

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092418\
 Data File : VU027115.D
 Acq On : 24 Sep 2018 17:41
 Operator : MD/SY
 Sample : J4973-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-2

Quant Time: Sep 25 02:51:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

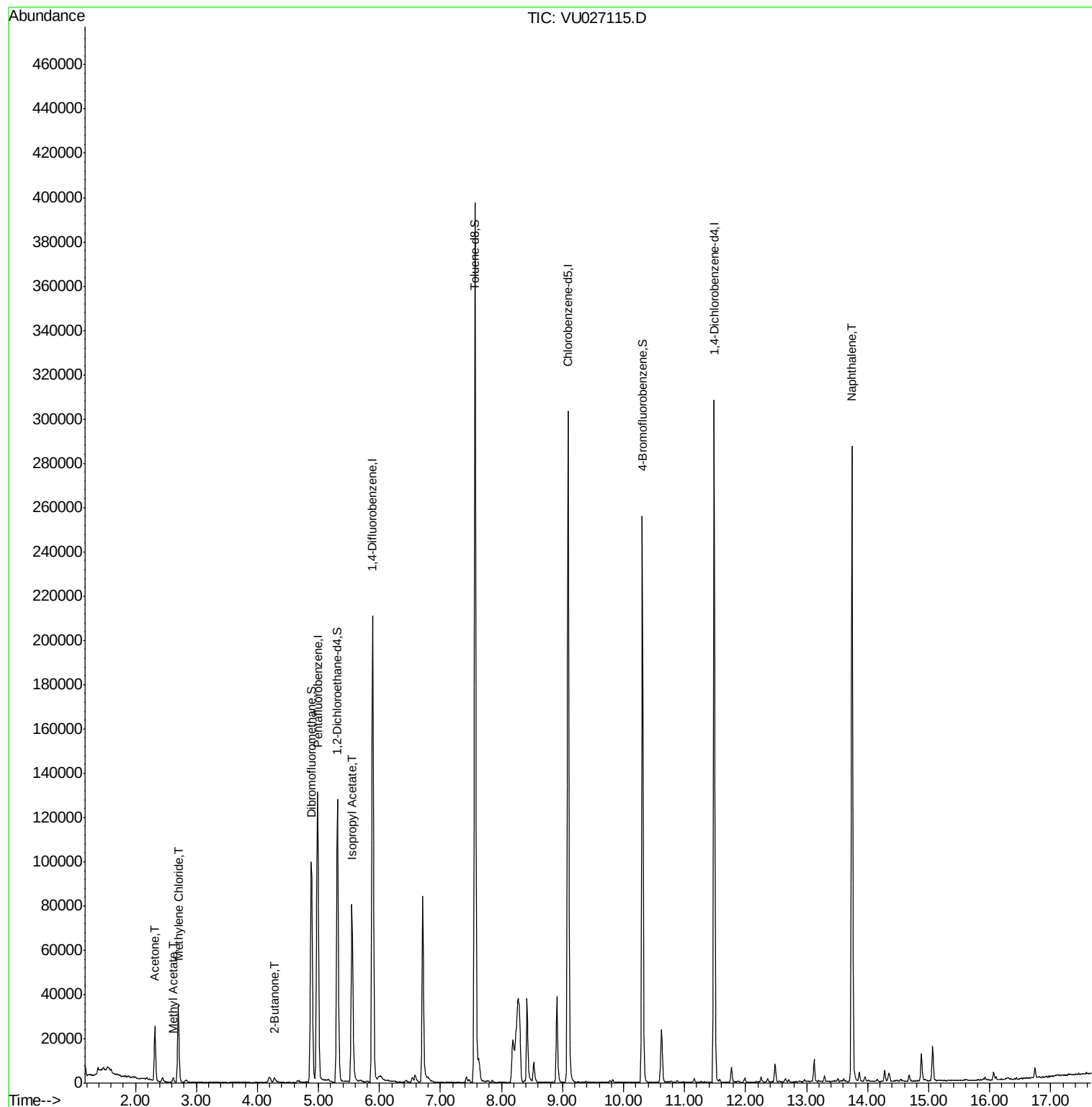
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	91933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	161256	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98616	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
35) Dibromofluoromethane	4.88	113	68983	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	7.57	98	261333	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	10.31	95	83768	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
Target Compounds						
16) Acetone	2.32	43	25591	10.119	ug/l	98
18) Methyl Acetate	2.62	43	3034	1.152	ug/l #	88
20) Methylene Chloride	2.70	84	13970	8.430	ug/l	93
25) 2-Butanone	4.28	43	4184	2.691	ug/l	92
43) Isopropyl Acetate	5.55	43	95231	22.413	ug/l	97
95) Naphthalene	13.74	128	206340	34.928	ug/l	99

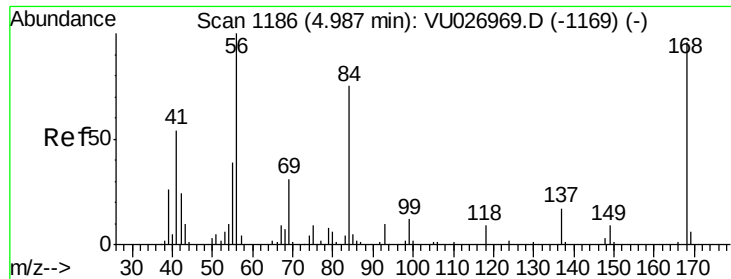
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092418\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027115.D

