

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028436.D
 Acq On : 03 Dec 2018 13:12
 Operator : MD/SY
 Sample : PB115231ZHE#13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#13

Quant Time: Dec 04 07:19:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

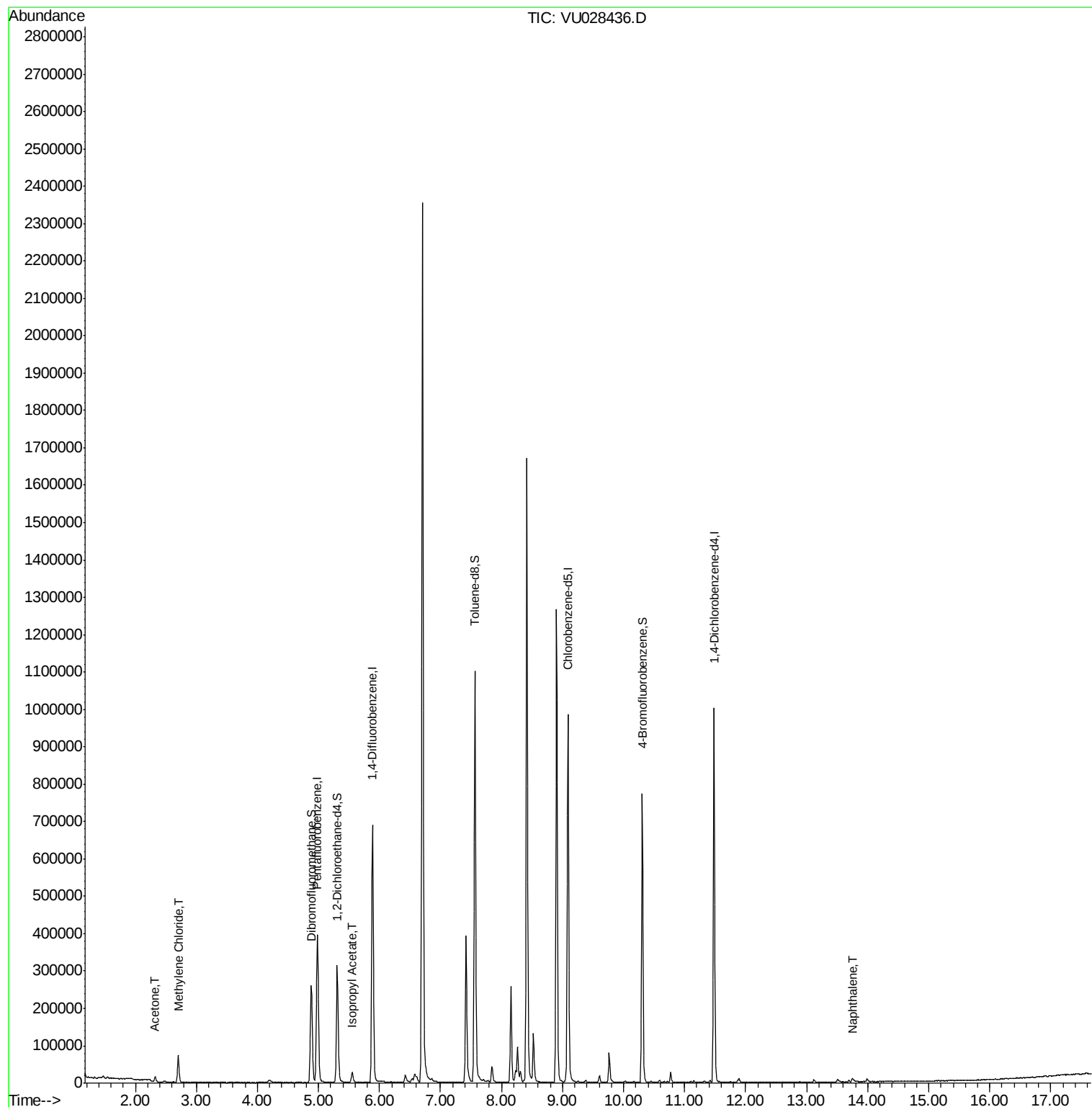
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	295250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	557633	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	519645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	240296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	241522	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
35) Dibromofluoromethane	4.88	113	181189	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	7.57	98	722489	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	10.30	95	257487	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
16) Acetone	2.32	43	17353	5.749	ug/l	95
20) Methylene Chloride	2.70	84	30079	7.001	ug/l	94
43) Isopropyl Acetate	5.55	43	33829	2.567	ug/l	98
95) Naphthalene	13.75	128	9580	3.282	ug/l	98

