

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028433.D
 Acq On : 03 Dec 2018 12:03
 Operator : MD/SY
 Sample : J6159-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-1129-S-TCLP-GRID26-2

Quant Time: Dec 04 07:15:01 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

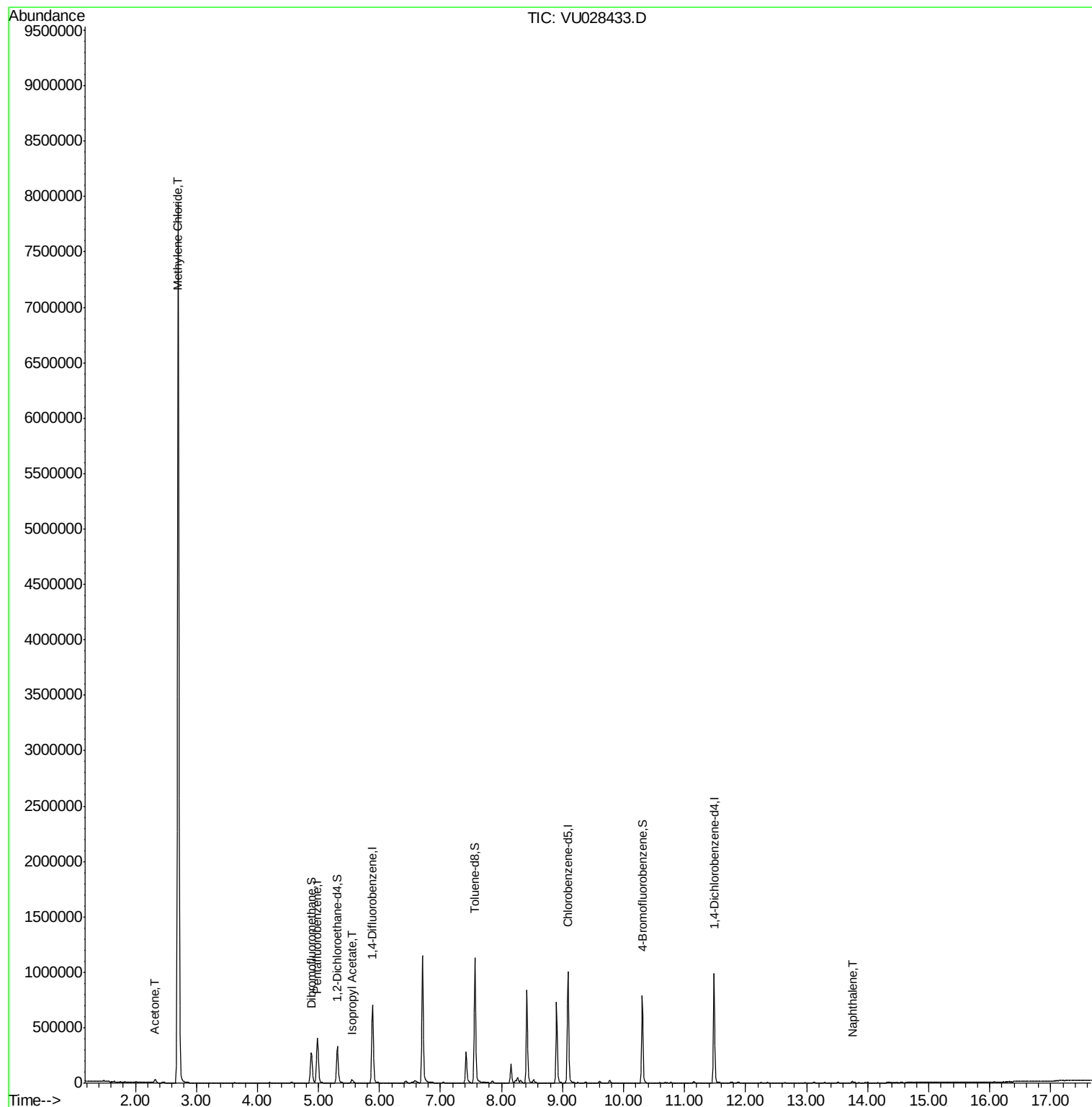
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	301135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	571001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	537348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	240481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	250646	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
35) Dibromofluoromethane	4.88	113	189474	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	7.57	98	737279	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	10.31	95	268306	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
16) Acetone	2.32	43	36528	11.865	ug/l	99
20) Methylene Chloride	2.70	84	3268334	753.717	ug/l	94
43) Isopropyl Acetate	5.55	43	40069	2.970	ug/l	98
95) Naphthalene	13.75	128	11640	3.378	ug/l #	96

