

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028102.D
 Acq On : 13 Nov 2018 19:19
 Operator : MD/SY
 Sample : J5910-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 W-4-D

Quant Time: Nov 14 08:04:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

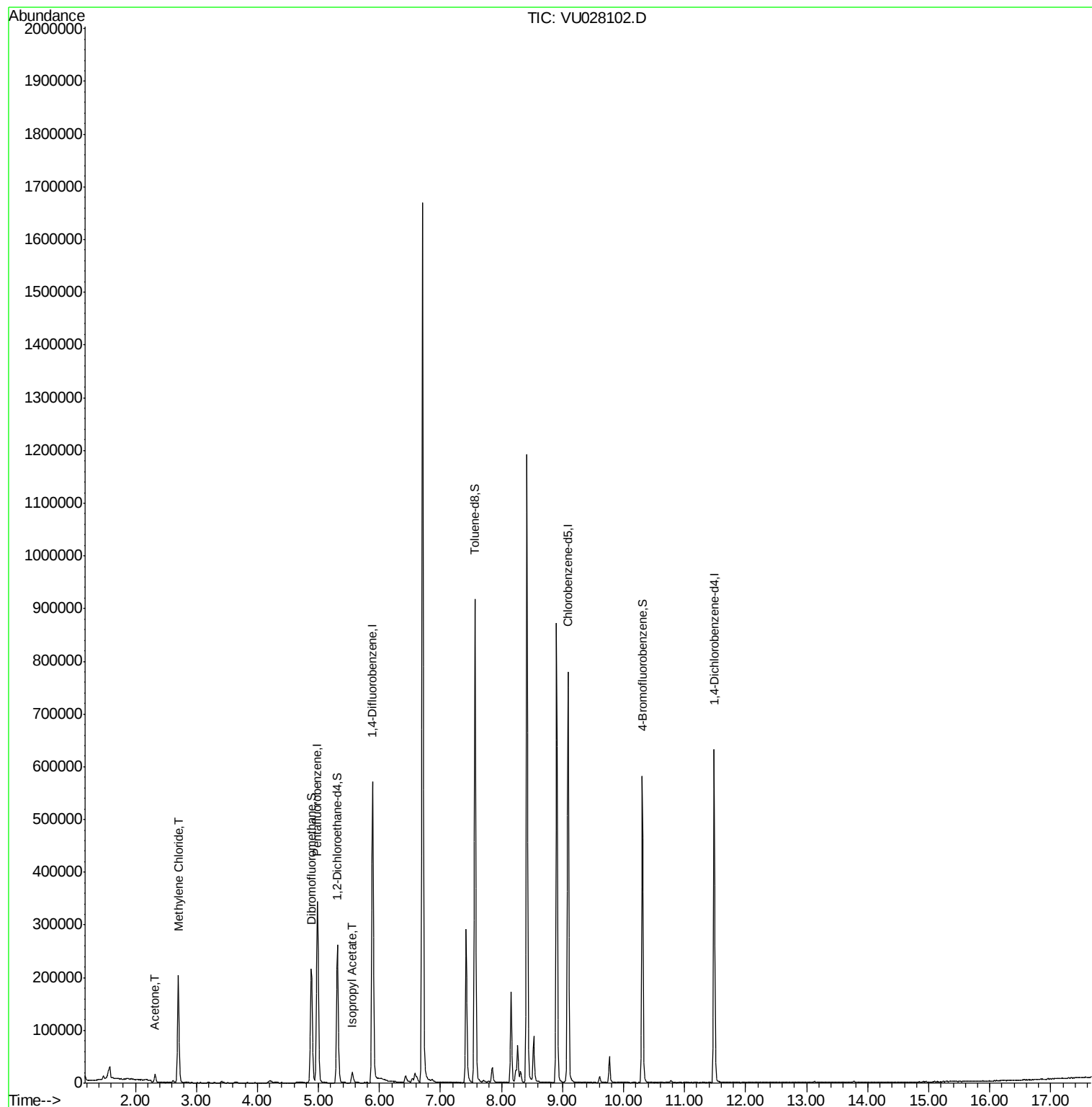
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	257443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	467172	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	406991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	159856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	198559	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	4.88	113	150910	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
50) Toluene-d8	7.57	98	598800	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	10.31	95	191036	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
Target Compounds						
16) Acetone	2.32	43	16594	6.988	ug/l	95
20) Methylene Chloride	2.70	84	88907	25.642	ug/l	95
43) Isopropyl Acetate	5.55	43	25257	2.249	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028102.D