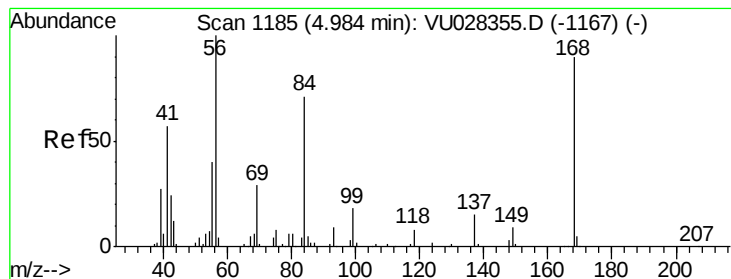
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120318\
Data File : VU028436.D
Acq On : 03 Dec 2018 13:12
Operator : MD/SY
Sample : PB115231ZHE#13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#13

Quant Time: Dec 04 07:19:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

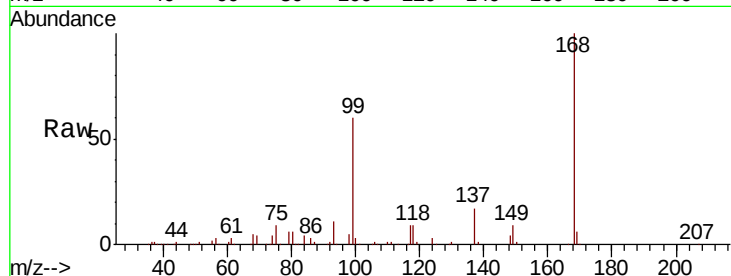
PB115231ZHE#13

Tot Ion:168 Resp: 295250

Ion Ratio Lower Upper

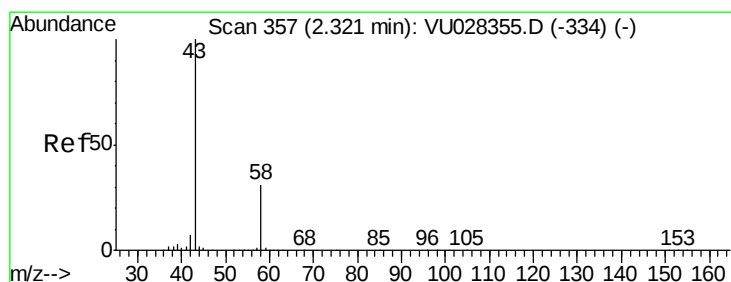
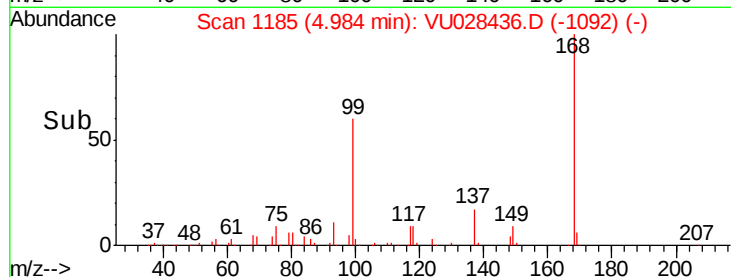
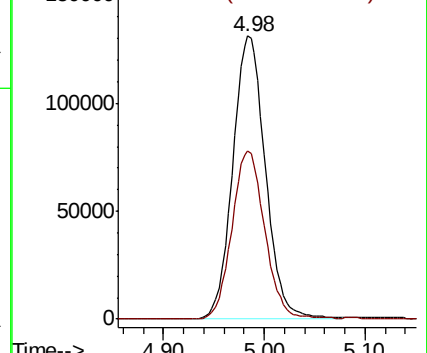
168 100

99 59.6 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)



