

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028103.D
 Acq On : 13 Nov 2018 19:43
 Operator : MD/SY
 Sample : J5910-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 W-4-S

Quant Time: Nov 14 08:05:47 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

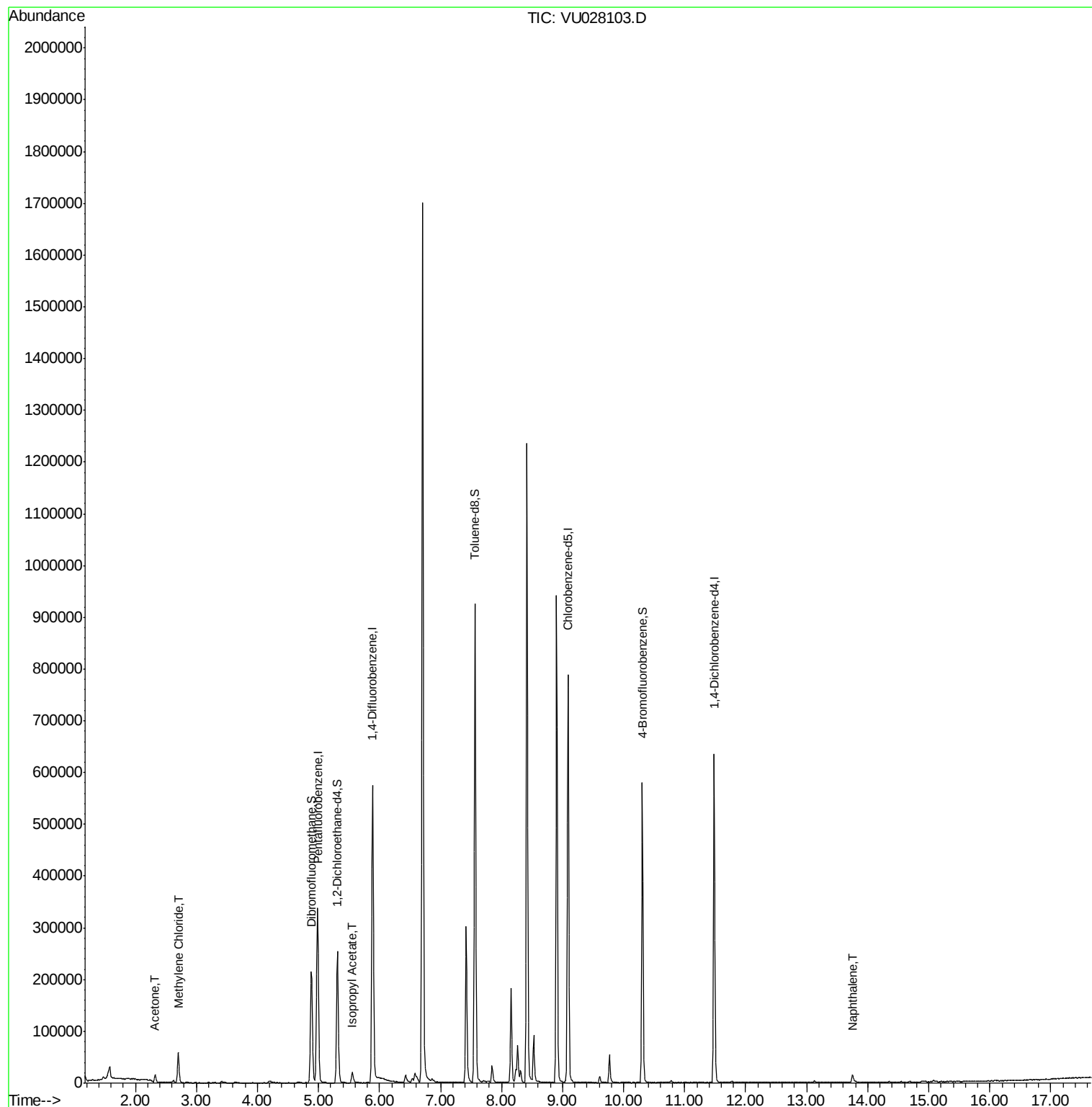
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	257815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	463900	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	411755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	159279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	195389	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
35) Dibromofluoromethane	4.88	113	150046	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
50) Toluene-d8	7.57	98	600535	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	10.31	95	192070	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
Target Compounds						
16) Acetone	2.32	43	14345	6.032	ug/l	95
20) Methylene Chloride	2.70	84	25677	7.395	ug/l	98
43) Isopropyl Acetate	5.55	43	26017	2.333	ug/l	98
95) Naphthalene	13.75	128	16211	1.063	ug/l	95