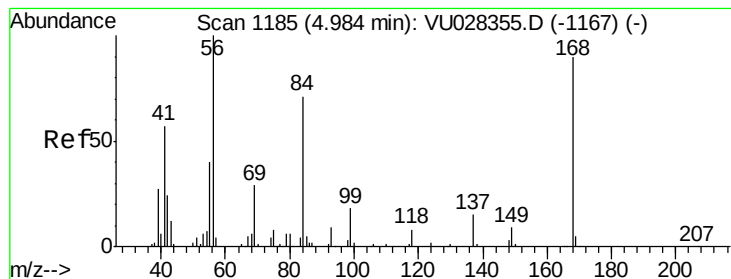
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028433.D

Acq: 03 Dec 2018 12:03

Instrument :

MSVOA_U

ClientSampleId :

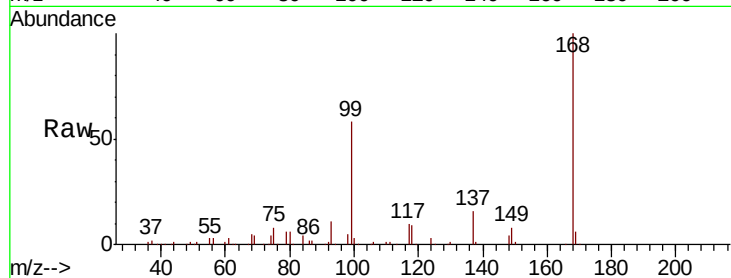
CB-1129-S-TCLP-GRID26-2

Tot Ion:168 Resp: 301135

Ion Ratio Lower Upper

168 100

99 58.4 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

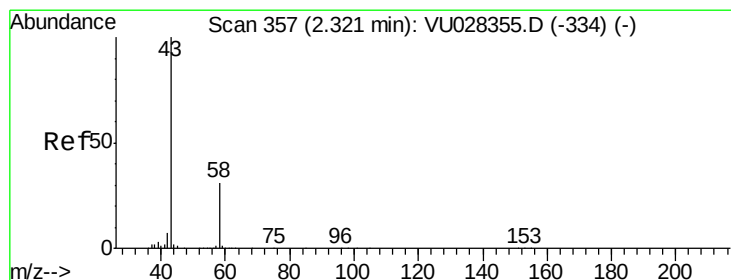
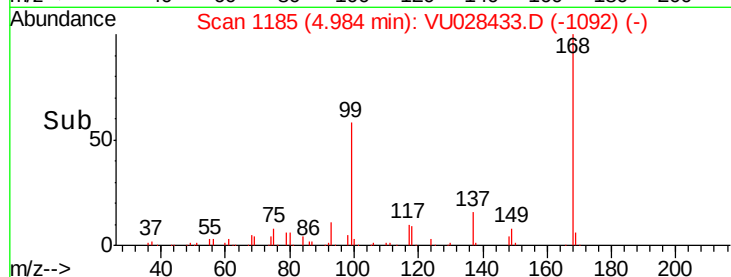
100000

50000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 11.865 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028433.D

