

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028443.D
 Acq On : 03 Dec 2018 15:55
 Operator : MD/SY
 Sample : J6148-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-MH-F

Quant Time: Dec 04 07:34:22 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

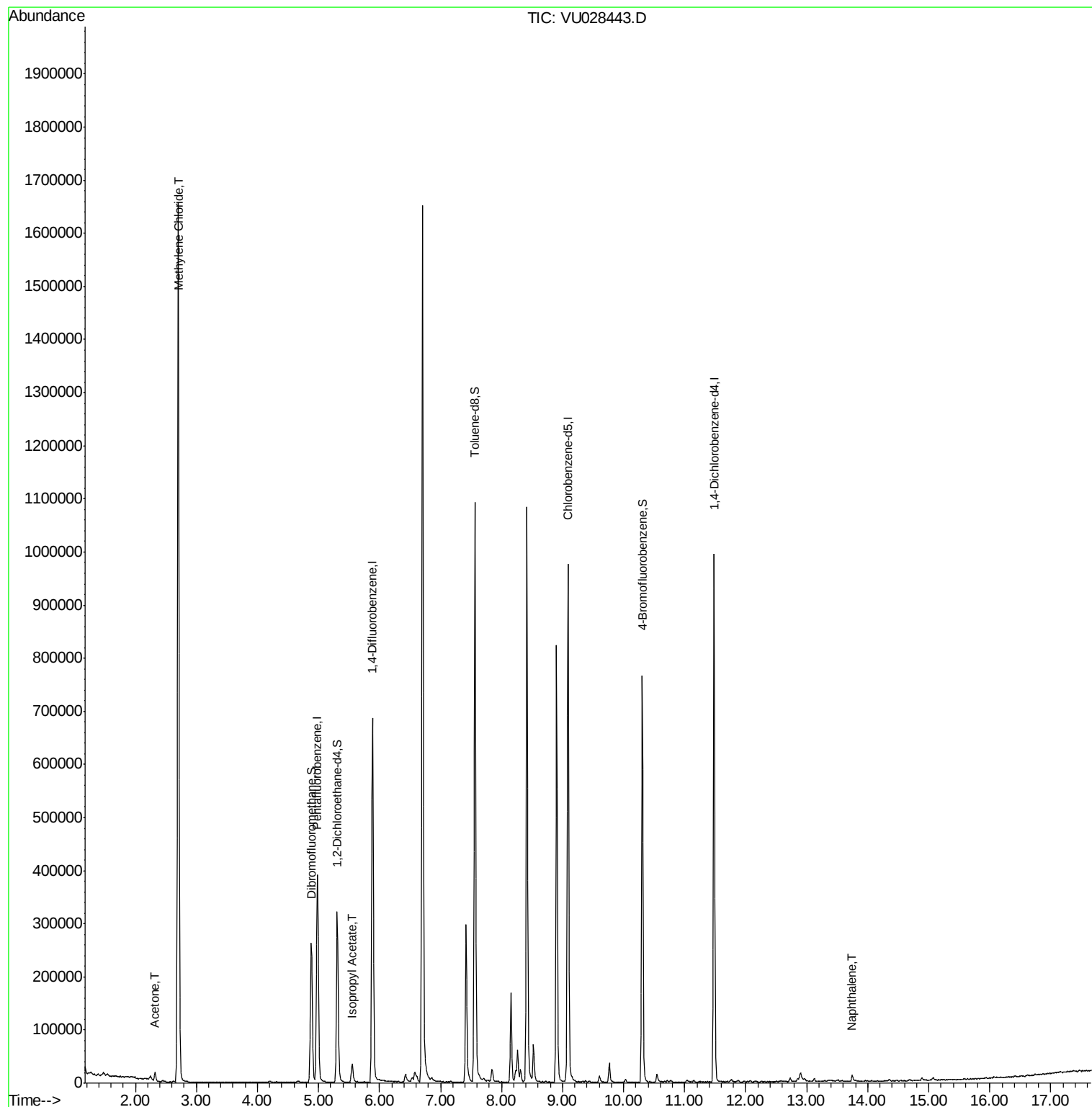
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	294241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	557152	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	509518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	239211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	248396	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	4.88	113	180067	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
50) Toluene-d8	7.57	98	715200	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	10.31	95	259711	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
16) Acetone	2.32	43	18333	6.094	ug/l	95
20) Methylene Chloride	2.70	84	685558	161.744	ug/l	95
43) Isopropyl Acetate	5.55	43	44655	3.392	ug/l	99
95) Naphthalene	13.75	128	11589	3.378	ug/l #	90