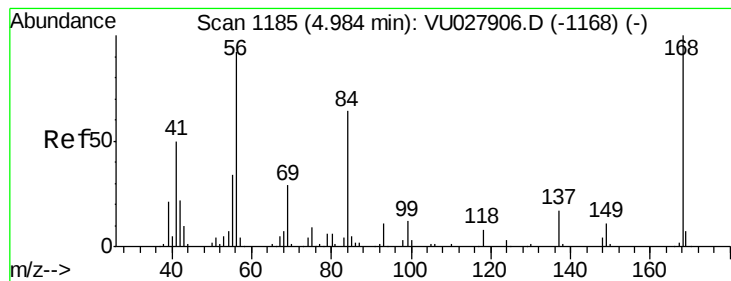
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028103.D

Acq: 13 Nov 2018 19:43

Instrument :

MSVOA_U

ClientSampleId :

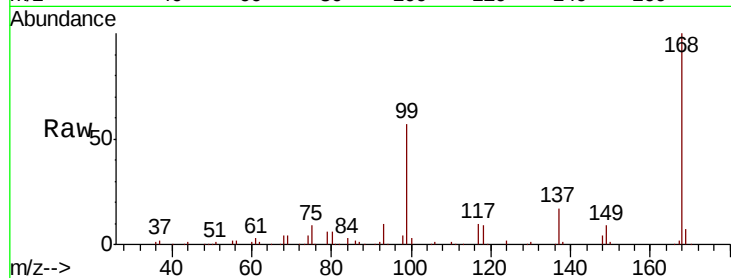
W-4-S

Tot Ion:168 Resp: 257815

Ion Ratio Lower Upper

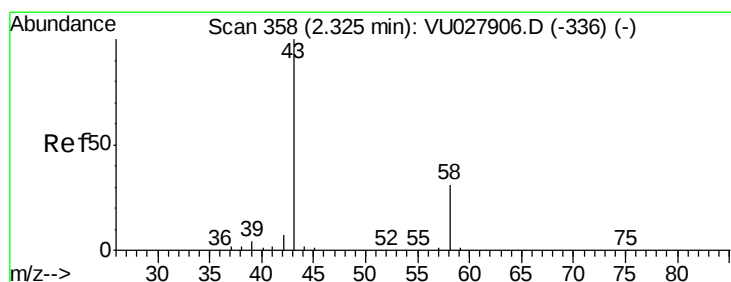
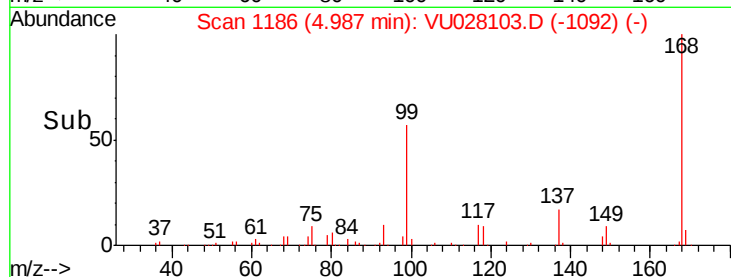
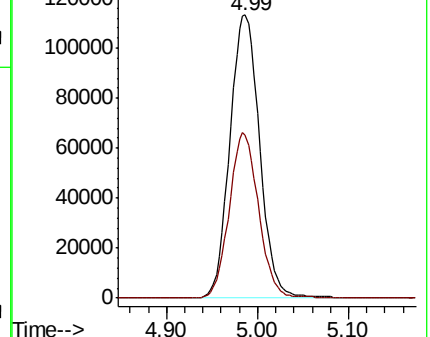
168 100

99 57.5 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU028103.D (-1092) (-)



