

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028434.D
 Acq On : 03 Dec 2018 12:26
 Operator : MD/SY
 Sample : J6159-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-1129-S-TCLP-GRID27

Quant Time: Dec 04 07:16:33 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

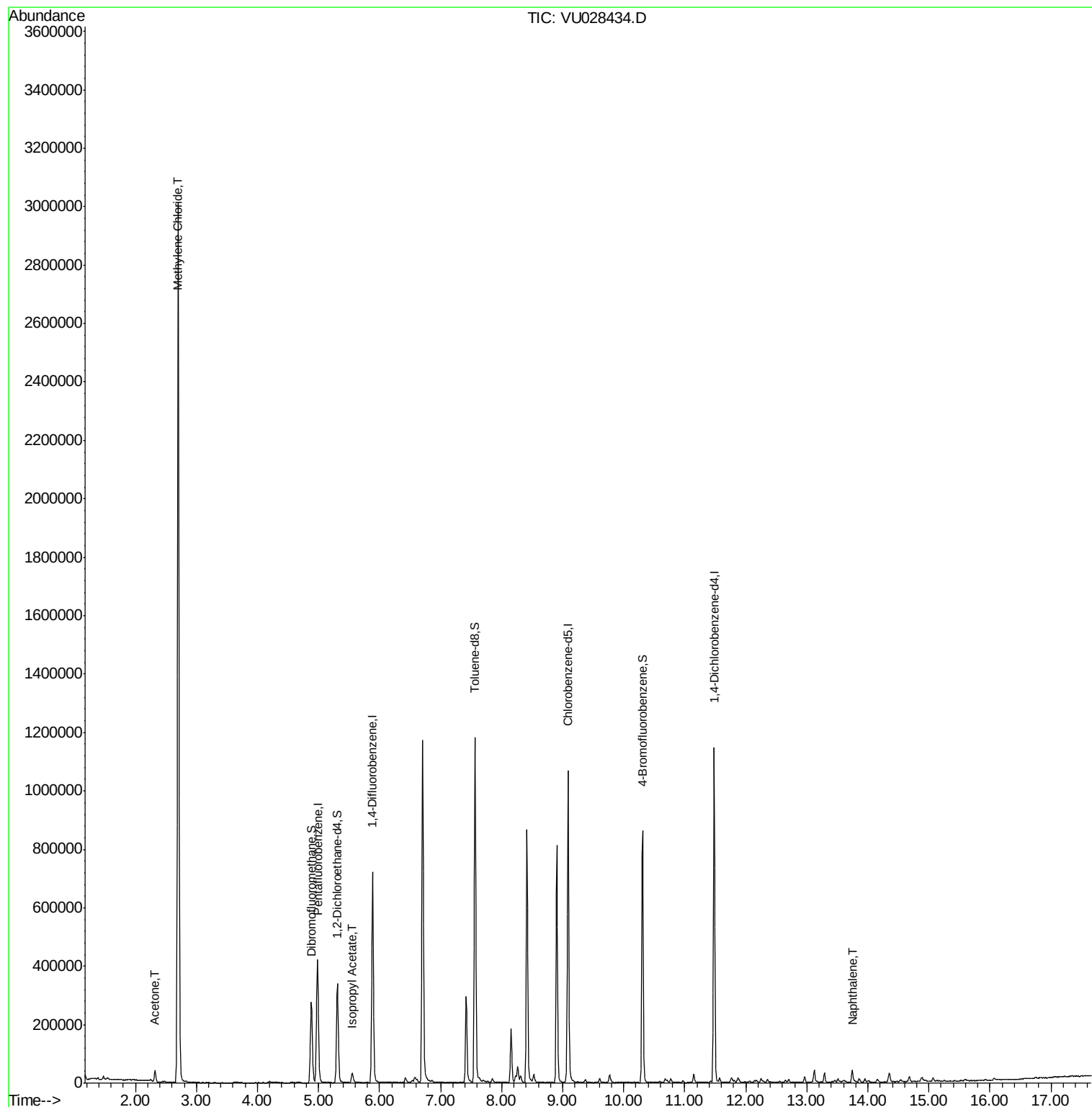
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	314592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	586343	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	568590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	272349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	261128	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	4.88	113	195470	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	7.57	98	777635	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	10.30	95	289622	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
Target Compounds						
16) Acetone	2.32	43	45256	14.071	ug/l	97
20) Methylene Chloride	2.70	84	1247594	275.356	ug/l	94
43) Isopropyl Acetate	5.55	43	41733	3.012	ug/l	100
95) Naphthalene	13.75	128	37920	4.396	ug/l	98