#16

Acetone

Concen: 5.749 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028436.D

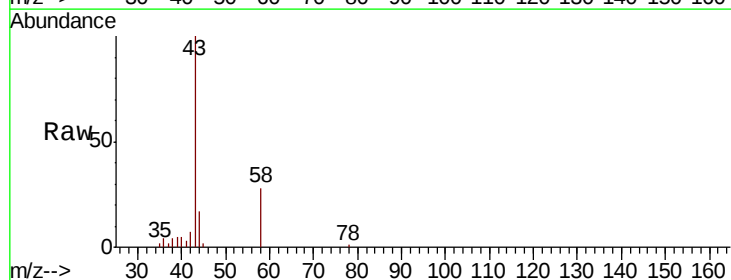
Acq: 03 Dec 2018 13:12

Tgt Ion: 43 Resp: 17353

Ion Ratio Lower Upper

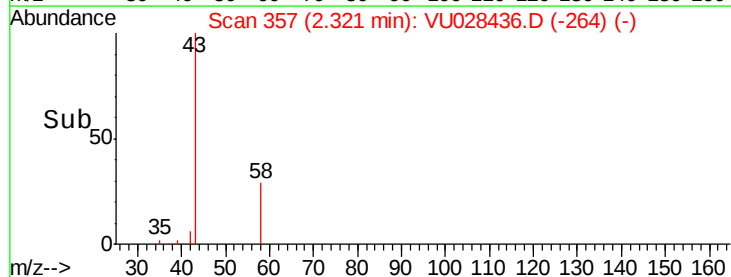
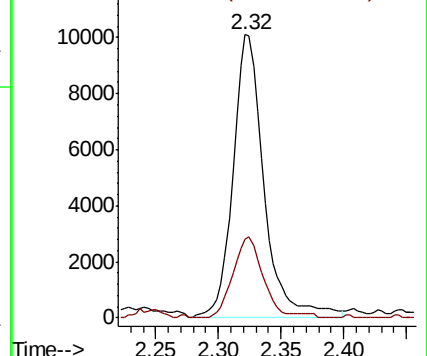
43 100

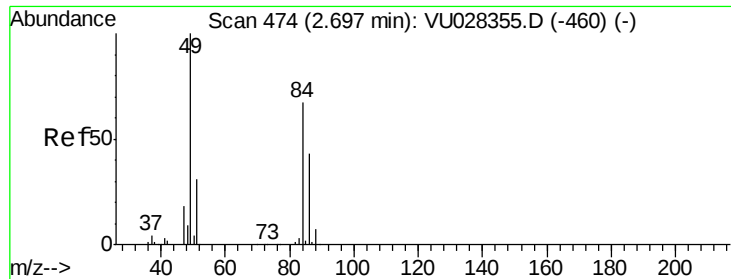
58 28.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

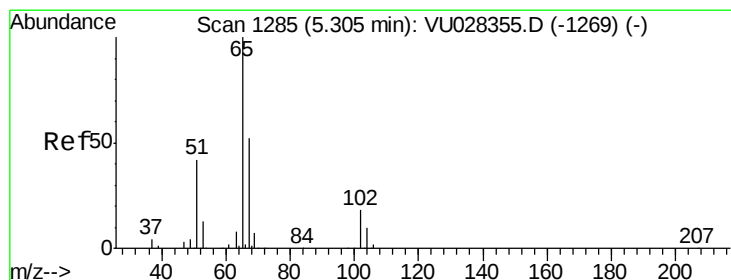
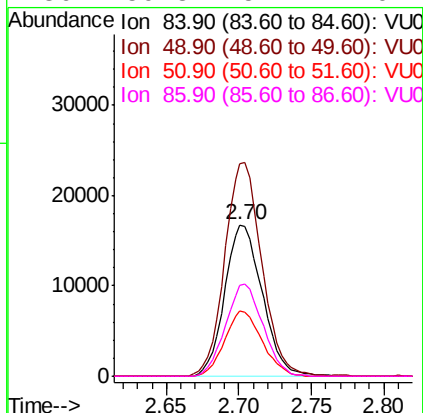
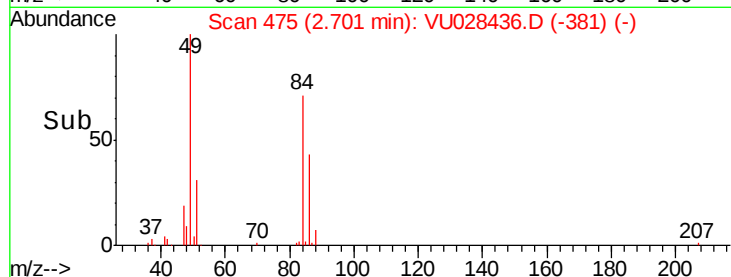
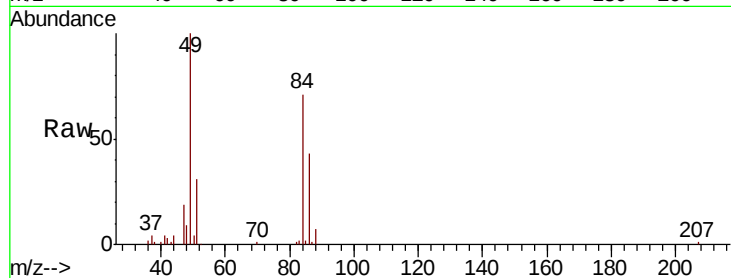




#20
Methvlene Chloride
Concen: 7.001 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