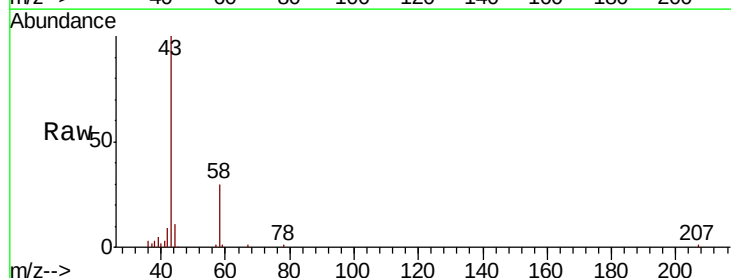
Acq: 03 Dec 2018 12:03

Tgt Ion: 43 Resp: 36528

Ion Ratio Lower Upper

43 100

58 30.0 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

25000

20000

15000

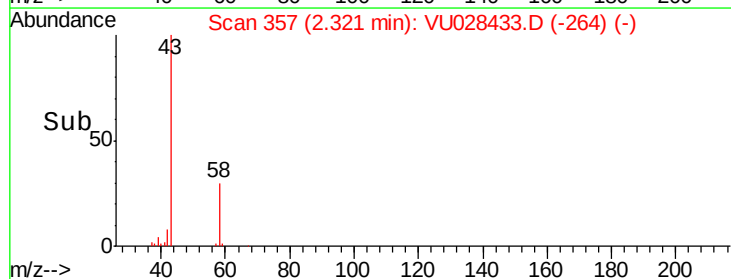
10000

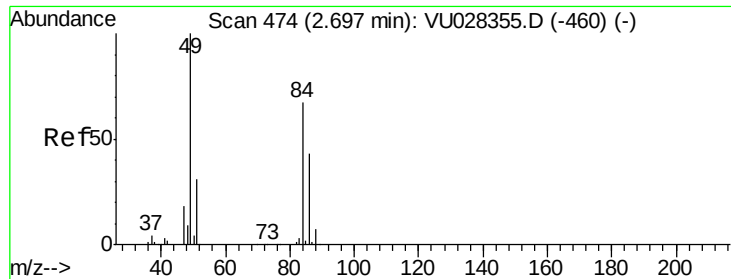
5000

0

2.25 2.30 2.35 2.40

Time-->



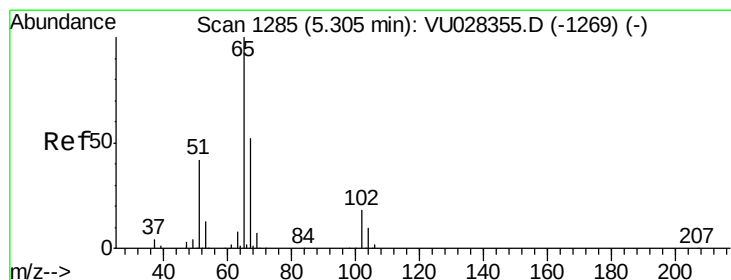
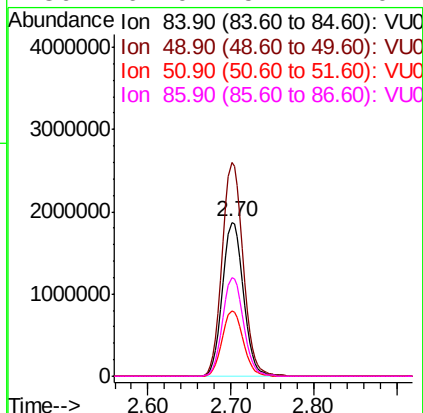
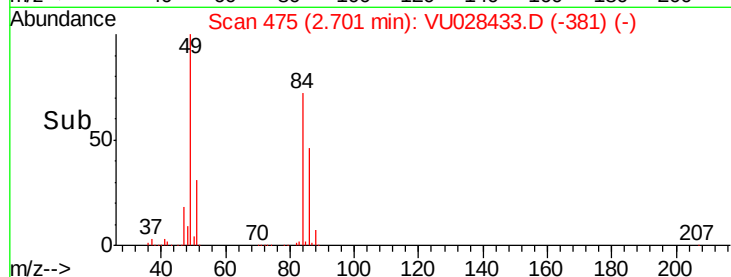
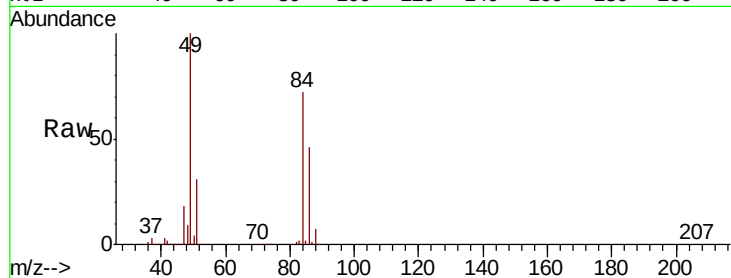


#20
Methylene Chloride
Concen: 753.717 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU028433.D
Acq: 03 Dec 2018 12:03