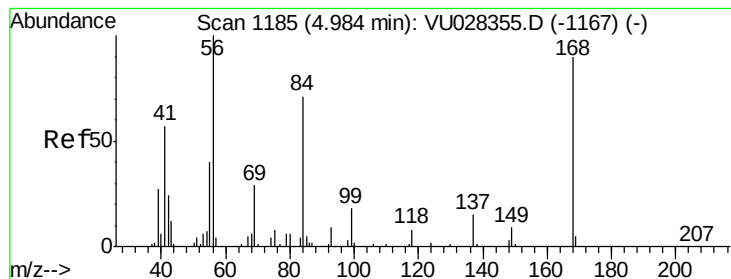
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU120318\
Data File : VU028434.D
Acq On : 03 Dec 2018 12:26
Operator : MD/SY
Sample : J6159-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CB-1129-S-TCLP-GRID27

Quant Time: Dec 04 07:16:33 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: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

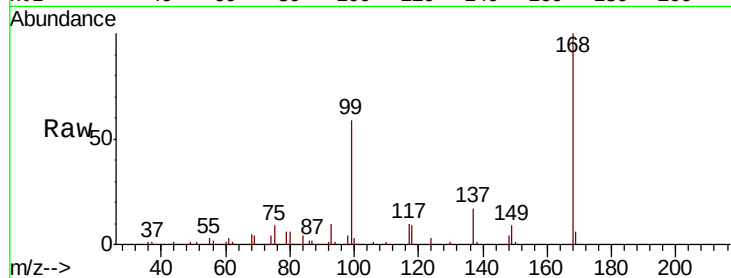
CB-1129-S-TCLP-GRID27

Tot Ion:168 Resp: 314592

Ion Ratio Lower Upper

168 100

99 59.1 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

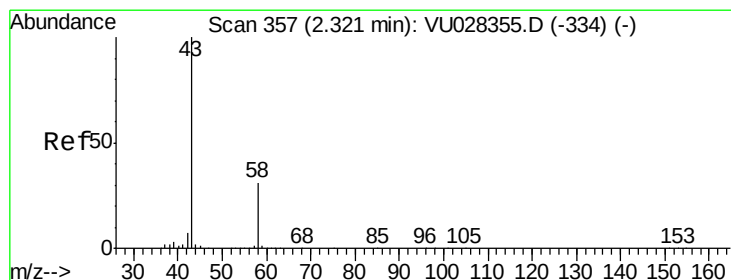
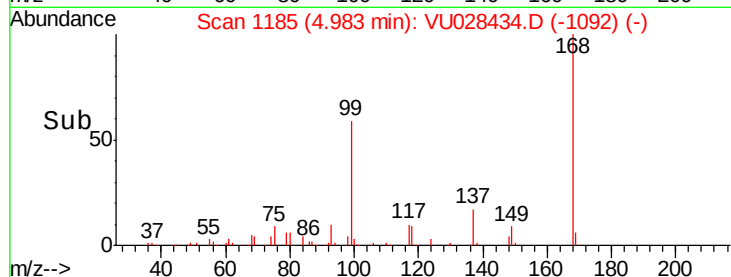
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.071 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028434.D

