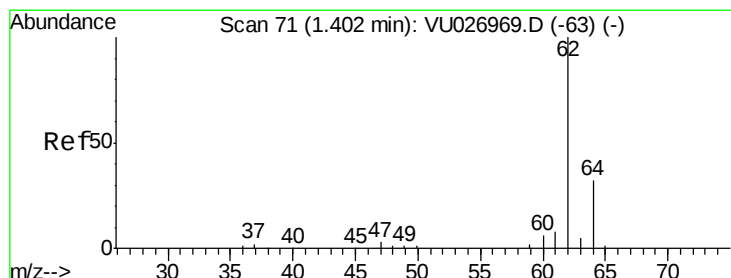
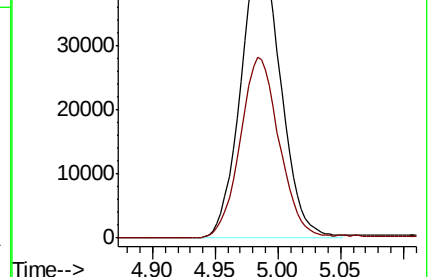
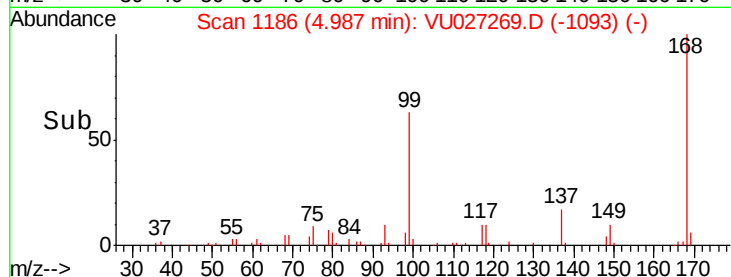


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

Time-->



#4

Vinyl Chloride

Concen: 7.574 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027269.D

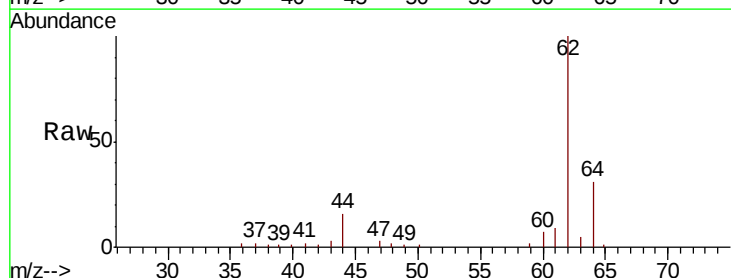
Acq: 28 Sep 2018 14:18

Tgt Ion: 62 Resp: 15687

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3

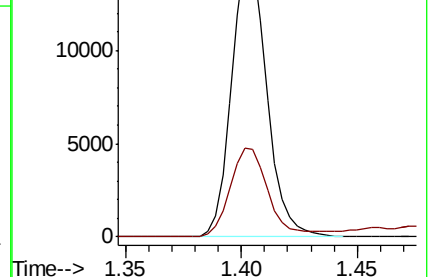
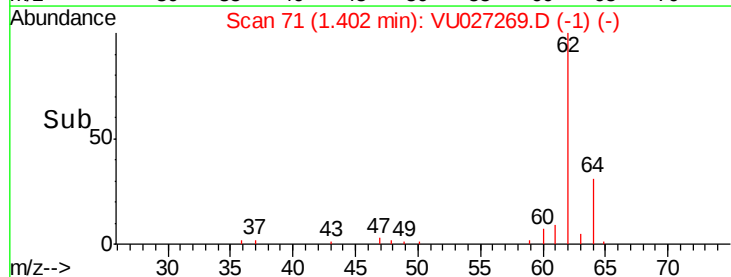


