

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100618\
 Data File : VU027471.D
 Acq On : 05 Oct 2018 22:16
 Operator : MD/SY
 Sample : J5237-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BSS-GW1

Quant Time: Oct 06 00:31:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	98214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181204	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	173479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	94348	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	96494	58.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.68%	
35) Dibromofluoromethane	4.89	113	67257	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
50) Toluene-d8	7.57	98	276479	59.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.98%	
62) 4-Bromofluorobenzene	10.31	95	100641	58.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.52%	

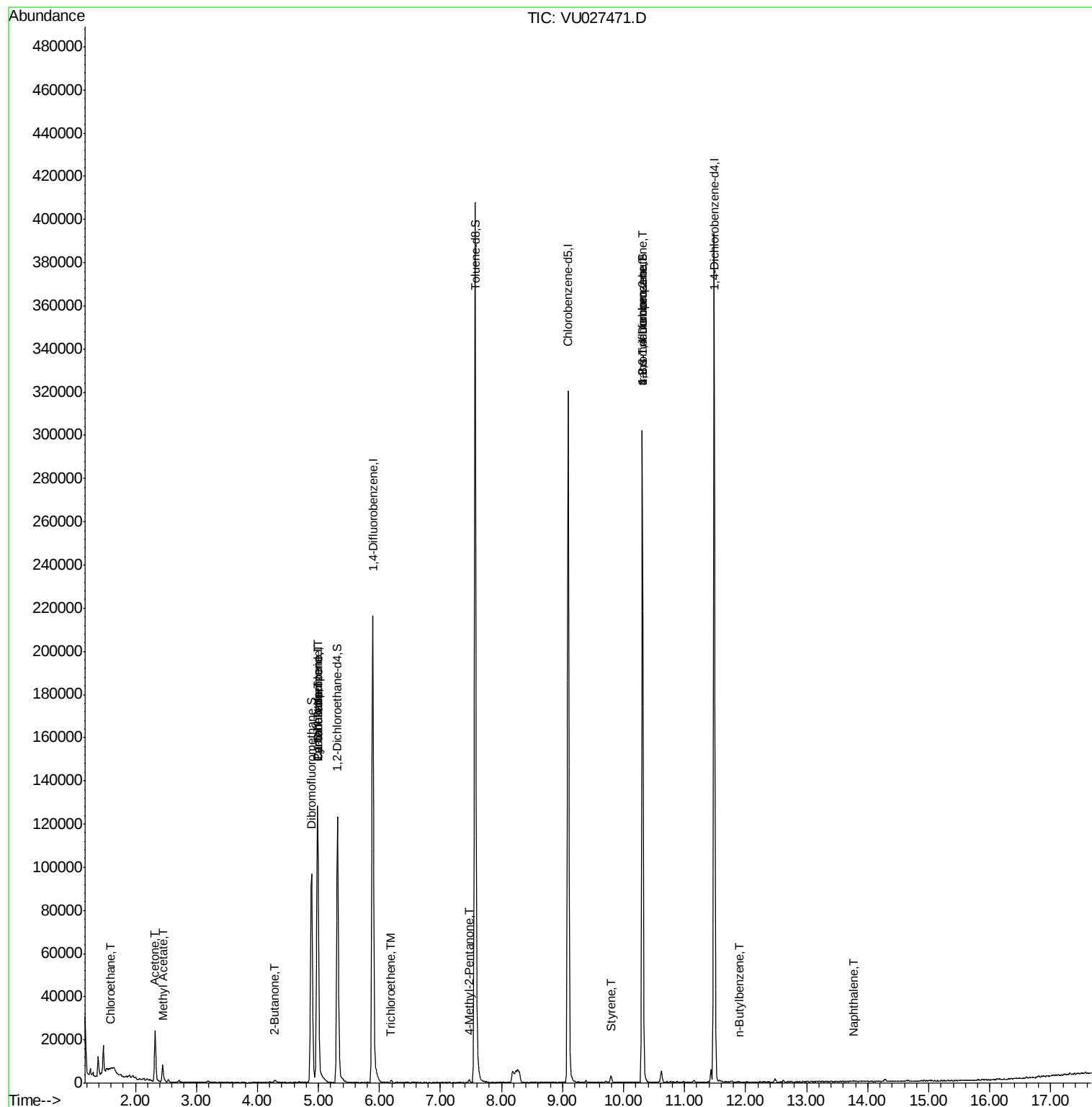
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.59	64	4800	4.433	ug/l #	63
16) Acetone	2.32	43	25053	25.859	ug/l	99
18) Methyl Acetate	2.45	43	2027	0.917	ug/l #	56
25) 2-Butanone	4.29	43	2346	1.776	ug/l	95
31) Cyclohexane	4.98	56	2121	0.571	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	9036	4.593	ug/l #	48
38) Carbon Tetrachloride	4.99	117	9724	5.471	ug/l #	18
44) Trichloroethene	6.19	130	413	0.323	ug/l	94
51) 4-Methyl-2-Pentanone	7.47	43	1516	0.591	ug/l #	75
70) Styrene	9.80	104	1162	2.563	ug/l	87
76) 1,2,3-Trichloropropane	10.31	75	52424	21.435	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	52424	56.098	ug/l #	100
89) n-Butylbenzene	11.89	91	75	1.961	ug/l #	33
95) Naphthalene	13.75	128	440	1.720	ug/l #	69

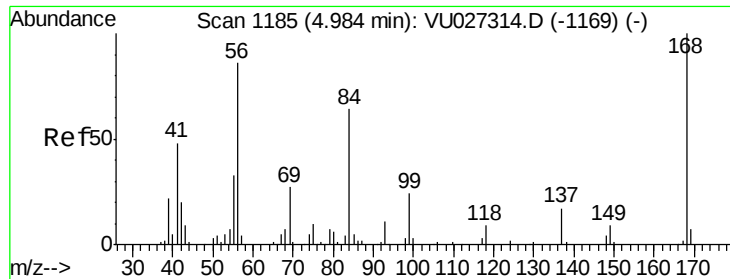
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027471.D

Acq: 05 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

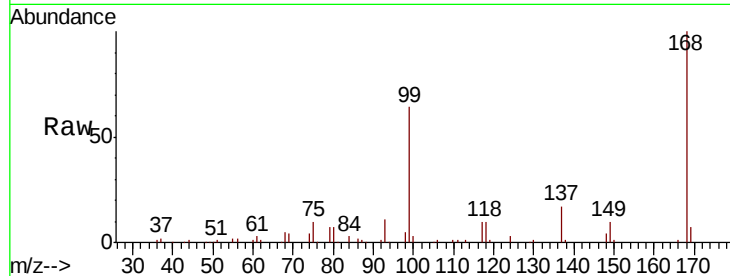
BSS-GW1

Tgt Ion:168 Resp: 98214

Ion Ratio Lower Upper

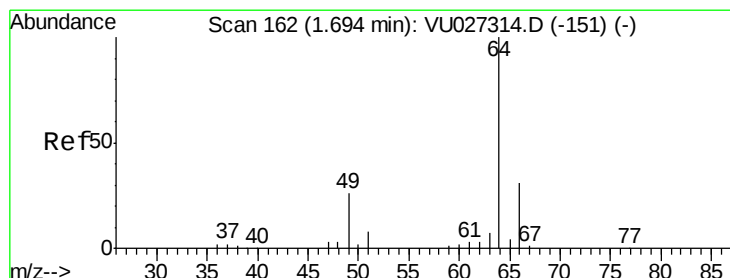
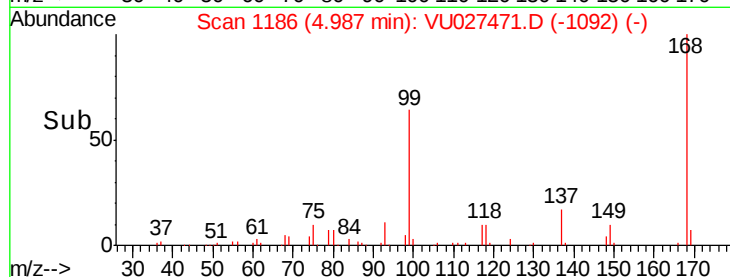
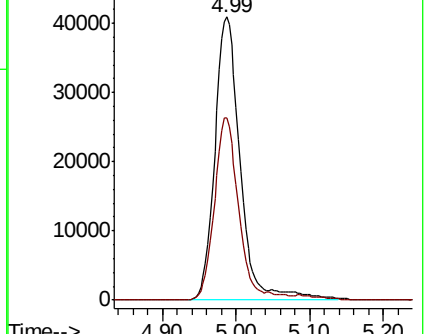
168 100