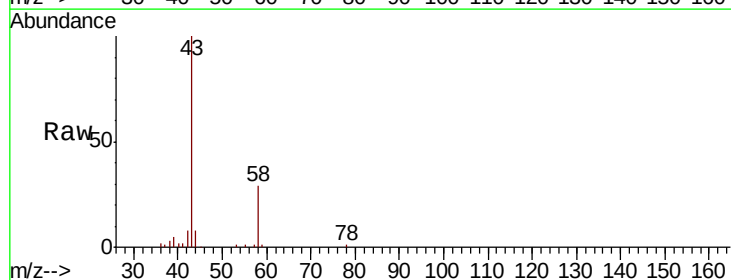
Acq: 03 Dec 2018 12:26

Tgt Ion: 43 Resp: 45256

Ion Ratio Lower Upper

43 100

58 28.9 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

30000

25000

20000

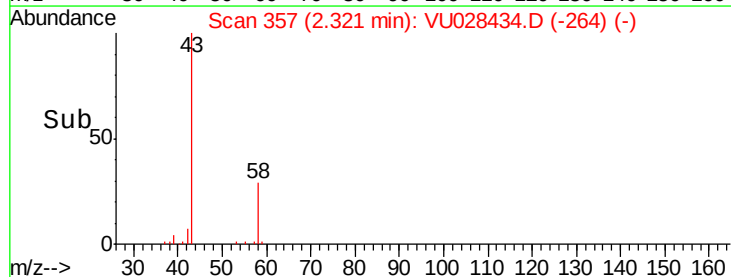
15000

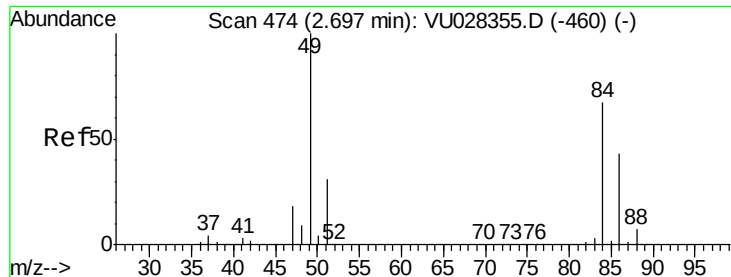
10000

5000

0

Time-->



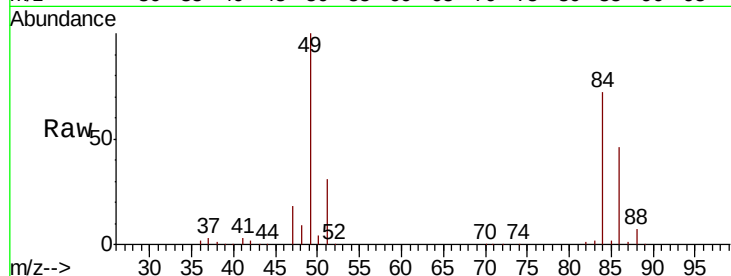


#20
Methylene Chloride
Concen: 275.356 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Instrument :
MSVOA_U
ClientSampleId :
CB-1129-S-TCLP-GRID27

Tot Ion: 84 Resp: 1247594

Ion	Ratio	Lower	Upper
84	100		
49	139.2	120.0	180.0
51	42.7	36.9	55.3
86	63.9	51.1	76.7



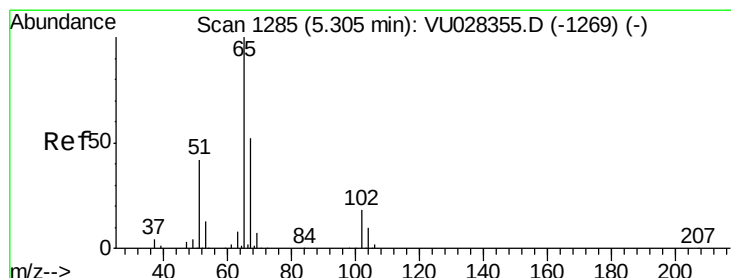
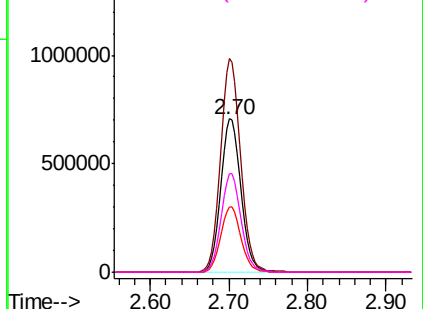
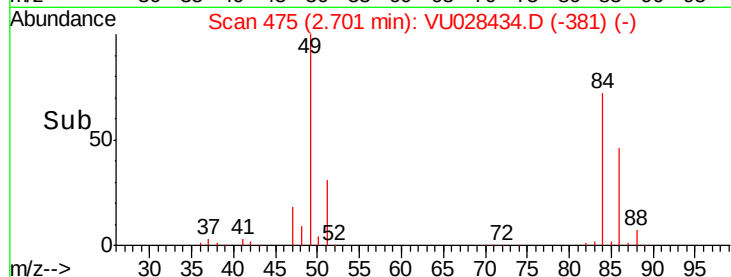
Abundance

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

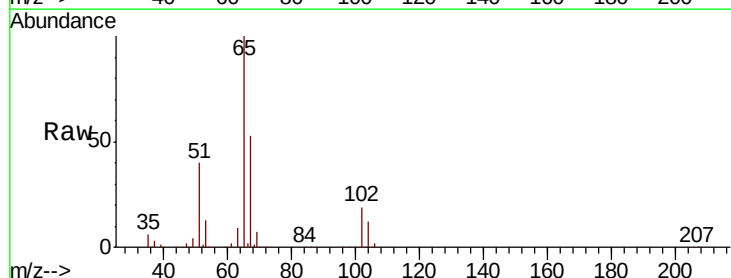
Ion 85.90 (85.60 to 86.60): VU0



#33
1,2-Dichloroethane-d4
Concen: 49.667 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028434.D
Acq: 03 Dec 2018 12:26

