

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028015.D
 Acq On : 08 Nov 2018 10:59
 Operator : MD/SY
 Sample : PB114610TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610TB

Quant Time: Nov 08 11:44:38 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

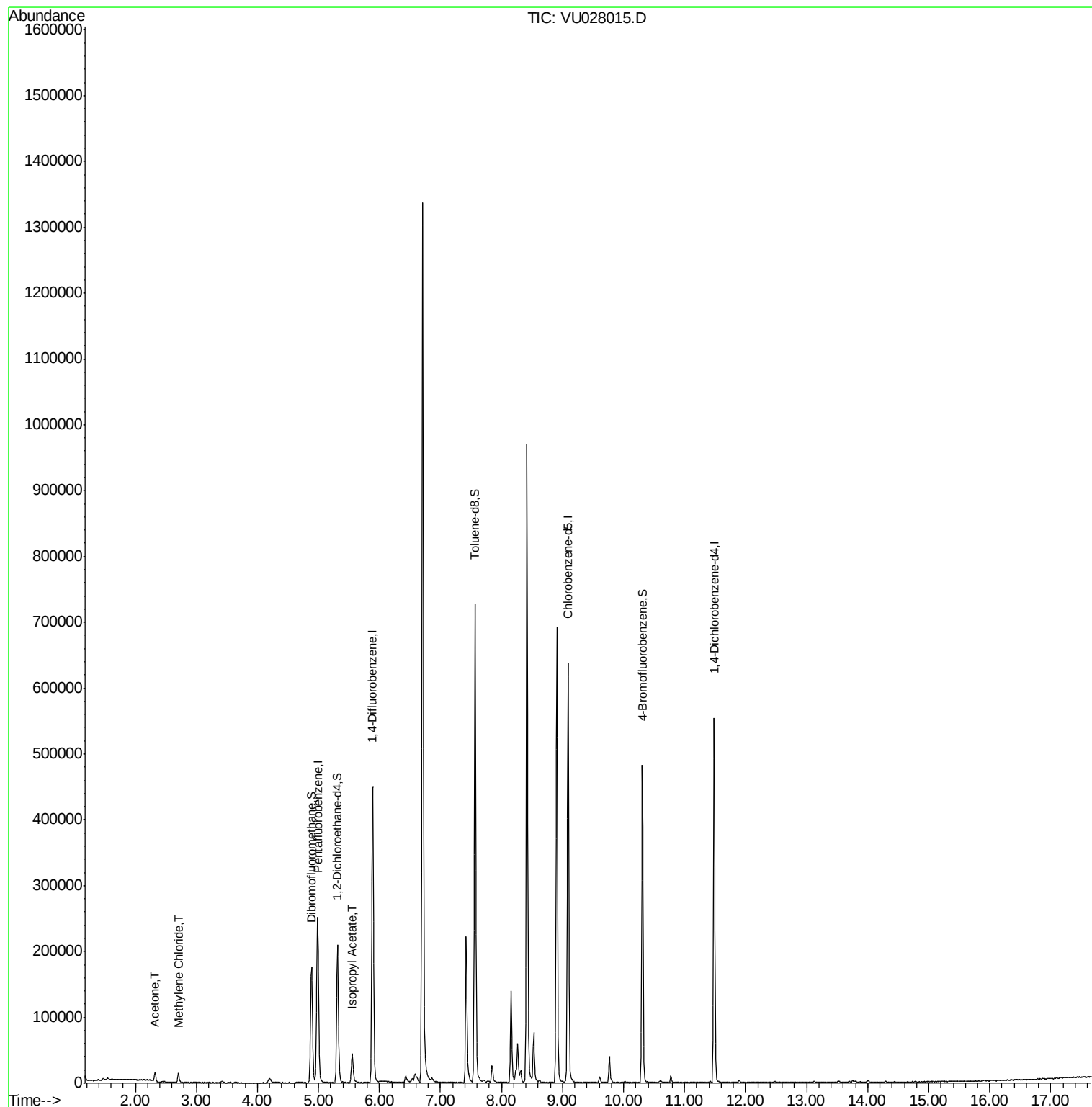
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	369504	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	329227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	136885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	159429	56.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.74%	
35) Dibromofluoromethane	4.89	113	121535	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	7.57	98	474945	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	10.31	95	156286	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
Target Compounds						
16) Acetone	2.32	43	14350	8.250	ug/l	95
20) Methylene Chloride	2.71	84	6194	2.439	ug/l	94
43) Isopropyl Acetate	5.55	43	55680	6.268	ug/l	99