Acq: 24 Sep 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

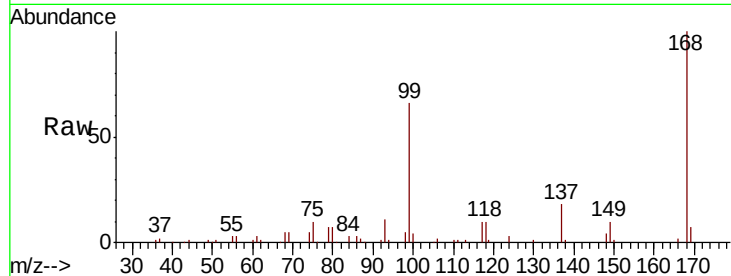
CB-0918-S-TCLP-GRID56-2

Tot Ion:168 Resp: 91933

Ion Ratio Lower Upper

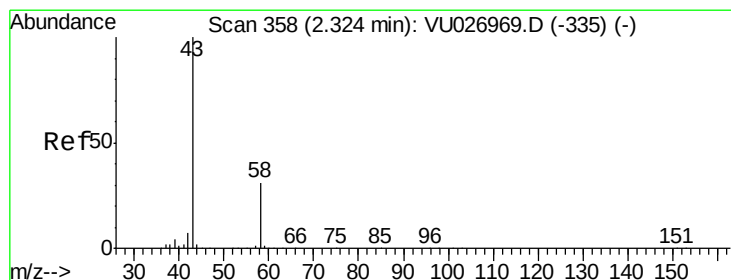
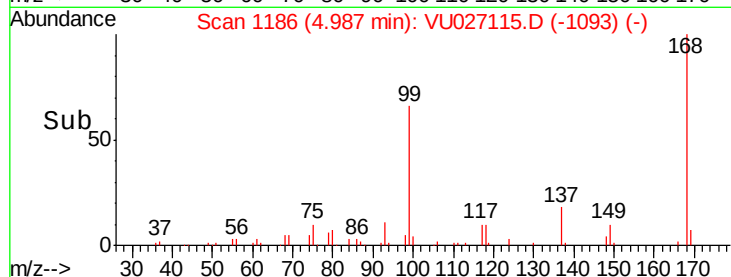
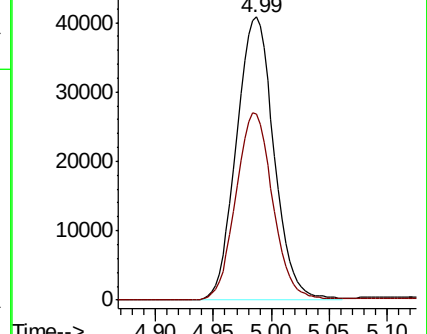
168 100

99 65.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#16

Acetone

Concen: 10.119 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027115.D

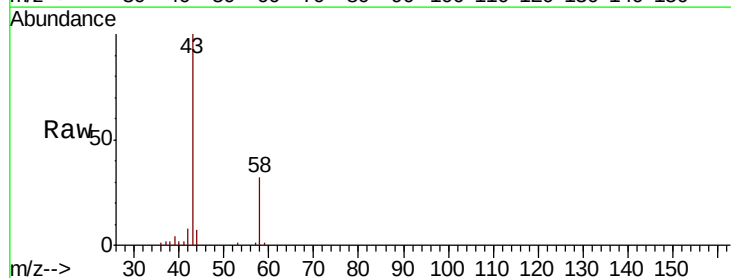
Acq: 24 Sep 2018 17:41

Tgt Ion: 43 Resp: 25591

Ion Ratio Lower Upper

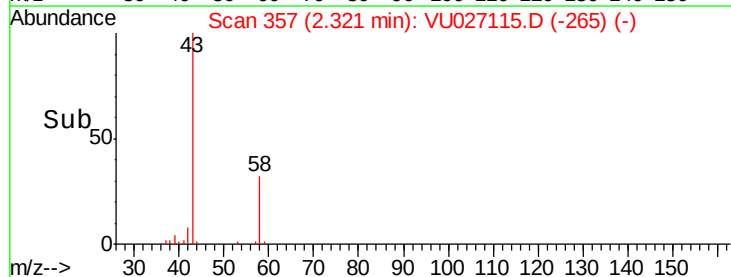
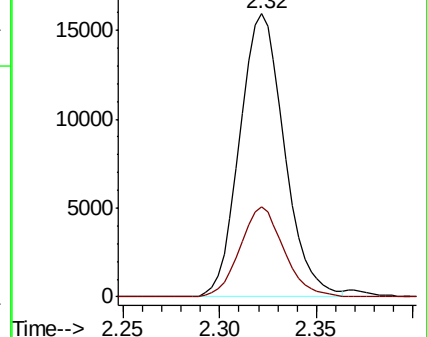
43 100

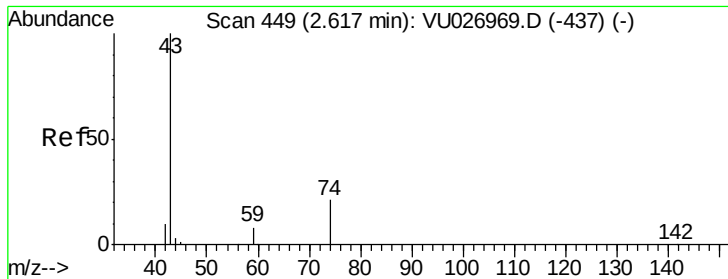
58 32.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-335) (-)