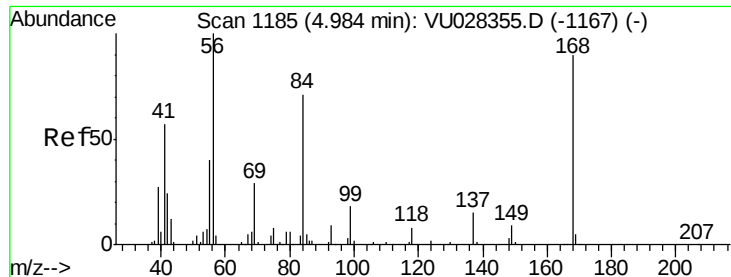
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028443.D

Acq: 03 Dec 2018 15:55

Instrument :

MSVOA_U

ClientSampleId :

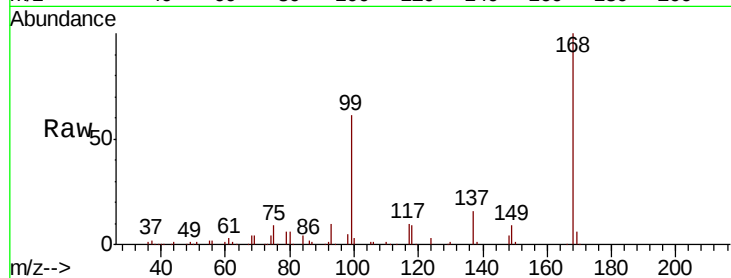
TP-MH-F

Tot Ion:168 Resp: 294241

Ion Ratio Lower Upper

168 100

99 61.0 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) (-)

4.98

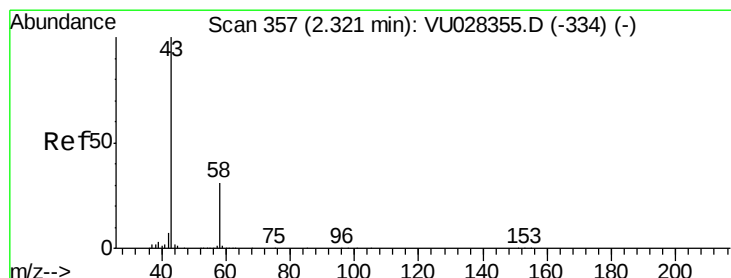
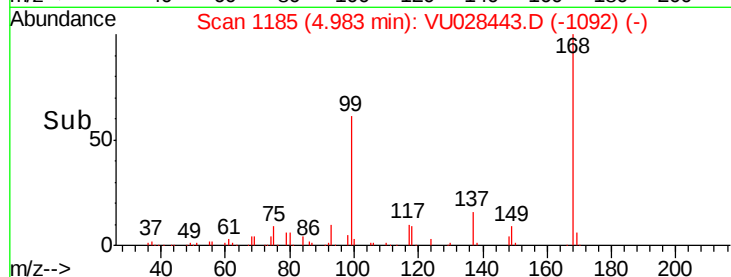
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.094 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028443.D

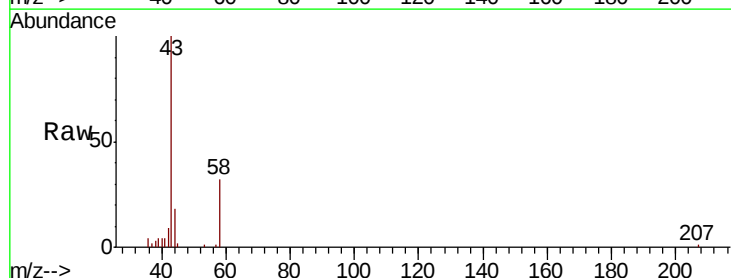
Acq: 03 Dec 2018 15:55

Tgt Ion: 43 Resp: 18333

Ion Ratio Lower Upper

43 100

58 33.0 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) (-)