99 64.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)



#6

Chloroethane

Concen: 4.433 ug/l

RT: 1.59 min Scan# 128

Delta R.T. -0.11 min

Lab File: VU027471.D

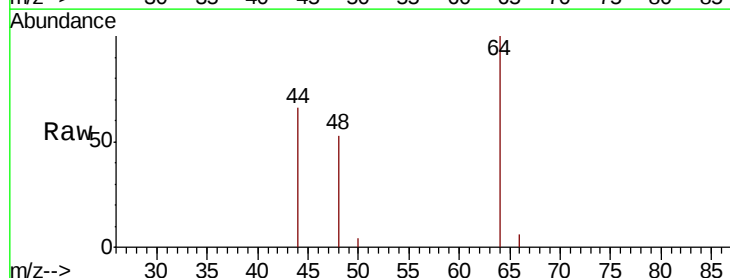
Acq: 05 Oct 2018 22:16

Tgt Ion: 64 Resp: 4800

Ion Ratio Lower Upper

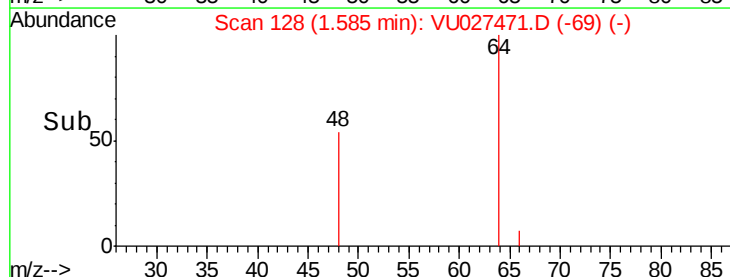
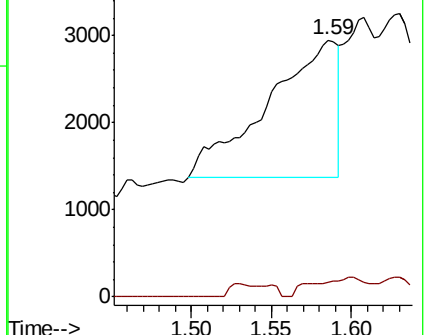
64 100

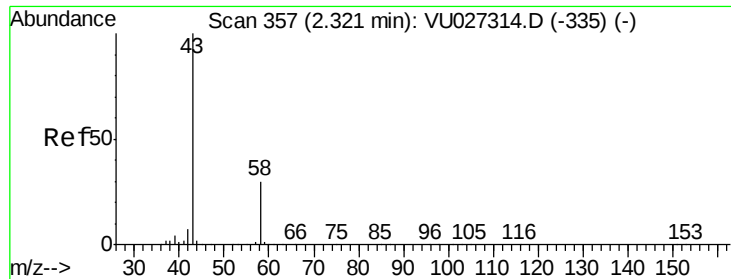
66 10.5 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)





#16

Acetone

Concen: 25.859 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027471.D

Acq: 05 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

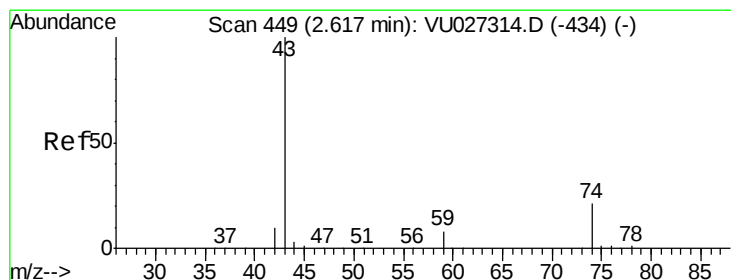
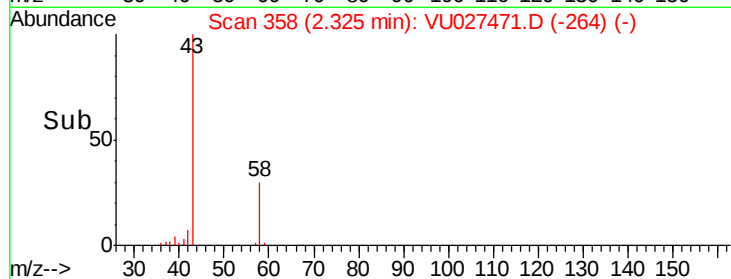
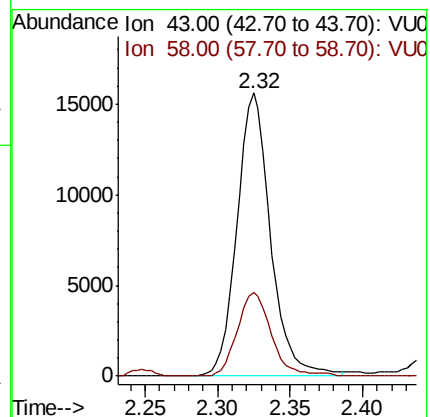
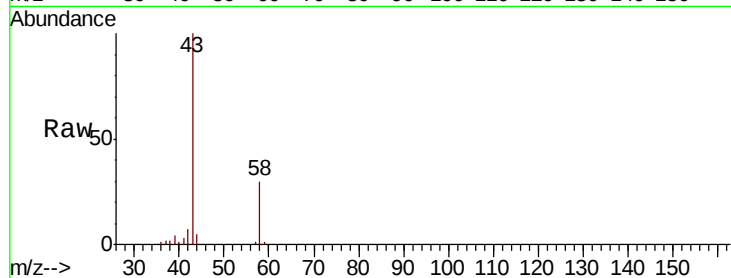
BSS-GW1

Tgt Ion: 43 Resp: 25053

Ion Ratio Lower Upper

43 100

58 29.7 24.2 36.4



#18

Methyl Acetate

Concen: 0.917 ug/l

RT: 2.45 min Scan# 397

Delta R.T. -0.17 min

Lab File: VU027471.D

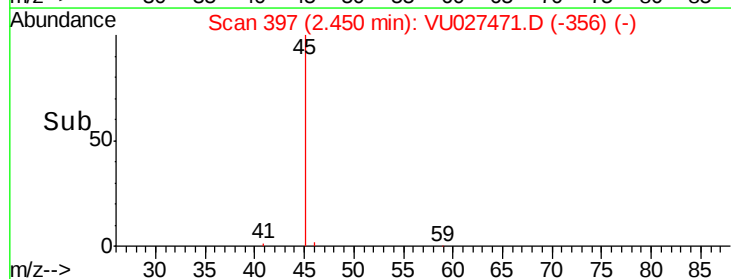
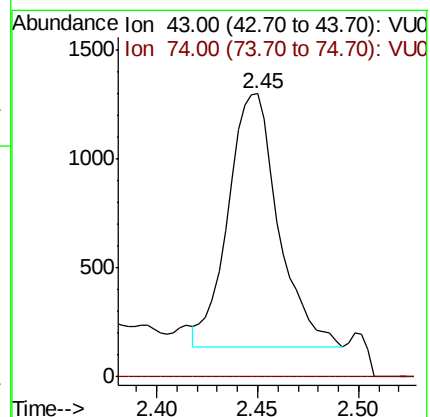
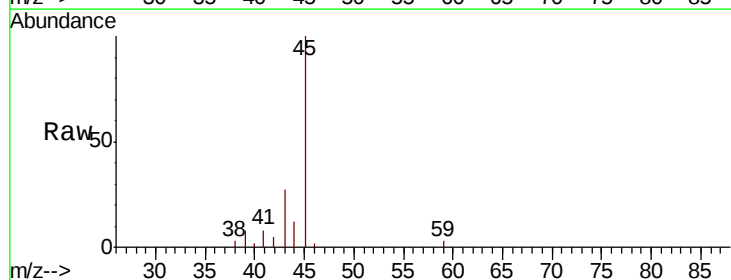
Acq: 05 Oct 2018 22:16