#16

Acetone

Concen: 6.032 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028103.D

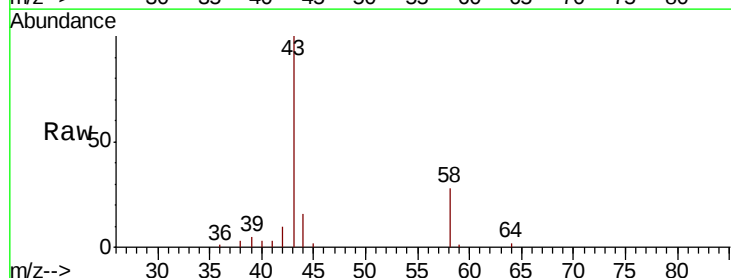
Acq: 13 Nov 2018 19:43

Tgt Ion: 43 Resp: 14345

Ion Ratio Lower Upper

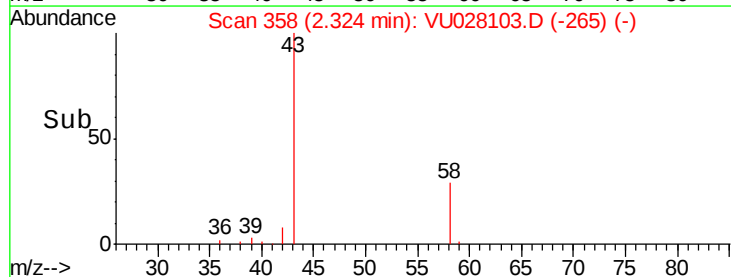
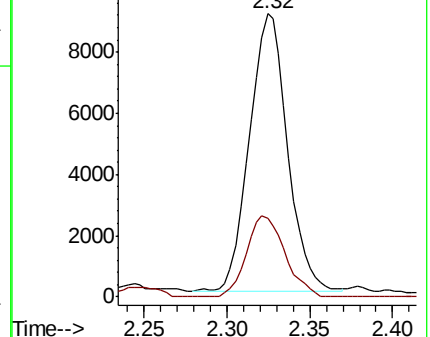
43 100

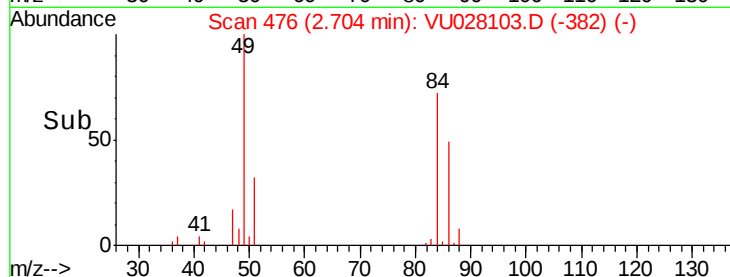
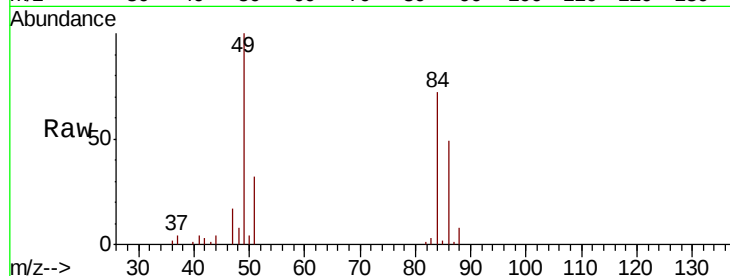
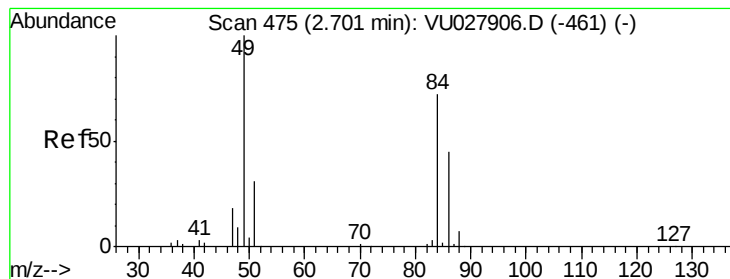
58 28.2 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU028103.D (-265) (-)





#20

Methylene Chloride

Concen: 7.395 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU028103.D

Acq: 13 Nov 2018 19:43

Instrument :

MSVOA_U

ClientSampleId :

