

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100418\
 Data File : VU027416.D
 Acq On : 04 Oct 2018 18:27
 Operator : MD/SY
 Sample : J5237-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-GW

Quant Time: Oct 05 03:17:10 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	123433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	208509	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	200809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	109923	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	112996	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
35) Dibromofluoromethane	4.88	113	82806	57.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.90%	
50) Toluene-d8	7.57	98	320656	59.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.92%	
62) 4-Bromofluorobenzene	10.31	95	115219	57.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.94%	

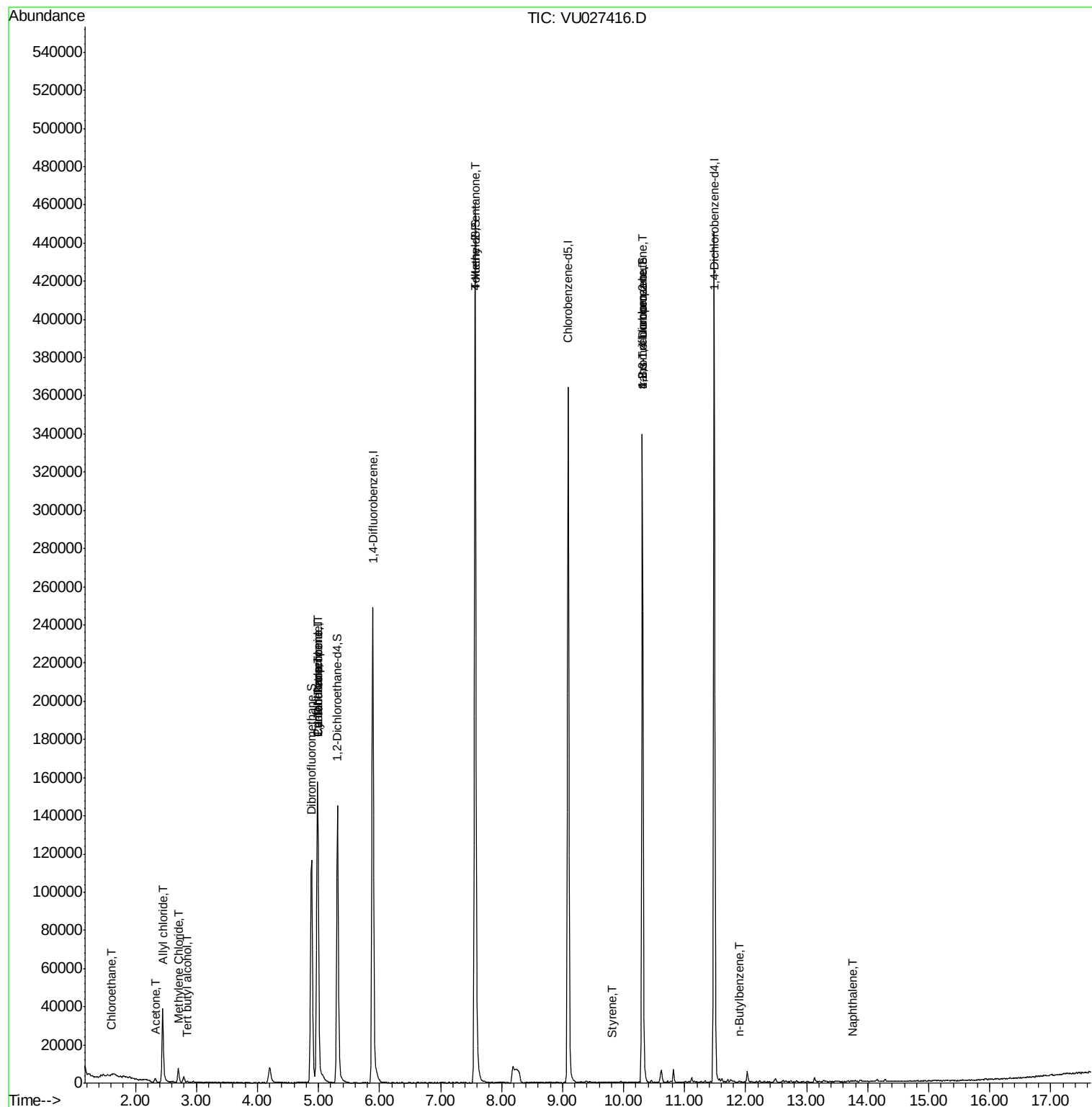
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.59	64	1526	1.121	ug/l #	44
11) Tert butyl alcohol	2.84	59	398	0.917	ug/l #	72
14) Allyl chloride	2.45	41	3857	1.246	ug/l #	76
16) Acetone	2.32	43	2301	1.890	ug/l	99
20) Methylene Chloride	2.70	84	3104	1.830	ug/l	93
31) Cyclohexane	4.99	56	2788	0.608	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	10918	4.823	ug/l #	49
38) Carbon Tetrachloride	4.99	117	12198	5.965	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1406	0.476	ug/l #	1
70) Styrene	9.80	104	39	2.307	ug/l #	24
76) 1,2,3-Trichloropropane	10.31	75	59859	21.007	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.31	75	59859	54.978	ug/l #	100
89) n-Butylbenzene	11.90	91	398	2.003	ug/l #	79
95) Naphthalene	13.76	128	311	1.696	ug/l #	69

