

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028442.D
 Acq On : 03 Dec 2018 15:32
 Operator : MD/SY
 Sample : J5775-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TR-04-113018

Quant Time: Dec 04 07:31:52 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

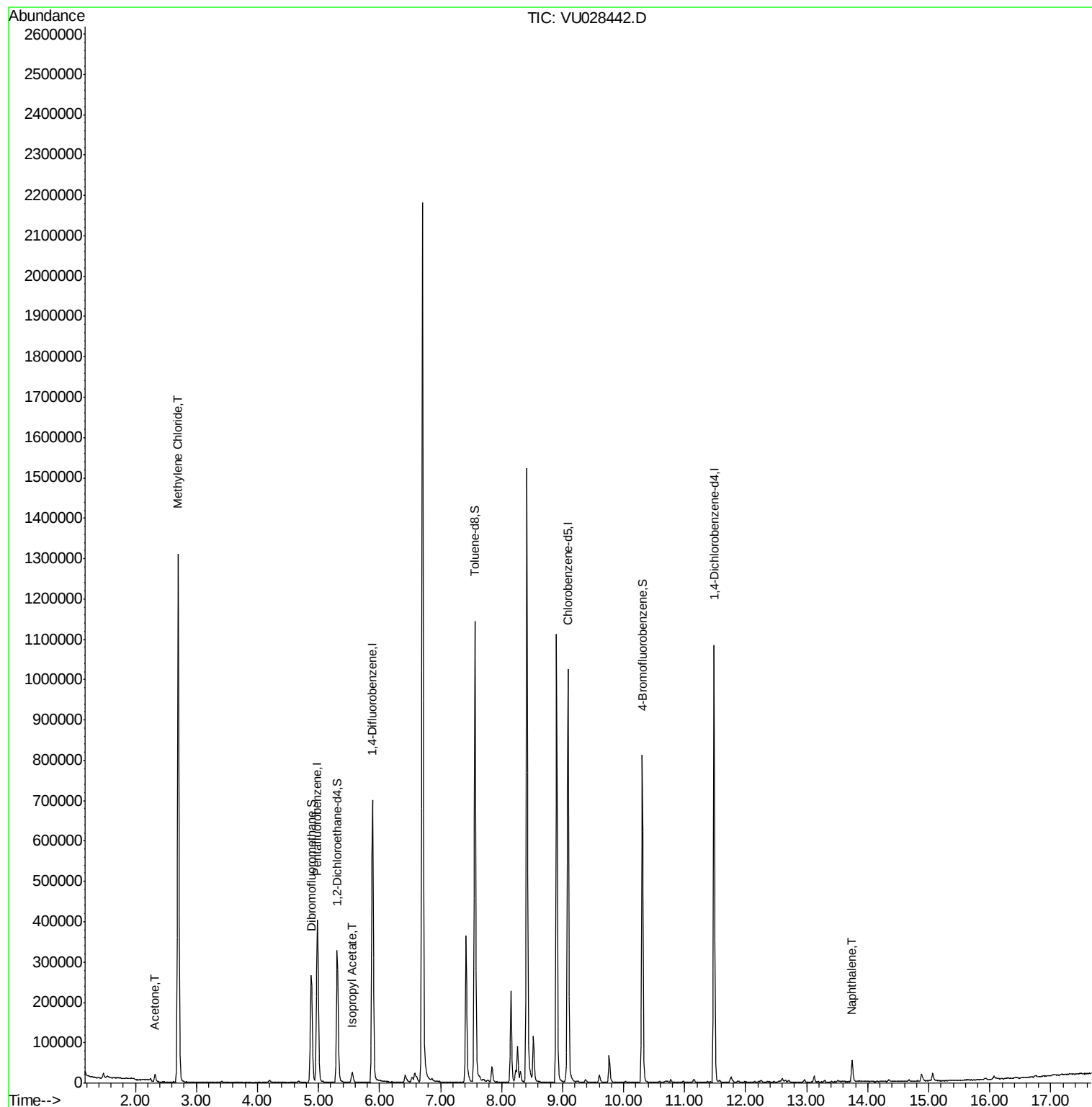
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	299955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	565140	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	542038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	260725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	250795	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
35) Dibromofluoromethane	4.88	113	186175	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	7.57	98	751012	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	10.30	95	275390	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
Target Compounds						
16) Acetone	2.32	43	21581	7.037	ug/l	98
20) Methylene Chloride	2.70	84	526292	121.784	ug/l	94
43) Isopropyl Acetate	5.56	43	31359	2.348	ug/l	98
95) Naphthalene	13.75	128	46770	4.846	ug/l	98