Instrument :
MSVOA_U
ClientSampleId :
CB-1129-S-TCLP-GRID26-2

Tot Ion: 84 Resp: 3268334

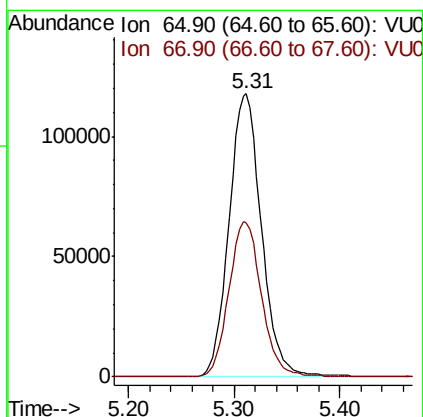
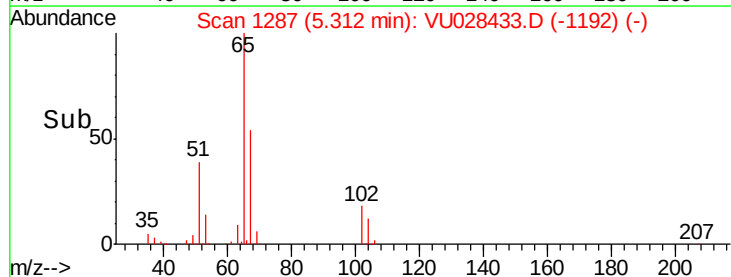
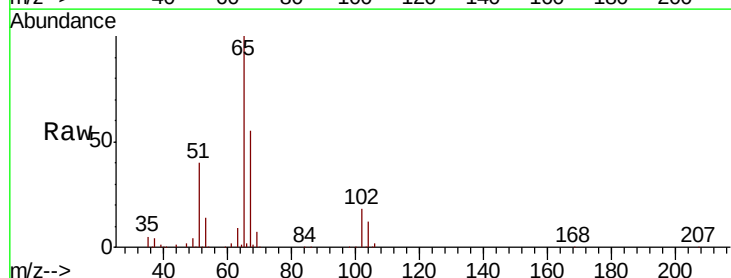
Ion	Ratio	Lower	Upper
84	100		
49	139.0	120.0	180.0
51	42.6	36.9	55.3
86	64.0	51.1	76.7

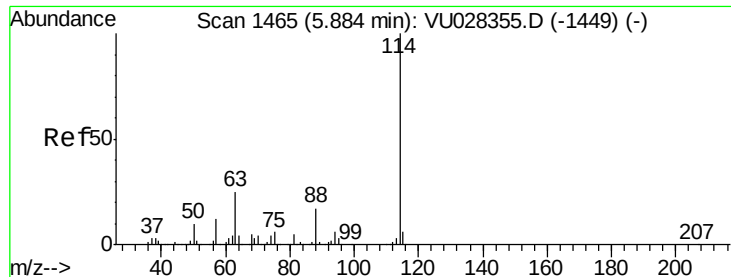


#33
1,2-Dichloroethane-d4
Concen: 49.803 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.01 min
Lab File: VU028433.D
Acq: 03 Dec 2018 12:03

Tgt Ion: 65 Resp: 250646

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	106.8

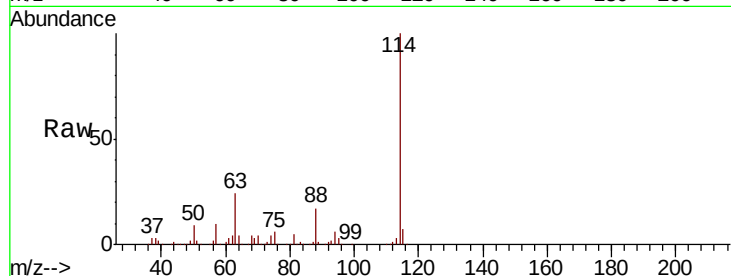




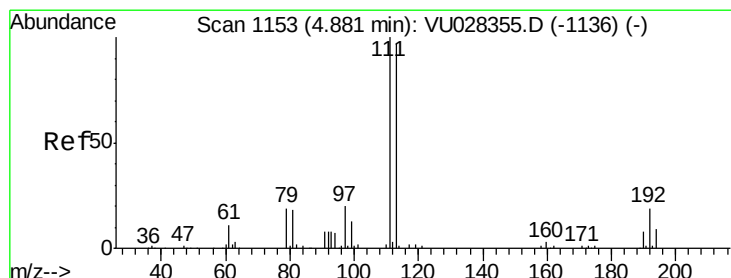
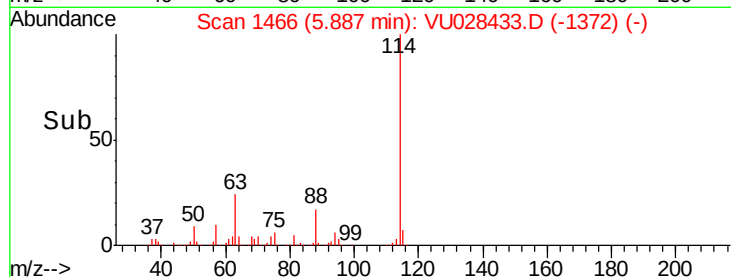
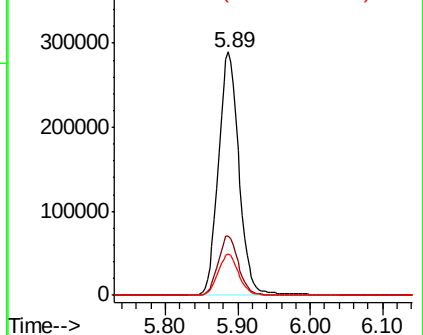
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028433.D
 Acq: 03 Dec 2018 12:03