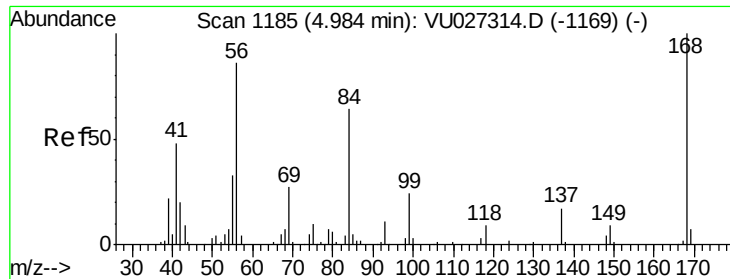
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027416.D

Acq: 04 Oct 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

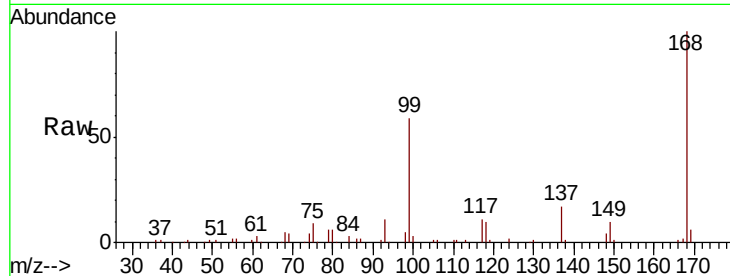
TRIP-GW

Tgt Ion:168 Resp: 123433

Ion Ratio Lower Upper

168 100

99 59.4 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) (-)

4.99

50000

40000

30000

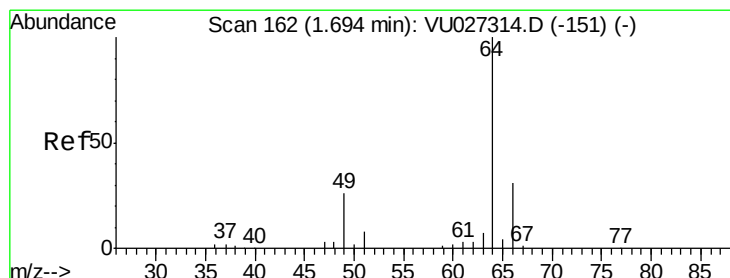
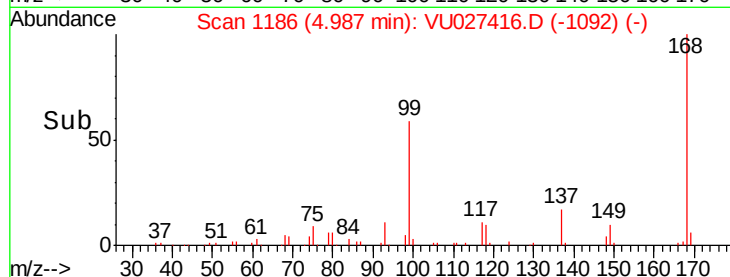
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#6