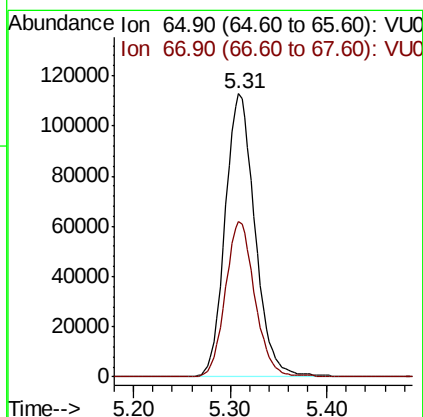
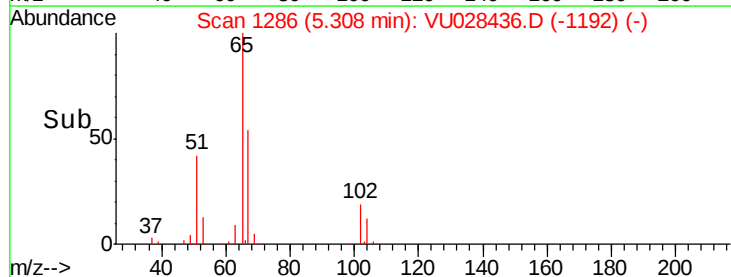
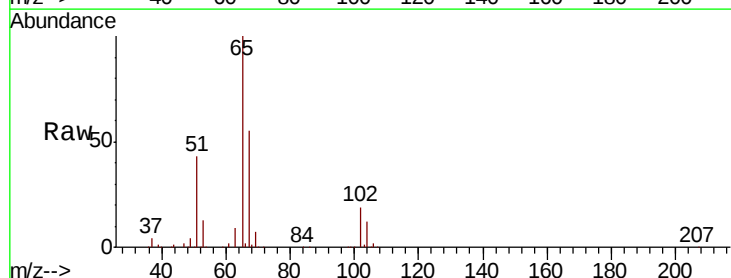
Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#13

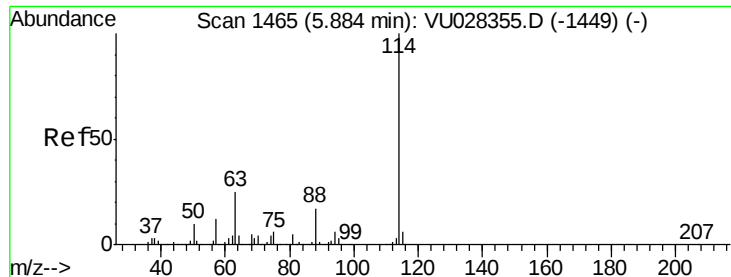
Tot Ion: 84 Resp: 30079
Ion Ratio Lower Upper
84 100
49 140.6 120.0 180.0
51 43.0 36.9 55.3
86 59.8 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 48.947 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028436.D
Acq: 03 Dec 2018 13:12

Tgt Ion: 65 Resp: 241522
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.8

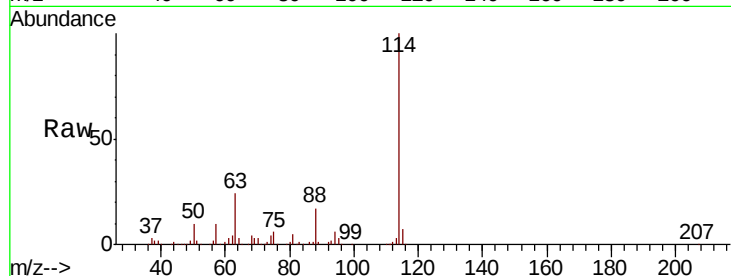




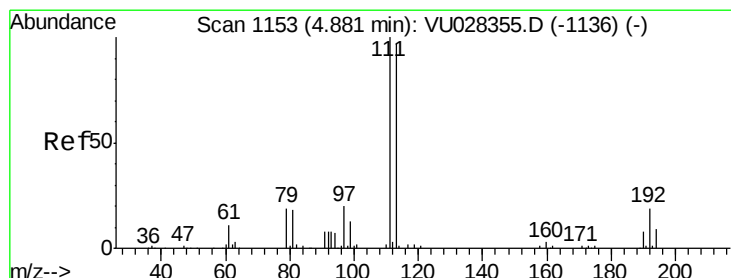
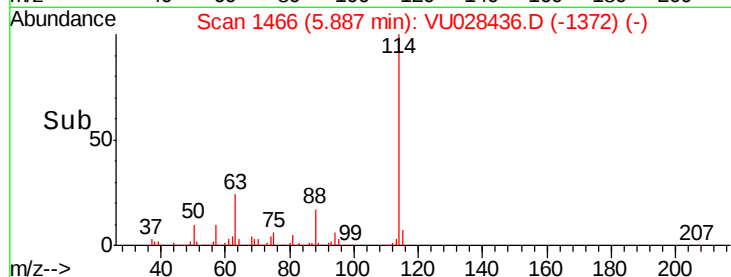
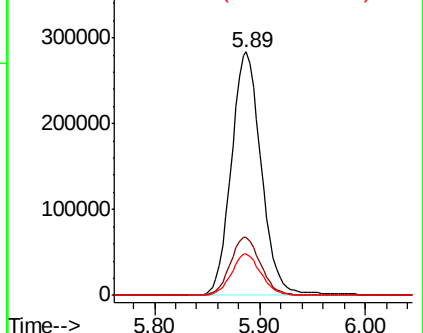
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#13