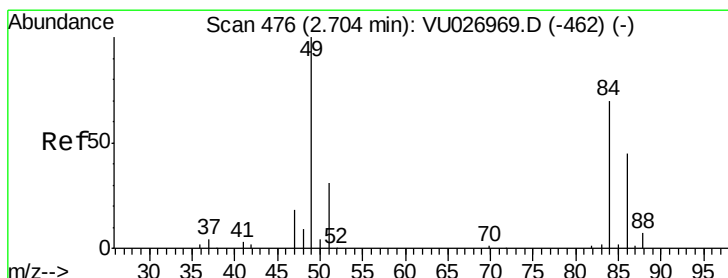
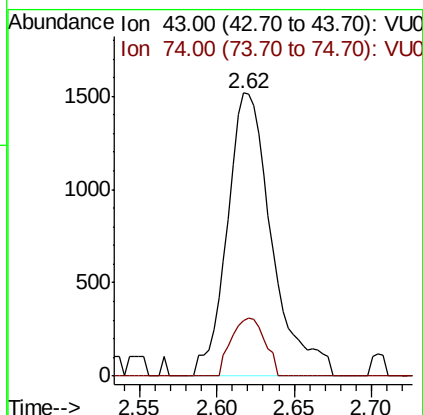
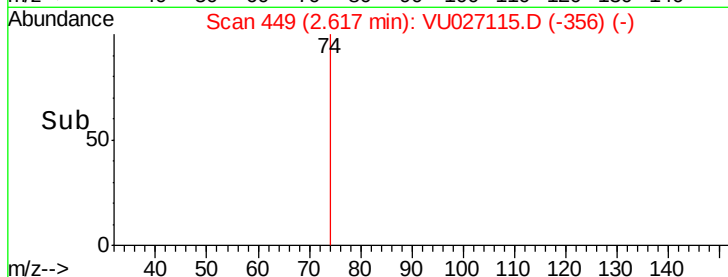
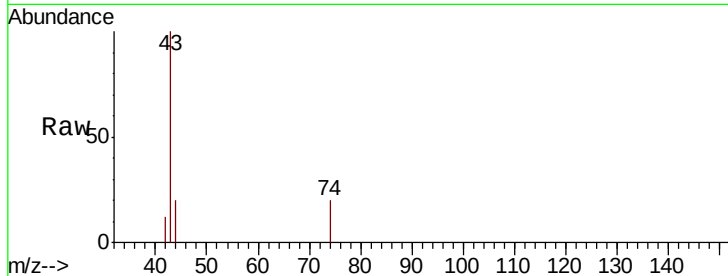




#18
Methyl Acetate
Concen: 1.152 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027115.D
Acq: 24 Sep 2018 17:41

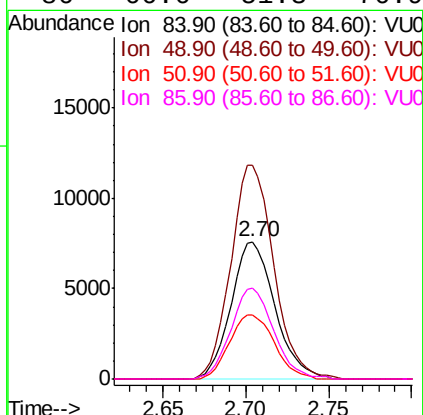
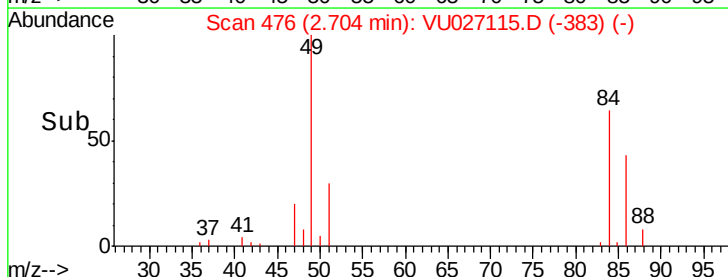
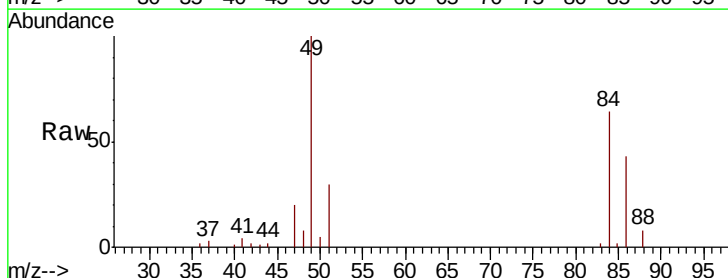
Instrument :
MSVOA_U
ClientSampleId :
CB-0918-S-TCLP-GRID56-2