Acq: 13 Nov 2018 19:19

Instrument :

MSVOA_U

ClientSampleId :

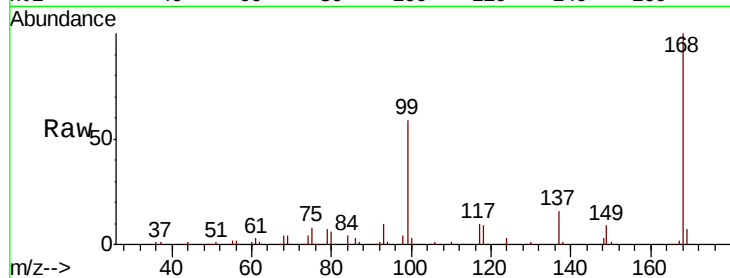
W-4-D

Tot Ion:168 Resp: 257443

Ion Ratio Lower Upper

168 100

99 59.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028102.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028102.D (-1092) (-)

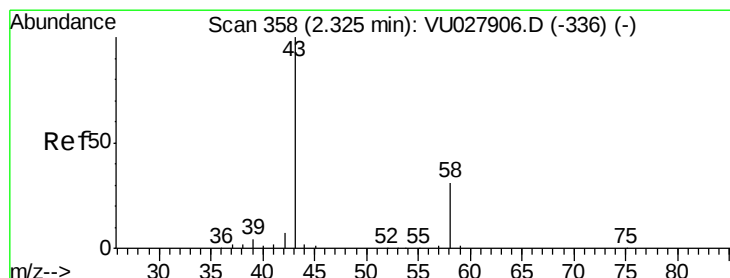
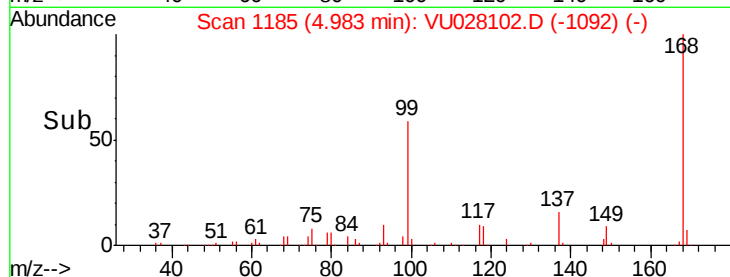
4.98

100000

50000

0

Time-->



#16

Acetone

Concen: 6.988 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028102.D

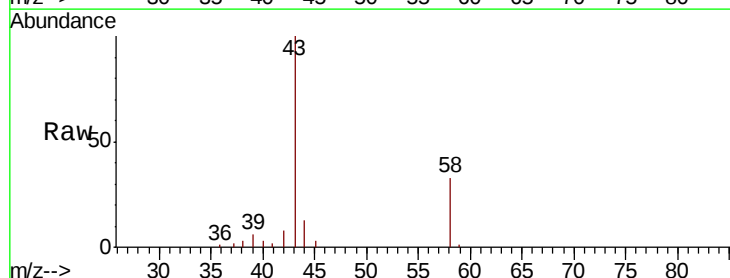
Acq: 13 Nov 2018 19:19

Tgt Ion: 43 Resp: 16594

Ion Ratio Lower Upper

43 100

58 33.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028102.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028102.D (-265) (-)