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	50.0
88	17.1	0.0	34.4

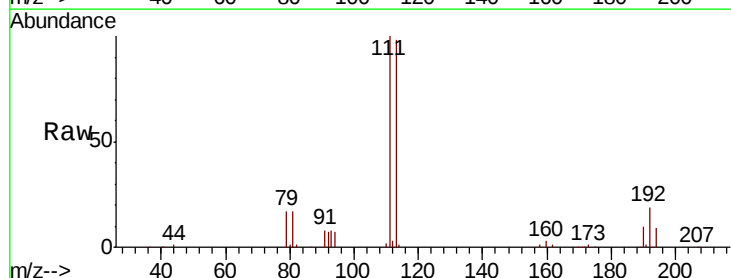


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

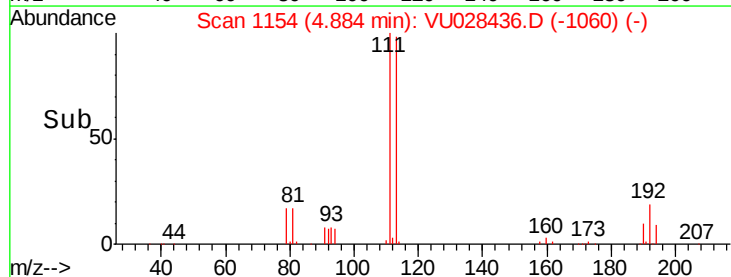
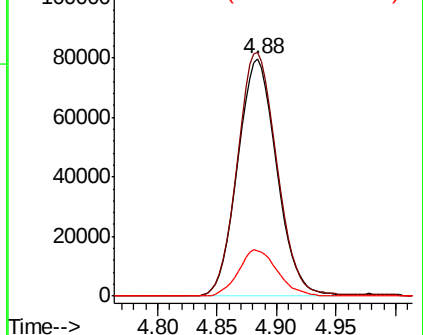


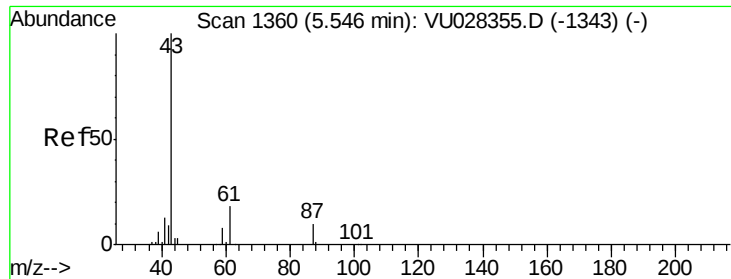
#35
 Dibromofluoromethane
 Concen: 48.864 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028436.D
 Acq: 03 Dec 2018 13:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	19.5	15.4	23.0



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: 2.567 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#13