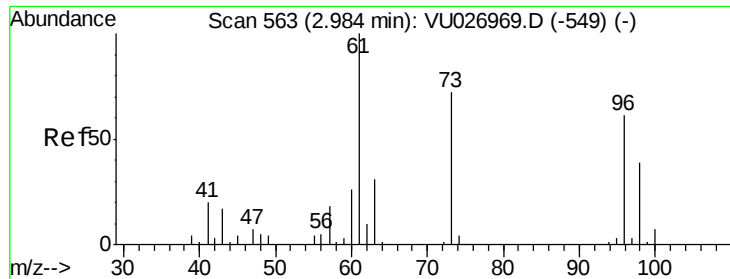
Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

1.40

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.572 ug/l

RT: 2.99 min Scan# 565

Delta R.T. 0.01 min

Lab File: VU027269.D

Acq: 28 Sep 2018 14:18

Instrument :

MSVOA_U

ClientSampleId :

FA18-056-MW04

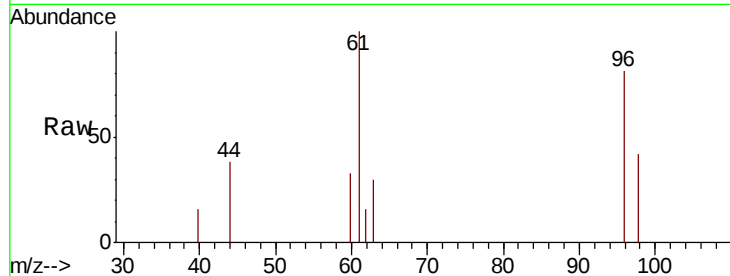
Tot Ion: 96 Resp: 831

Ion Ratio Lower Upper

96 100

61 122.8 131.8 197.6#

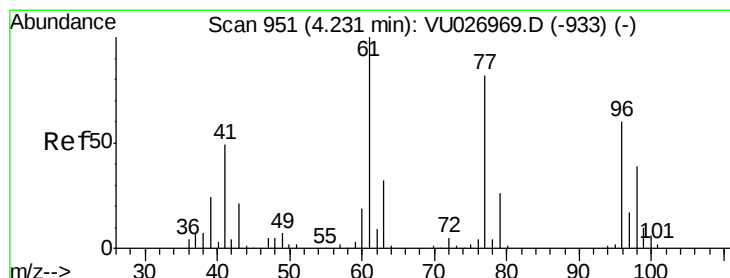
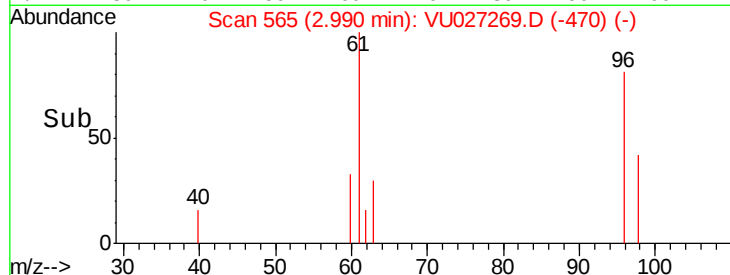
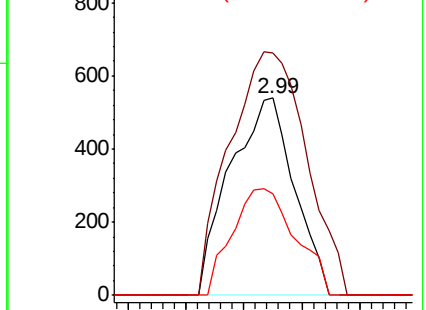
98 51.7 50.9 76.3