(#) = 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: VU028015.D

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Instrument :

MSVOA_U

ClientSampleId :

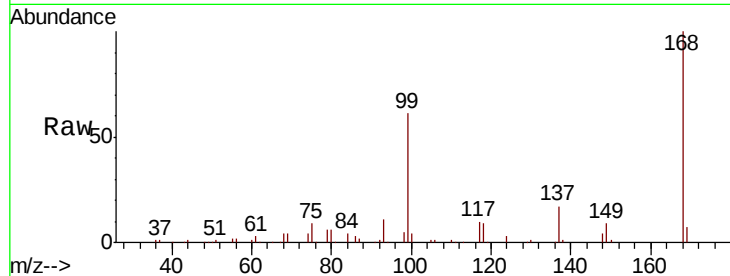
PB114610TB

Tot Ion:168 Resp: 188566

Ion Ratio Lower Upper

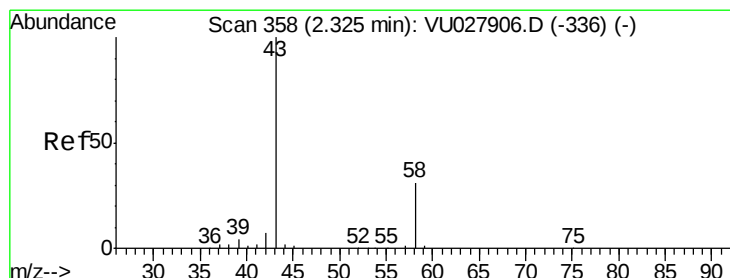
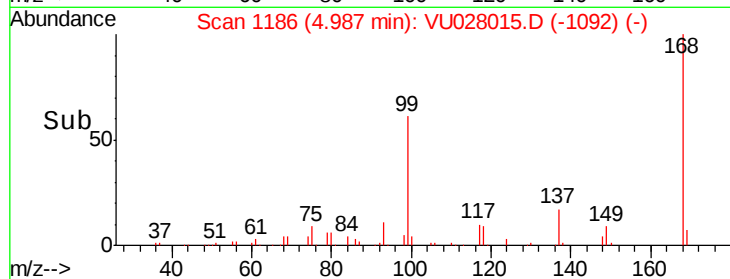
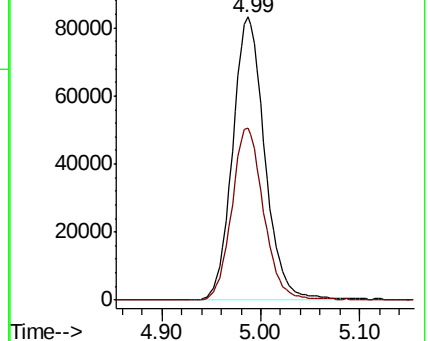
168 100

99 60.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)