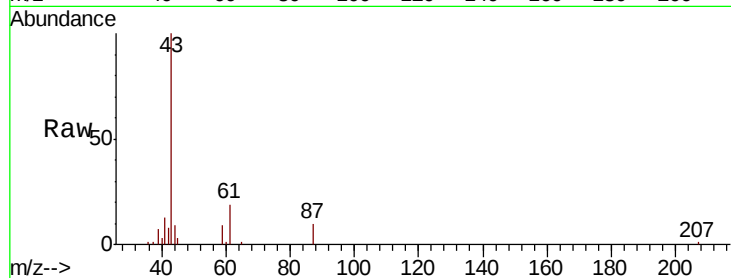
Tot Ion: 43 Resp: 33829

Ion Ratio Lower Upper

43 100

61 19.3 14.5 21.7

87 11.3 8.4 12.6

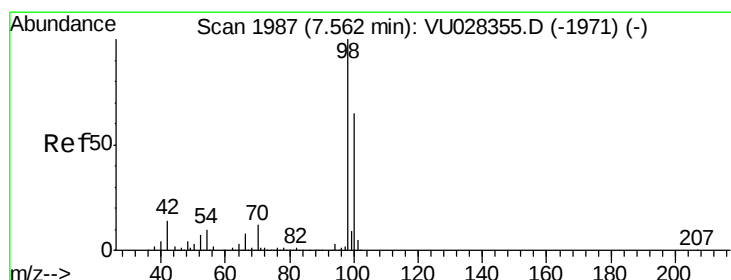
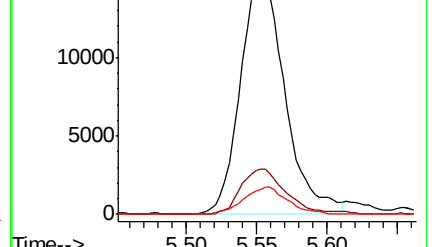
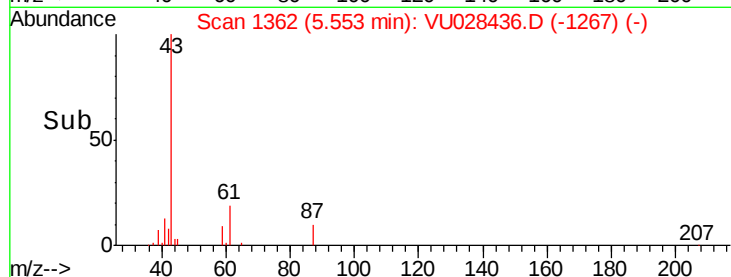


Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU028355.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU028355.D (-1343) (-)

Time-->



#50

Toluene-d8

Concen: 48.720 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028436.D

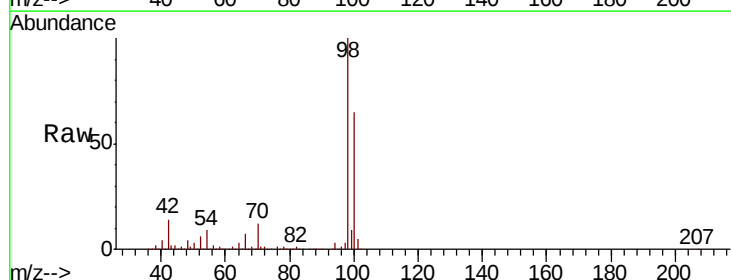
Acq: 03 Dec 2018 13:12

Tgt Ion: 98 Resp: 722489

Ion Ratio Lower Upper

98 100

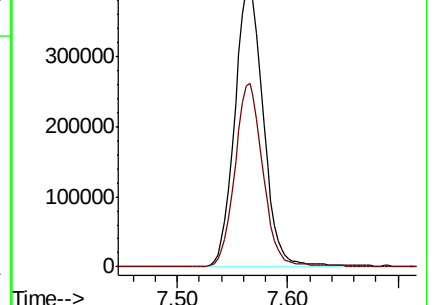
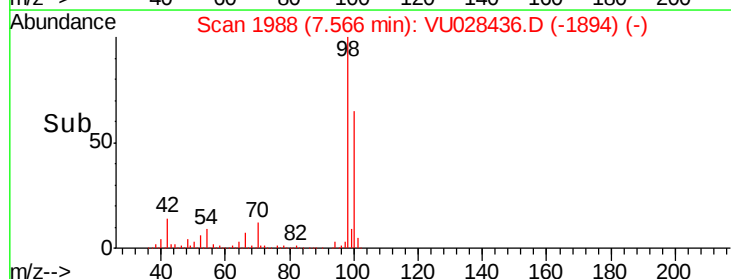
100 64.2 50.8 76.2

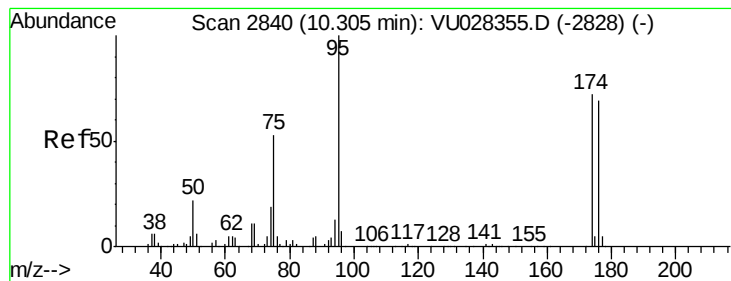


Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 48.174 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#13