Tgt Ion: 65 Resp: 261128

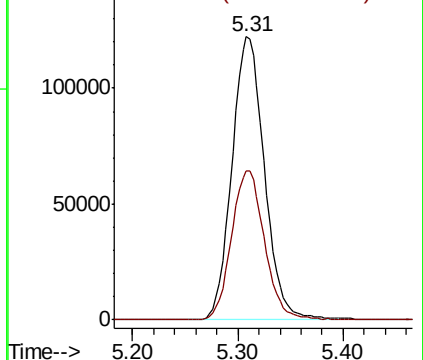
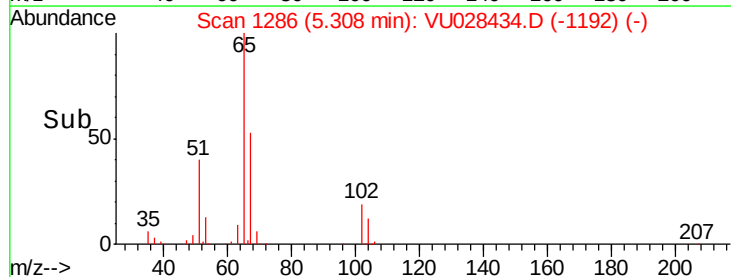
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.8

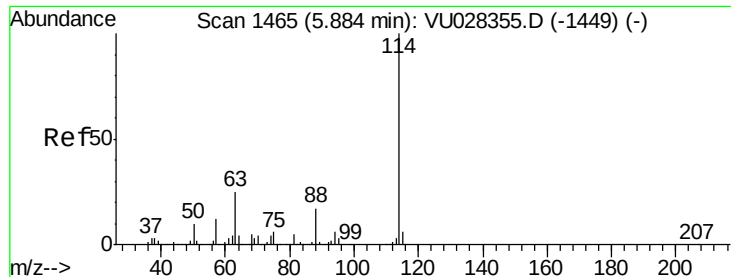


Abundance

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: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

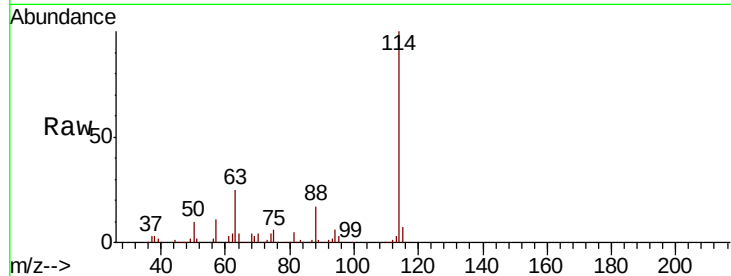
Tot Ion:114 Resp: 586343

Ion Ratio Lower Upper

114 100

63 24.7 0.0 50.0

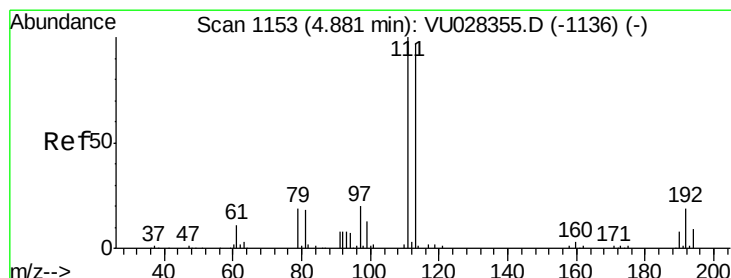
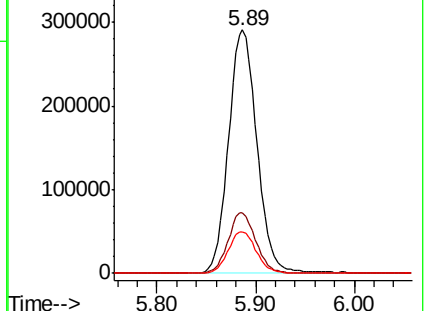
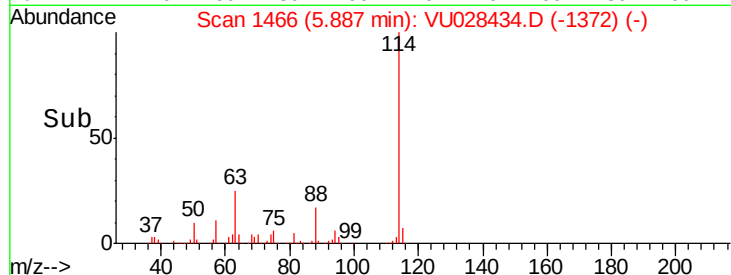
88 17.0 0.0 34.4