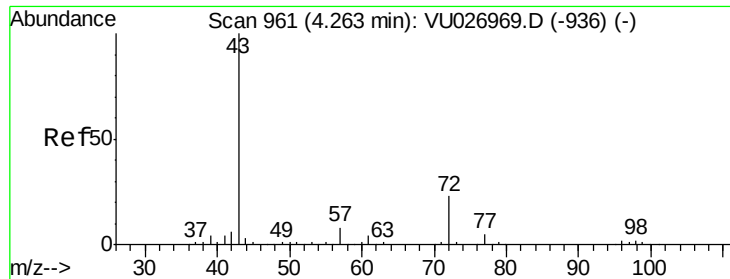
Tot Ion: 43 Resp: 3034
Ion Ratio Lower Upper
43 100
74 15.3 16.6 25.0#



#20
Methylene Chloride
Concen: 8.430 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027115.D
Acq: 24 Sep 2018 17:41

Tgt Ion: 84 Resp: 13970
Ion Ratio Lower Upper
84 100
49 155.8 114.9 172.3
51 46.2 35.8 53.8
86 66.6 51.3 76.9





#25

2-Butanone

Concen: 2.691 ug/l

RT: 4.28 min Scan# 966

Delta R.T. 0.02 min

Lab File: VU027115.D

Acq: 24 Sep 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

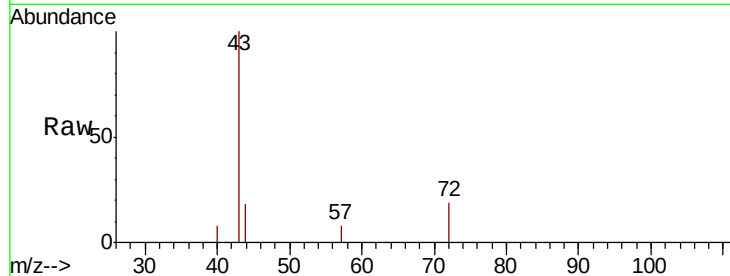
CB-0918-S-TCLP-GRID56-2

Tot Ion: 43 Resp: 4184

Ion Ratio Lower Upper

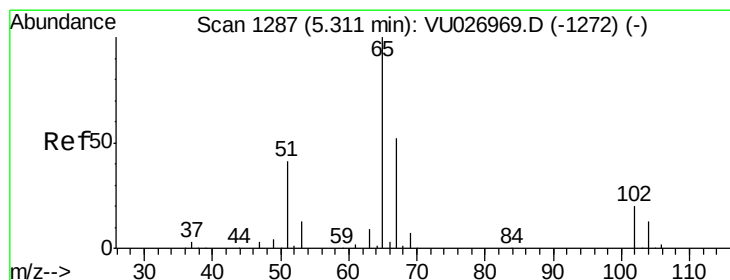
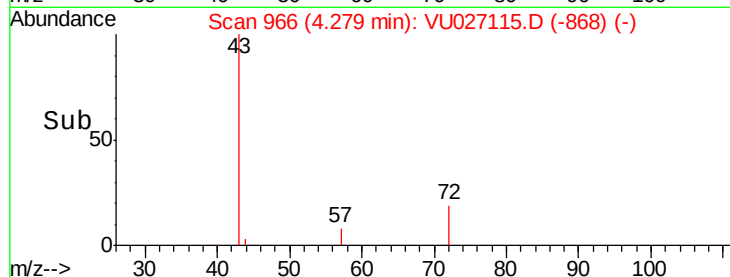
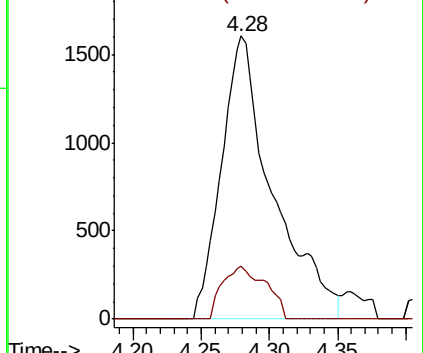
43 100

72 18.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 53.297 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027115.D

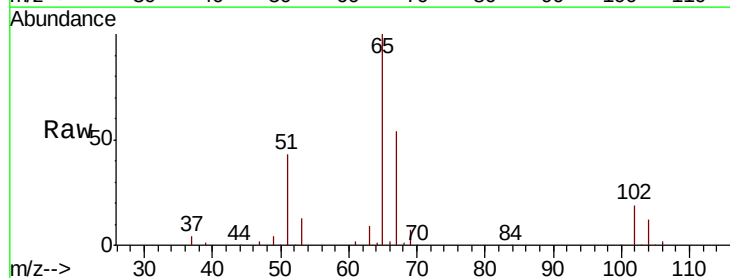
Acq: 24 Sep 2018 17:41

Tgt Ion: 65 Resp: 98616

Ion Ratio Lower Upper

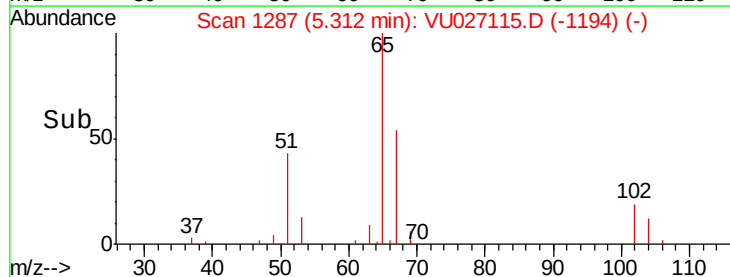
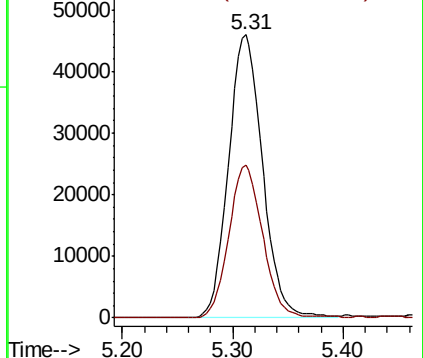
65 100