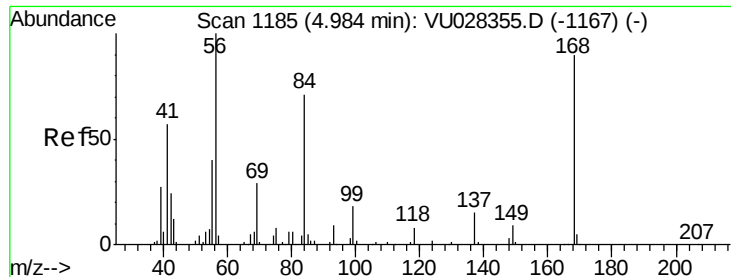
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

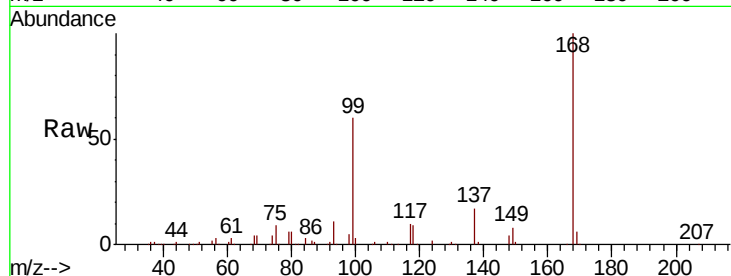
TR-04-113018

Tot Ion:168 Resp: 299955

Ion Ratio Lower Upper

168 100

99 59.9 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

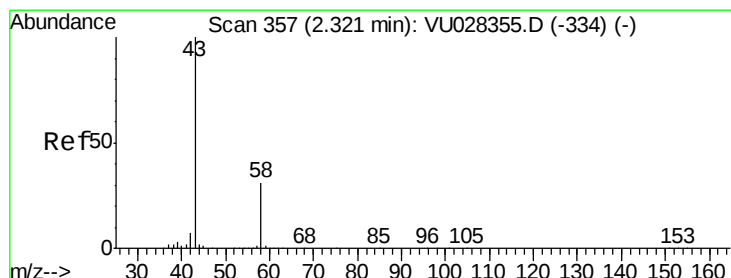
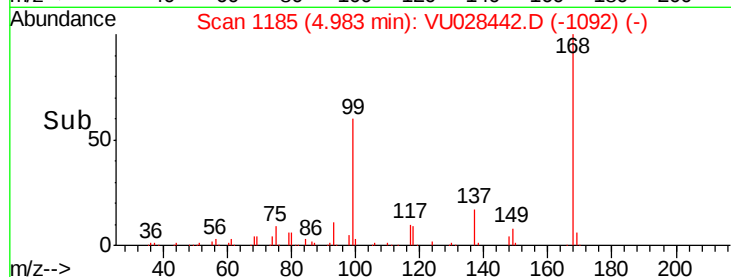
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.037 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028442.D