2.32

12000

10000

8000

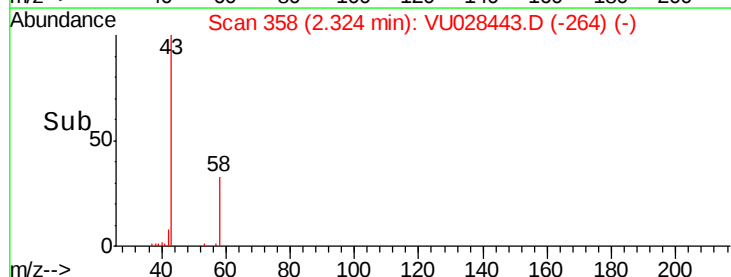
6000

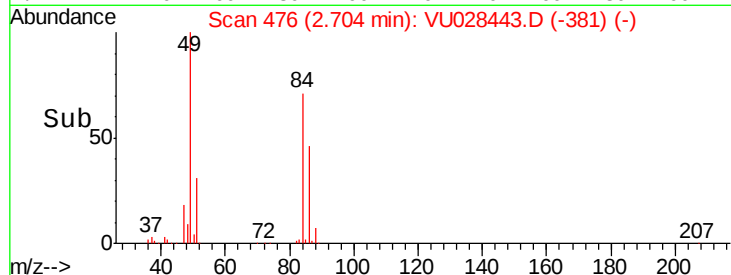
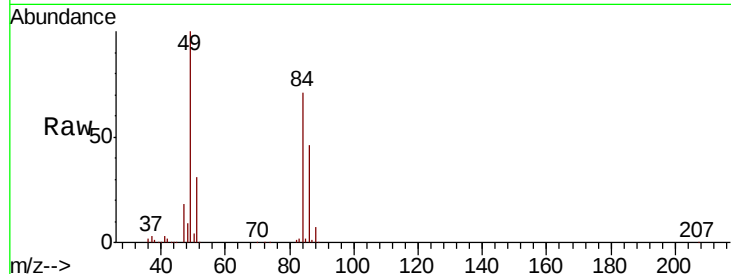
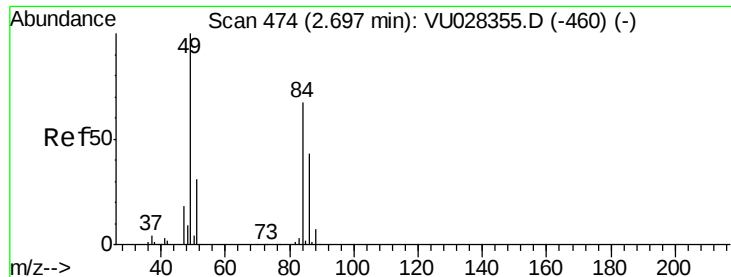
4000

2000

0

Time-->

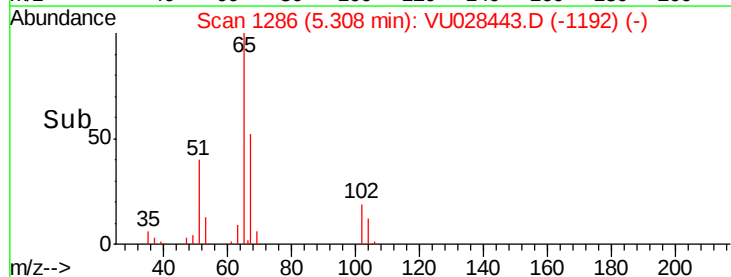
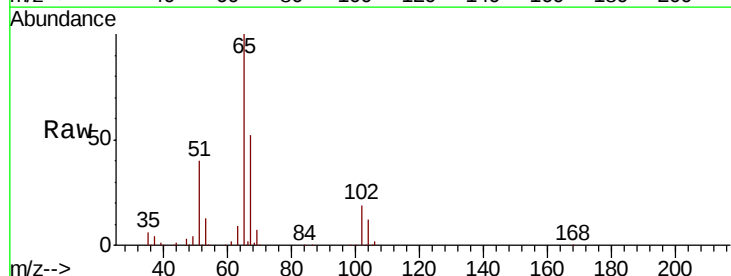
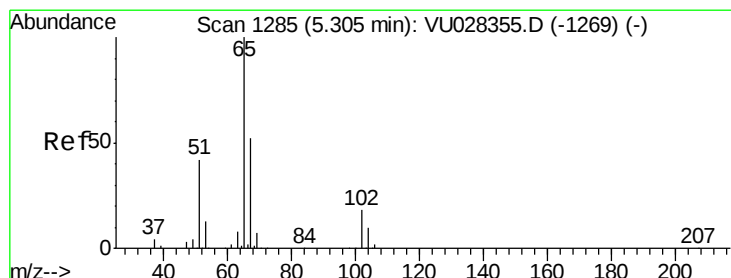
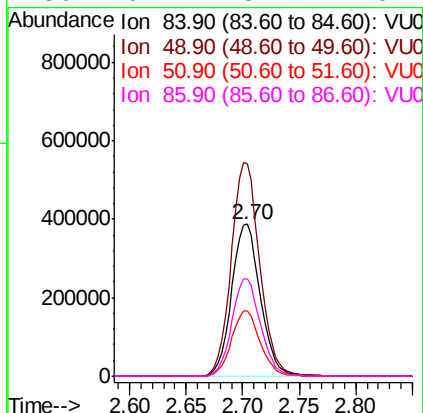