#16

Acetone

Concen: 8.250 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028015.D

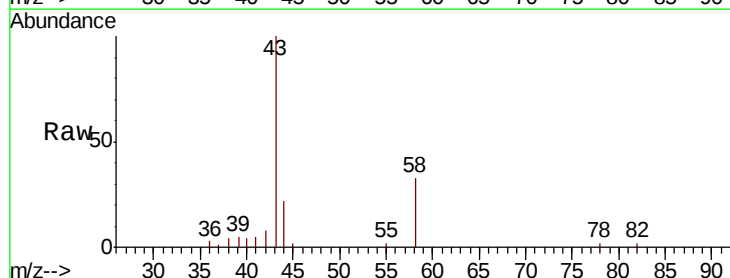
Acq: 08 Nov 2018 10:59

Tgt Ion: 43 Resp: 14350

Ion Ratio Lower Upper

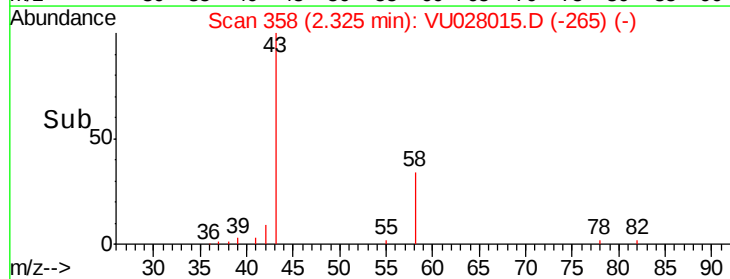
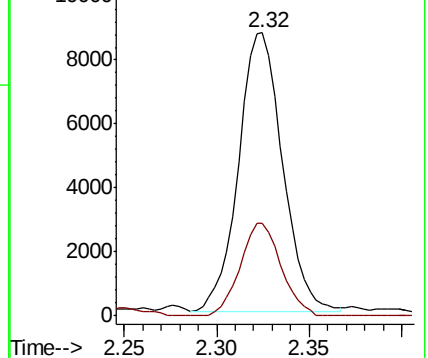
43 100

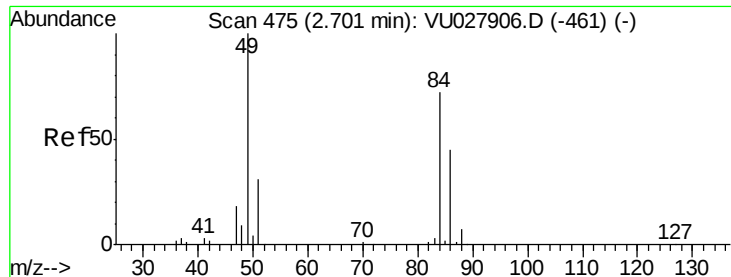
58 33.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)

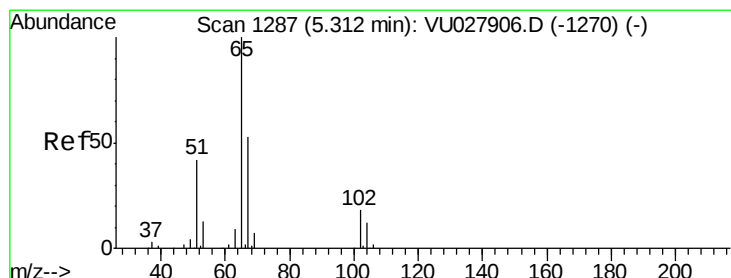
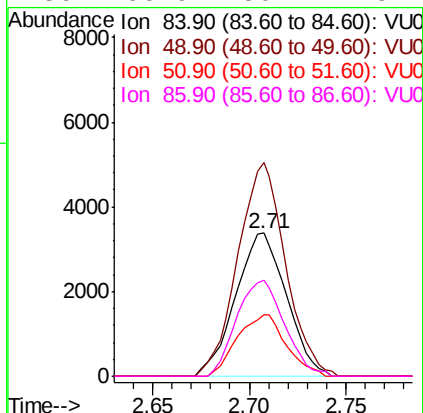
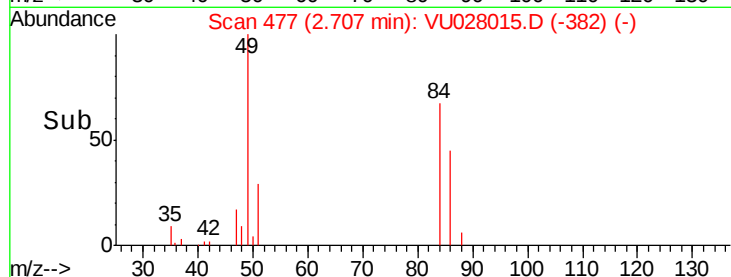
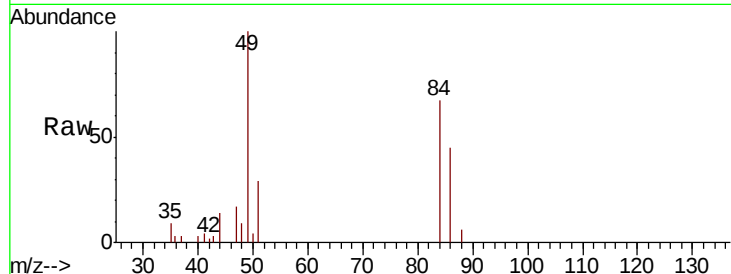