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: 50.134 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

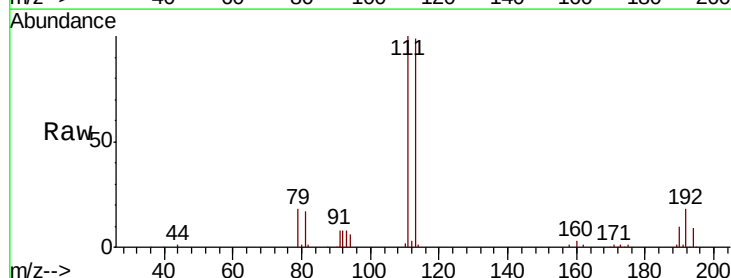
Tgt Ion:113 Resp: 195470

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

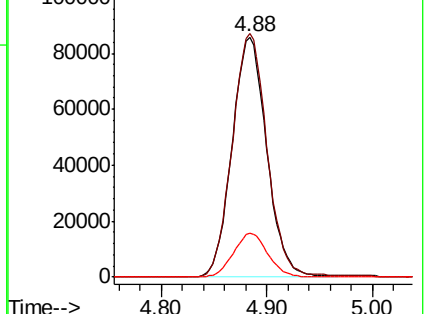
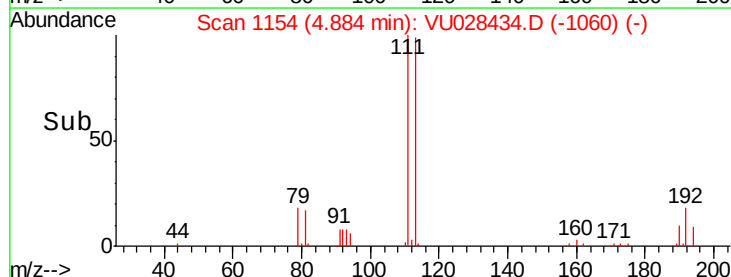
192 18.3 15.4 23.0

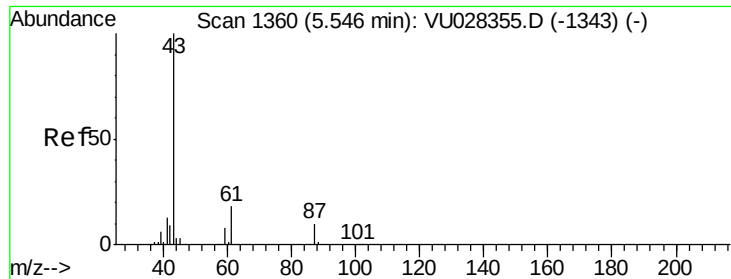


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.012 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