#20
Methvlene Chloride
Concen: 161.744 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028443.D
Acq: 03 Dec 2018 15:55

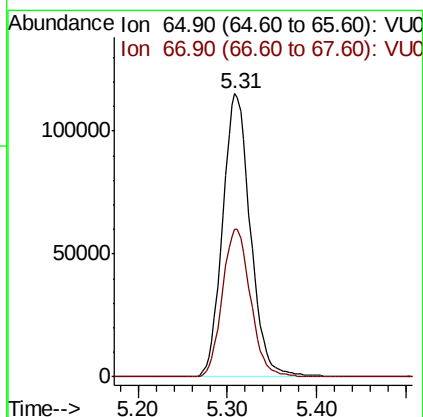
Instrument :
MSVOA_U
ClientSampleId :
TP-MH-F

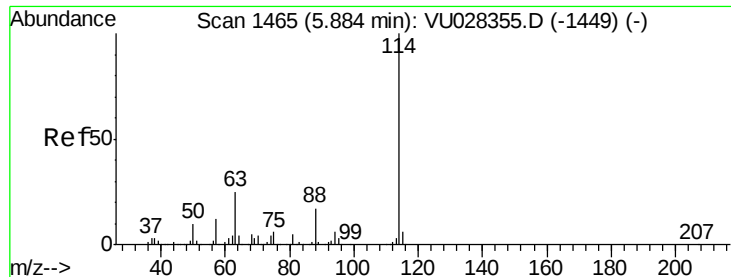
Tot Ion: 84 Resp: 685558
Ion Ratio Lower Upper
84 100
49 140.1 120.0 180.0
51 43.1 36.9 55.3
86 64.2 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.513 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028443.D
Acq: 03 Dec 2018 15:55

Tgt Ion: 65 Resp: 248396
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.8

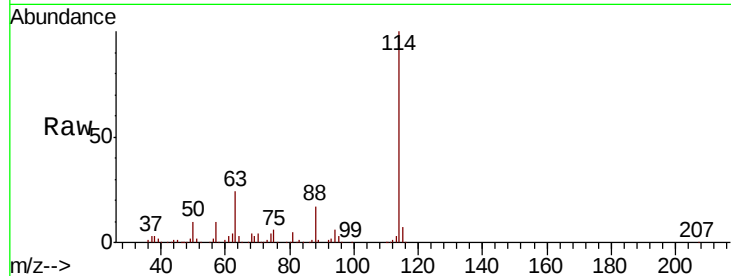




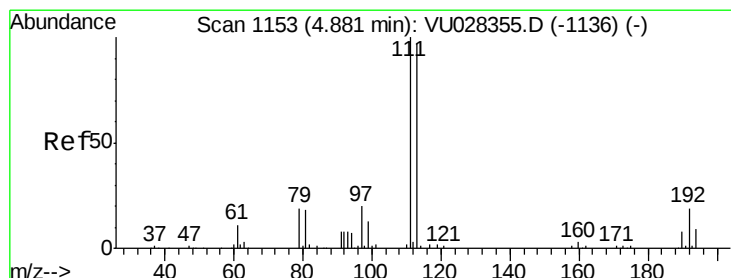
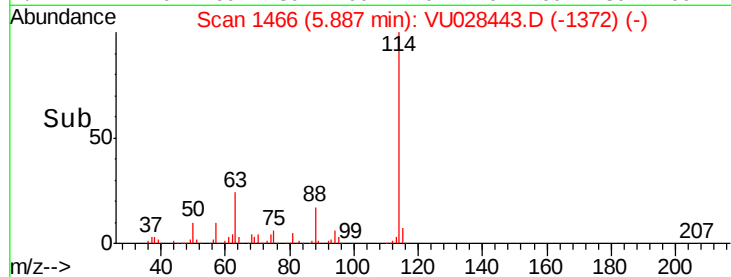
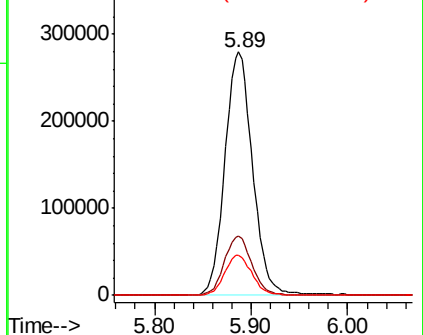
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028443.D
 Acq: 03 Dec 2018 15:55