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



#27

cis-1,2-Dichloroethene

Concen: 19.172 ug/l

RT: 4.23 min Scan# 951

Delta R.T. 0.00 min

Lab File: VU027269.D

Acq: 28 Sep 2018 14:18

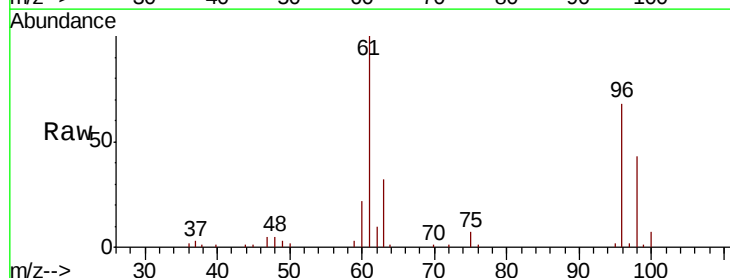
Tgt Ion: 96 Resp: 31469

Ion Ratio Lower Upper

96 100

61 150.3 0.0 337.2

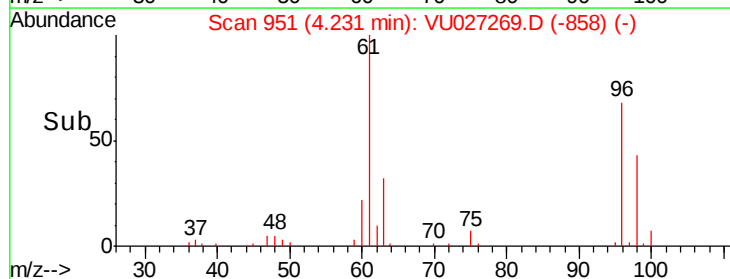
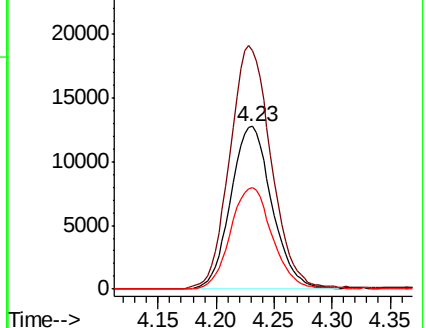
98 63.4 0.0 127.6

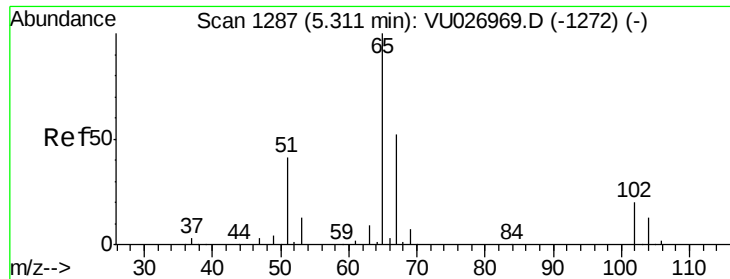


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

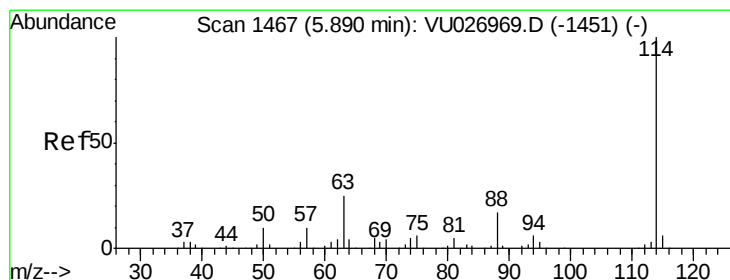
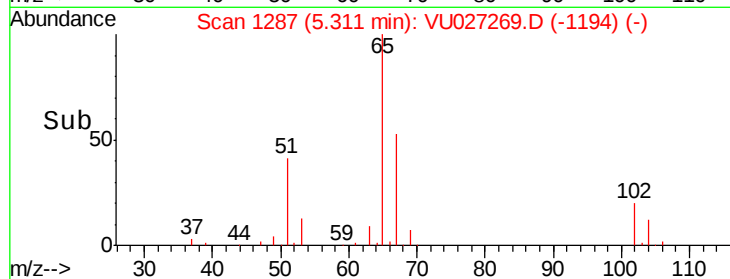
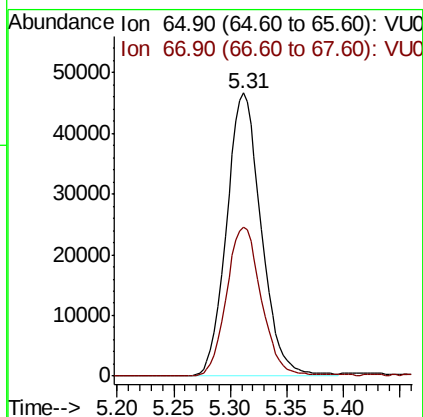
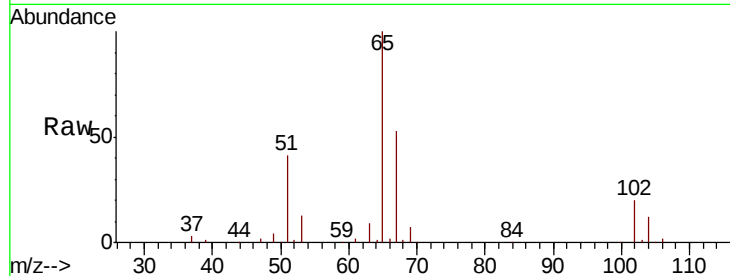