Chloroethane

Concen: 1.121 ug/l

RT: 1.59 min Scan# 131

Delta R.T. -0.10 min

Lab File: VU027416.D

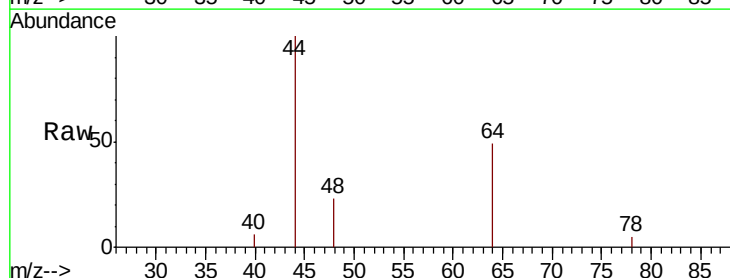
Acq: 04 Oct 2018 18:27

Tgt Ion: 64 Resp: 1526

Ion Ratio Lower Upper

64 100

66 0.0 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) (-)

1.59

1500

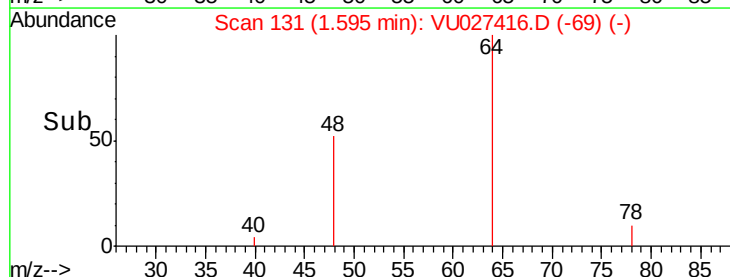
1000

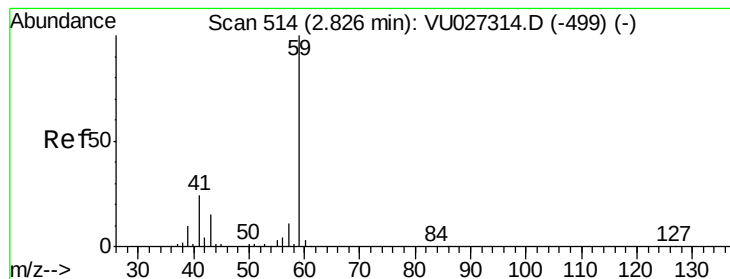
500

0

1.50 1.55 1.60

Time-->





#11

Tert butyl alcohol

Concen: 0.917 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.02 min

Lab File: VU027416.D

Acq: 04 Oct 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