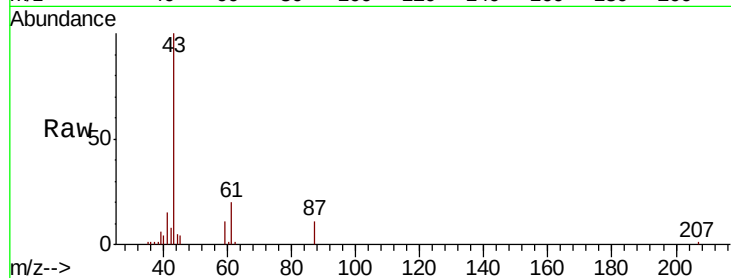
Tot Ion: 43 Resp: 41733

Ion Ratio Lower Upper

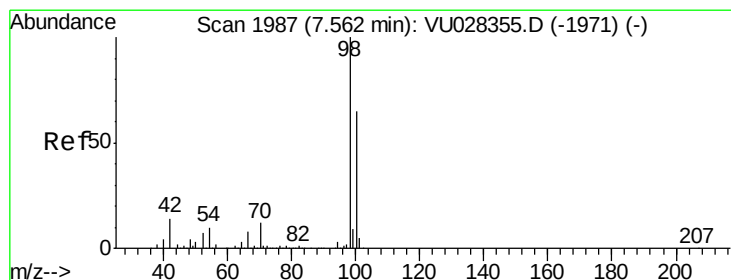
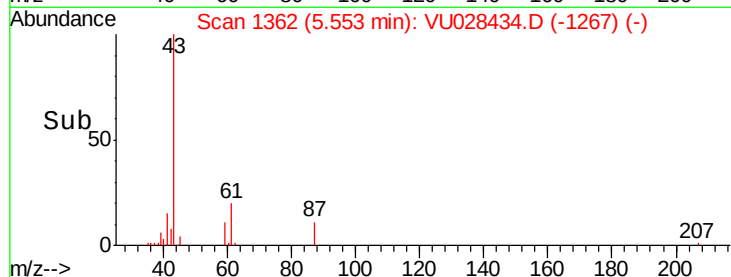
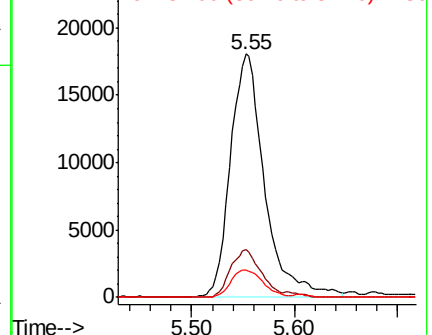
43 100

61 18.3 14.5 21.7

87 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0



#50

Toluene-d8

Concen: 49.871 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028434.D

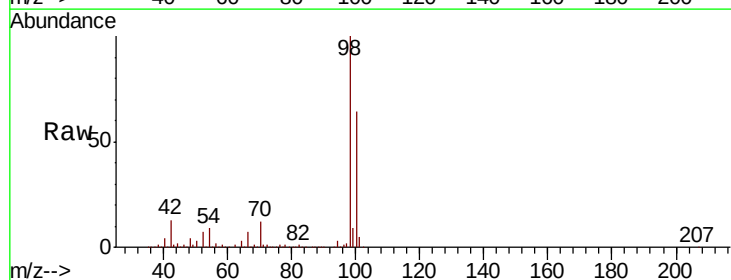
Acq: 03 Dec 2018 12:26

Tgt Ion: 98 Resp: 777635

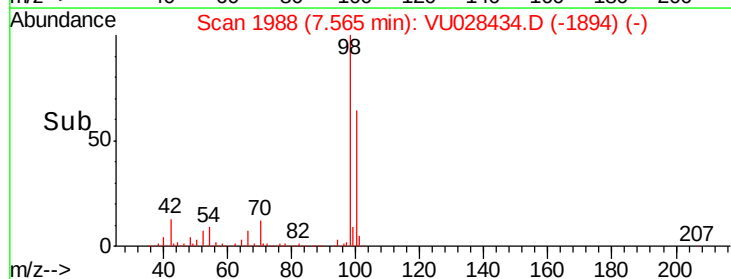
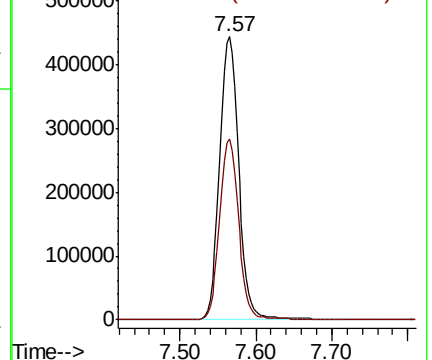
Ion Ratio Lower Upper

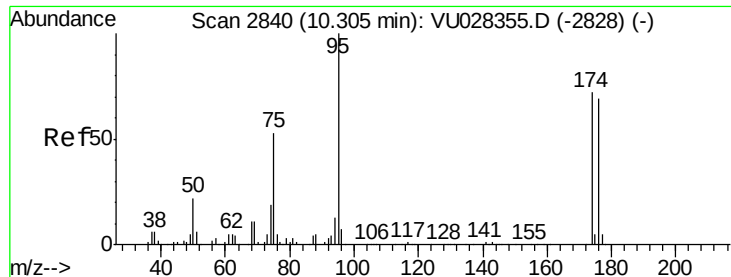
98 100

100 62.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 51.533 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