W-4-S

Tot Ion: 84 Resp: 25677

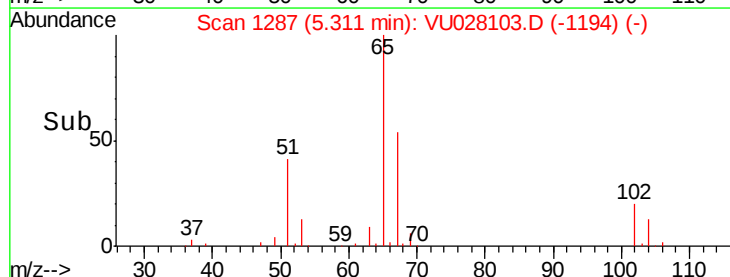
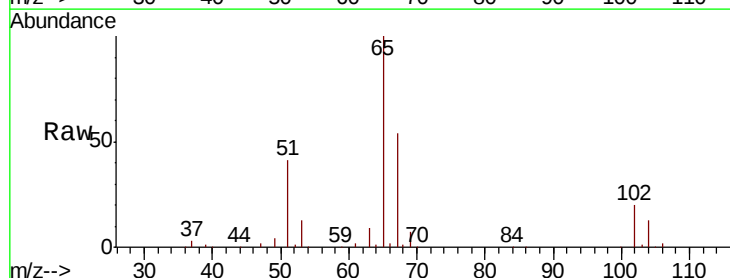
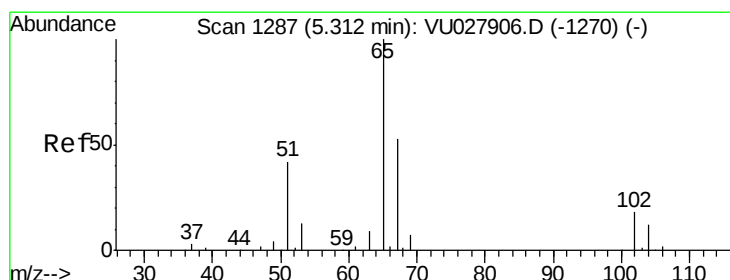
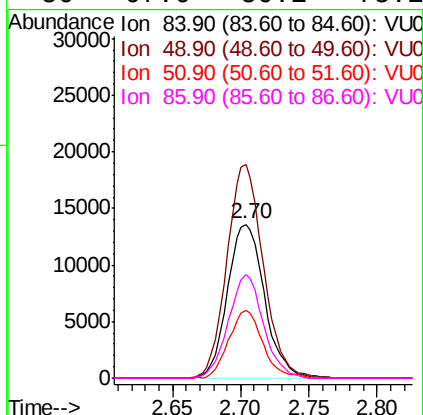
Ion Ratio Lower Upper