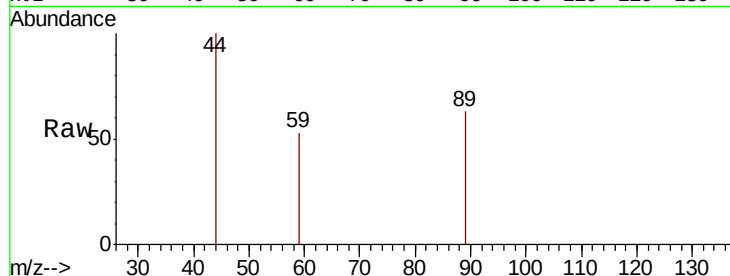
TRIP-GW

Tgt Ion: 59 Resp: 398

Ion Ratio Lower Upper

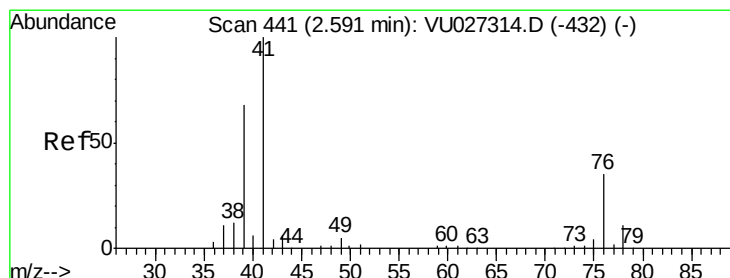
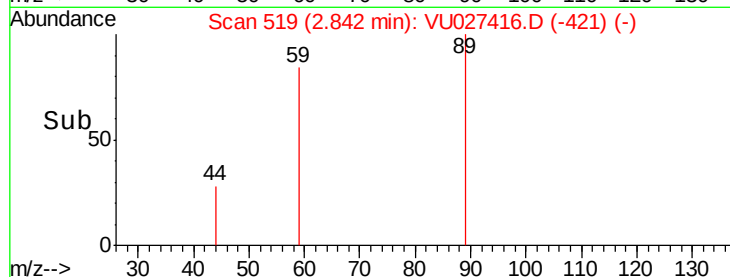
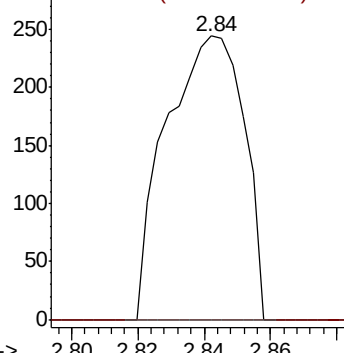
59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#14

Allyl chloride

Concen: 1.246 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.14 min

Lab File: VU027416.D

Acq: 04 Oct 2018 18:27

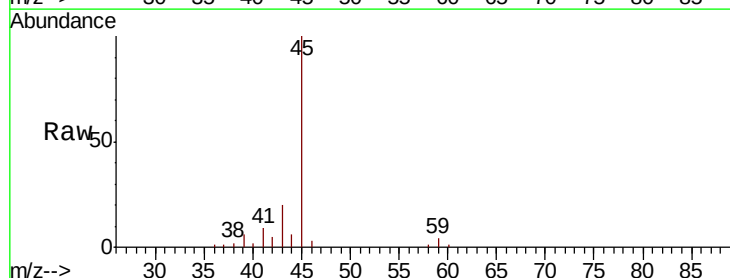
Tgt Ion: 41 Resp: 3857

Ion Ratio Lower Upper

41 100

39 70.5 51.8 77.8

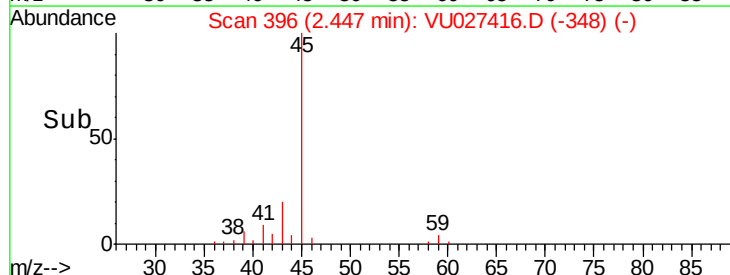
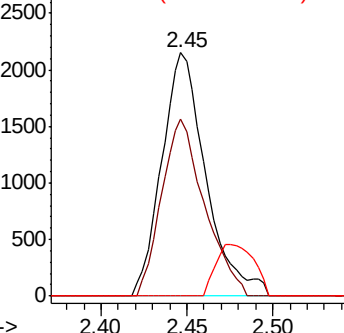
76 0.0 25.9 38.9#