#20
Methvlene Chloride
Concen: 2.439 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU028015.D
Acq: 08 Nov 2018 10:59

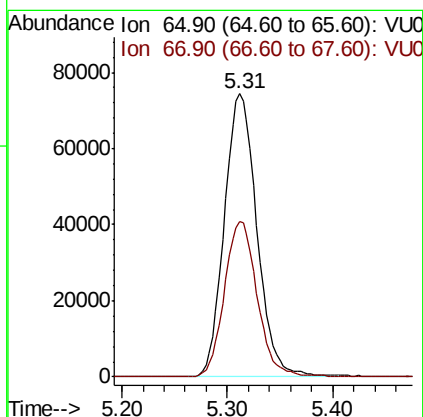
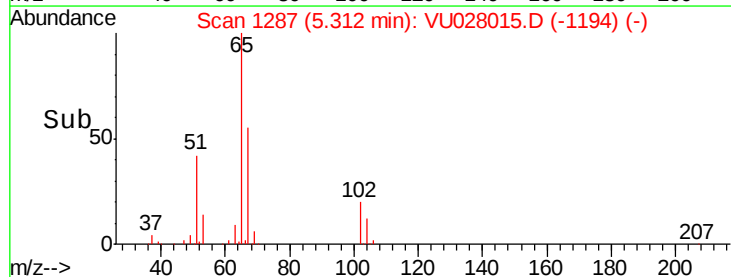
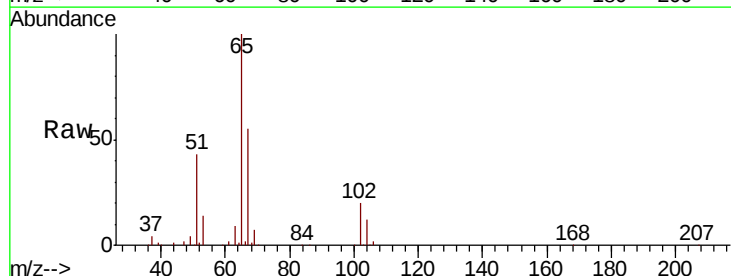
Instrument :
MSVOA_U
ClientSampleId :
PB114610TB

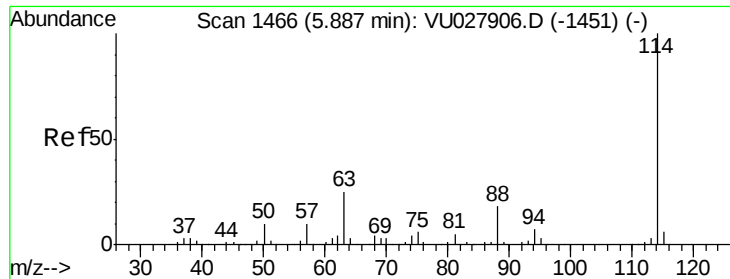
Tot Ion:	84	Resp:	6194
Ion	Ratio	Lower	Upper
84	100		
49	149.1	111.6	167.4
51	42.9	34.8	52.2
86	66.9	50.1	75.1



#33
1,2-Dichloroethane-d4
Concen: 56.868 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU028015.D
Acq: 08 Nov 2018 10:59