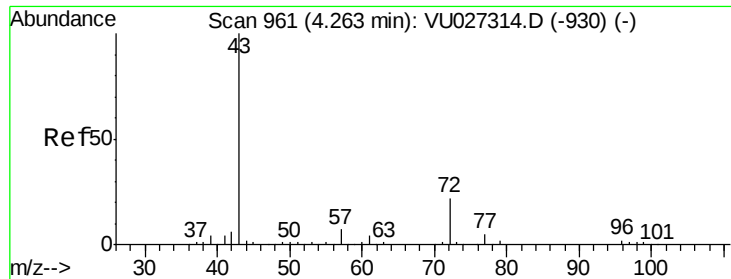
Tgt Ion: 43 Resp: 2027

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#





#25

2-Butanone

Concen: 1.776 ug/l

RT: 4.29 min Scan# 968

Delta R.T. 0.02 min

Lab File: VU027471.D

Acq: 05 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

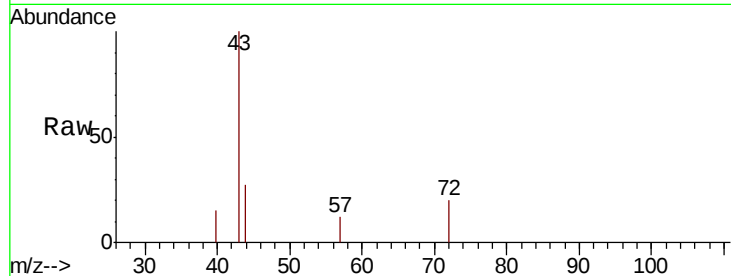
BSS-GW1

Tgt Ion: 43 Resp: 2346

Ion Ratio Lower Upper

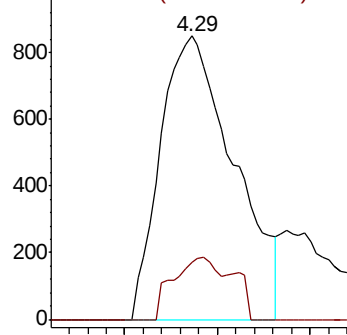
43 100

72 20.0 17.8 26.6

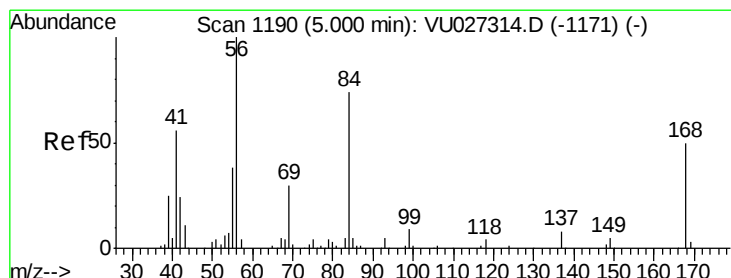
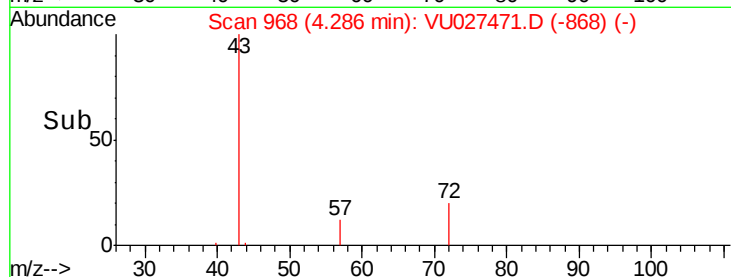


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->



#31

Cyclohexane

Concen: 0.571 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU027471.D

Acq: 05 Oct 2018 22:16

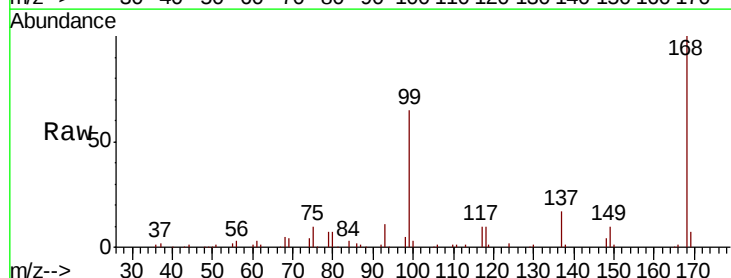
Tgt Ion: 56 Resp: 2121

Ion Ratio Lower Upper

56 100

69 161.2 24.1 36.1#

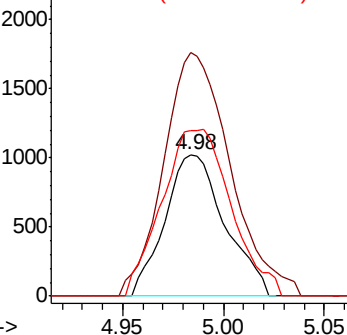
84 116.8 59.1 88.7#



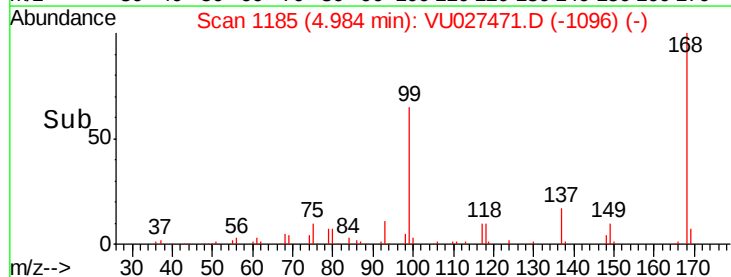
Abundance Ion 56.00 (55.70 to 56.70): VU0

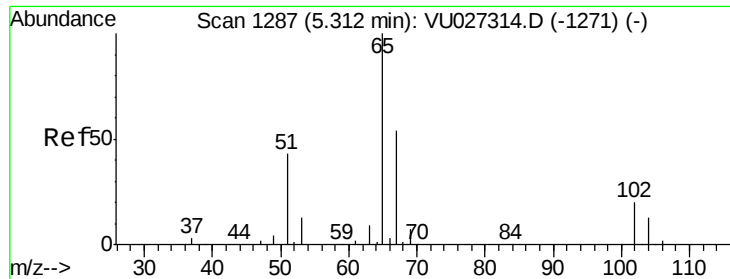
Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



Time-->

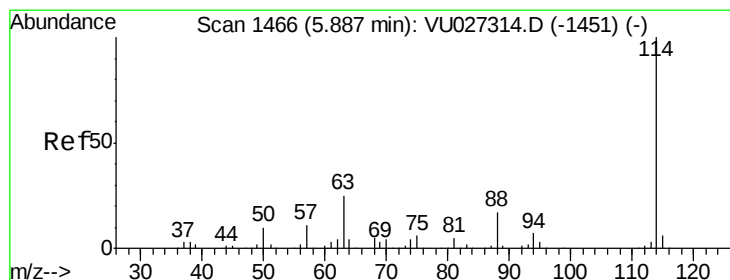
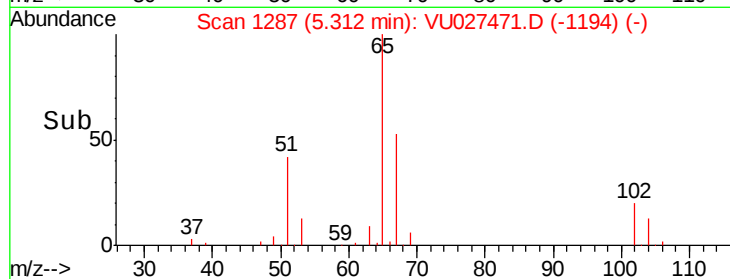
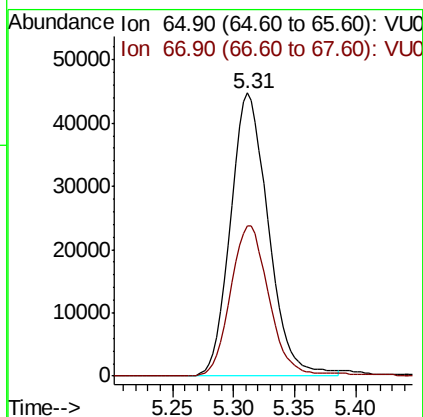
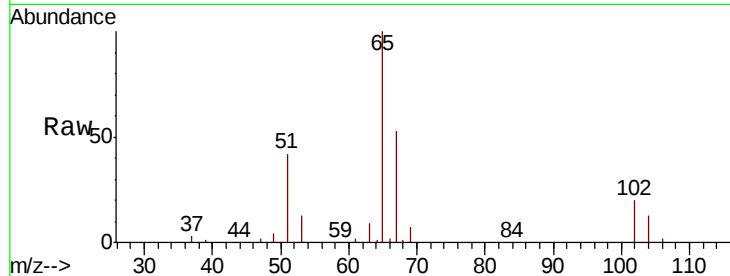