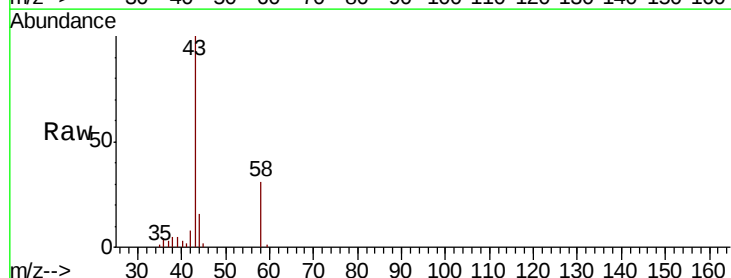
Acq: 03 Dec 2018 15:32

Tgt Ion: 43 Resp: 21581

Ion Ratio Lower Upper

43 100

58 31.5 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

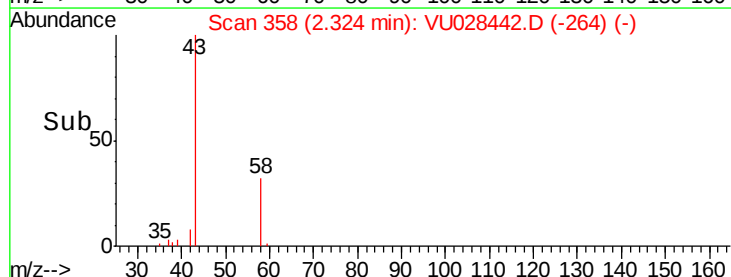
15000

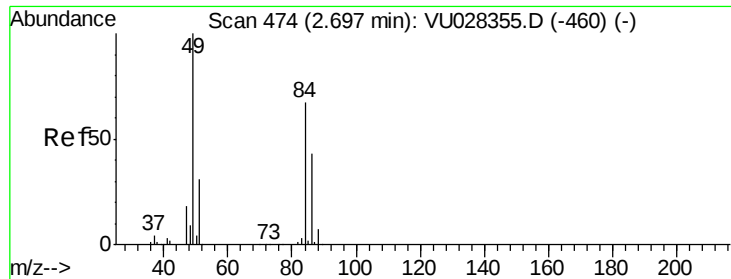
10000

5000

0

Time-->



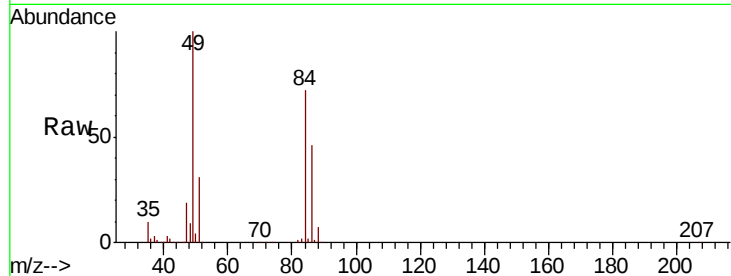


#20
Methvlene Chloride
Concen: 121.784 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

Instrument :
MSVOA_U
ClientSampleId :
TR-04-113018

Tot Ion: 84 Resp: 526292

Ion	Ratio	Lower	Upper
84	100		
49	138.5	120.0	180.0
51	42.4	36.9	55.3
86	64.3	51.1	76.7



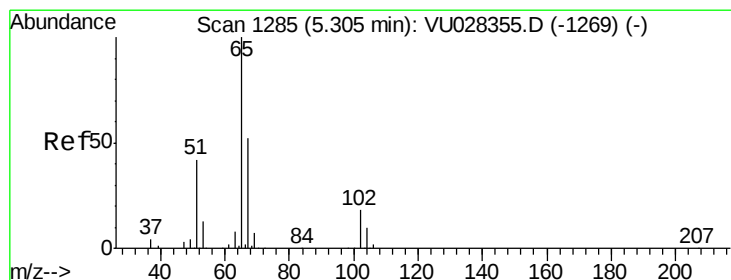
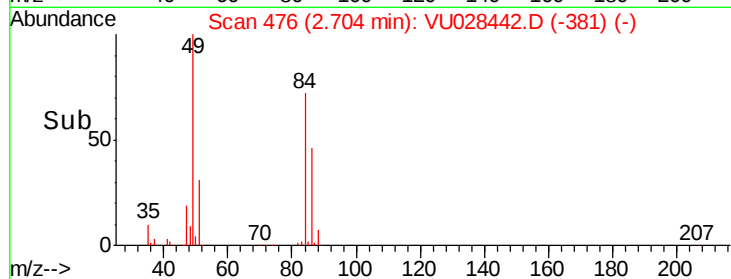
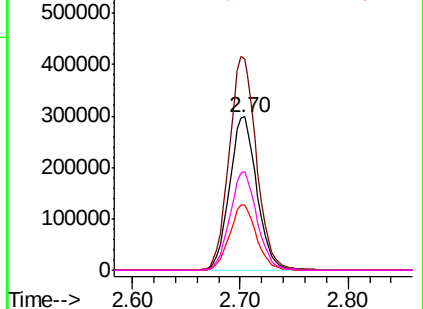
Abundance

Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

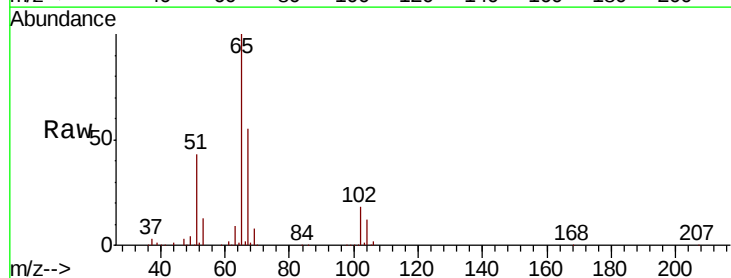
Ion 85.90 (85.60 to 86.60): VU0



#33
1,2-Dichloroethane-d4
Concen: 50.029 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