Tgt Ion:	65	Resp:	159429
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.0

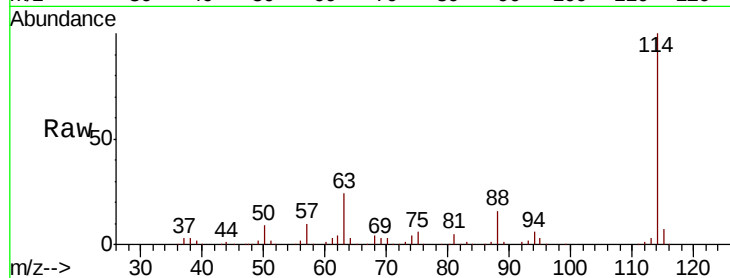




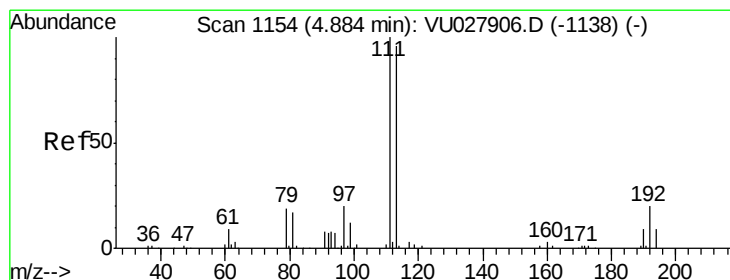
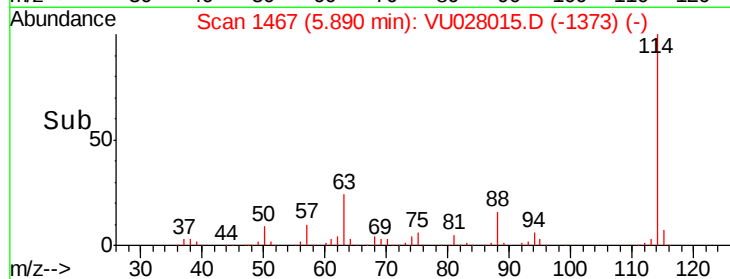
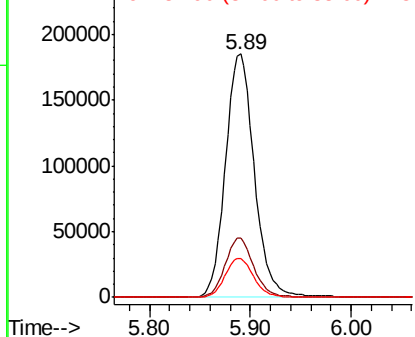
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028015.D
 Acq: 08 Nov 2018 10:59

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610TB

Tot Ion:114 Resp: 369504
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.8
 88 16.1 0.0 35.8

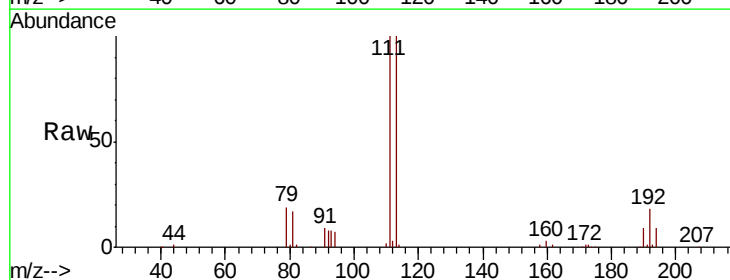


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

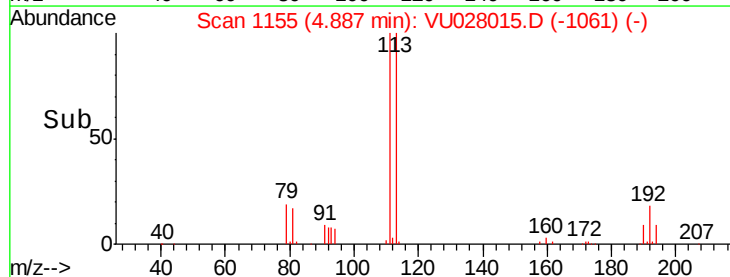
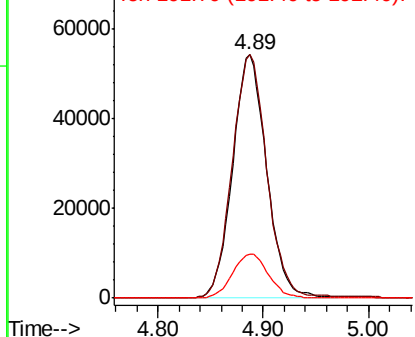