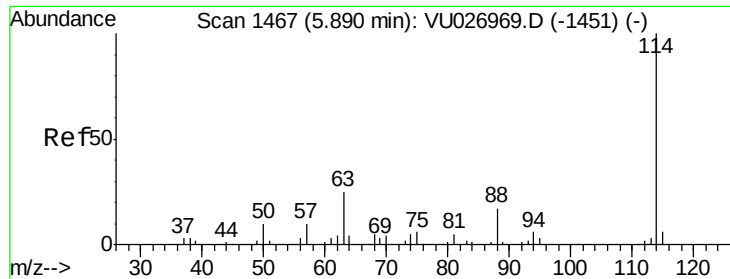
67 53.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

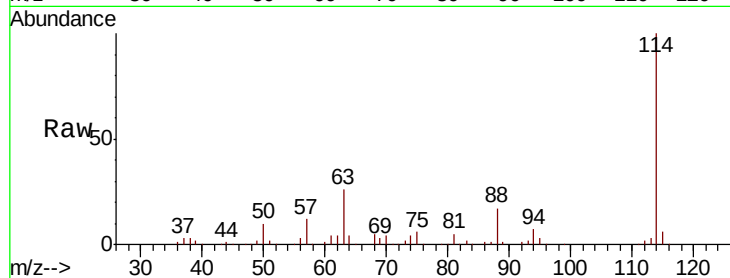




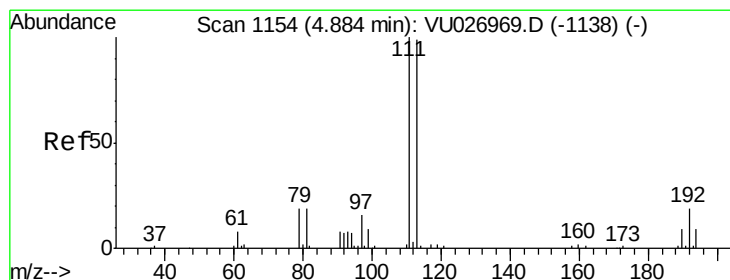
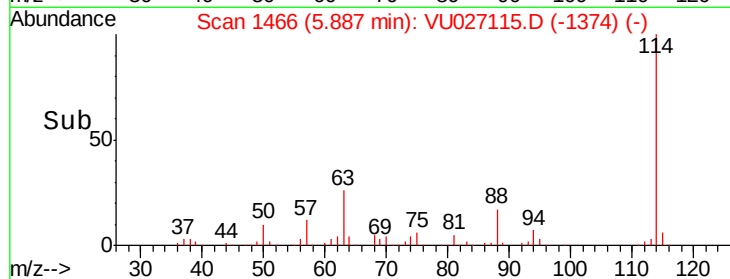
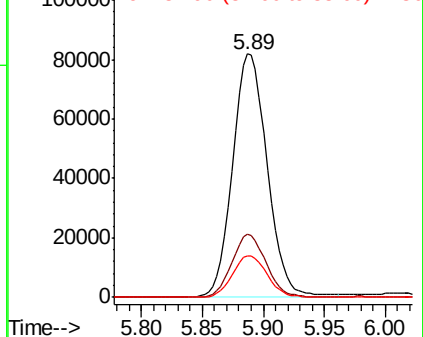
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027115.D
 Acq: 24 Sep 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-2

Tot Ion:114 Resp: 161256
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 49.2
 88 17.2 0.0 33.8

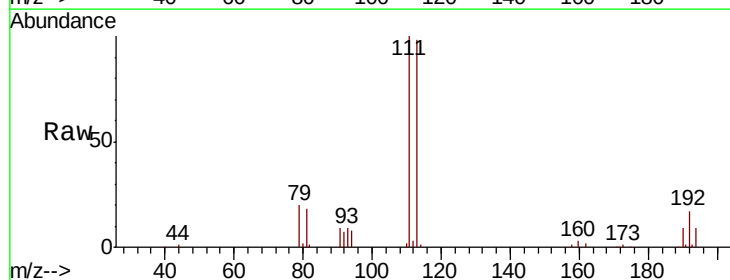


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

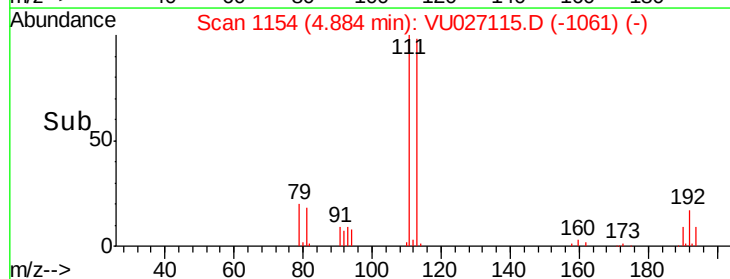
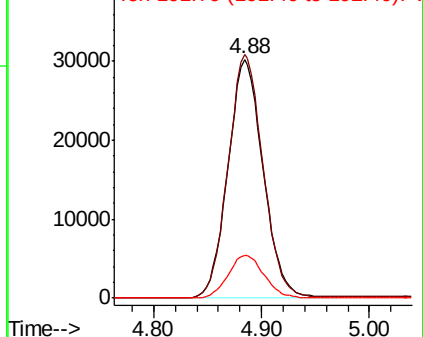