#33
 1,2-Dichloroethane-d4
 Concen: 58.838 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027471.D
 Acq: 05 Oct 2018 22:16

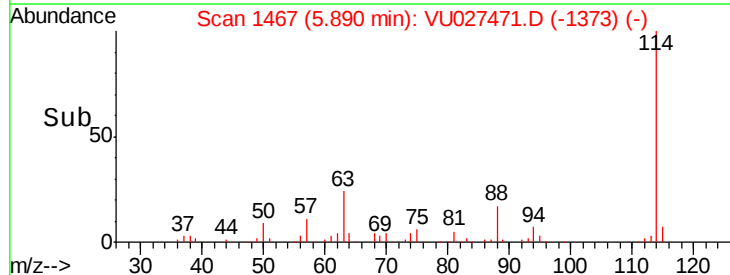
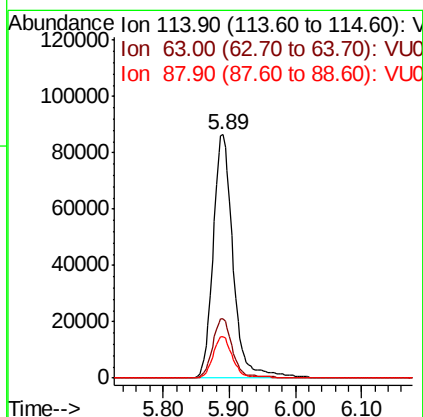
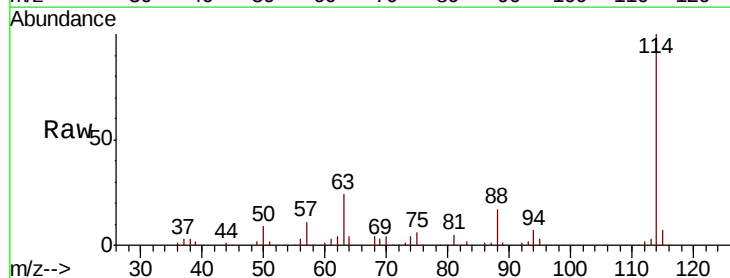
Instrument :
 MSVOA_U
 ClientSampled :
 BSS-GW1

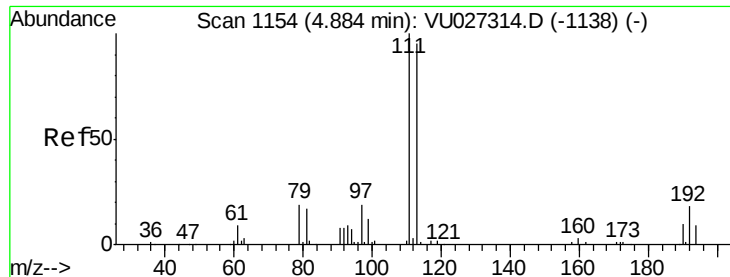
Tgt Ion: 65 Resp: 96494
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027471.D
 Acq: 05 Oct 2018 22:16

Tgt Ion: 114 Resp: 181204
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.2
 88 17.2 0.0 33.8

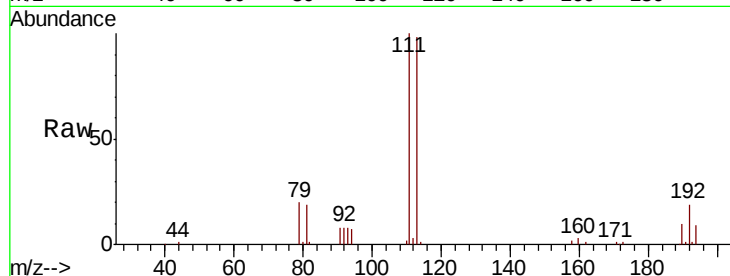




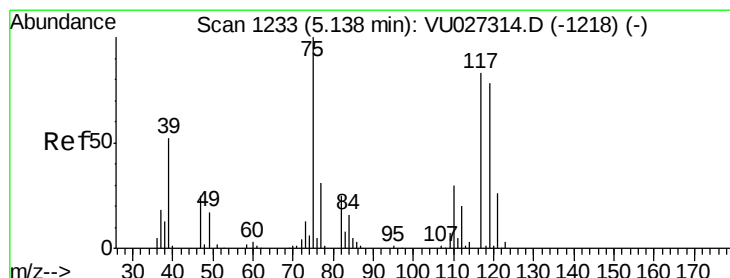
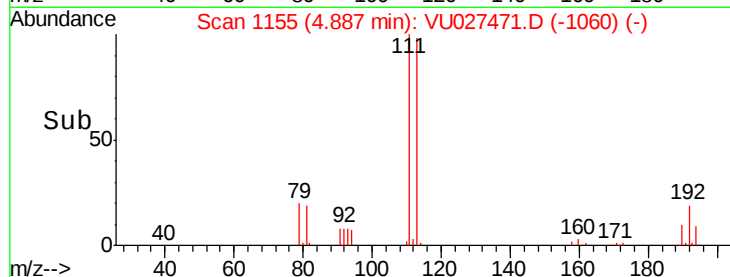
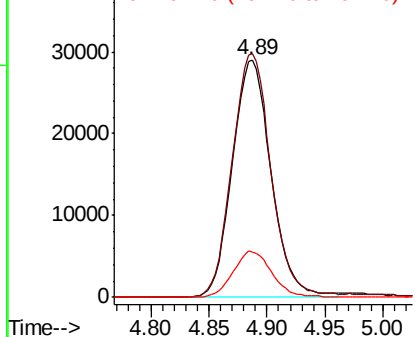
#35
 Dibromofluoromethane
 Concen: 54.159 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027471.D
 Acq: 05 Oct 2018 22:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BSS-GW1

Tgt Ion:113 Resp: 67257
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.1 124.7
 192 19.4 15.4 23.0

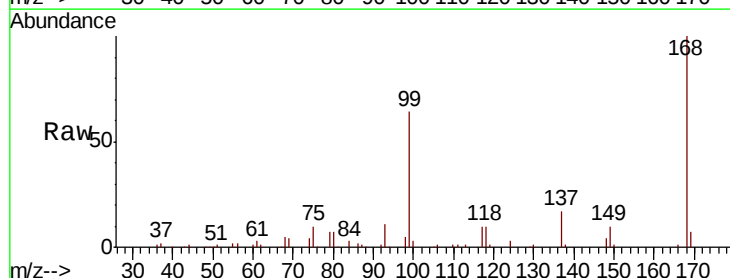


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

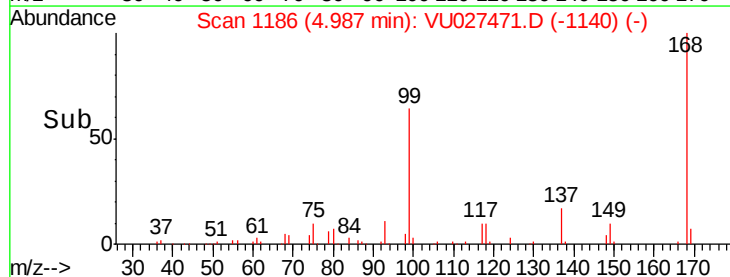
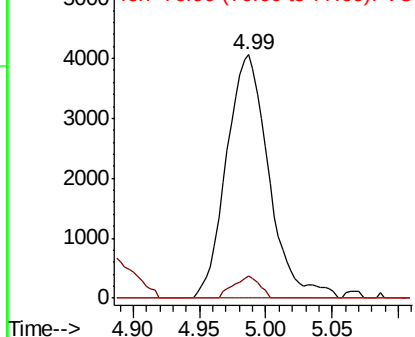