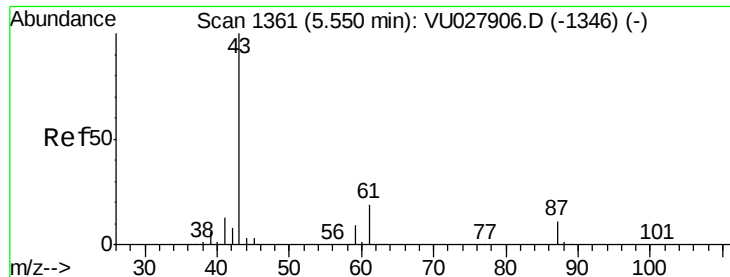
#35
 Dibromofluoromethane
 Concen: 52.166 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028015.D
 Acq: 08 Nov 2018 10:59

Tgt Ion:113 Resp: 121535
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.0 124.6
 192 19.2 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: 6.268 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028015.D

Acq: 08 Nov 2018 10:59

Instrument :

MSVOA_U

ClientSampleId :

PB114610TB

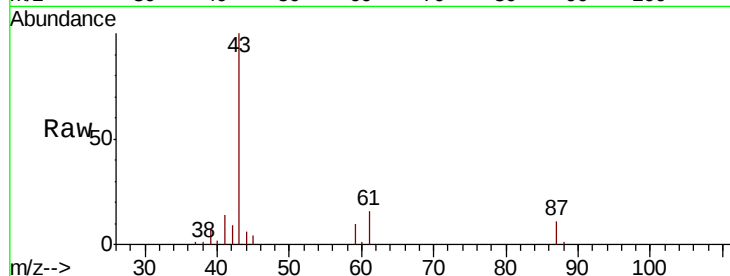
Tot Ion: 43 Resp: 55680

Ion Ratio Lower Upper

43 100

61 17.9 15.0 22.4

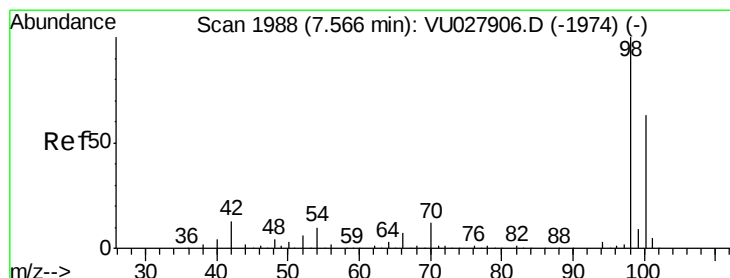
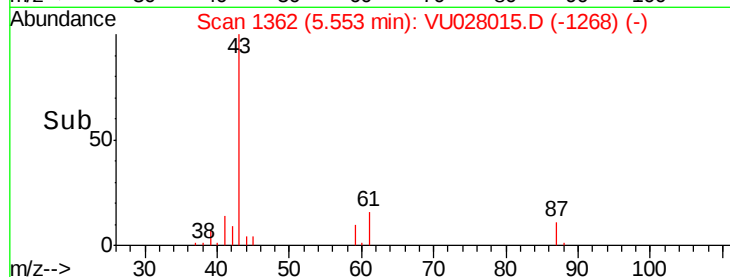
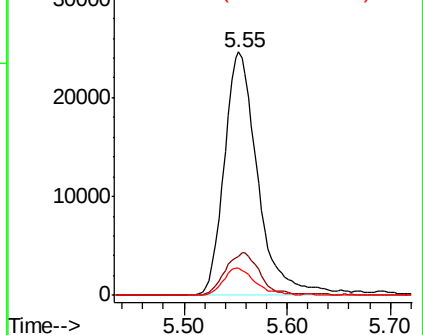
87 10.5 8.6 12.8



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: 52.773 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028015.D