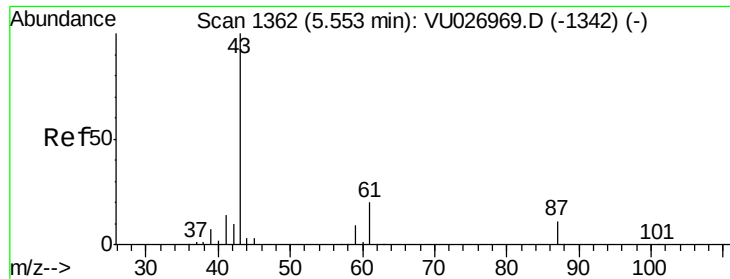
#35
 Dibromofluoromethane
 Concen: 49.352 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027115.D
 Acq: 24 Sep 2018 17:41

Tgt Ion:113 Resp: 68983
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.2 123.4
 192 18.2 15.2 22.8



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: 22.413 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027115.D

Acq: 24 Sep 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

CB-0918-S-TCLP-GRID56-2

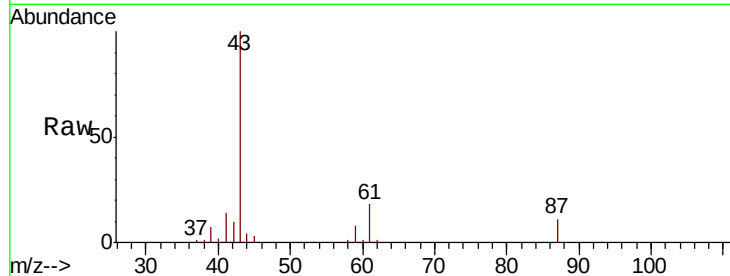
Tot Ion: 43 Resp: 95231

Ion Ratio Lower Upper

43 100

61 18.1 15.7 23.5

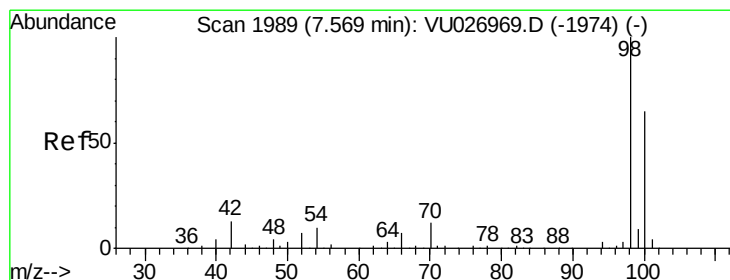
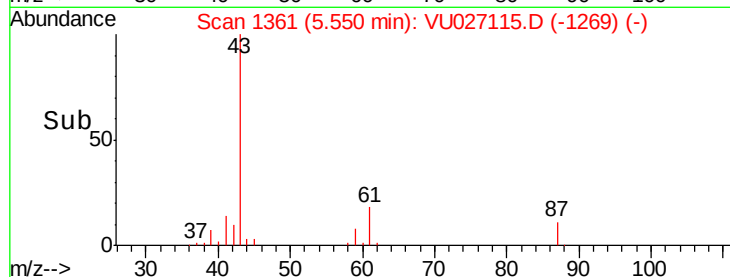
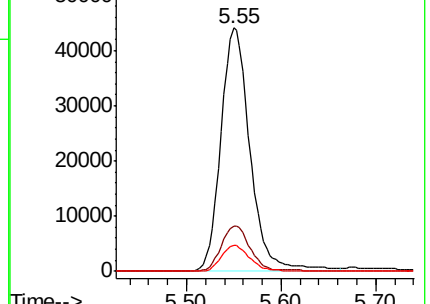
87 10.3 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



#50

Toluene-d8

Concen: 49.059 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027115.D

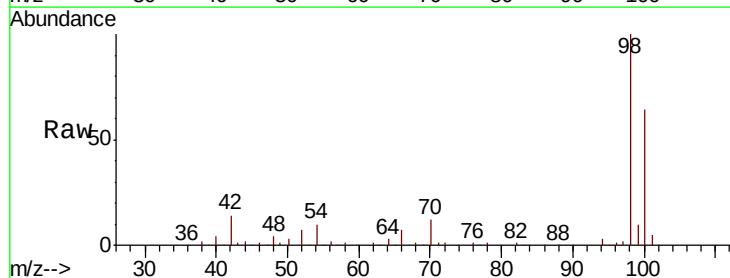
Acq: 24 Sep 2018 17:41

Tgt Ion: 98 Resp: 261333

Ion Ratio Lower Upper

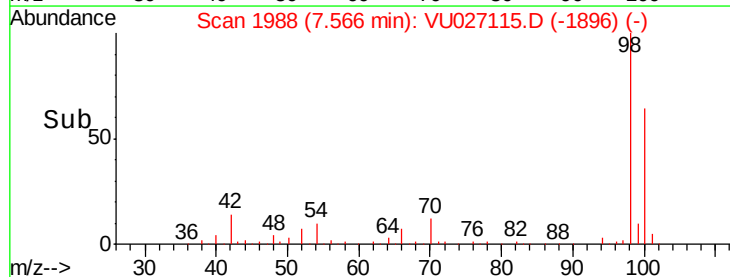
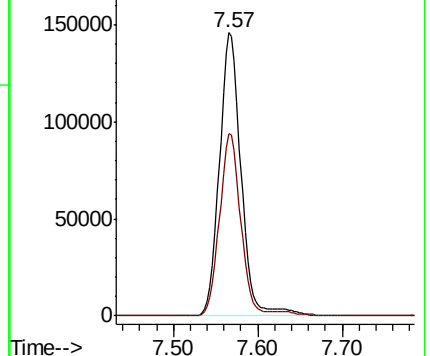
98 100