#33
 1,2-Dichloroethane-d4
 Concen: 50.185 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027269.D
 Acq: 28 Sep 2018 14:18

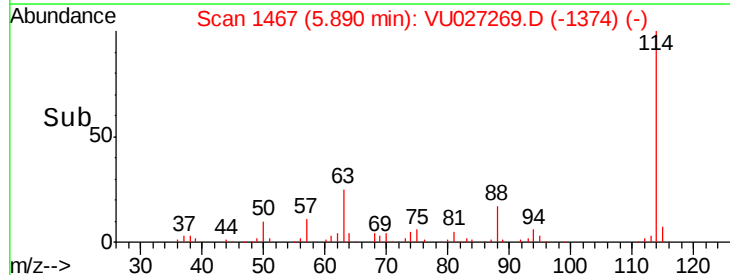
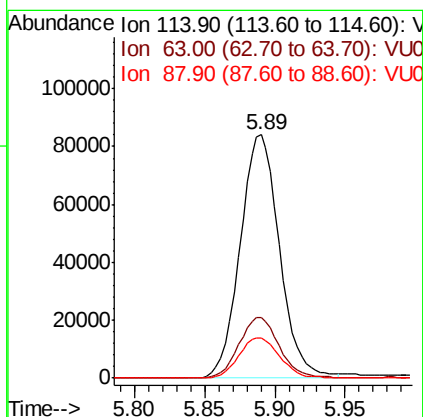
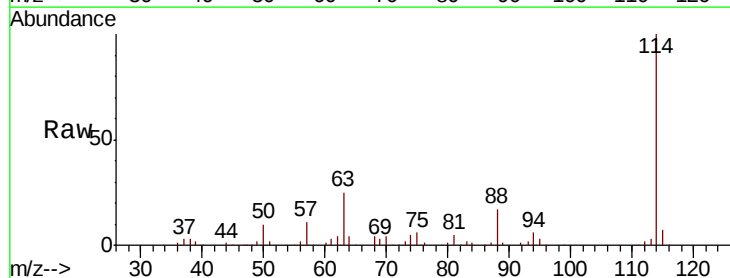
Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-056-MW04

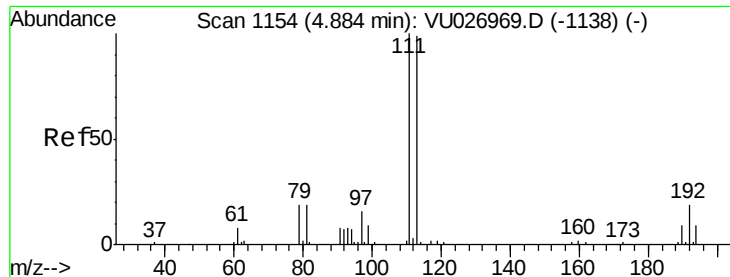
Tot Ion: 65 Resp: 99554
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027269.D
 Acq: 28 Sep 2018 14:18

Tgt Ion: 114 Resp: 164042
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.6 0.0 33.8