84 100

49 138.9 111.6 167.4

51 44.5 34.8 52.2

86 67.6 50.1 75.1



#33

1,2-Dichloroethane-d4

Concen: 50.975 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU028103.D

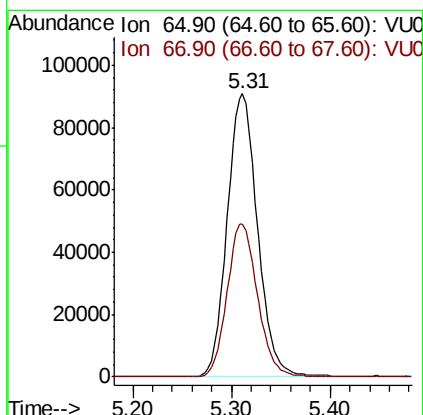
Acq: 13 Nov 2018 19:43

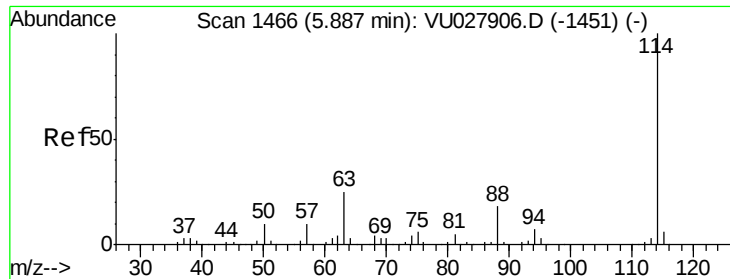
Tgt Ion: 65 Resp: 195389

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0

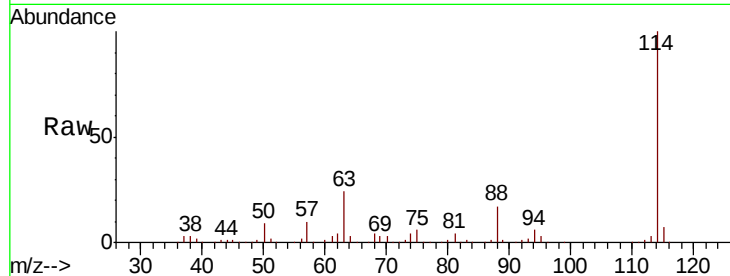




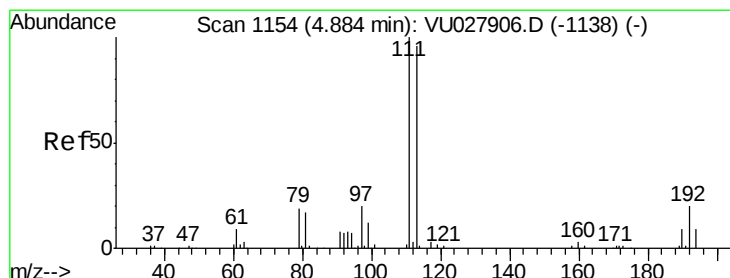
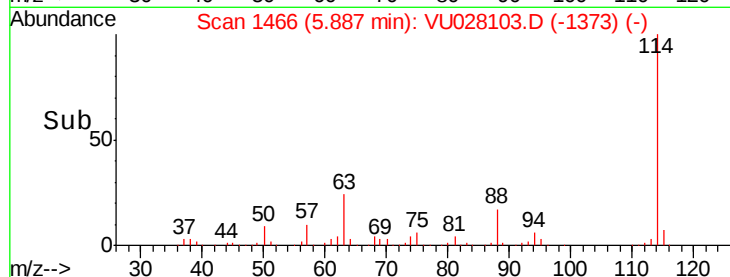
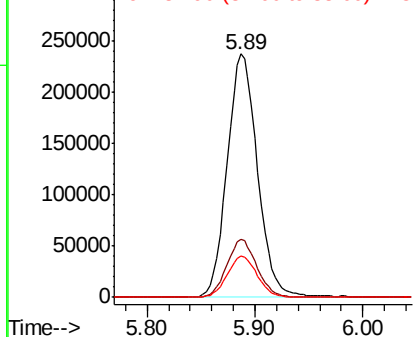
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028103.D
 Acq: 13 Nov 2018 19:43

Instrument :
 MSVOA_U
 ClientSampleId :
 W-4-S

Tot Ion:114 Resp: 463900
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.8
 88 16.7 0.0 35.8

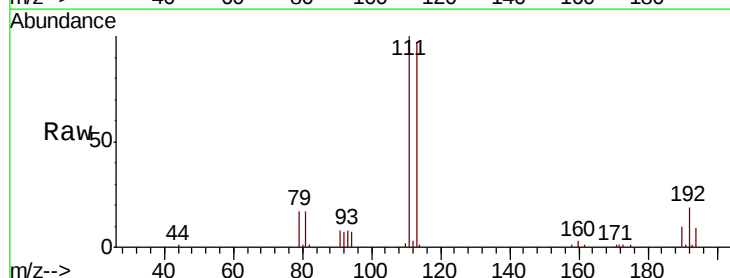


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

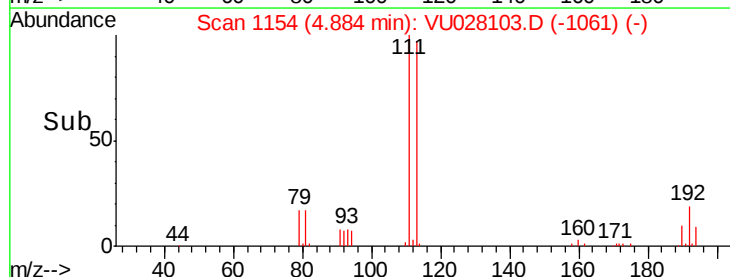
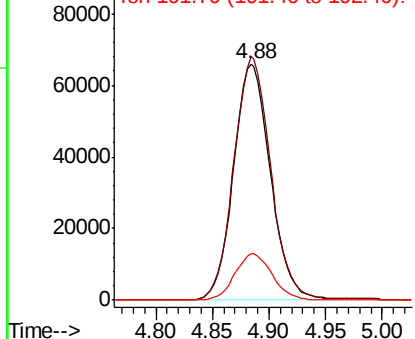


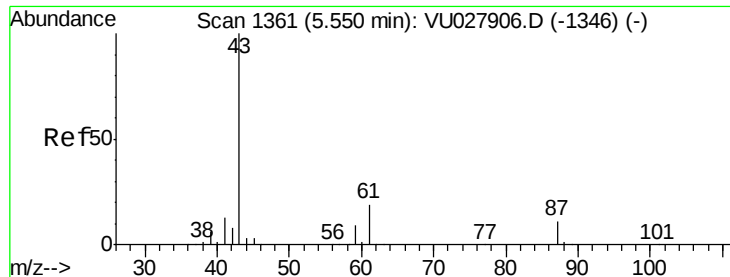
#35
 Dibromofluoromethane
 Concen: 51.298 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028103.D
 Acq: 13 Nov 2018 19:43

Tgt Ion:113 Resp: 150046
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.0 124.6
 192 19.8 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: 2.333 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028103.D

Acq: 13 Nov 2018 19:43

Instrument :

MSVOA_U

ClientSampleId :