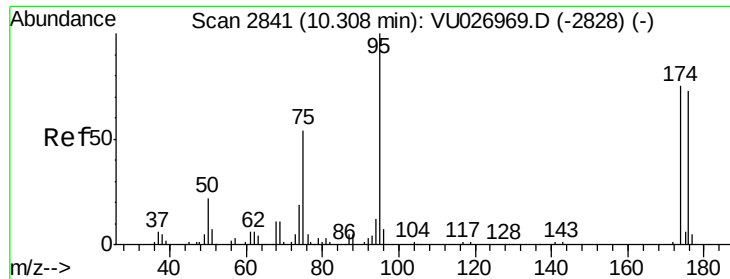
100 62.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)





#62

4-Bromofluorobenzene

Concen: 45.829 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027115.D

Acq: 24 Sep 2018 17:41

Instrument :

MSVOA_U

ClientSampleId :

CB-0918-S-TCLP-GRID56-2

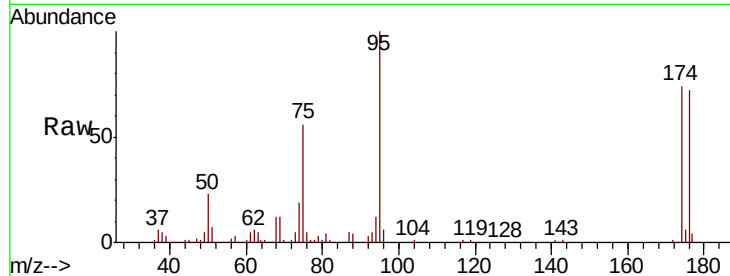
Tot Ion: 95 Resp: 83768

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.2

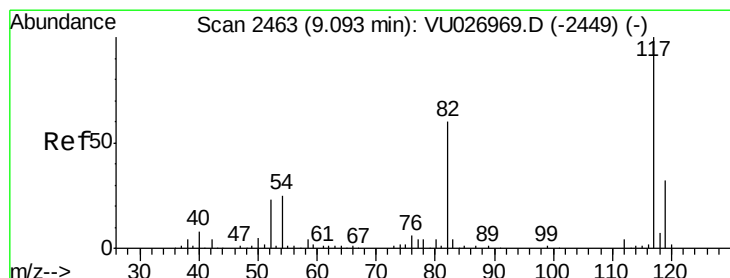
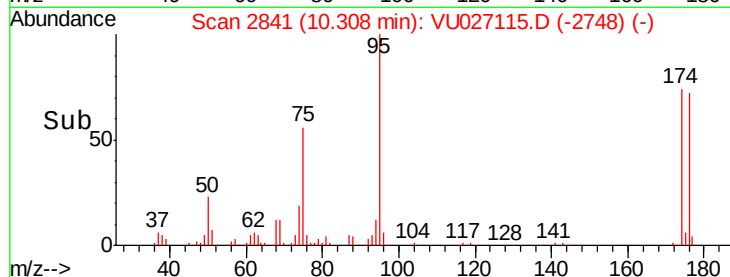
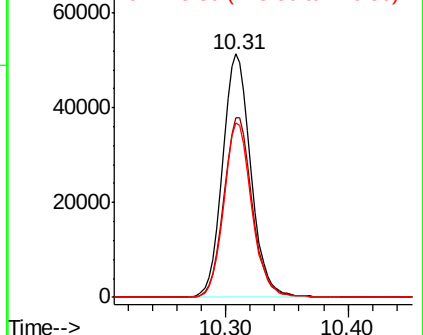
176 70.7 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027115.D