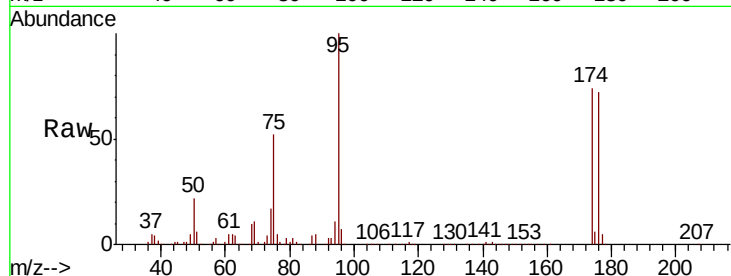
Tot Ion: 95 Resp: 289622

Ion Ratio Lower Upper

95 100

174 75.4 0.0 145.4

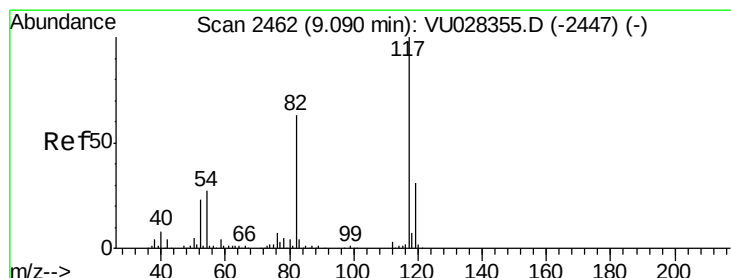
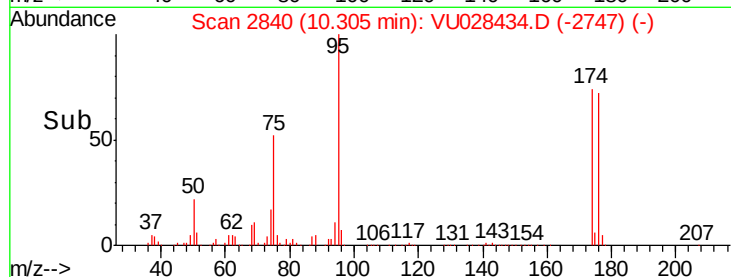
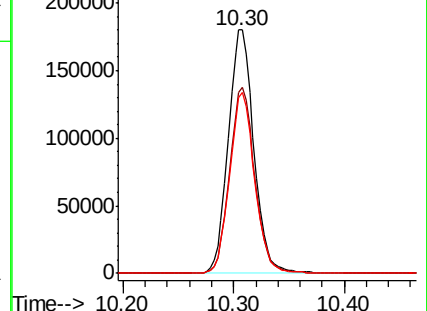
176 72.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028355.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028355.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028355.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

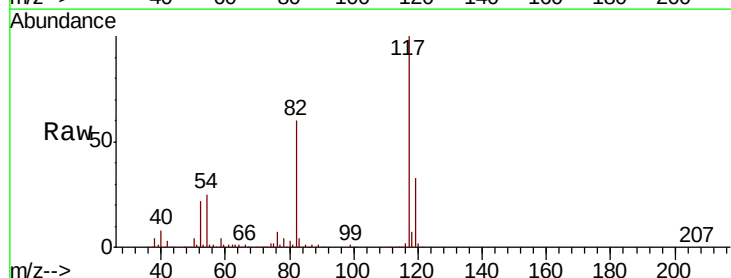
Tgt Ion: 117 Resp: 568590

Ion Ratio Lower Upper

117 100

82 60.5 50.3 75.5

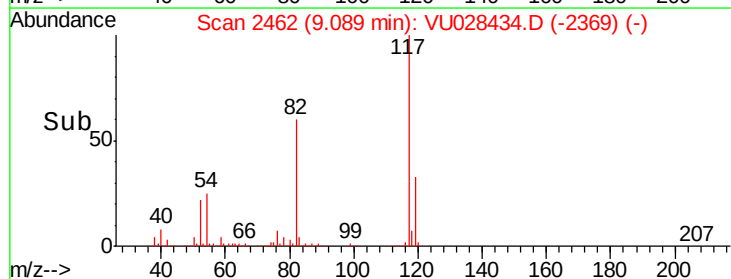
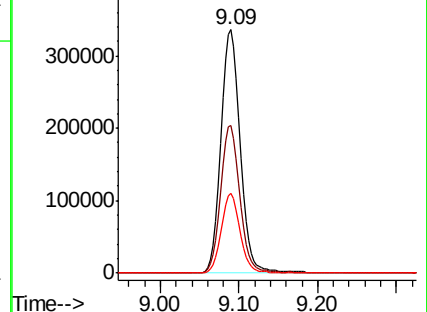
119 32.7 24.8 37.2