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-MH-F

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	50.0
88	16.7	0.0	34.4

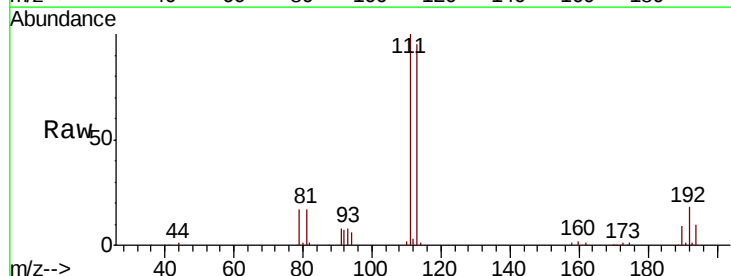


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

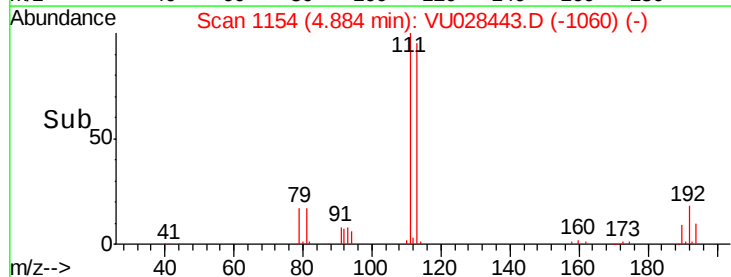
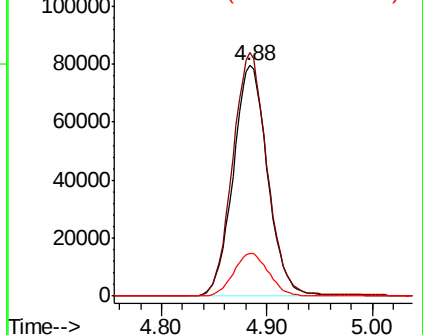


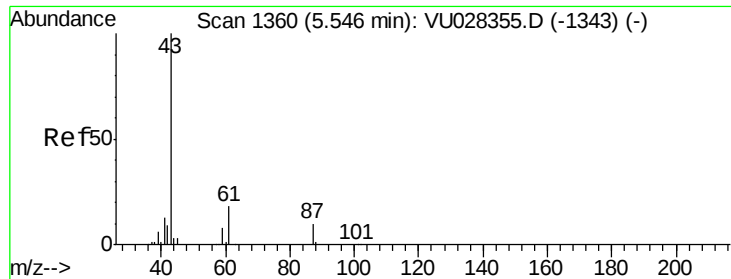
#35
 Dibromofluoromethane
 Concen: 48.603 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028443.D
 Acq: 03 Dec 2018 15:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.9	124.3
192	18.8	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: 3.392 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028443.D

Acq: 03 Dec 2018 15:55

Instrument :

MSVOA_U

ClientSampled :