2.32

12000

10000

8000

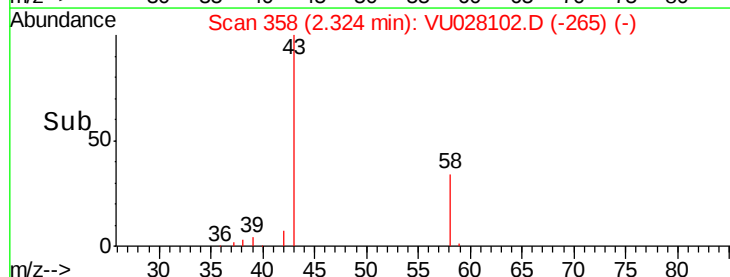
6000

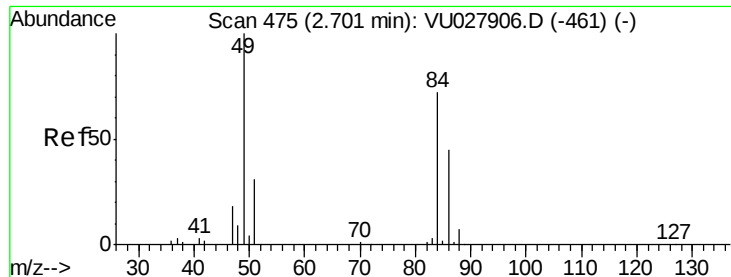
4000

2000

0

Time-->

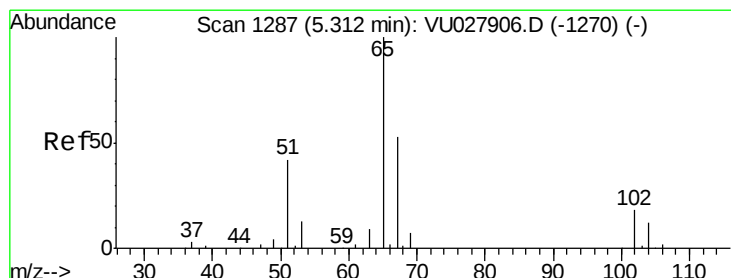
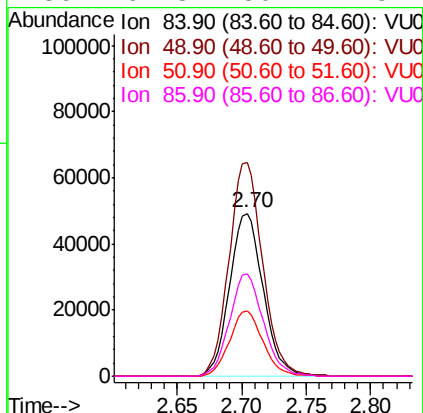
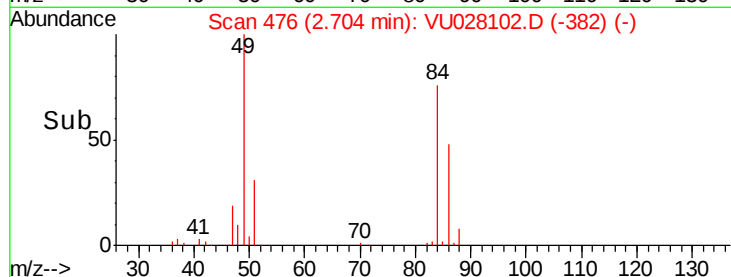
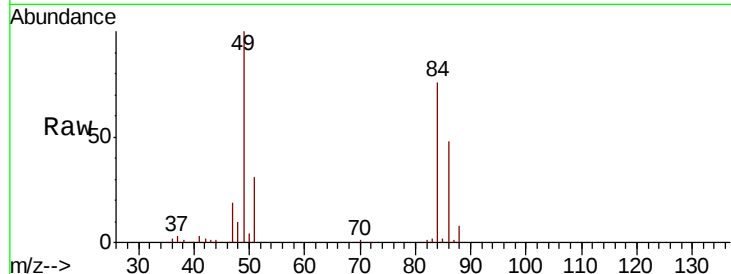




#20
Methylene Chloride
Concen: 25.642 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028102.D
Acq: 13 Nov 2018 19:19