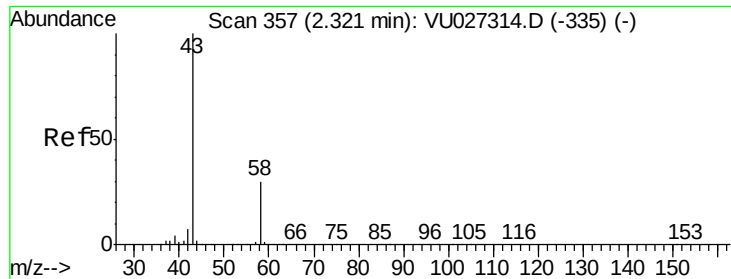


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#16

Acetone

Concen: 1.890 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027416.D

Acq: 04 Oct 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

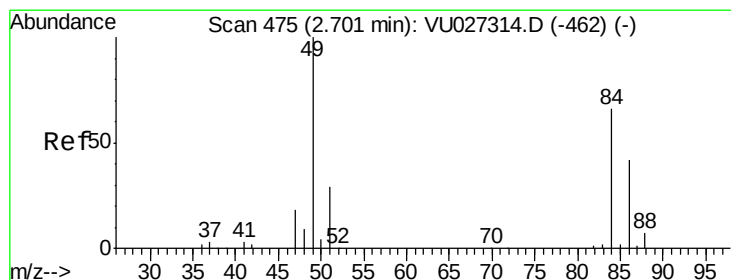
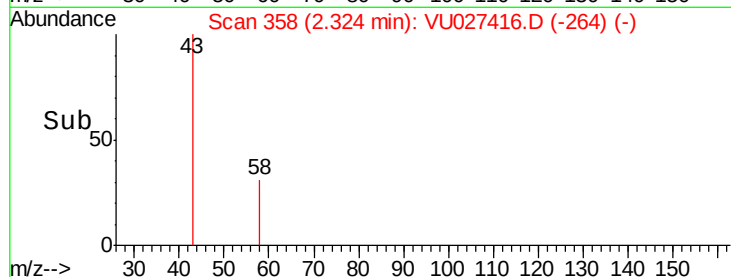
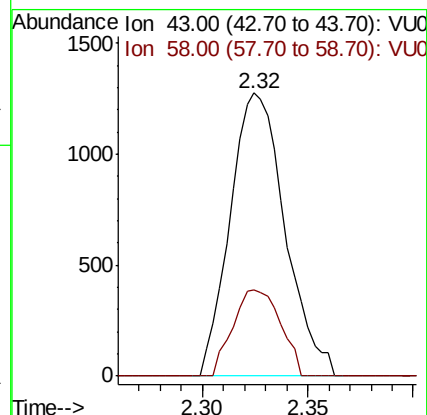
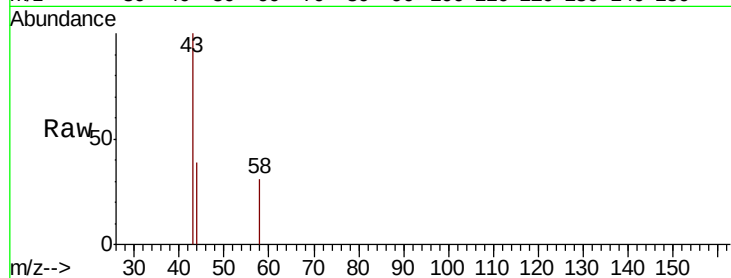
TRIP-GW

Tgt Ion: 43 Resp: 2301

Ion Ratio Lower Upper

43 100

58 30.7 24.2 36.4



#20

Methylene Chloride

Concen: 1.830 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027416.D

Acq: 04 Oct 2018 18:27

Tgt Ion: 84 Resp: 3104

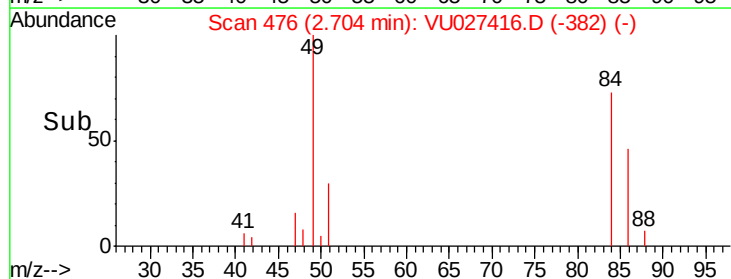
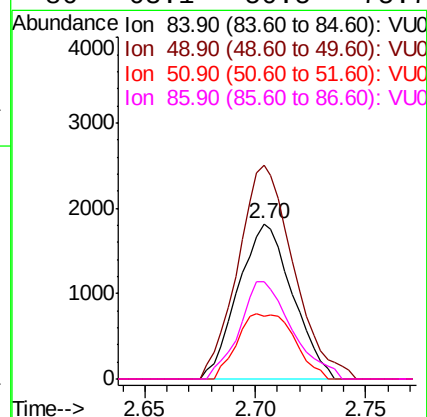
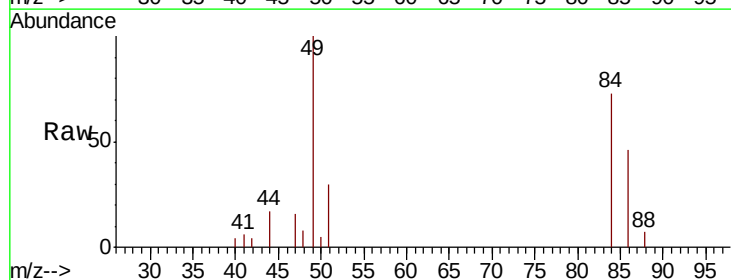
Ion Ratio Lower Upper