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-1129-S-TCLP-GRID26-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	50.0
88	16.8	0.0	34.4

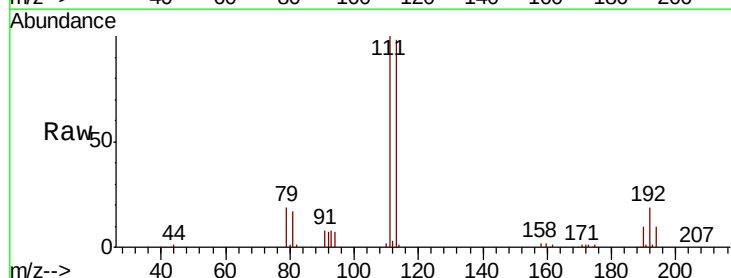


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

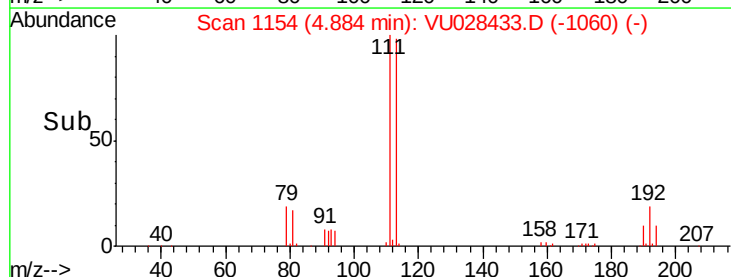
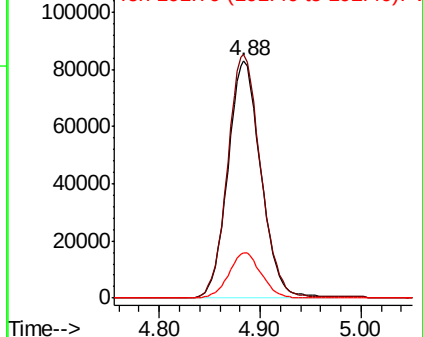


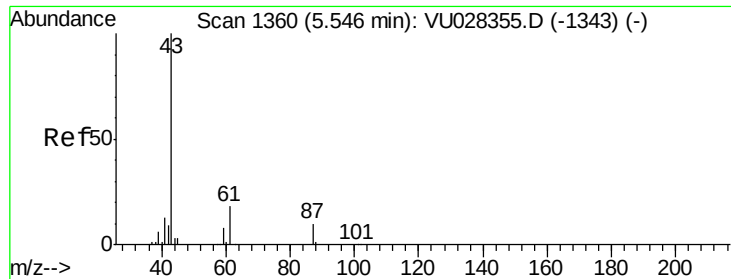
#35
 Dibromofluoromethane
 Concen: 49.902 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028433.D
 Acq: 03 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	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: 2.970 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU028433.D