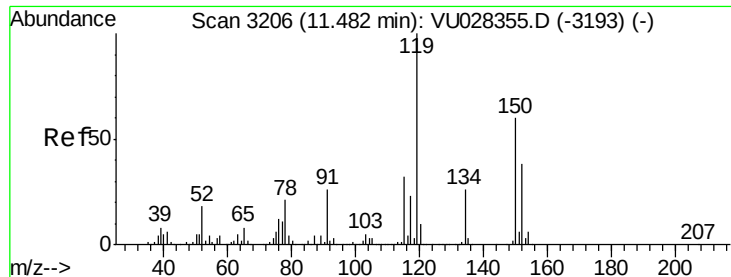


Abundance Ion 116.90 (116.60 to 117.60): VU028355.D (-2447) (-)

Ion 82.00 (81.70 to 82.70): VU028355.D (-2447) (-)

Ion 118.90 (118.60 to 119.60): VU028355.D (-2447) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID27

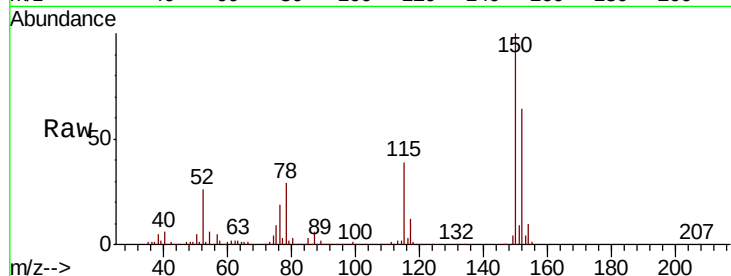
Tot Ion:152 Resp: 272349

Ion Ratio Lower Upper

152 100

115 60.9 45.0 134.8

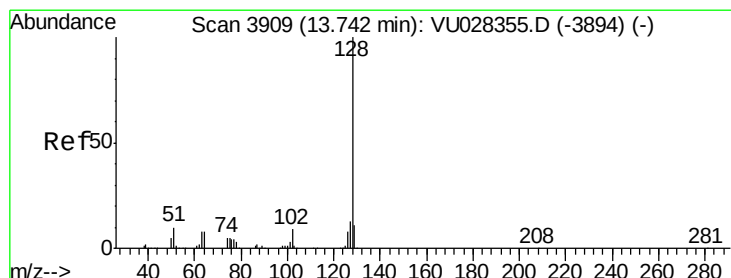
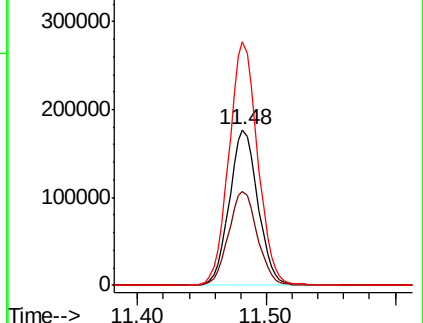
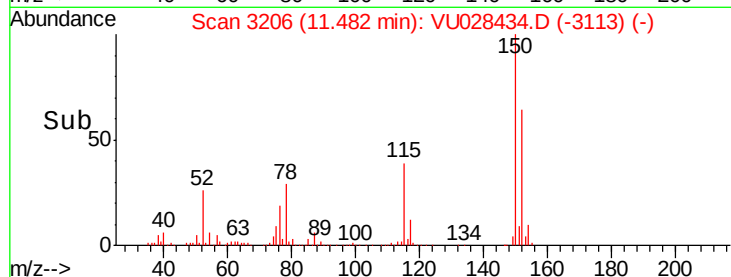
150 156.6 0.0 349.2



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: 4.396 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028434.D

Acq: 03 Dec 2018 12:26

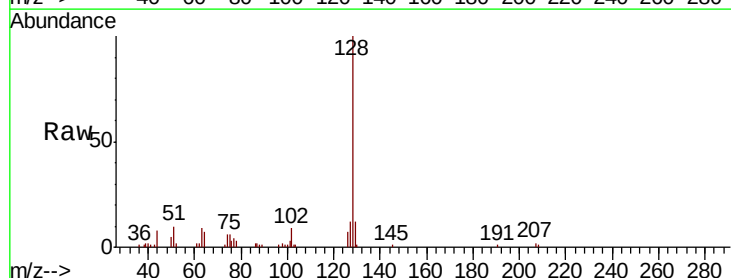
Tgt Ion:128 Resp: 37920

Ion Ratio Lower Upper

128 100

127 11.9 10.6 15.8

129 10.5 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