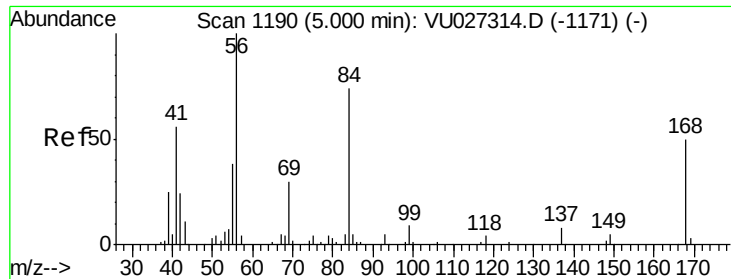
84 100

49 137.8 120.5 180.7

51 40.7 35.1 52.7

86 63.1 50.5 75.7

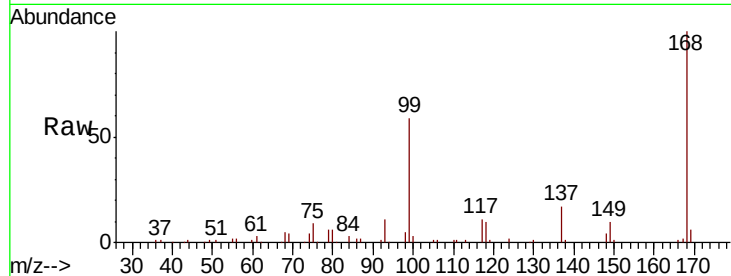




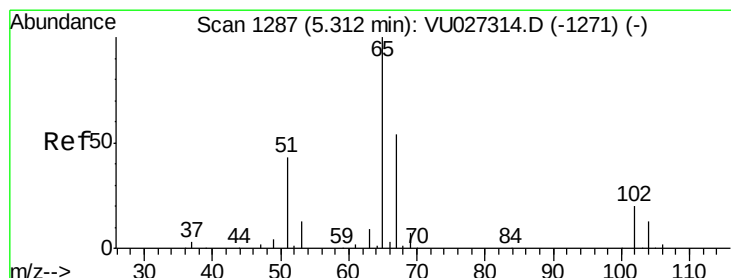
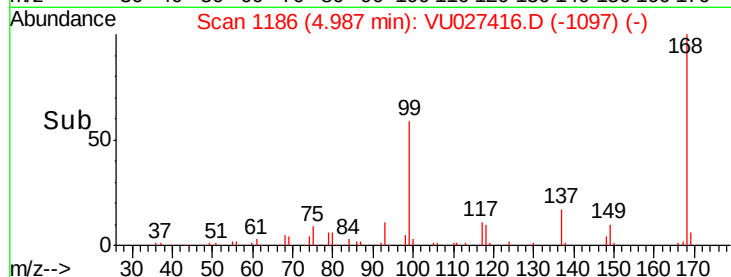
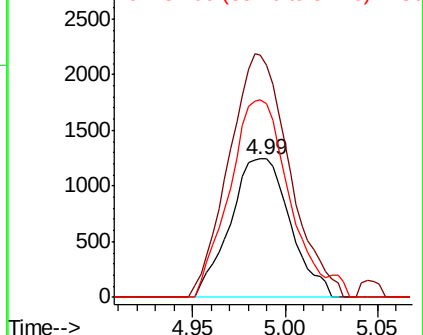
#31
Cyclohexane
Concen: 0.608 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027416.D
Acq: 04 Oct 2018 18:27