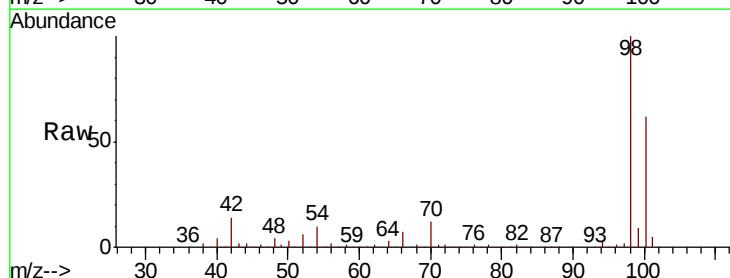
Acq: 08 Nov 2018 10:59

Tgt Ion: 98 Resp: 474945

Ion Ratio Lower Upper

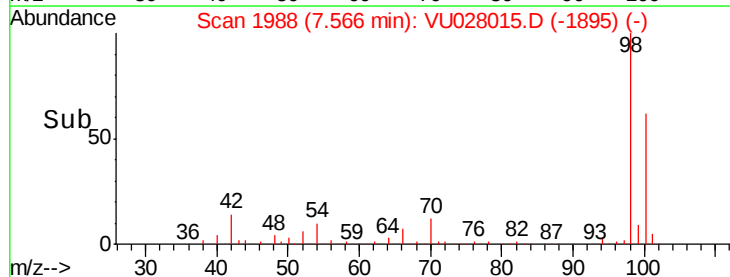
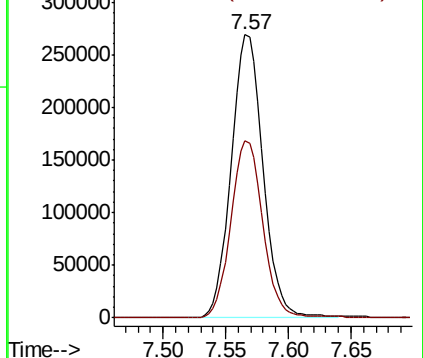
98 100

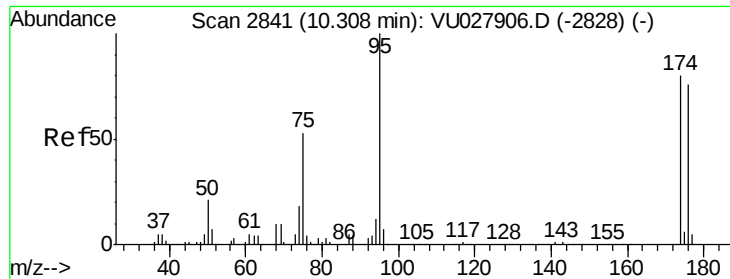
100 62.6 50.1 75.1



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

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

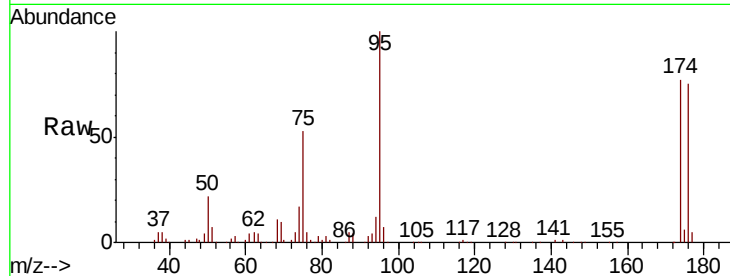




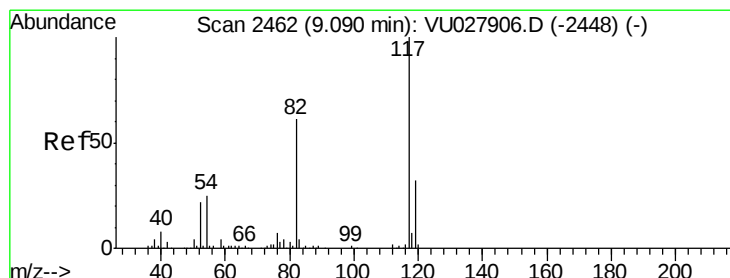
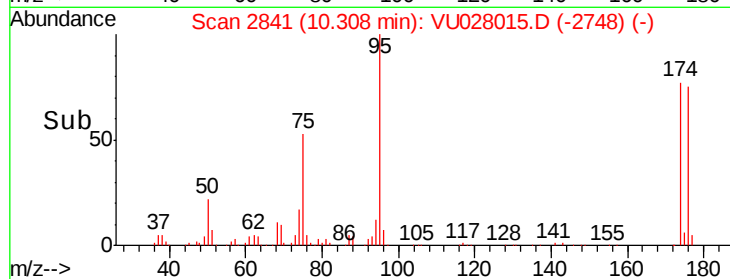
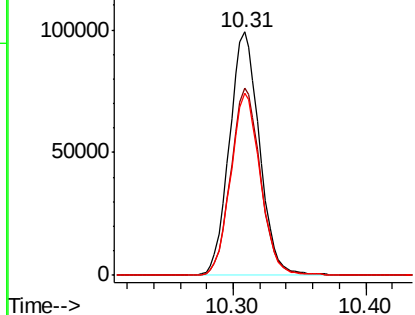
#62
4-Bromofluorobenzene
Concen: 47.081 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028015.D
Acq: 08 Nov 2018 10:59