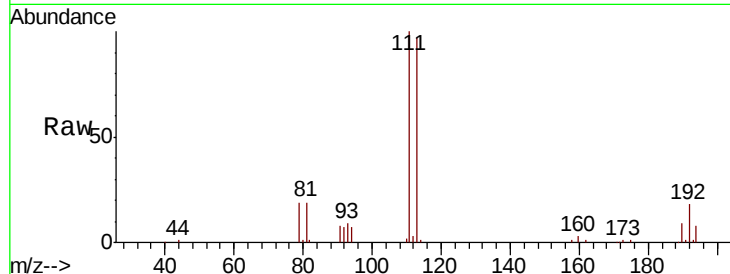




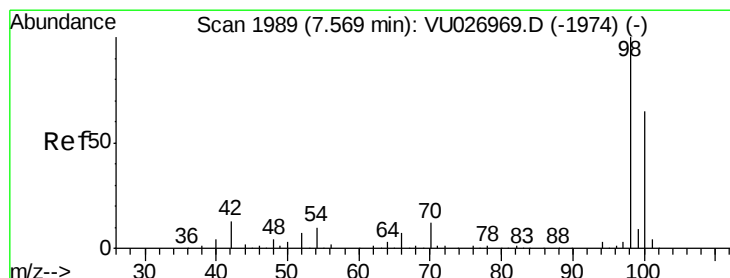
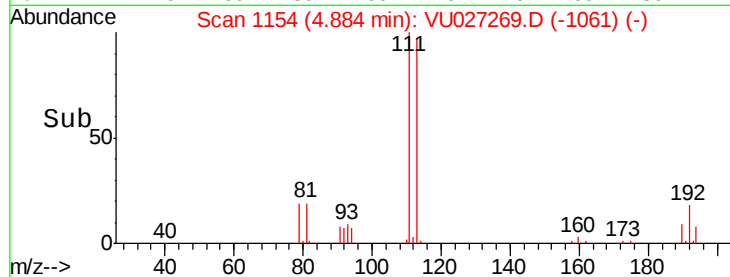
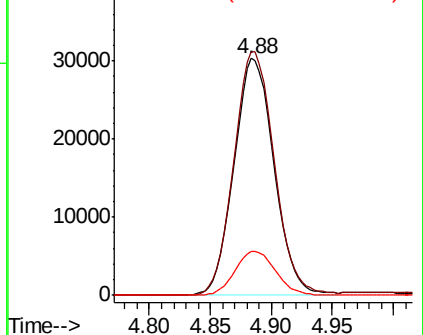
#35
 Dibromofluoromethane
 Concen: 48.582 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027269.D
 Acq: 28 Sep 2018 14:18

Instrument :
 MSVOA_U
 ClientSampleId :
 FA18-056-MW04

Tot Ion:113 Resp: 69079
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.4
 192 18.8 15.2 22.8