Tgt Ion: 65 Resp: 250795

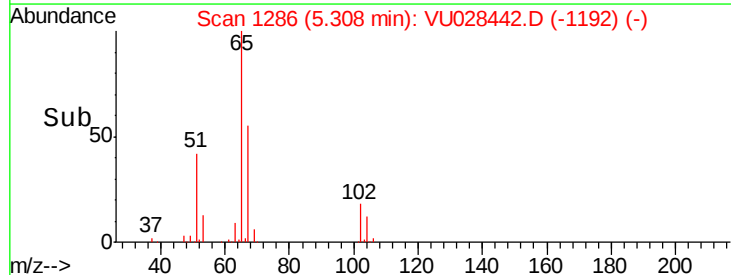
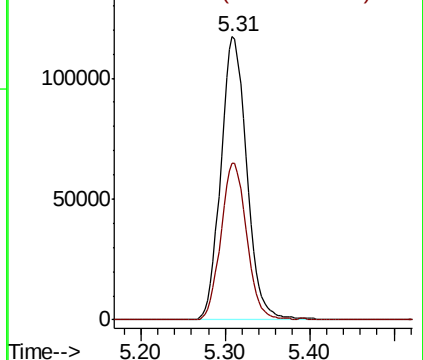
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	106.8

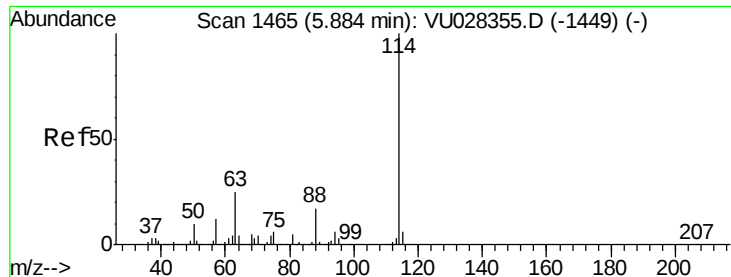


Abundance

Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

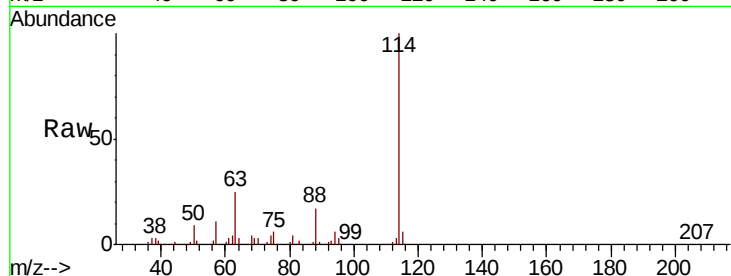




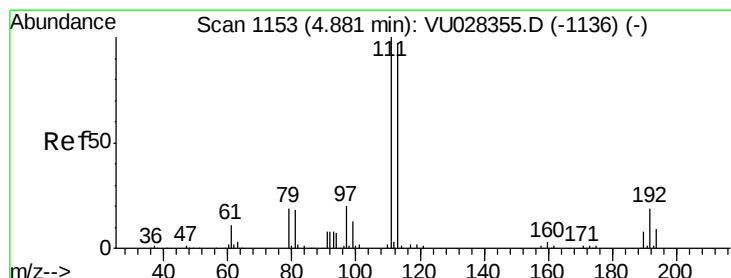
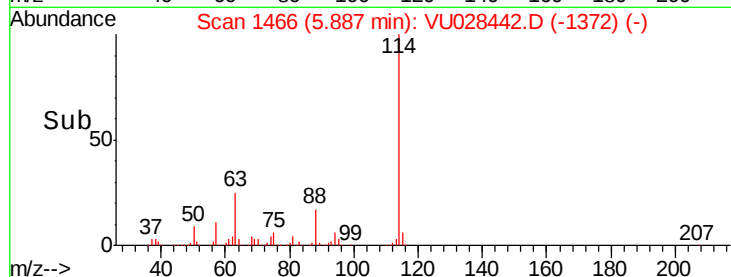
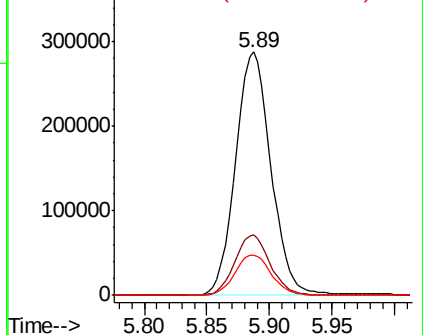
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028442.D
 Acq: 03 Dec 2018 15:32