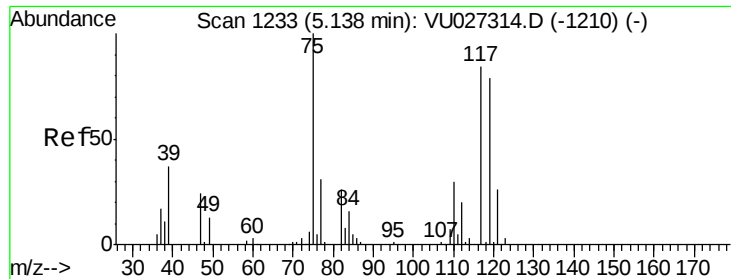
#36
 1,1-Dichloropropene
 Concen: 4.593 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027471.D
 Acq: 05 Oct 2018 22:16

Tgt Ion: 75 Resp: 9036
 Ion Ratio Lower Upper
 75 100
 110 5.5 15.5 46.5#
 77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 5.471 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.15 min

Lab File: VU027471.D

Acq: 05 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

BSS-GW1

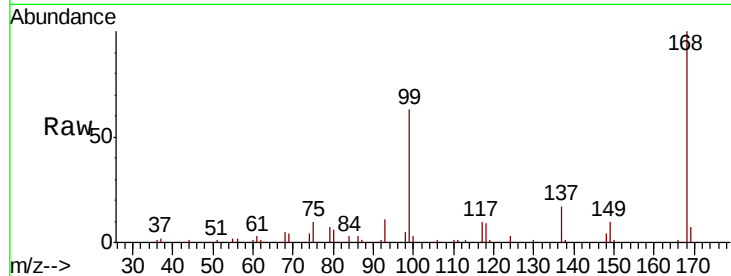
Tgt Ion:117 Resp: 9724

Ion Ratio Lower Upper

117 100

119 6.8 74.5 111.7#

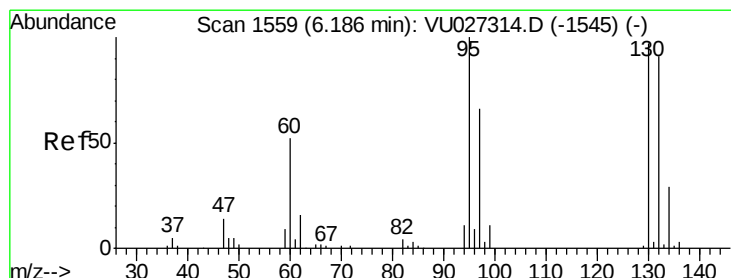
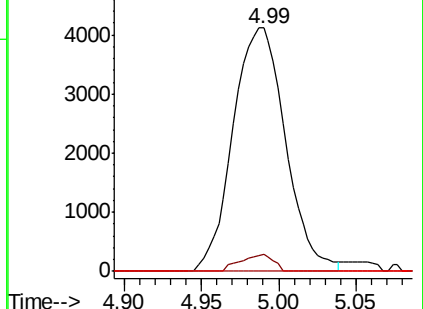
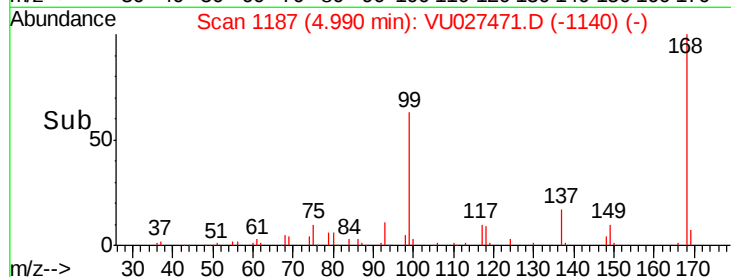
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.323 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU027471.D

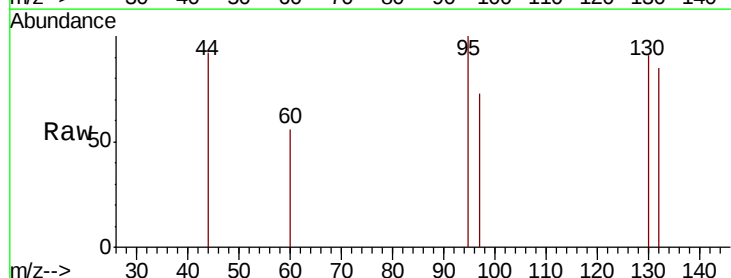
Acq: 05 Oct 2018 22:16

Tgt Ion:130 Resp: 413

Ion Ratio Lower Upper

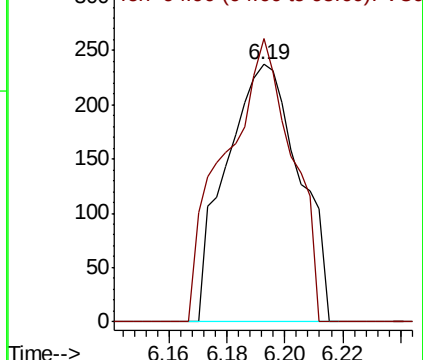
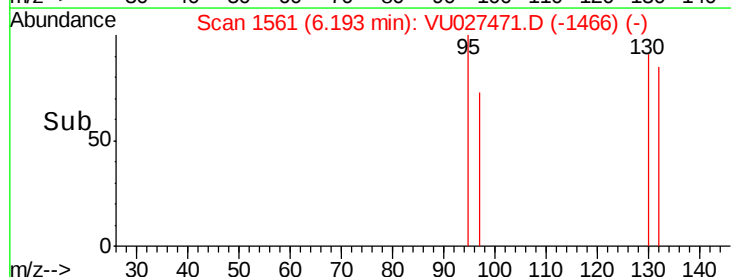
130 100

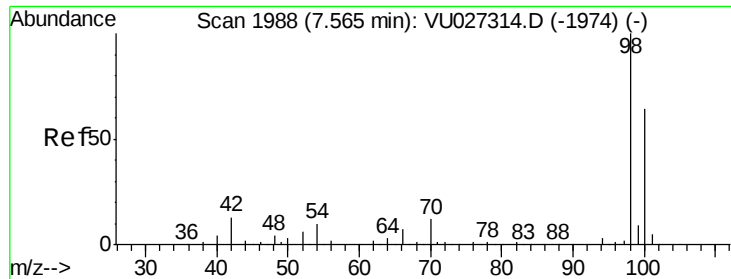
95 110.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

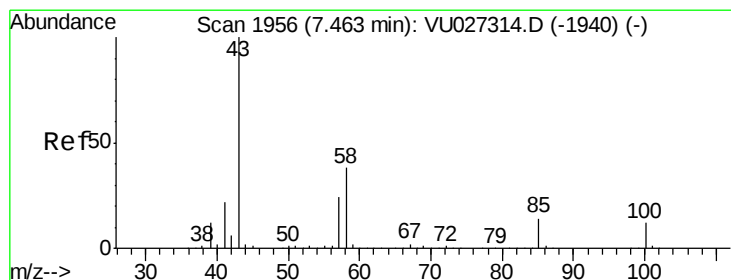
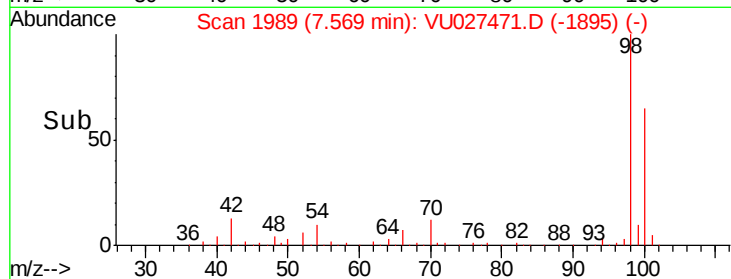
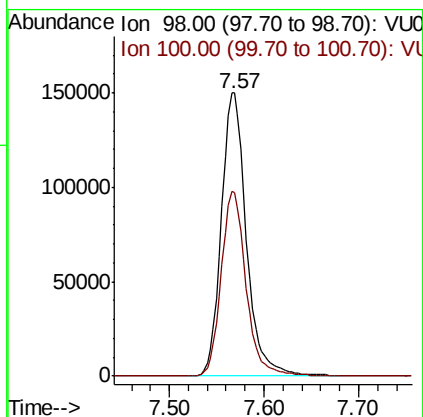
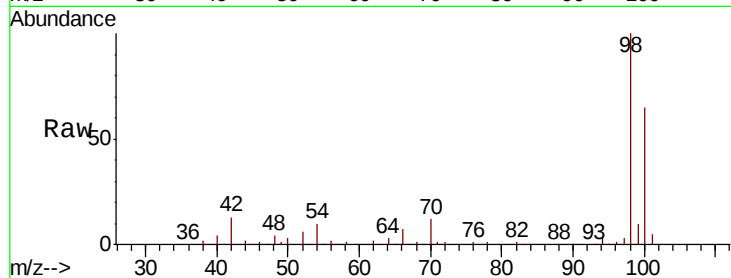