W-4-S

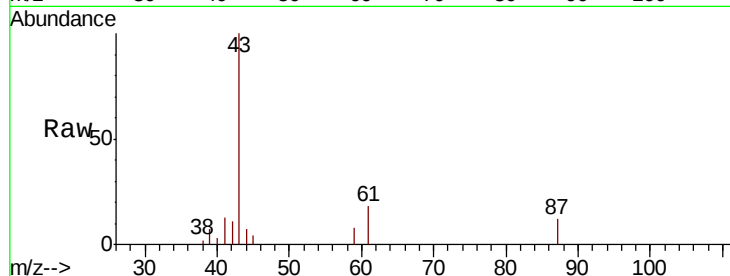
Tot Ion: 43 Resp: 26017

Ion Ratio Lower Upper

43 100

61 17.7 15.0 22.4

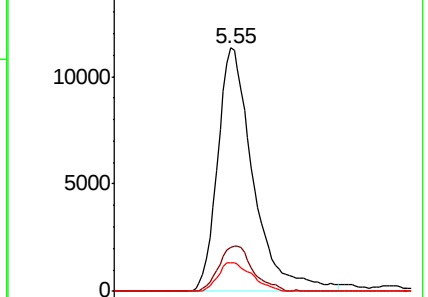
87 11.3 8.6 12.8



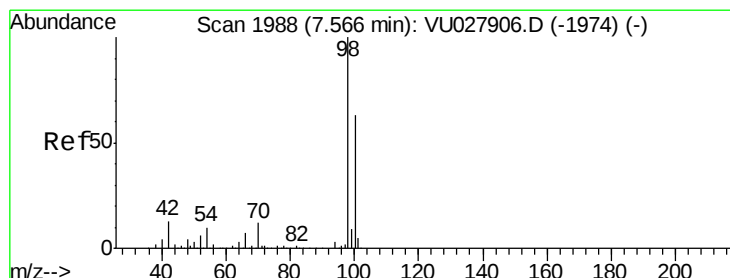
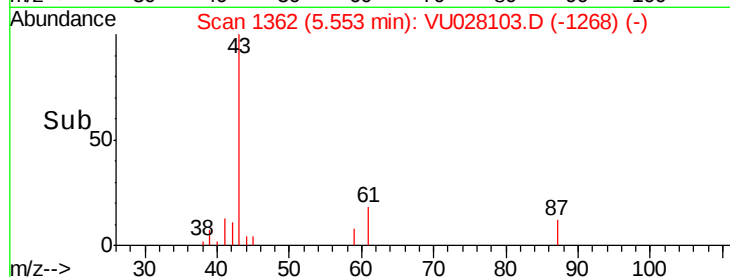
Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

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

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



Time-->



#50

Toluene-d8

Concen: 53.150 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028103.D

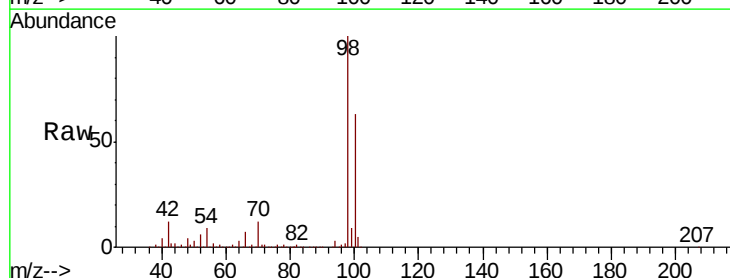
Acq: 13 Nov 2018 19:43

Tgt Ion: 98 Resp: 600535

Ion Ratio Lower Upper

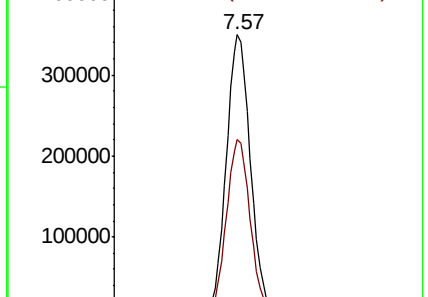
98 100

100 62.6 50.1 75.1

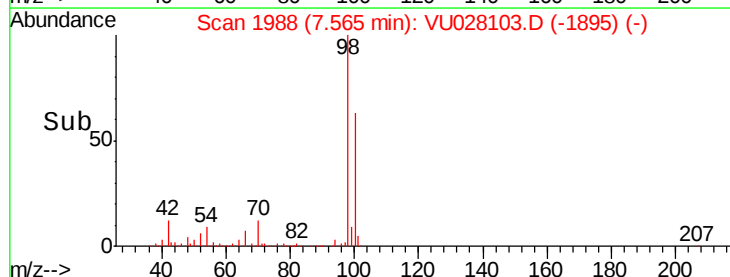


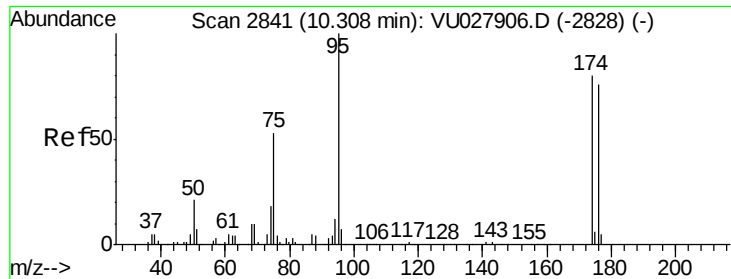
Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