Instrument :
 MSVOA_U
 ClientSampleId :
 TR-04-113018

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	50.0
88	16.5	0.0	34.4

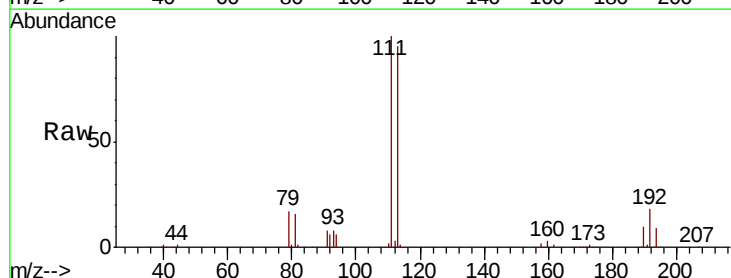


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

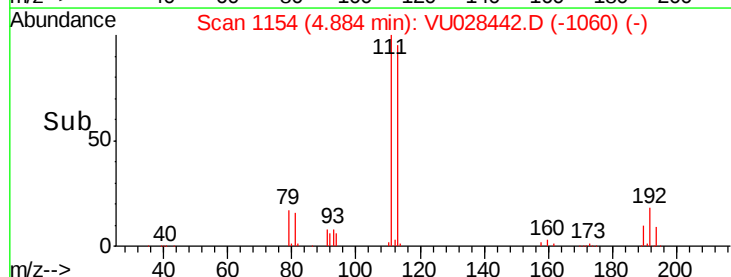
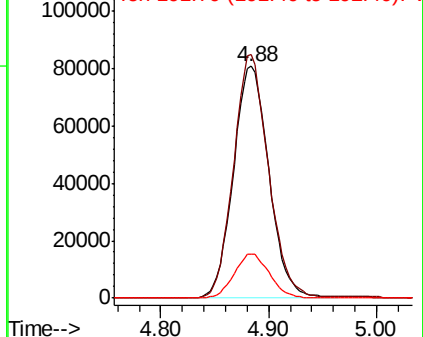


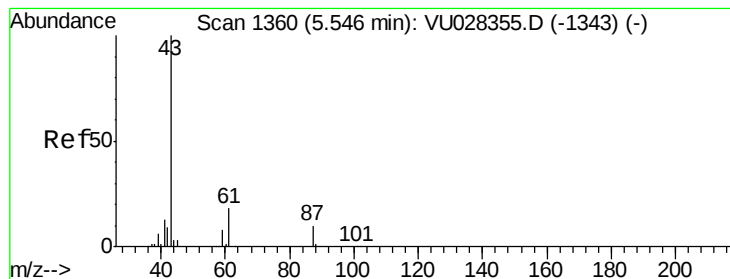
#35
 Dibromofluoromethane
 Concen: 49.542 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028442.D
 Acq: 03 Dec 2018 15:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	18.9	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: 2.348 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