TP-MH-F

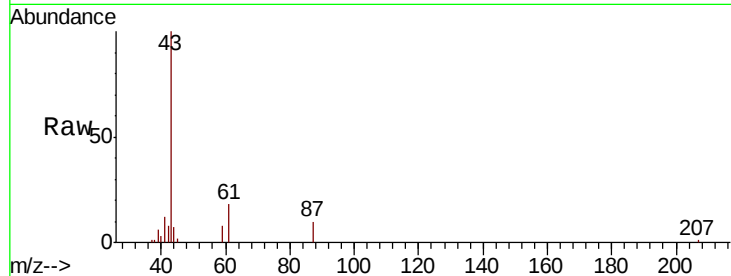
Tot Ion: 43 Resp: 44655

Ion Ratio Lower Upper

43 100

61 18.6 14.5 21.7

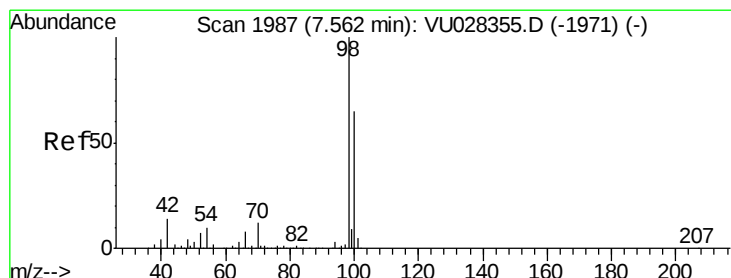
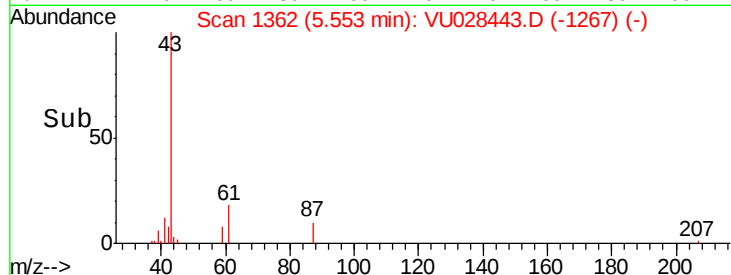
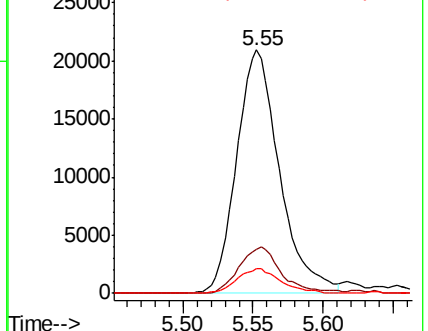
87 10.3 8.4 12.6



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) (-)



#50

Toluene-d8

Concen: 48.270 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028443.D

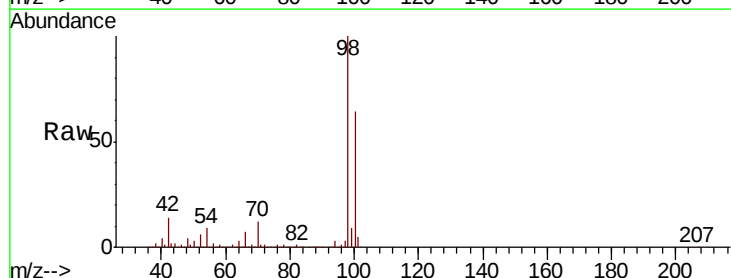
Acq: 03 Dec 2018 15:55

Tgt Ion: 98 Resp: 715200

Ion Ratio Lower Upper

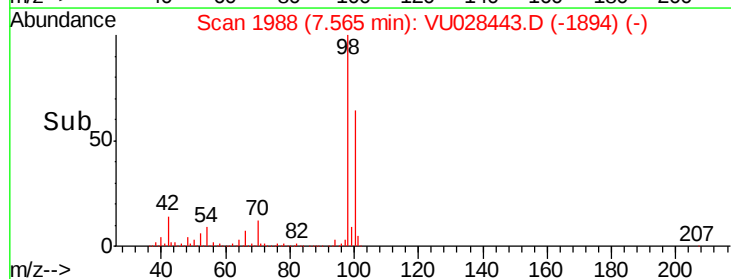
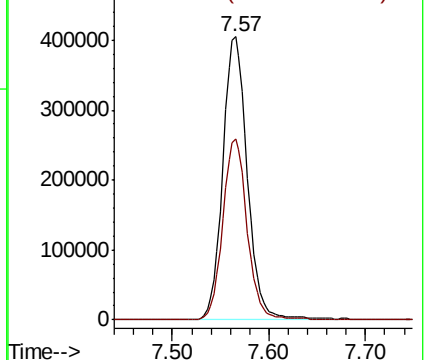
98 100