Acq: 03 Dec 2018 12:03

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

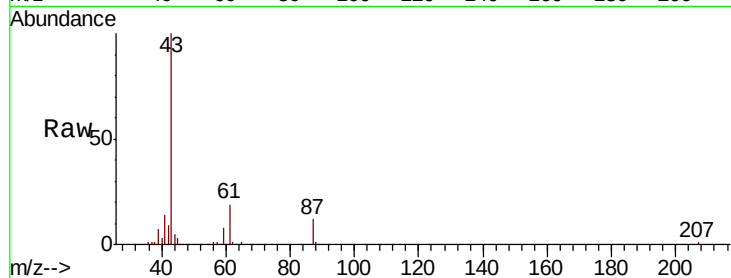
Tot Ion: 43 Resp: 40069

Ion Ratio Lower Upper

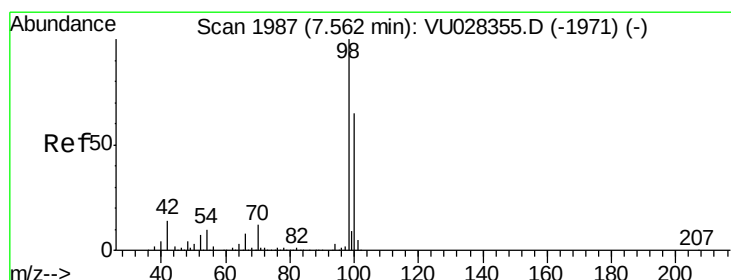
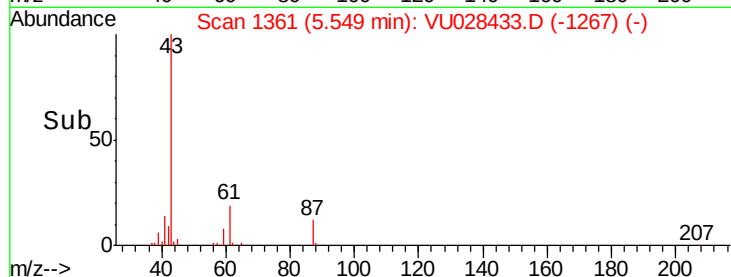
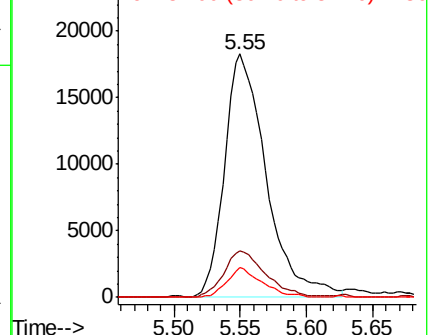
43 100

61 19.2 14.5 21.7

87 10.2 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: 48.553 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028433.D

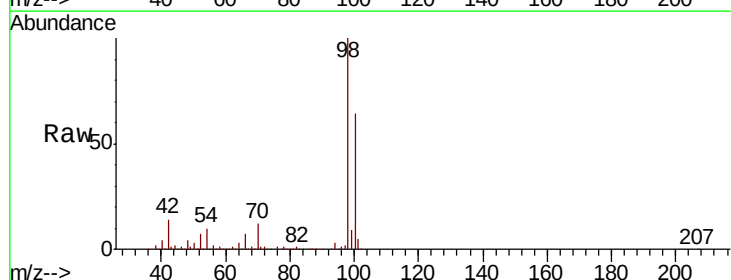
Acq: 03 Dec 2018 12:03

Tgt Ion: 98 Resp: 737279

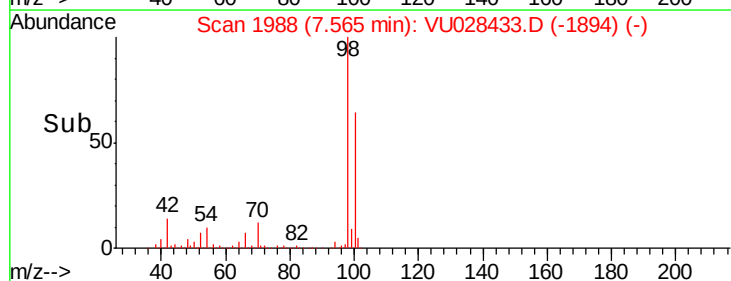
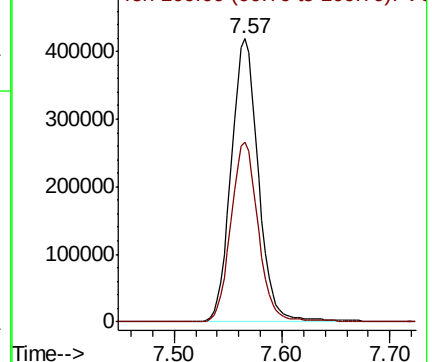
Ion Ratio Lower Upper

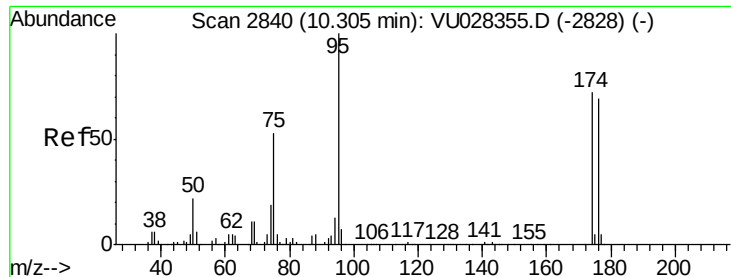
98 100

100 64.0 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: 49.023 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028433.D