TR-04-113018

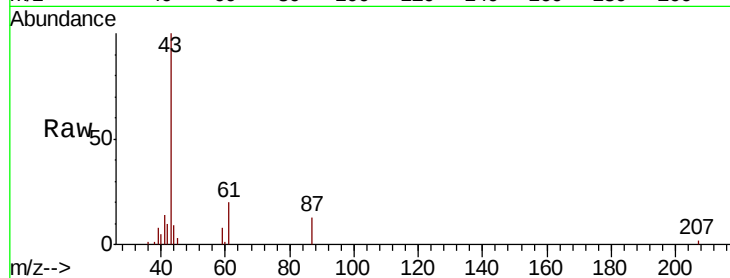
Tot Ion: 43 Resp: 31359

Ion Ratio Lower Upper

43 100

61 18.9 14.5 21.7

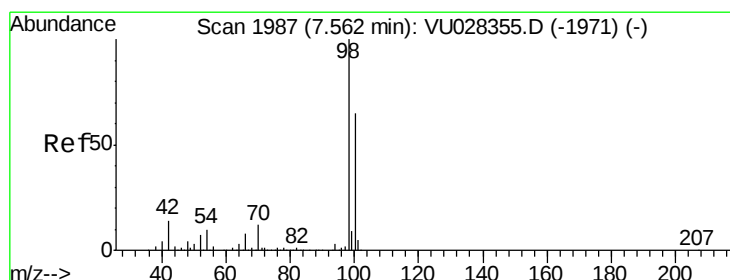
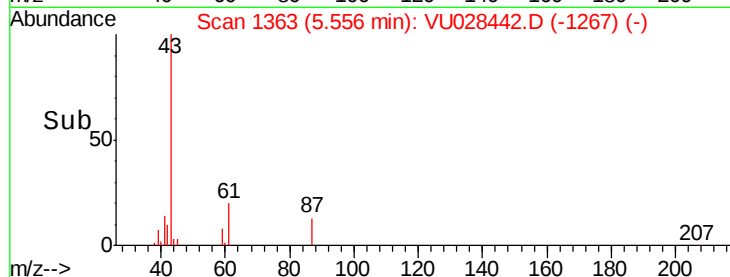
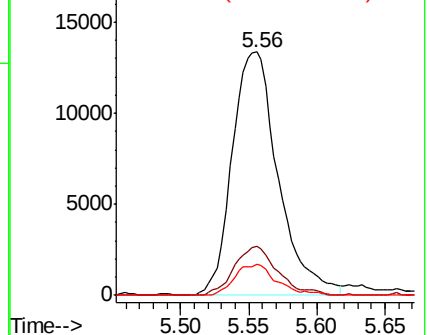
87 11.7 8.4 12.6



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: 49.970 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028442.D

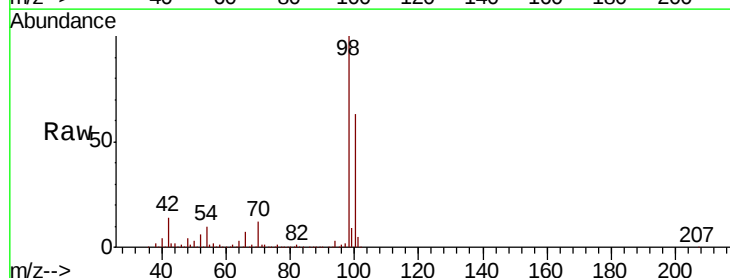
Acq: 03 Dec 2018 15:32

Tgt Ion: 98 Resp: 751012

Ion Ratio Lower Upper

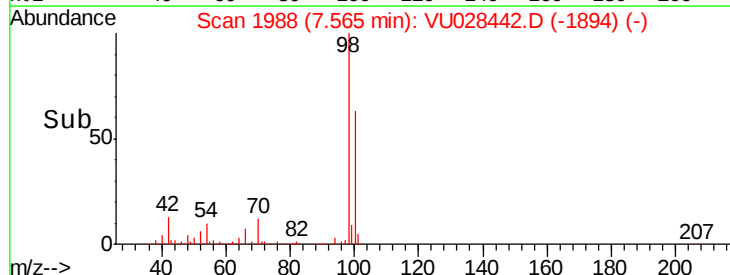
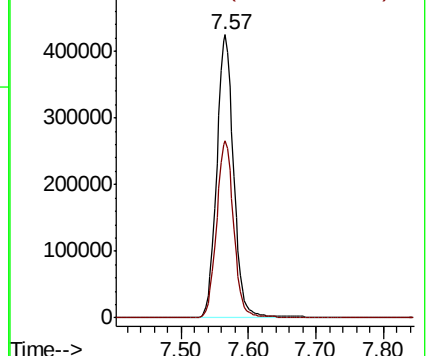
98 100