#50
Toluene-d8
Concen: 59.485 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027471.D
Acq: 05 Oct 2018 22:16

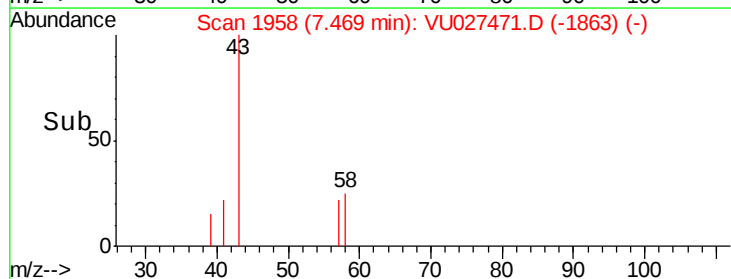
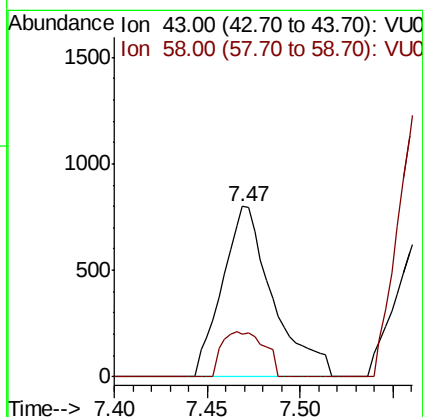
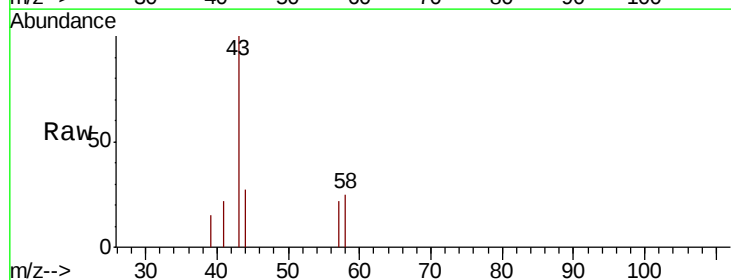
Instrument :
MSVOA_U
ClientSampleId :
BSS-GW1

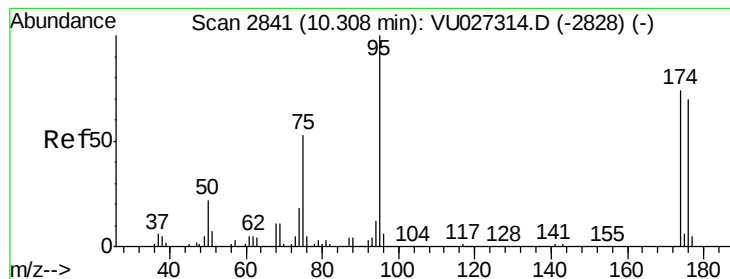
Tgt Ion: 98 Resp: 276479
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 7.47 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VU027471.D
Acq: 05 Oct 2018 22:16

Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
58 22.1 29.8 44.8#





#62

4-Bromofluorobenzene

Concen: 58.264 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027471.D

Acq: 05 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

BSS-GW1

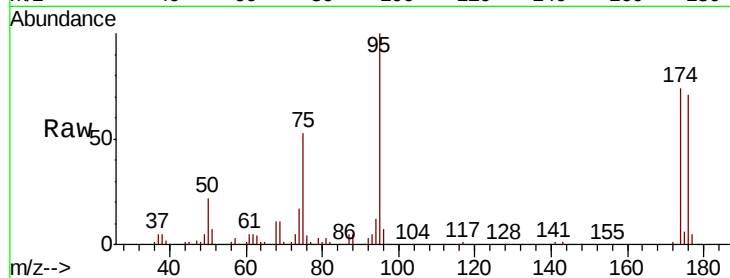
Tgt Ion: 95 Resp: 100641

Ion Ratio Lower Upper

95 100

174 75.2 0.0 147.8

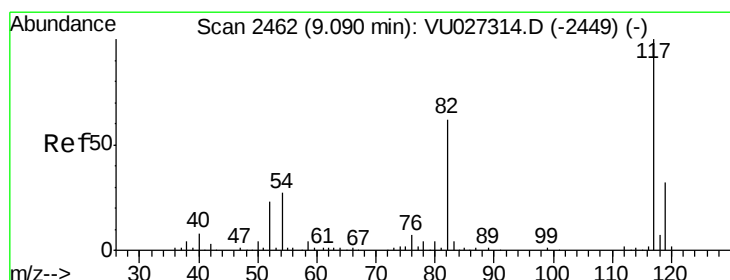
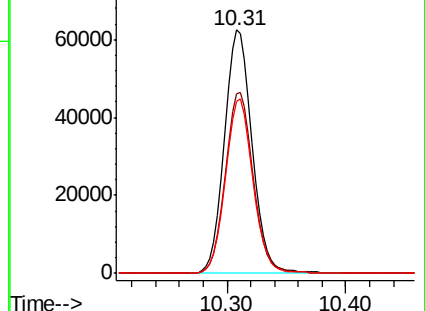
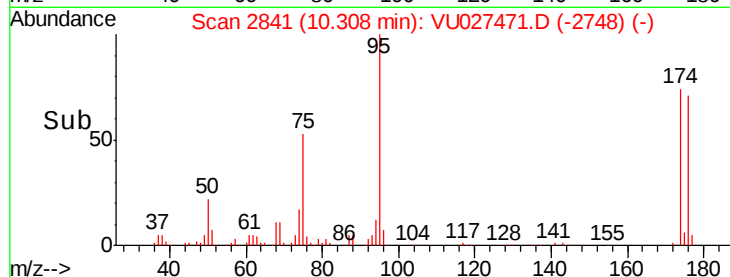
176 71.5 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027471.D

Acq: 05 Oct 2018 22:16

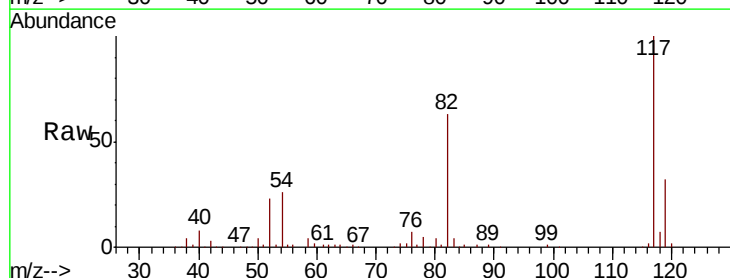
Tgt Ion: 117 Resp: 173479

Ion Ratio Lower Upper

117 100

82 63.2 49.2 73.8

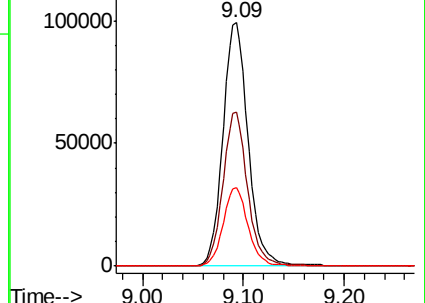
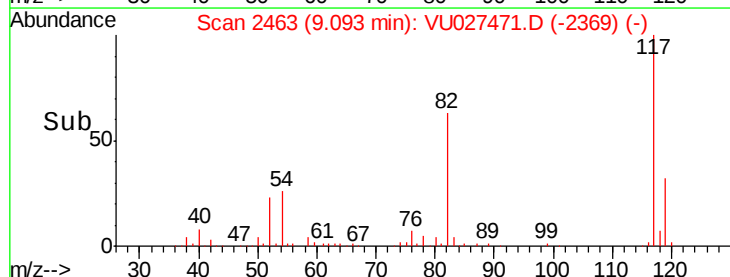
119 32.2 25.7 38.5