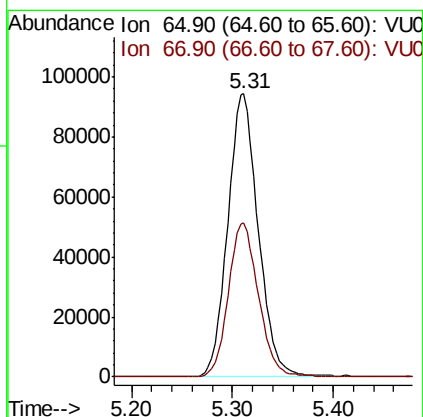
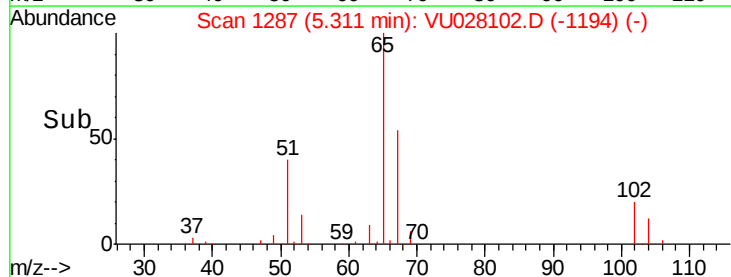
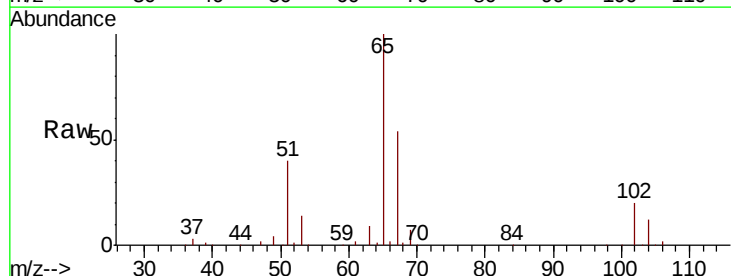
Instrument :
MSVOA_U
ClientSampleId :
W-4-D

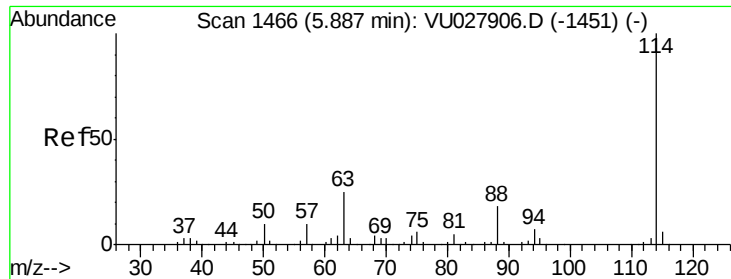
Tot Ion: 84 Resp: 88907
Ion Ratio Lower Upper
84 100
49 131.0 111.6 167.4
51 40.0 34.8 52.2
86 62.8 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 51.876 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028102.D
Acq: 13 Nov 2018 19:19