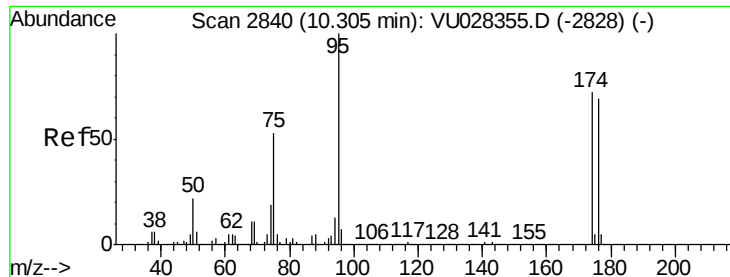
100 62.9 50.8 76.2



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

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

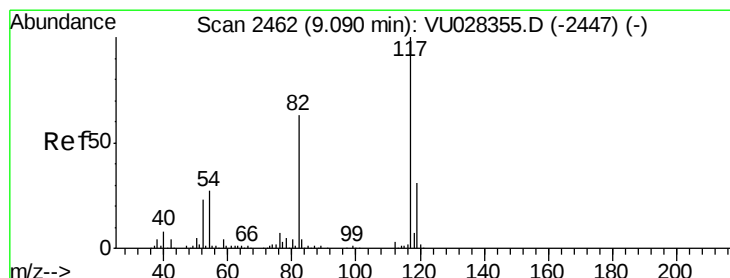
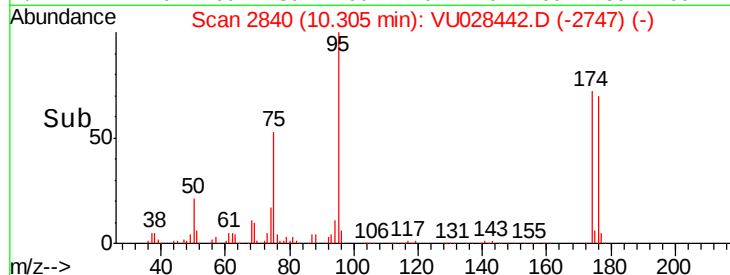
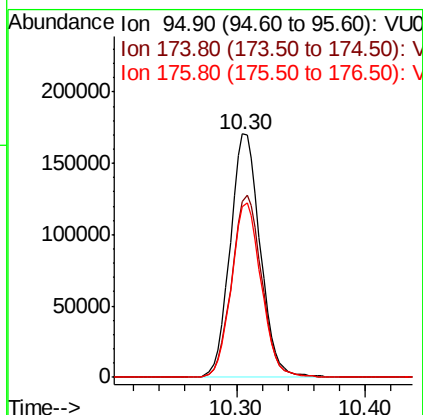
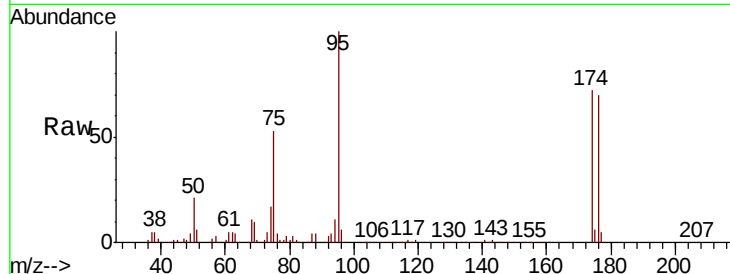




#62
4-Bromofluorobenzene
Concen: 50.839 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

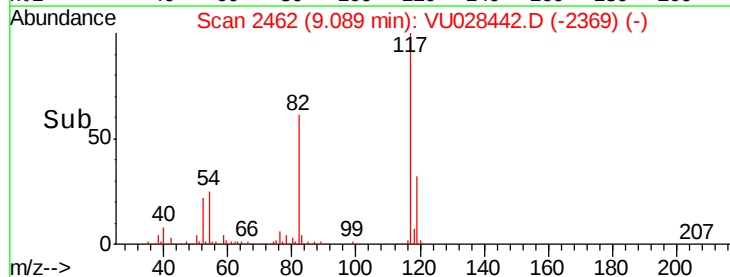
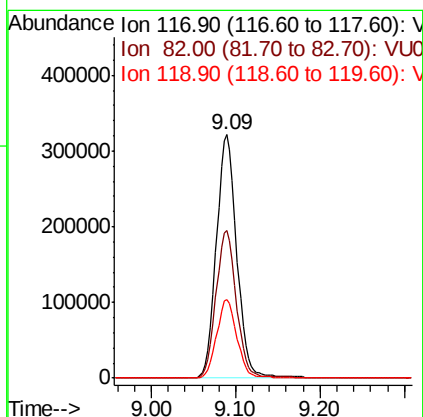
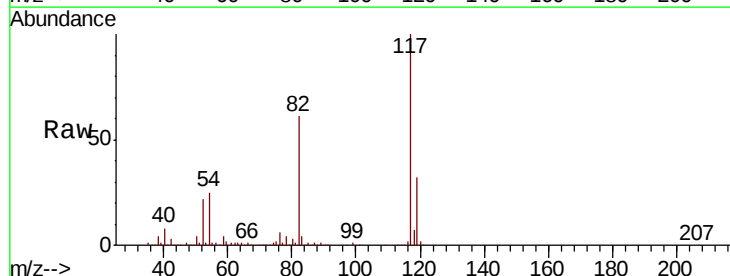
Instrument :
MSVOA_U
ClientSampleId :
TR-04-113018