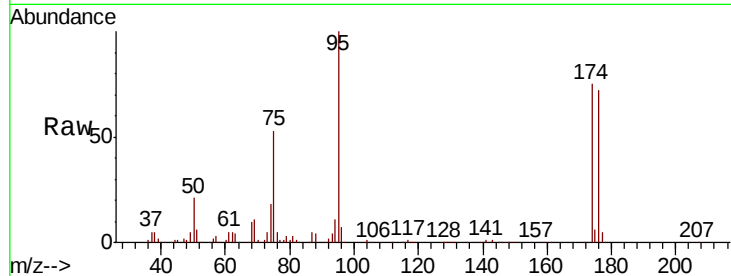
Tot Ion: 95 Resp: 257487

Ion Ratio Lower Upper

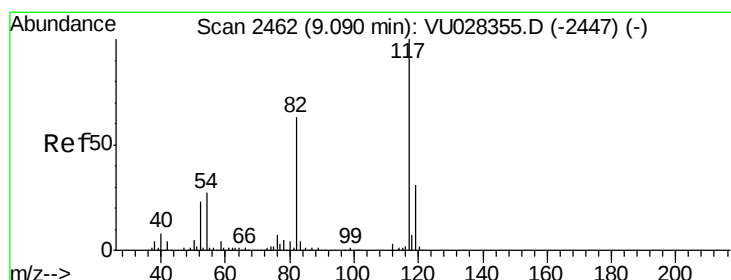
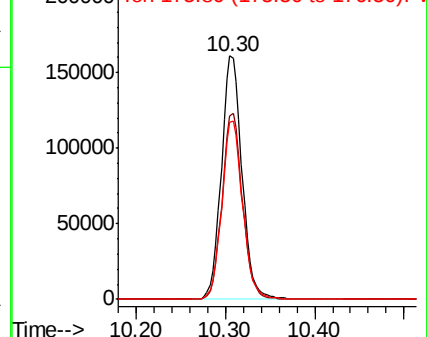
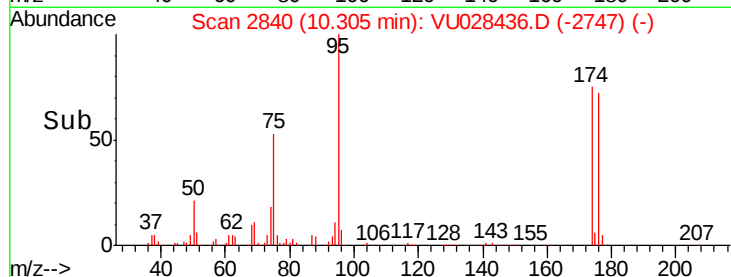
95 100

174 75.8 0.0 145.4

176 73.5 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028436.D (-2369) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

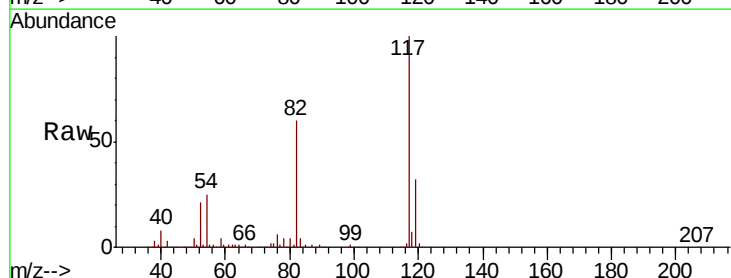
Tgt Ion: 117 Resp: 519645

Ion Ratio Lower Upper

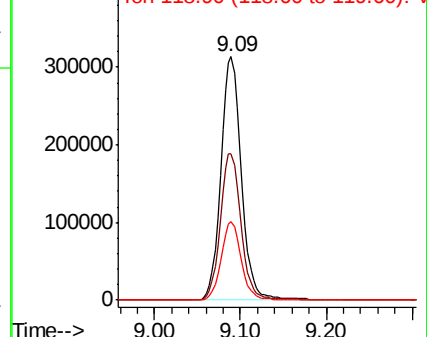
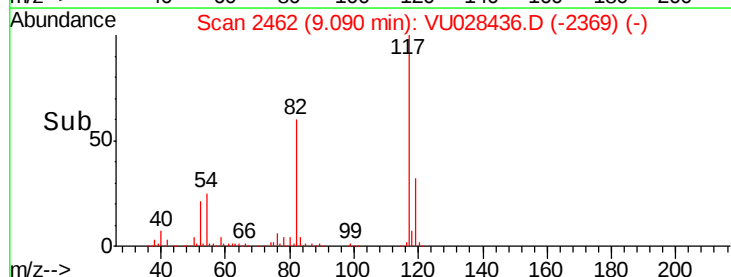
117 100