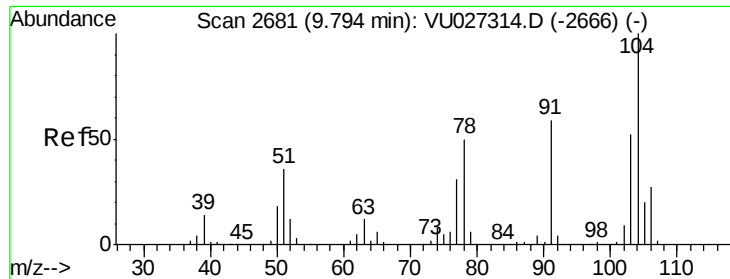


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)

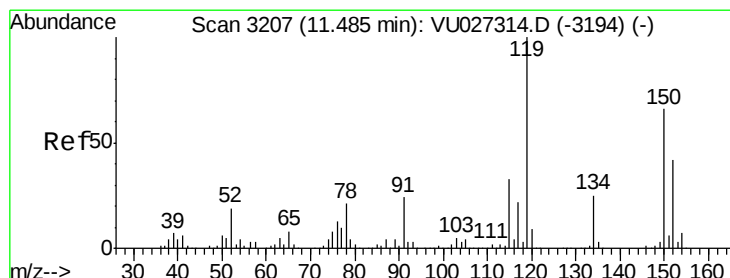
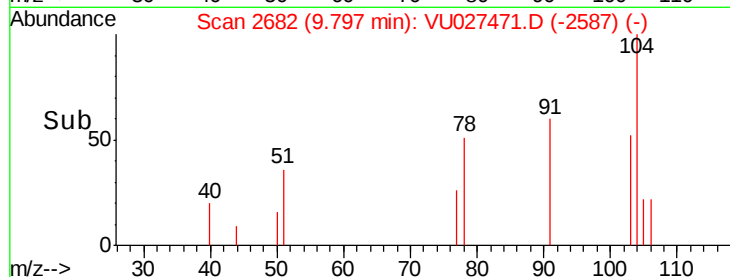
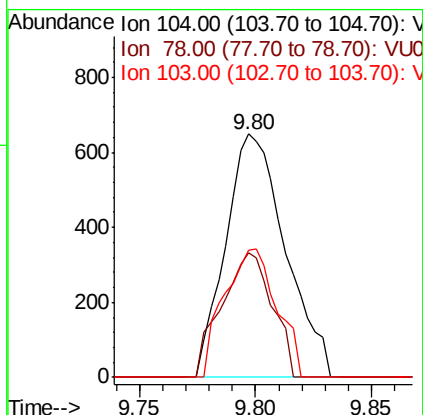
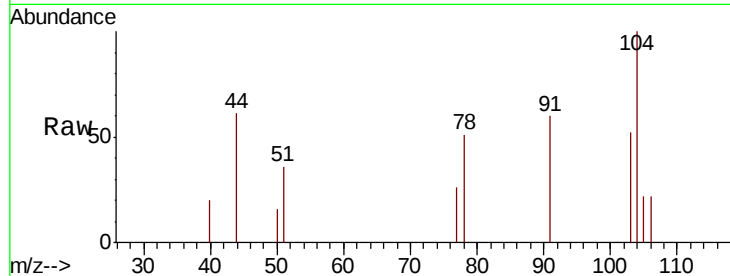




#70
Styrene
Concen: 2.563 ug/l
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027471.D
Acq: 05 Oct 2018 22:16

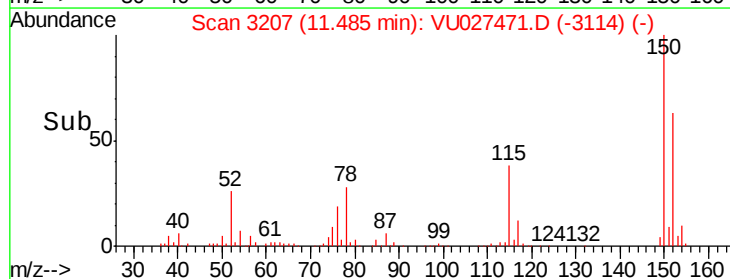
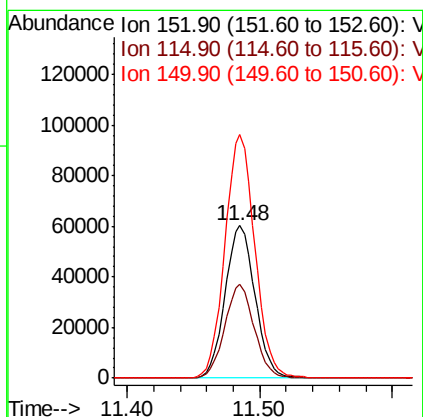
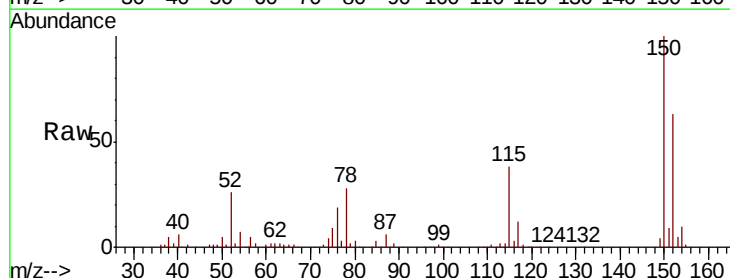
Instrument :
MSVOA_U
ClientSampleId :
BSS-GW1

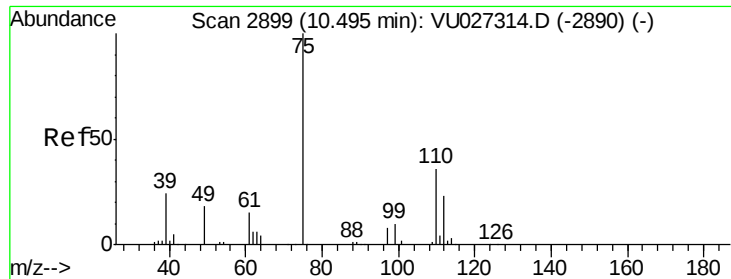
Tgt Ion:104 Resp: 1162
Ion Ratio Lower Upper
104 100
78 43.3 42.9 64.3
103 46.3 43.9 65.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027471.D
Acq: 05 Oct 2018 22:16

Tgt Ion:152 Resp: 94348
Ion Ratio Lower Upper
152 100
115 60.7 43.4 130.2
150 160.2 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 21.435 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027471.D

Acq: 05 Oct 2018 22:16

Instrument :

MSVOA_U

ClientSampleId :