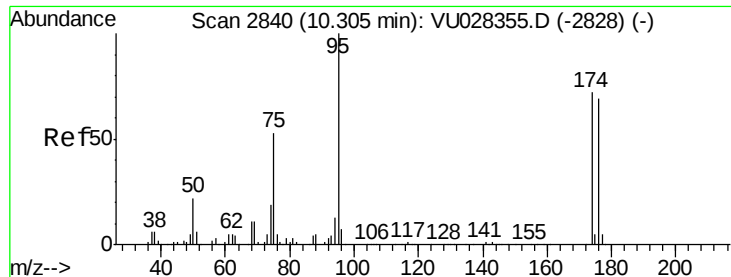
100 63.2 50.8 76.2



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

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

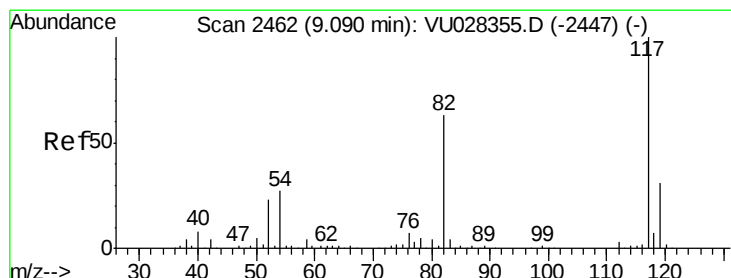
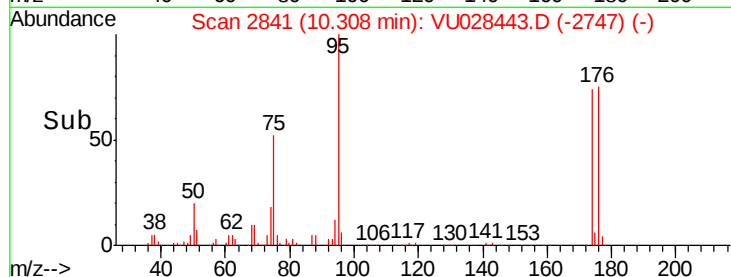
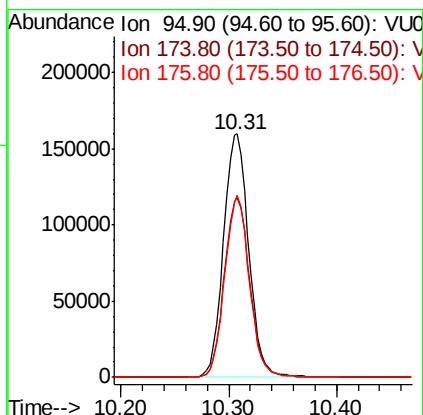
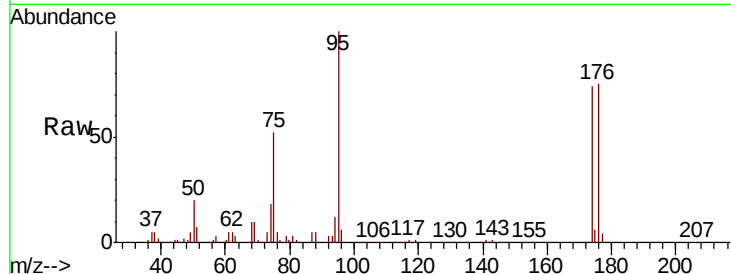




#62
4-Bromofluorobenzene
Concen: 48.632 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028443.D
Acq: 03 Dec 2018 15:55

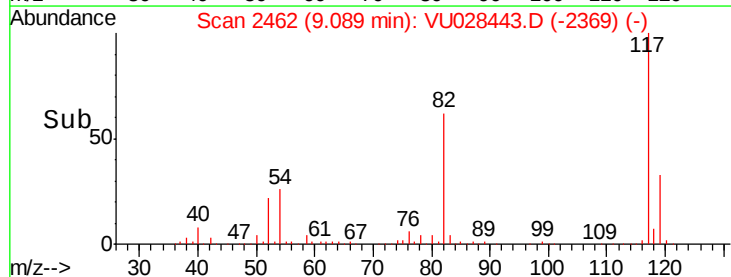
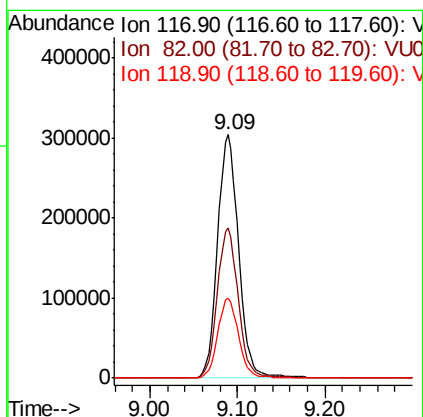
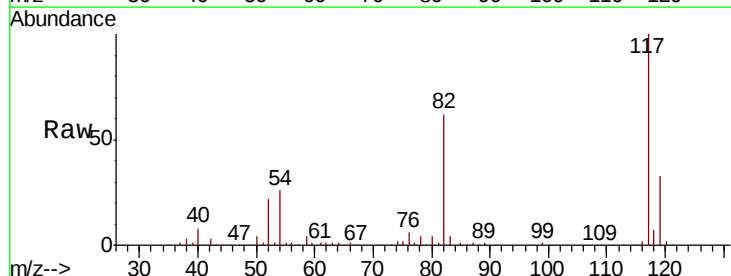
Instrument :
MSVOA_U
ClientSampleId :
TP-MH-F