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



Time-->

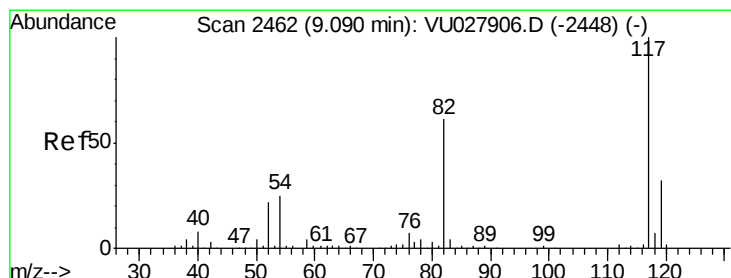
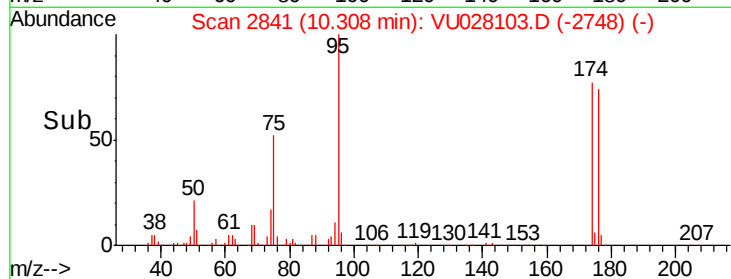
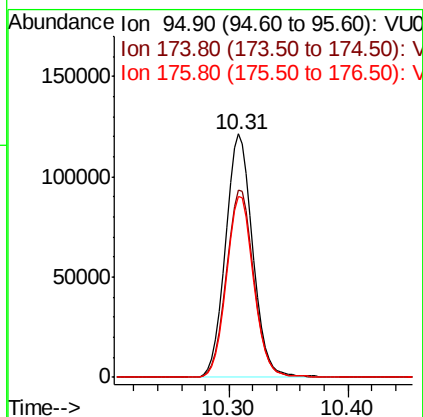
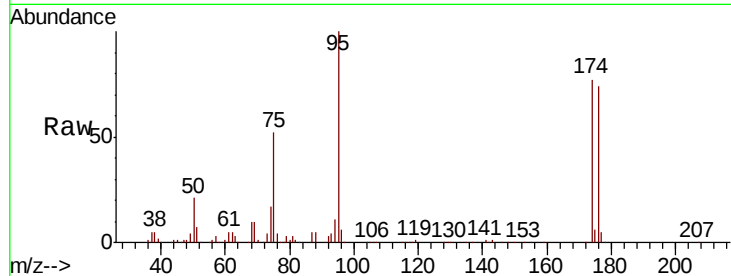




#62
4-Bromofluorobenzene
Concen: 46.087 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028103.D
Acq: 13 Nov 2018 19:43

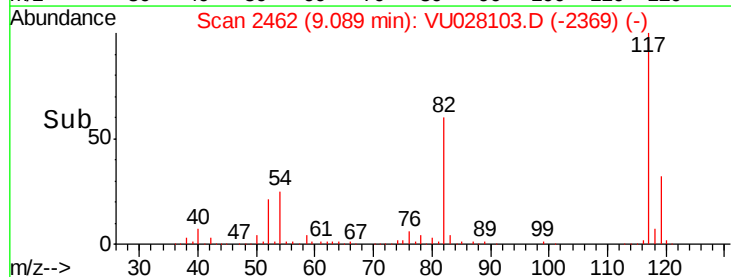
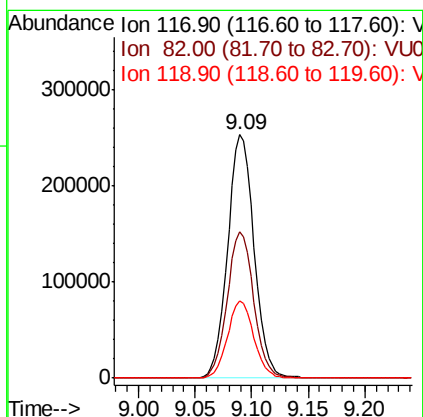
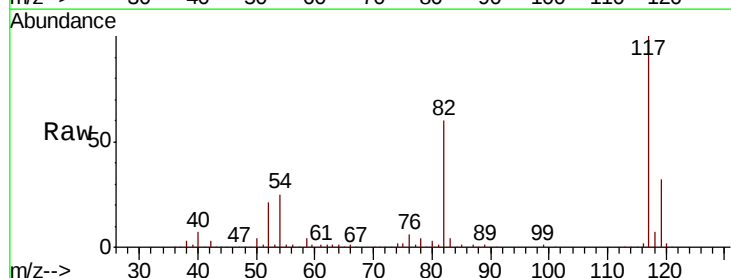
Instrument :
MSVOA_U
ClientSampleId :
W-4-S