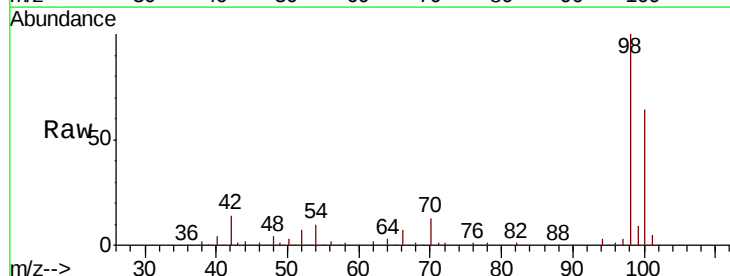


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

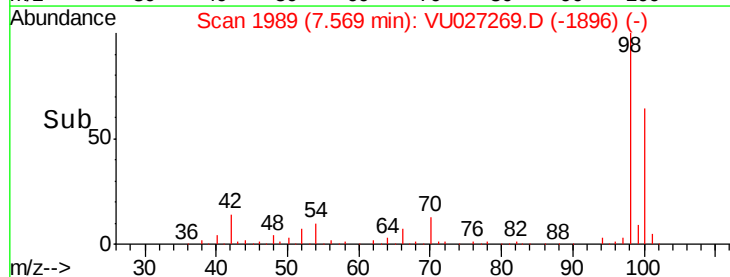
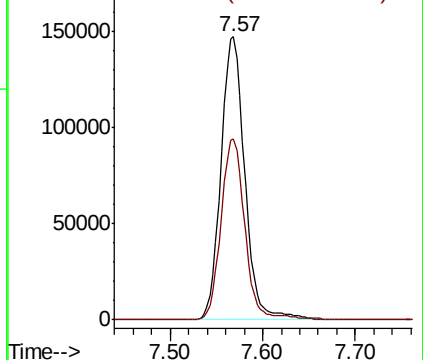


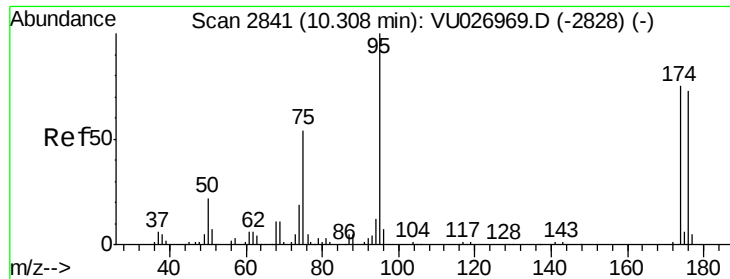
#50
 Toluene-d8
 Concen: 48.618 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VU027269.D
 Acq: 28 Sep 2018 14:18

Tgt Ion: 98 Resp: 263462
 Ion Ratio Lower Upper
 98 100
 100 64.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU

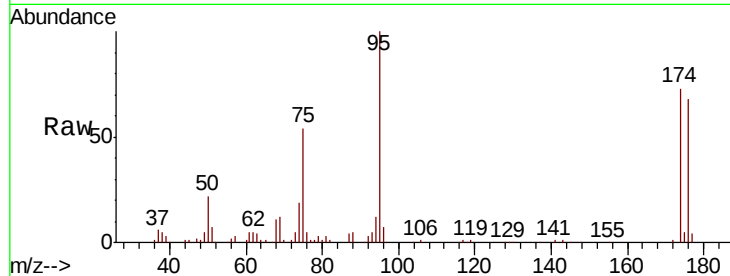




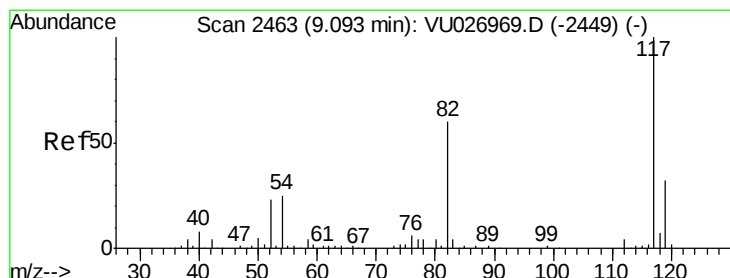
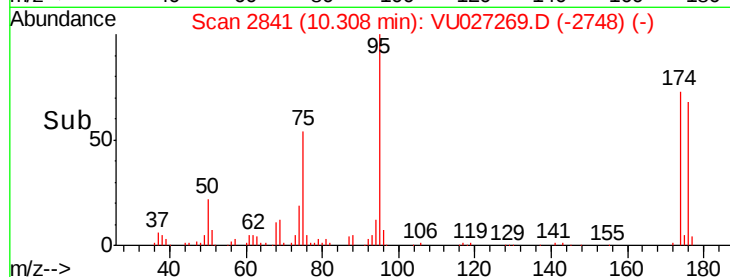
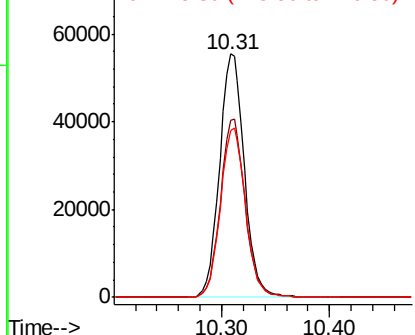
#62
4-Bromofluorobenzene
Concen: 47.625 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027269.D
Acq: 28 Sep 2018 14:18