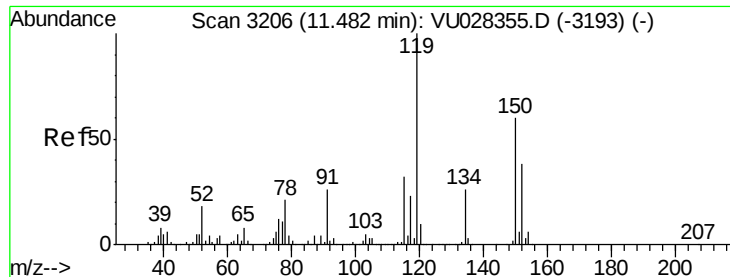
Tot Ion: 95 Resp: 259711
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.4
176 73.2 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028443.D
Acq: 03 Dec 2018 15:55

Tgt Ion: 117 Resp: 509518
Ion Ratio Lower Upper
117 100
82 61.9 50.3 75.5
119 33.0 24.8 37.2



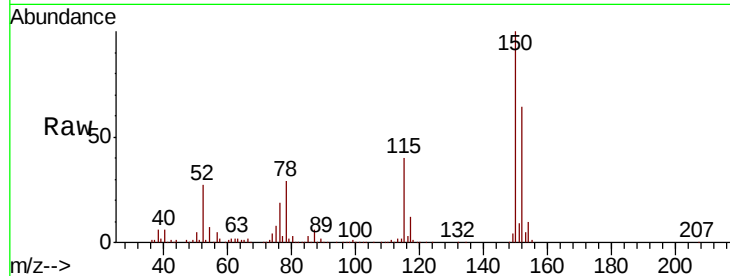


#72

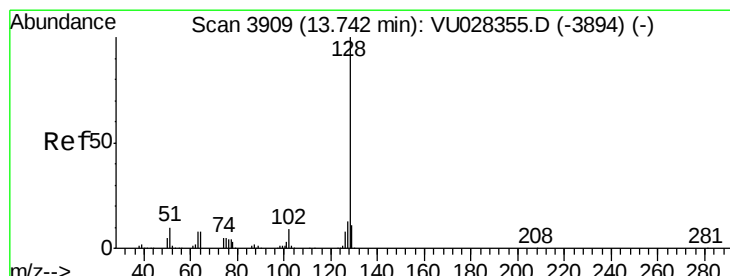
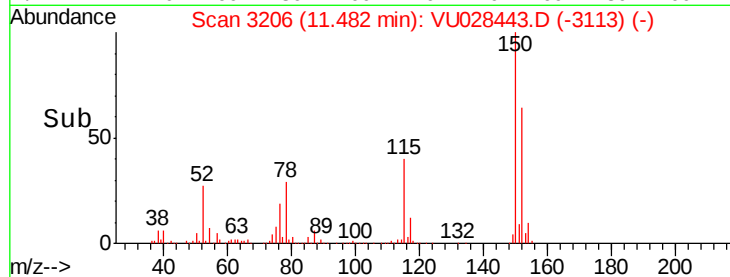
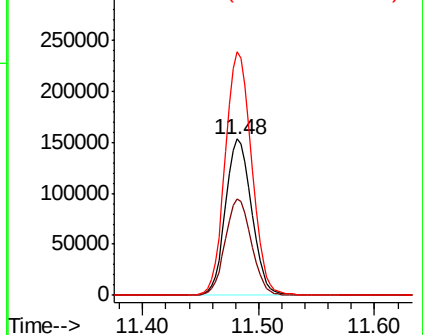
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028443.D
Acq: 03 Dec 2018 15:55

Instrument :
MSVOA_U
ClientSampleId :
TP-MH-F

Tot Ion:152 Resp: 239211
Ion Ratio Lower Upper
152 100
115 61.6 45.0 134.8
150 156.5 0.0 349.2



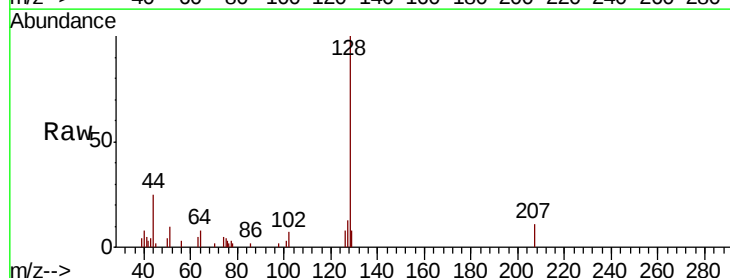
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 3.378 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU028443.D
Acq: 03 Dec 2018 15:55

Tgt Ion:128 Resp: 11589
Ion Ratio Lower Upper
128 100
127 11.4 10.6 15.8
129 4.2 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