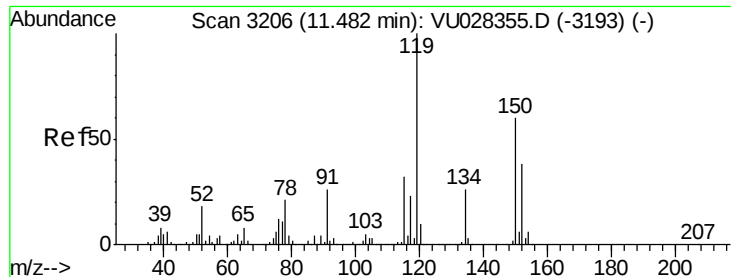
82 59.9 50.3 75.5

119 32.4 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): VU028436.D (-2369) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#13

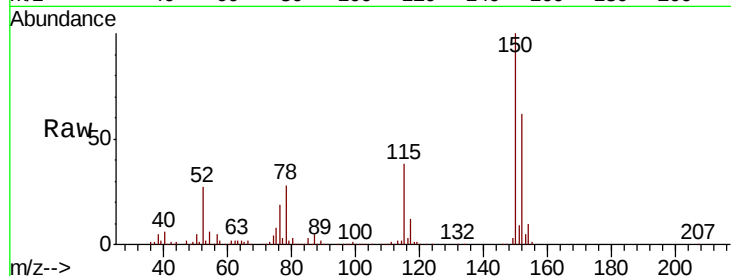
Tot Ion:152 Resp: 240296

Ion Ratio Lower Upper

152 100

115 61.1 45.0 134.8

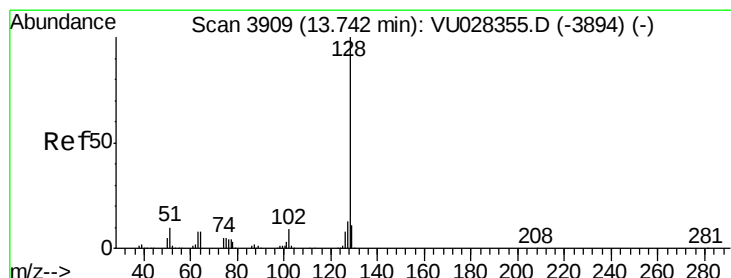
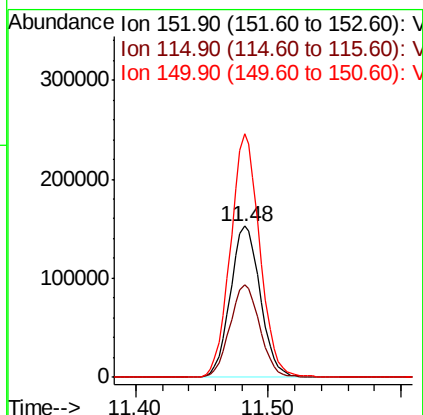
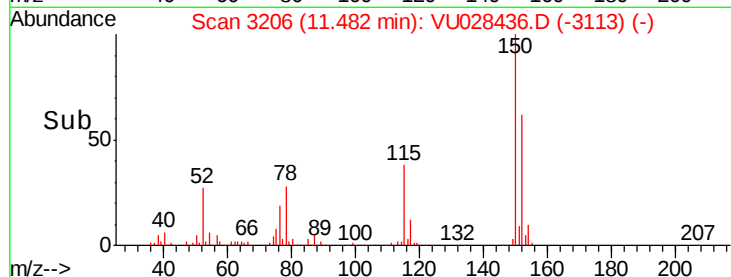
150 156.8 0.0 349.2



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



#95

Naphthalene

Concen: 3.282 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU028436.D

Acq: 03 Dec 2018 13:12

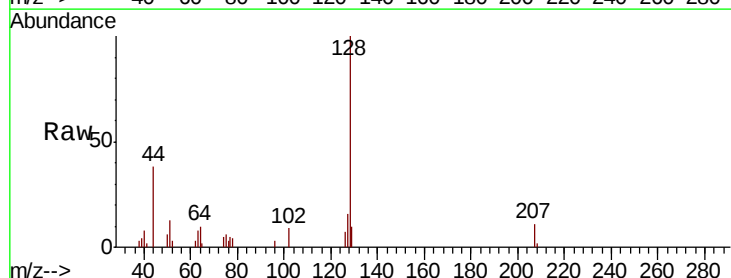
Tgt Ion:128 Resp: 9580

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 9.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