Tgt Ion: 65 Resp: 198559
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0

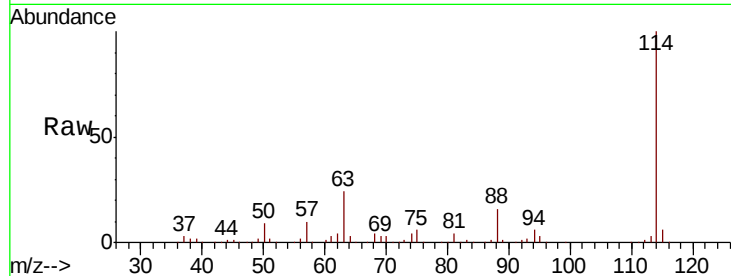




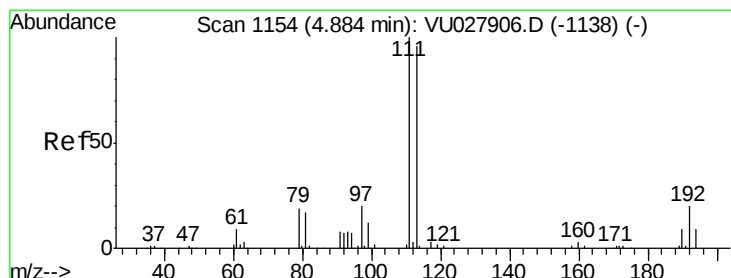
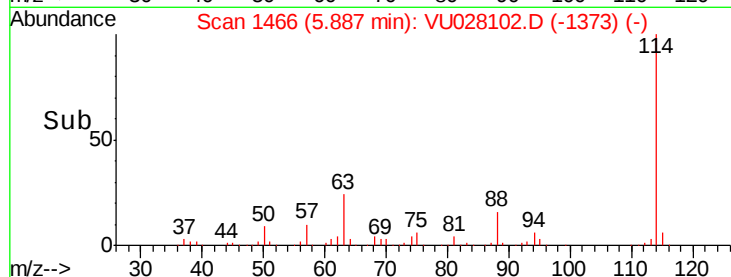
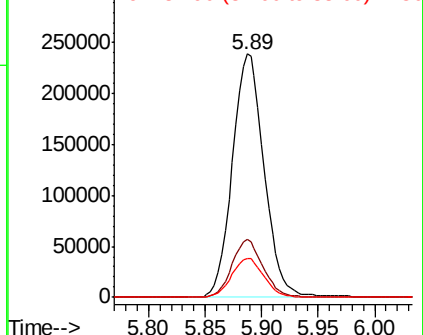
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028102.D
 Acq: 13 Nov 2018 19:19

Instrument :
 MSVOA_U
 ClientSampleId :
 W-4-D

Tot Ion:114 Resp: 467172
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 50.8
 88 16.2 0.0 35.8

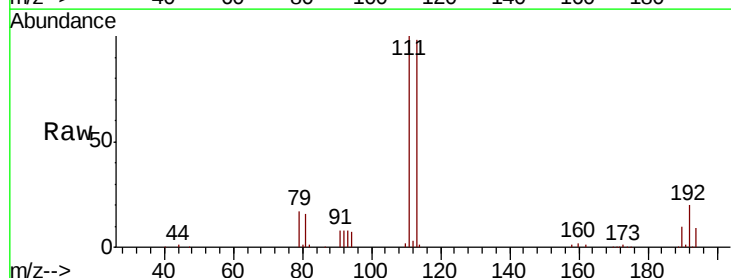


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

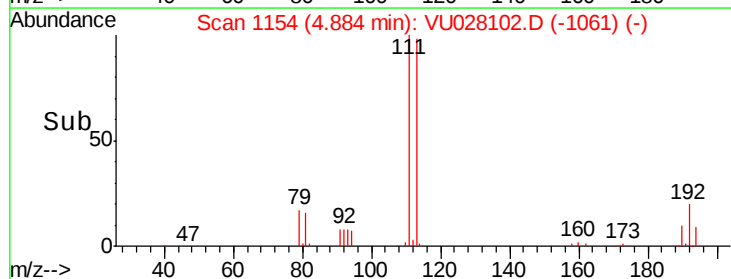
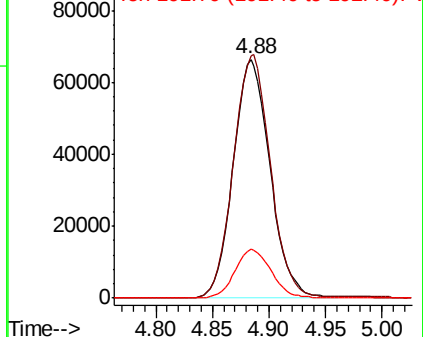


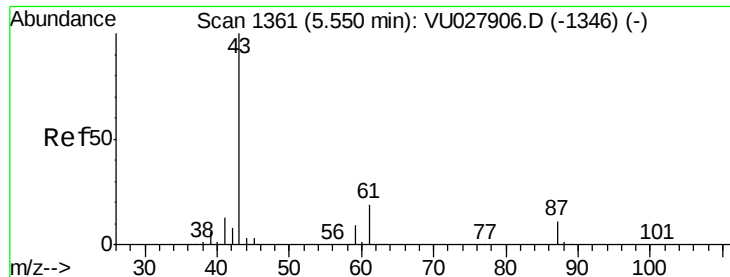
#35
 Dibromofluoromethane
 Concen: 51.232 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028102.D
 Acq: 13 Nov 2018 19:19