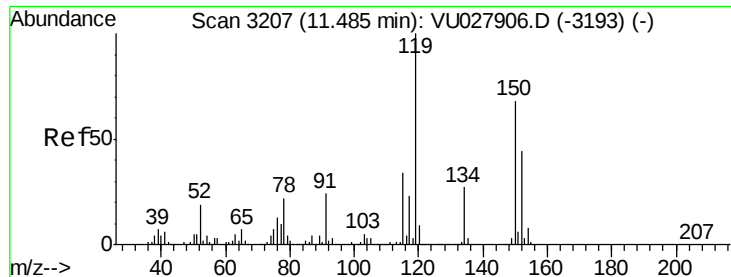
Tot Ion: 95 Resp: 192070
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.4
176 74.9 0.0 150.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028103.D
Acq: 13 Nov 2018 19:43

Tgt Ion: 117 Resp: 411755
Ion Ratio Lower Upper
117 100
82 60.0 48.6 73.0
119 31.8 25.8 38.8



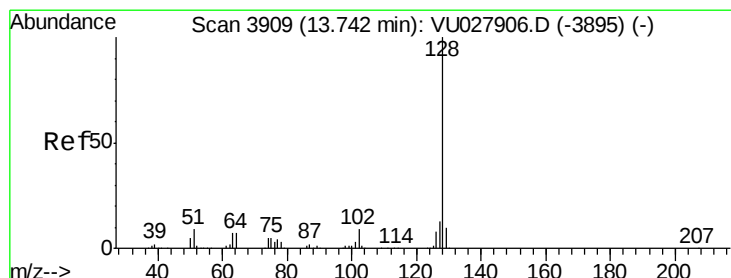
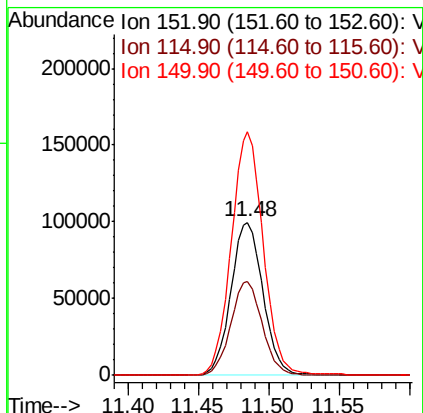
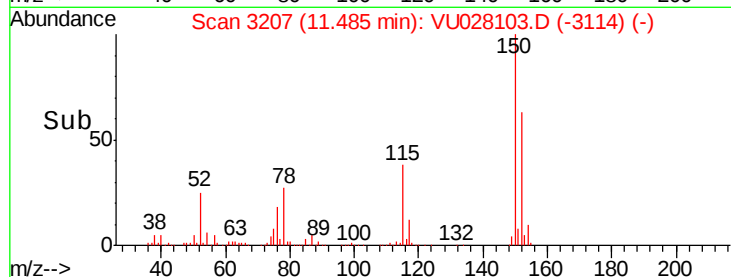
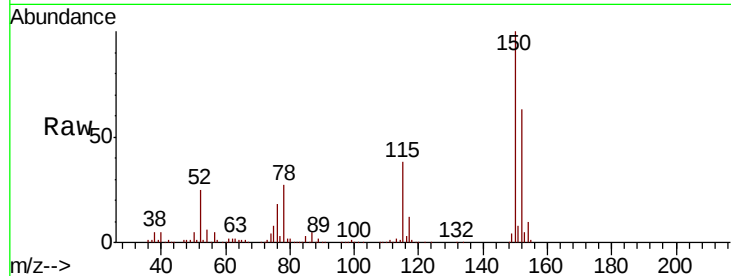


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU028103.D
Acq: 13 Nov 2018 19:43

Instrument :
MSVOA_U
ClientSampleId :
W-4-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.0	129.0
150	158.6	0.0	349.4



#95

Naphthalene
Concen: 1.063 ug/l
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU028103.D
Acq: 13 Nov 2018 19:43

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.4	15.6
129	9.4	8.3	12.5