Acq: 24 Sep 2018 17:41

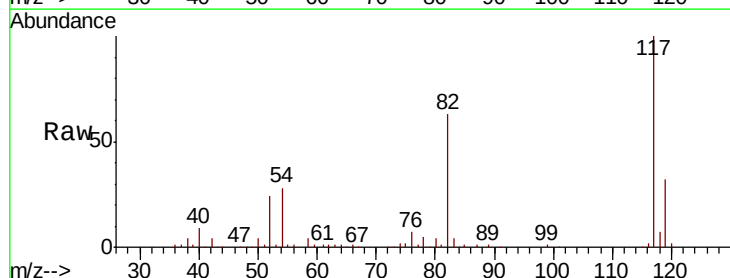
Tgt Ion: 117 Resp: 156060

Ion Ratio Lower Upper

117 100

82 63.3 48.0 72.0

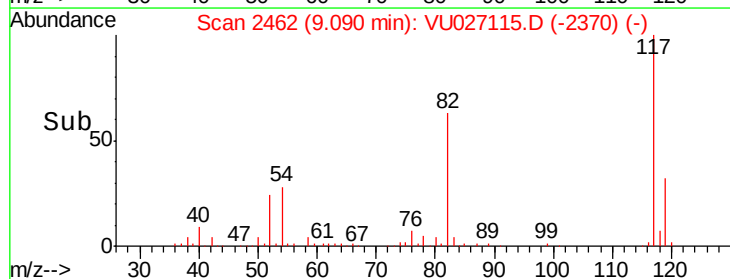
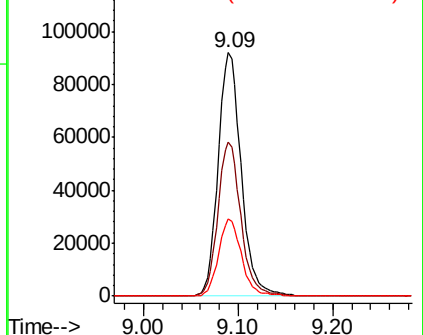
119 31.7 25.8 38.8

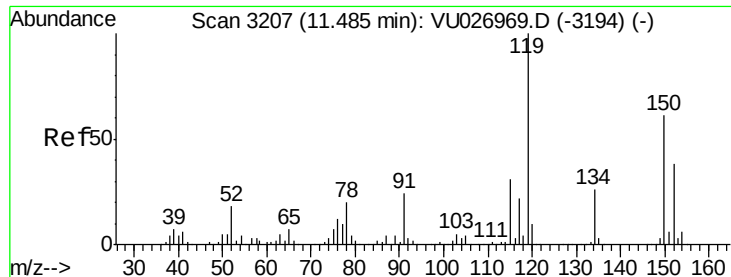


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



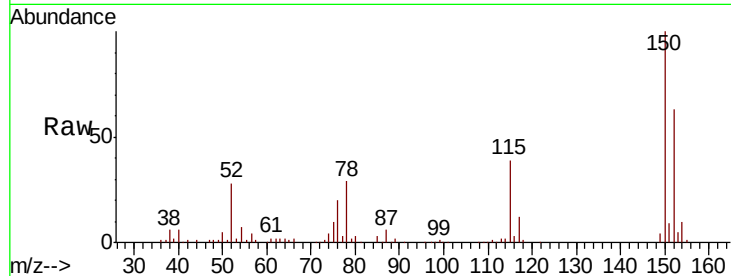


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027115.D
 Acq: 24 Sep 2018 17:41

Instrument :
 MSVOA_U
 ClientSampleId :
 CB-0918-S-TCLP-GRID56-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.9	134.5
150	159.4	0.0	355.8

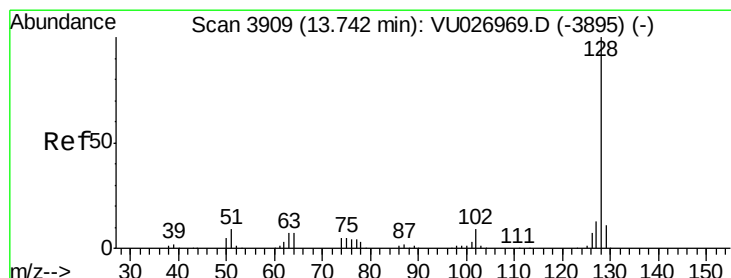
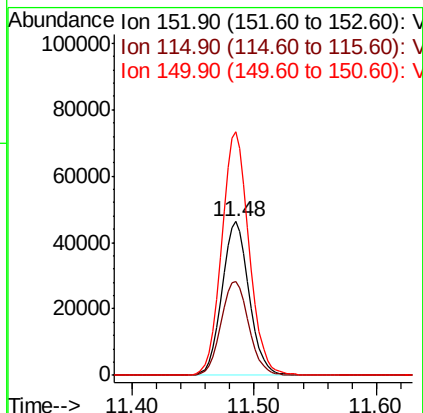
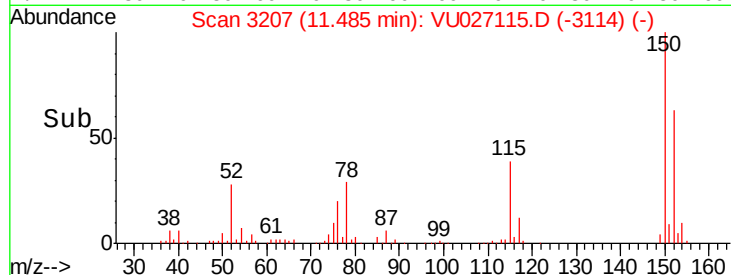


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

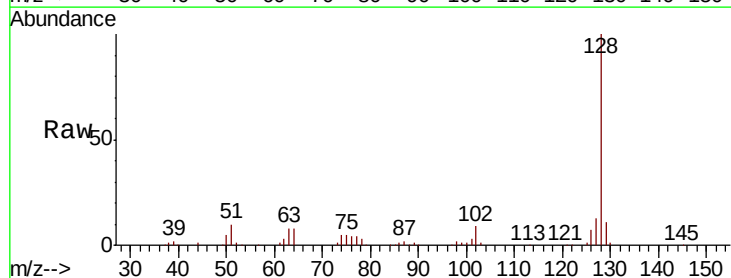
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
 Concen: 34.928 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU027115.D
 Acq: 24 Sep 2018 17:41

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	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