Tgt Ion:113 Resp: 150910
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.0 124.6
 192 20.0 15.6 23.4



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: 2.249 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028102.D

Acq: 13 Nov 2018 19:19

Instrument :

MSVOA_U

ClientSampled :

W-4-D

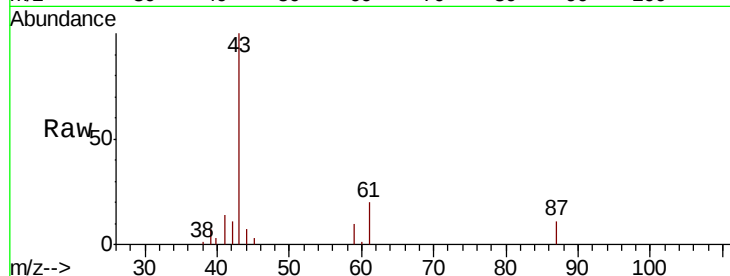
Tot Ion: 43 Resp: 25257

Ion Ratio Lower Upper

43 100

61 18.0 15.0 22.4

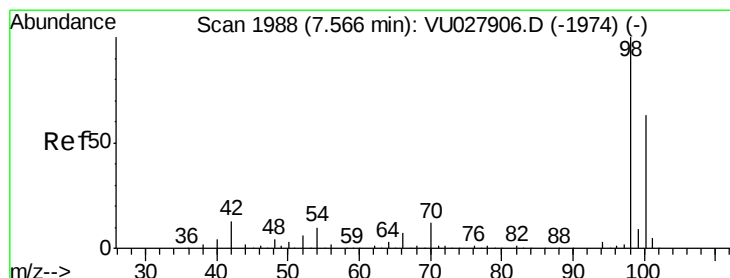
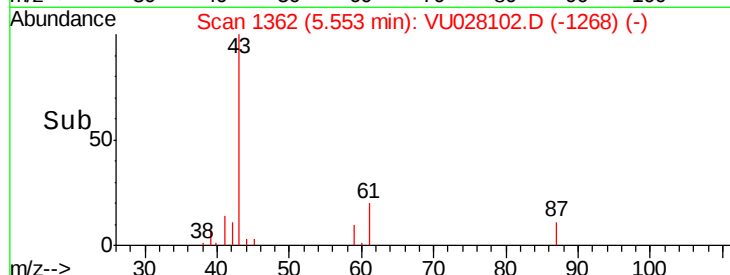
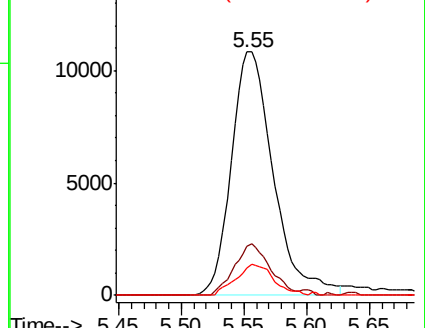
87 11.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