Acq: 03 Dec 2018 12:03

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

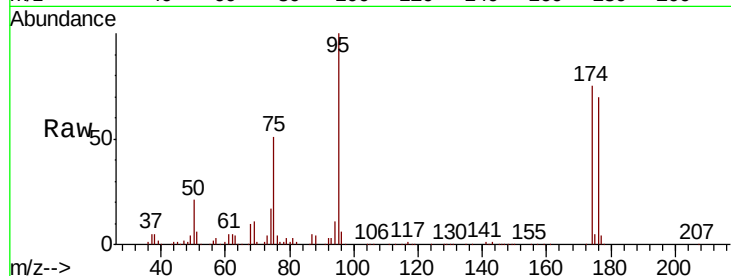
Tot Ion: 95 Resp: 268306

Ion Ratio Lower Upper

95 100

174 74.1 0.0 145.4

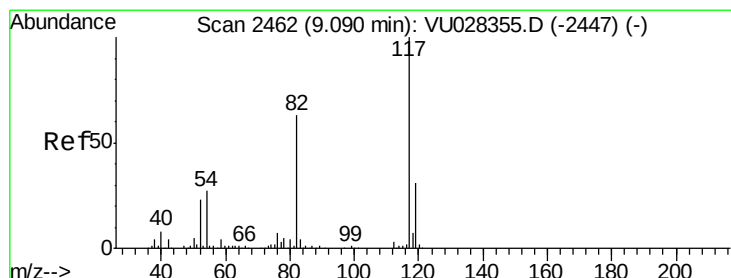
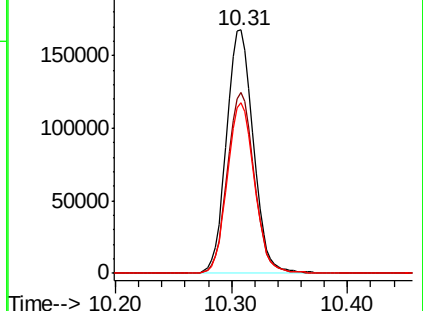
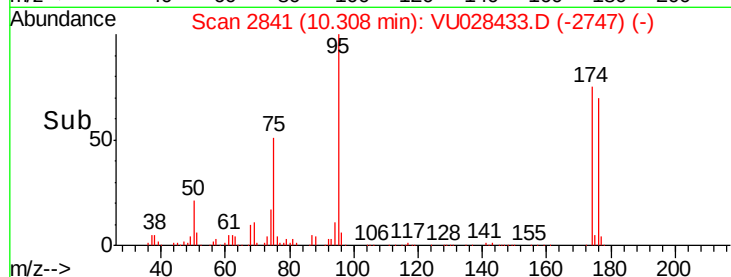
176 70.7 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028433.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU028433.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU028433.D (-2747) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028433.D

Acq: 03 Dec 2018 12:03

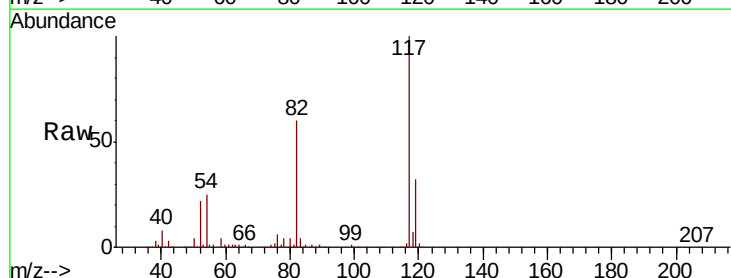
Tgt Ion: 117 Resp: 537348

Ion Ratio Lower Upper

117 100

82 60.2 50.3 75.5

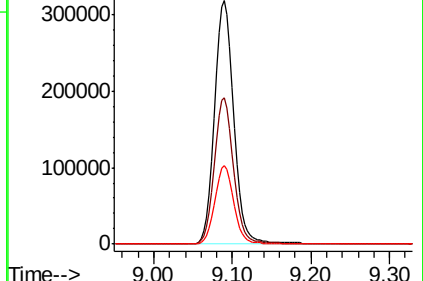
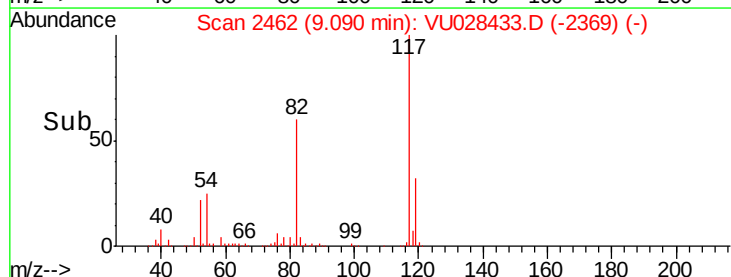
119 32.3 24.8 37.2