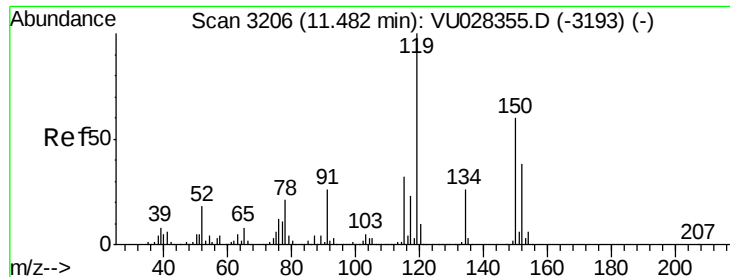
Tot Ion: 95 Resp: 275390
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.4
176 71.5 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028442.D
Acq: 03 Dec 2018 15:32

Tgt Ion: 117 Resp: 542038
Ion Ratio Lower Upper
117 100
82 60.7 50.3 75.5
119 32.4 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: VU028442.D

Acq: 03 Dec 2018 15:32

Instrument :

MSVOA_U

ClientSampleId :

TR-04-113018

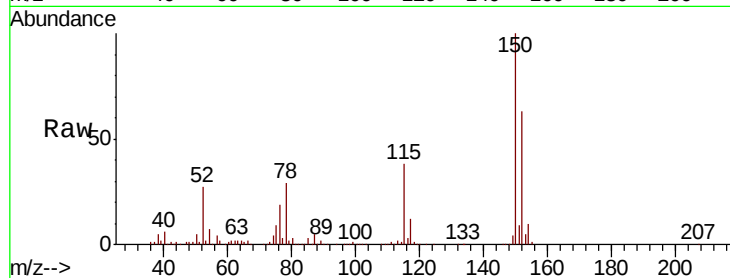
Tot Ion:152 Resp: 260725

Ion Ratio Lower Upper

152 100

115 60.3 45.0 134.8

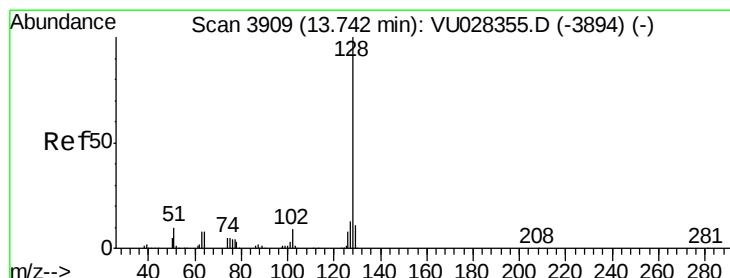
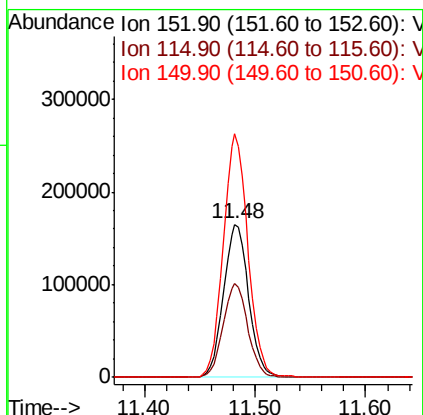
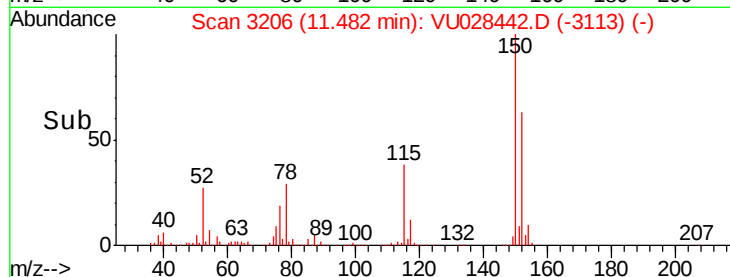
150 155.6 0.0 349.2



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: 4.846 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028442.D

Acq: 03 Dec 2018 15:32

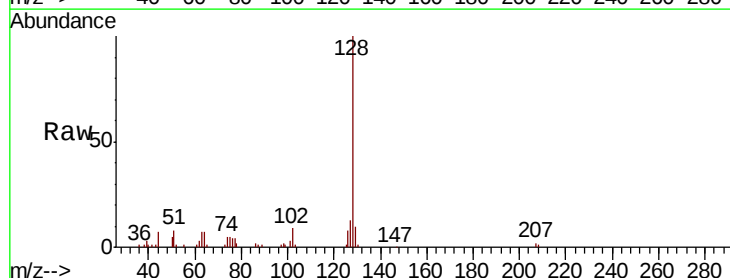
Tgt Ion:128 Resp: 46770

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

129 10.3 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