#50

Toluene-d8

Concen: 52.625 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028102.D

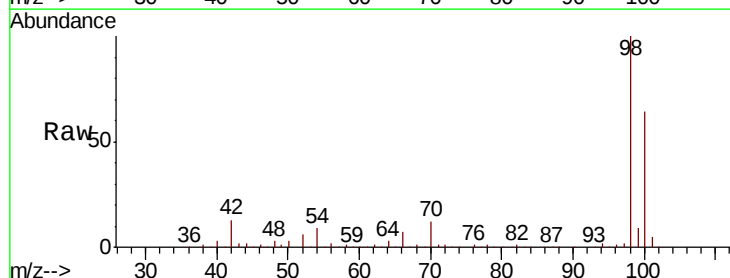
Acq: 13 Nov 2018 19:19

Tgt Ion: 98 Resp: 598800

Ion Ratio Lower Upper

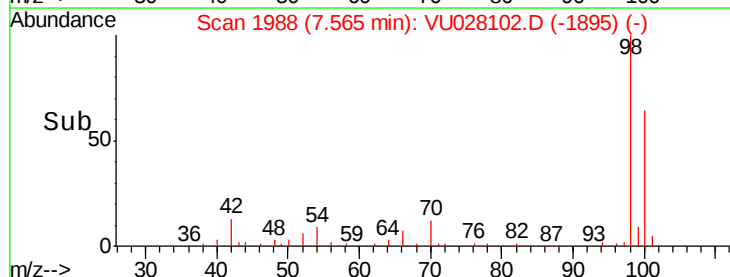
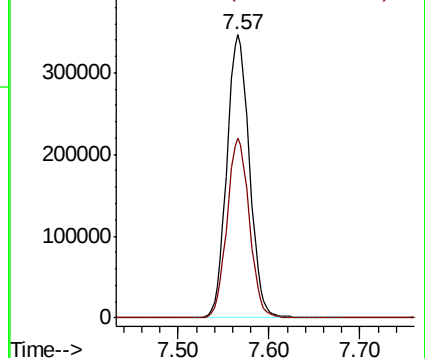
98 100

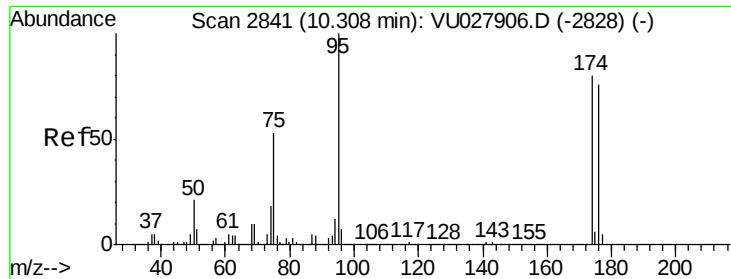
100 62.8 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

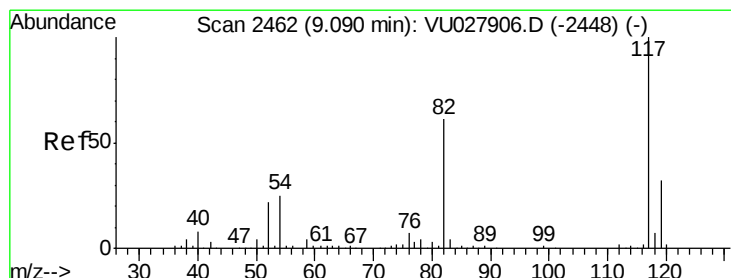
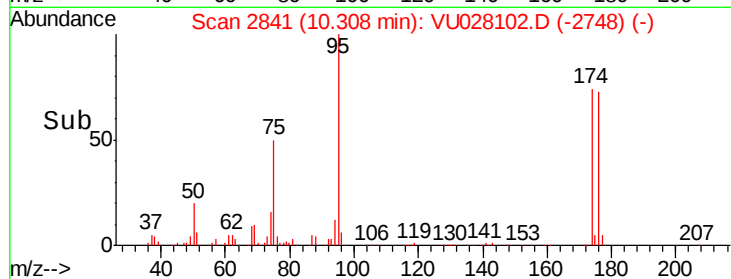
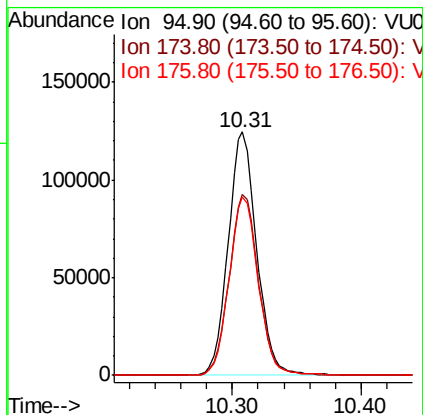
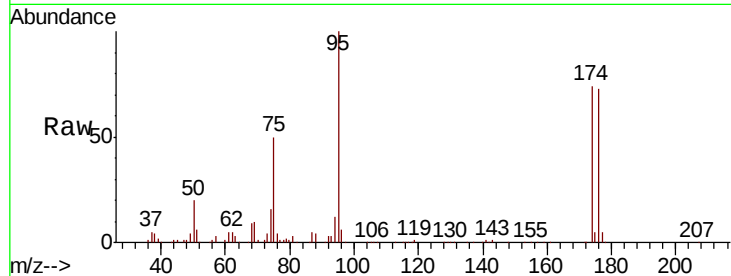