Instrument :
MSVOA_U
ClientSampleId :
FA18-056-MW04

Tot Ion: 95 Resp: 88555
Ion Ratio Lower Upper
95 100
174 72.7 0.0 150.2
176 70.4 0.0 145.2

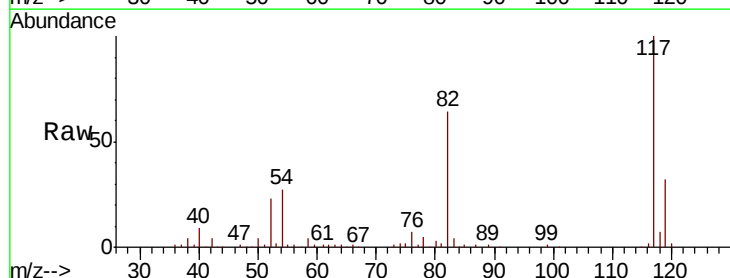


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

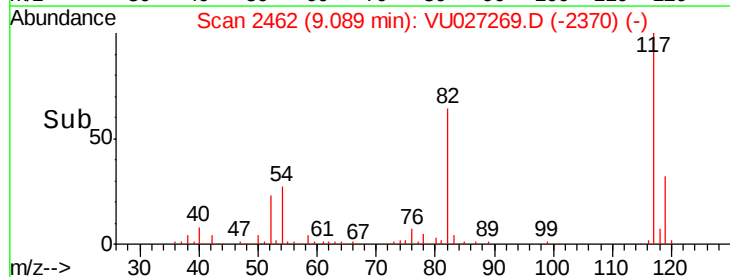
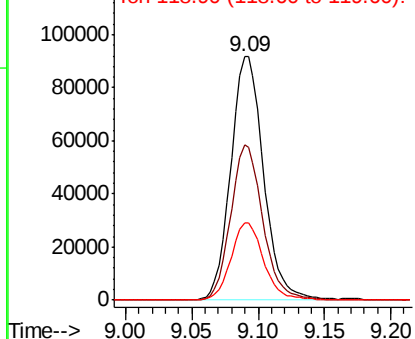


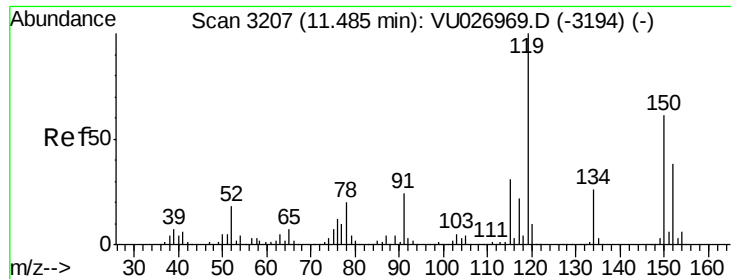
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027269.D
Acq: 28 Sep 2018 14:18

Tgt Ion: 117 Resp: 158006
Ion Ratio Lower Upper
117 100
82 63.7 48.0 72.0
119 31.8 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



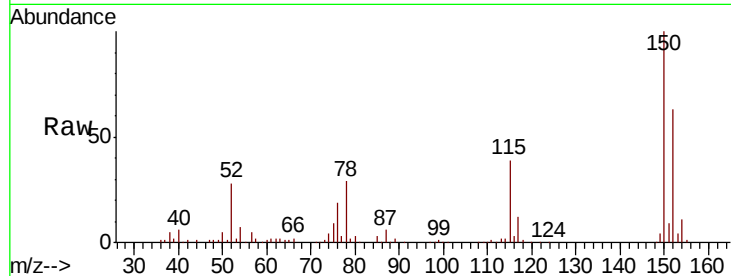


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027269.D
Acq: 28 Sep 2018 14:18

Instrument :
MSVOA_U
ClientSampleId :
FA18-056-MW04

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.9	134.5
150	158.7	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