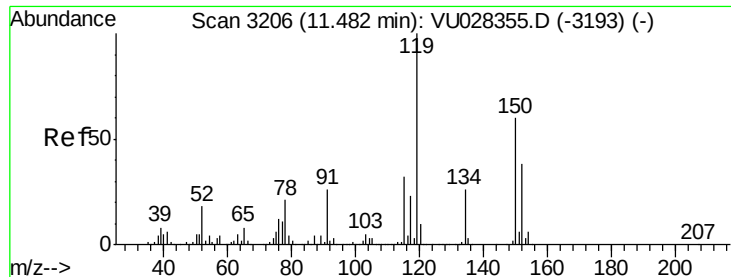


Abundance Ion 116.90 (116.60 to 117.60): VU028433.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028433.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028433.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: VU028433.D

Acq: 03 Dec 2018 12:03

Instrument :

MSVOA_U

ClientSampleId :

CB-1129-S-TCLP-GRID26-2

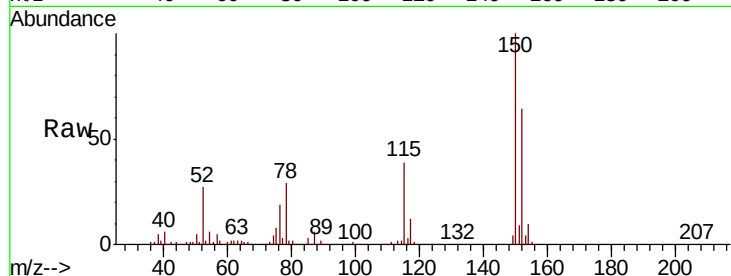
Tot Ion:152 Resp: 240481

Ion Ratio Lower Upper

152 100

115 61.4 45.0 134.8

150 155.7 0.0 349.2

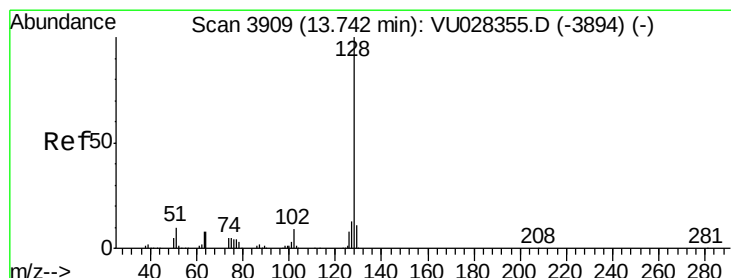
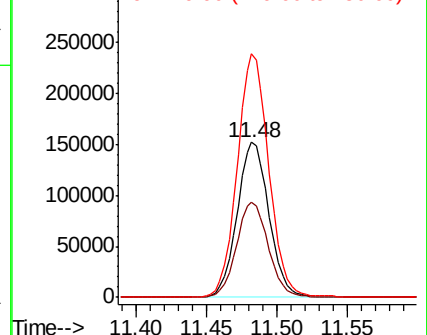
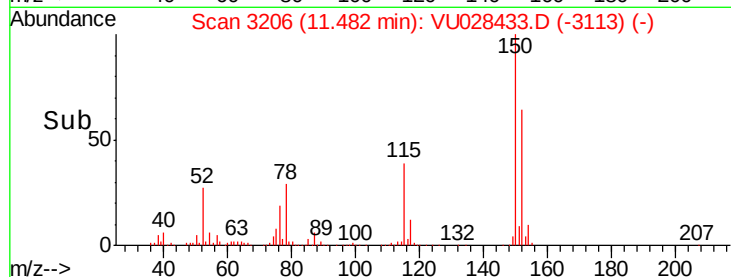


Abundance

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: VU028433.D

Acq: 03 Dec 2018 12:03

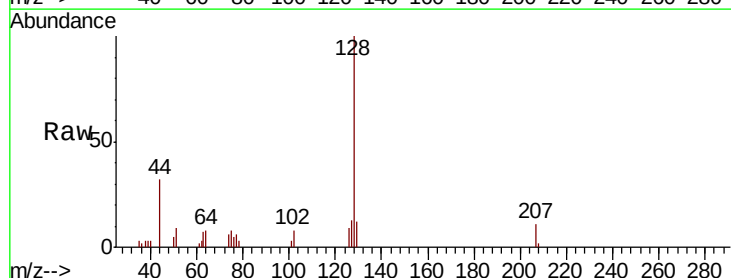
Tgt Ion:128 Resp: 11640

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 12.9 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