#62
4-Bromofluorobenzene
Concen: 45.518 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028102.D
Acq: 13 Nov 2018 19:19

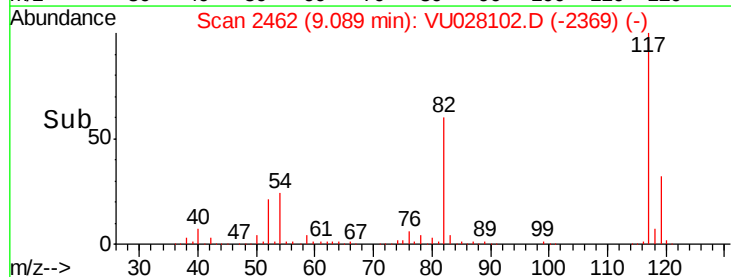
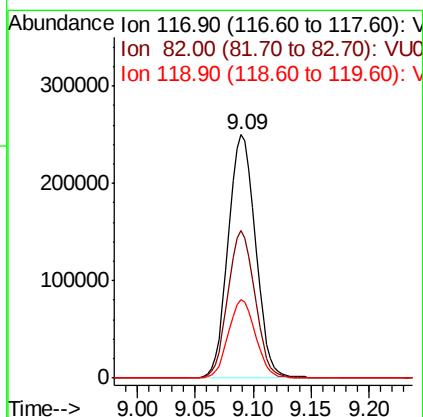
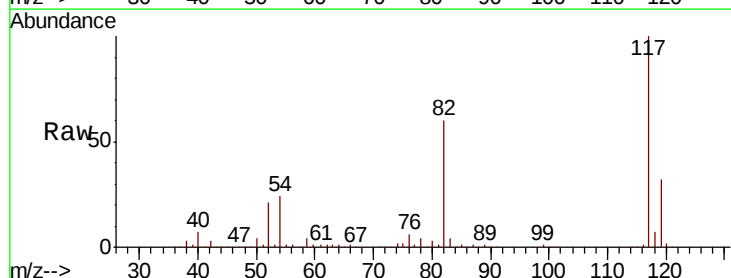
Instrument :
MSVOA_U
ClientSampleId :
W-4-D

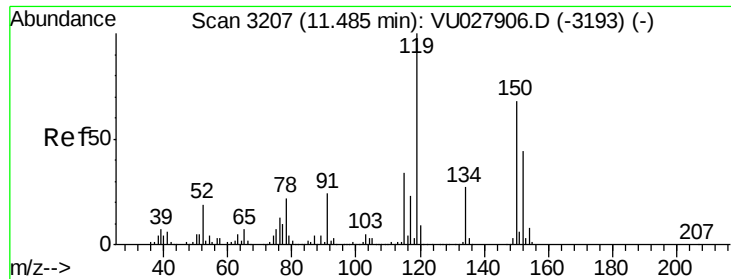
Tot Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	156.4
176	75.0	0.0	150.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028102.D
Acq: 13 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.5	48.6	73.0
119	32.1	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028102.D

Acq: 13 Nov 2018 19:19

Instrument :

MSVOA_U

ClientSampleId :

W-4-D

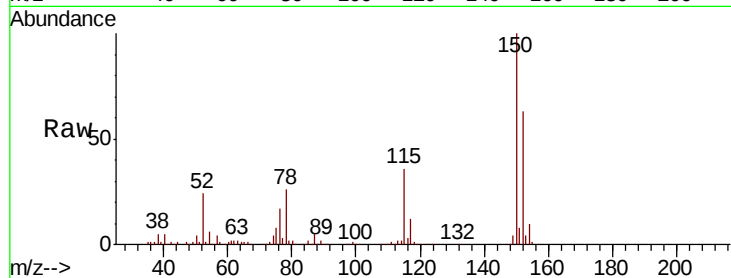
Tot Ion:152 Resp: 159856

Ion Ratio Lower Upper

152 100

115 58.1 43.0 129.0

150 157.0 0.0 349.4



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