Instrument :
MSVOA_U
ClientSampleId :
PB114610TB

Tot Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	156.4
176	74.0	0.0	150.8

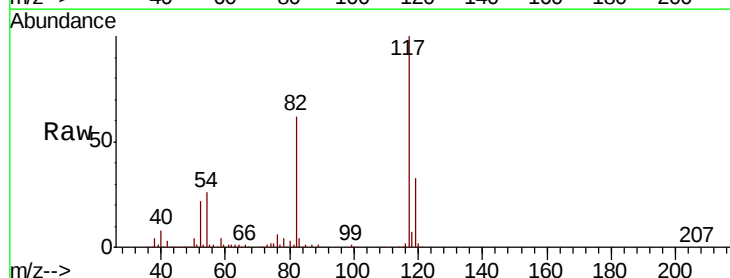


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

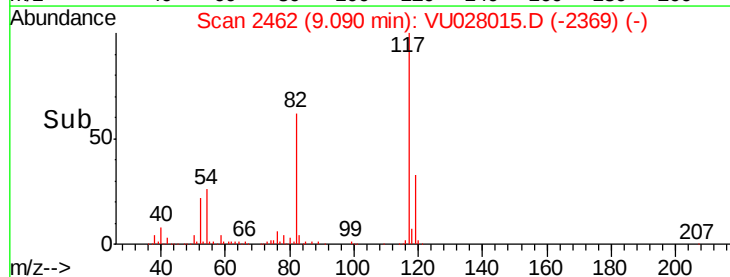
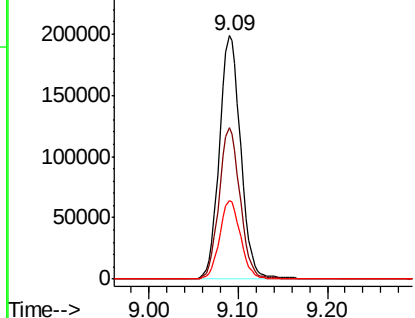


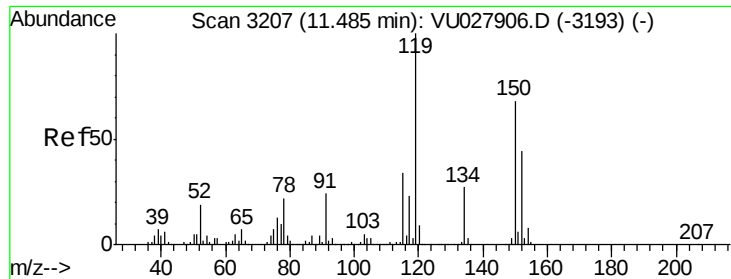
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028015.D
Acq: 08 Nov 2018 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.0	48.6	73.0
119	32.5	25.8	38.8



Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU028015.D

Acq: 08 Nov 2018 10:59

Instrument :

MSVOA_U

ClientSampleId :

PB114610TB

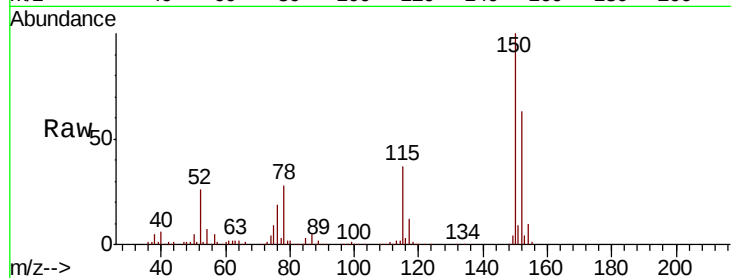
Tot Ion:152 Resp: 136885

Ion Ratio Lower Upper

152 100

115 59.5 43.0 129.0

150 158.8 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