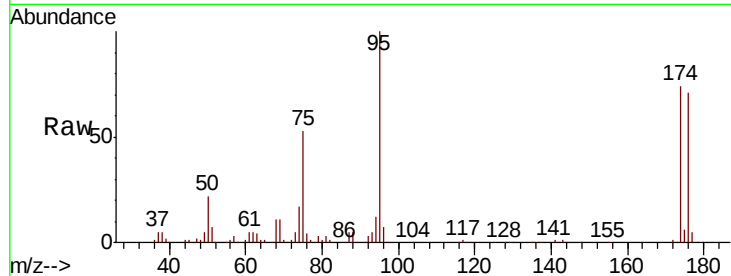
BSS-GW1

Tgt Ion: 75 Resp: 52424

Ion Ratio Lower Upper

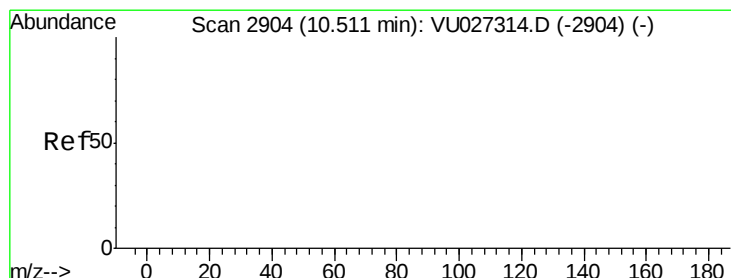
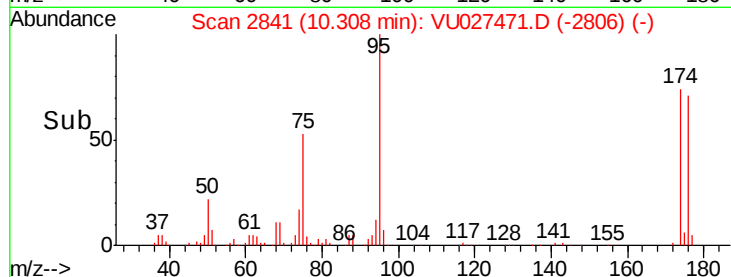
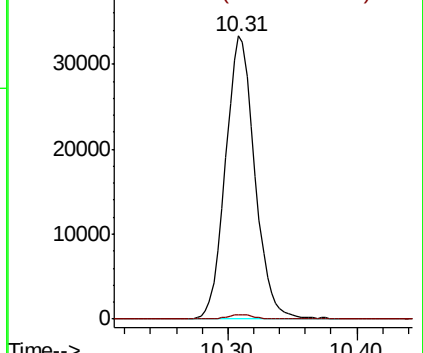
75 100

77 1.3 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 56.098 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027471.D

Acq: 05 Oct 2018 22:16

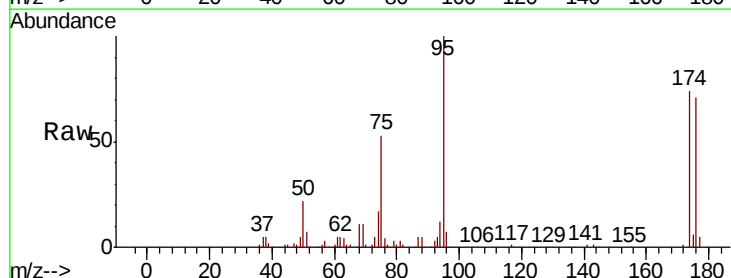
Tgt Ion: 75 Resp: 52424

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

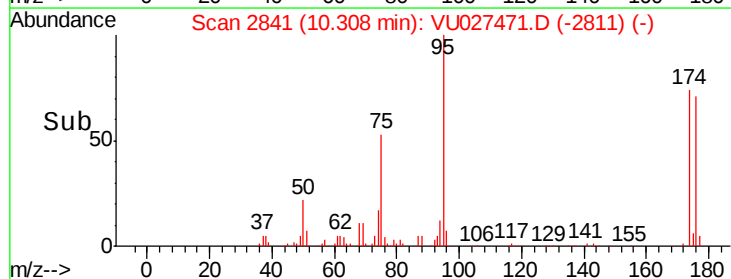
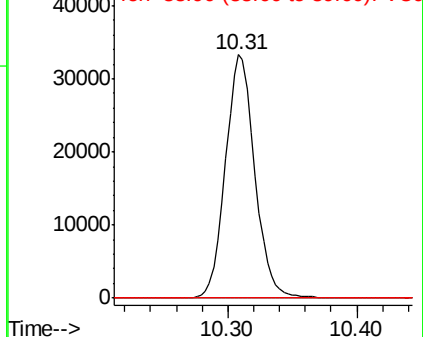
89 0.0 0.0 0.0

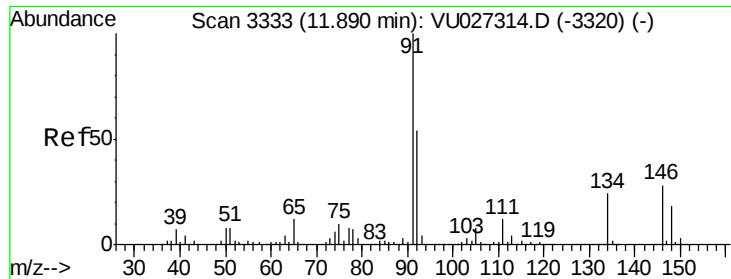


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

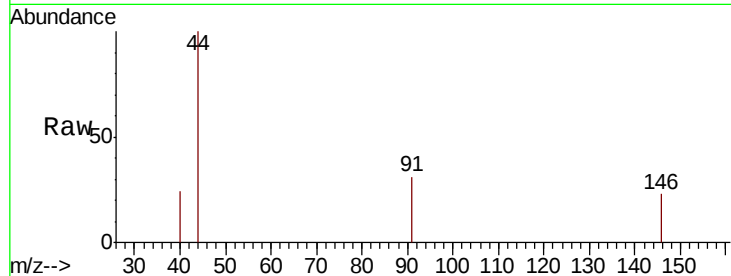




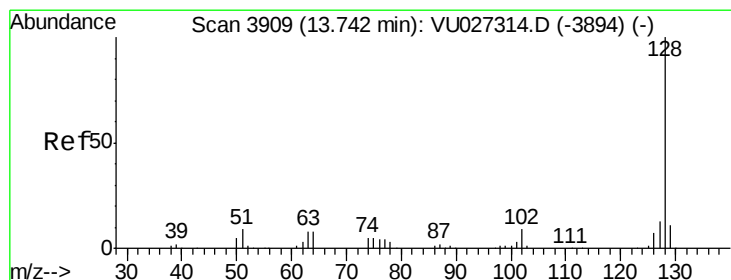
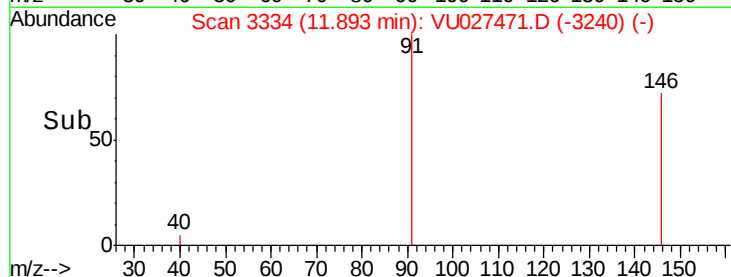
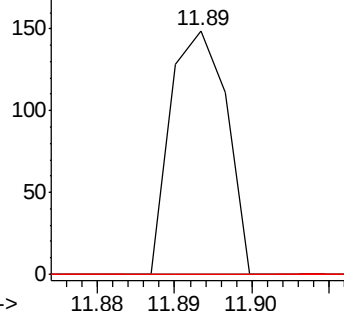
#89
n-Butylbenzene
Concen: 1.961 ug/l
RT: 11.89 min Scan# 3334
Delta R.T. 0.00 min
Lab File: VU027471.D
Acq: 05 Oct 2018 22:16

Instrument :
MSVOA_U
ClientSampleId :
BSS-GW1

Tgt Ion: 91 Resp: 75
Ion Ratio Lower Upper
91 100
92 0.0 27.0 81.0#
134 0.0 11.7 35.1#

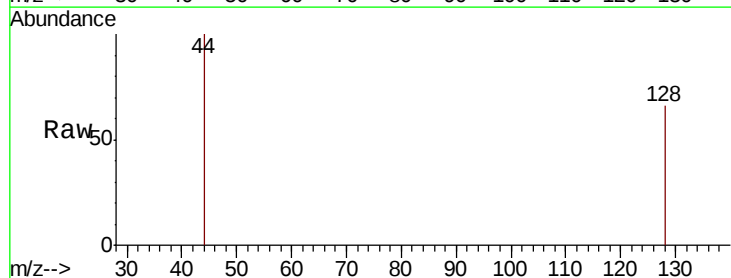


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-3320) (-)
Ion 92.00 (91.70 to 92.70): VU027314.D (-3320) (-)
Ion 134.00 (133.70 to 134.70): VU027314.D (-3320) (-)



#95
Naphthalene
Concen: 1.720 ug/l
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU027471.D
Acq: 05 Oct 2018 22:16

Tgt Ion: 128 Resp: 440
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VU027314.D (-3894) (-)
Ion 127.00 (126.70 to 127.70): VU027314.D (-3894) (-)
Ion 129.00 (128.70 to 129.70): VU027314.D (-3894) (-)