Instrument :
MSVOA_U
ClientSampleId :
TRIP-GW

Tgt Ion: 56 Resp: 2788
Ion Ratio Lower Upper
56 100
69 175.5 24.1 36.1#
84 142.6 59.1 88.7#

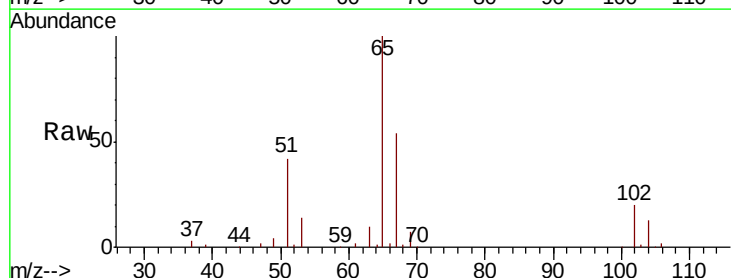


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

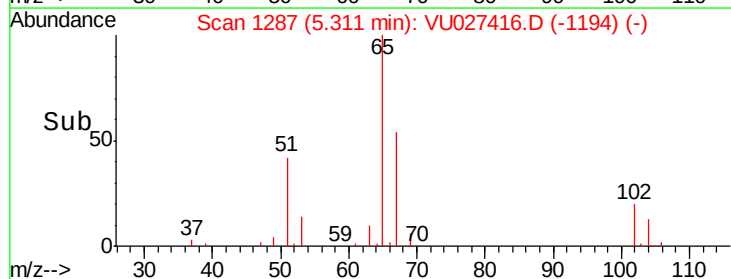
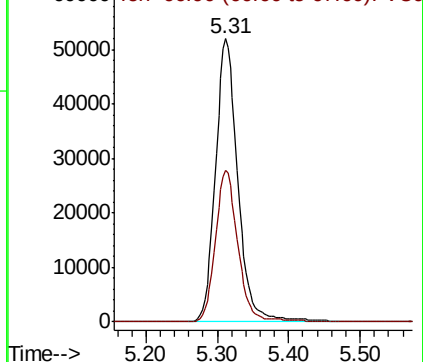


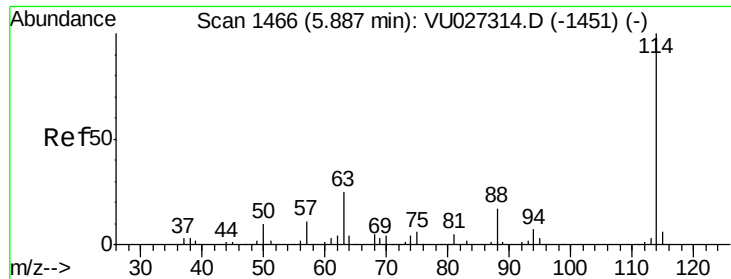
#33
1,2-Dichloroethane-d4
Concen: 54.823 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027416.D
Acq: 04 Oct 2018 18:27

Tgt Ion: 65 Resp: 112996
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

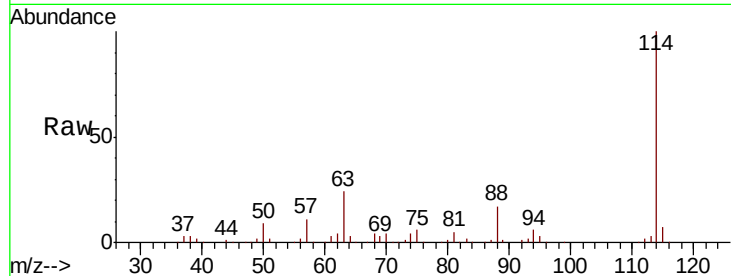




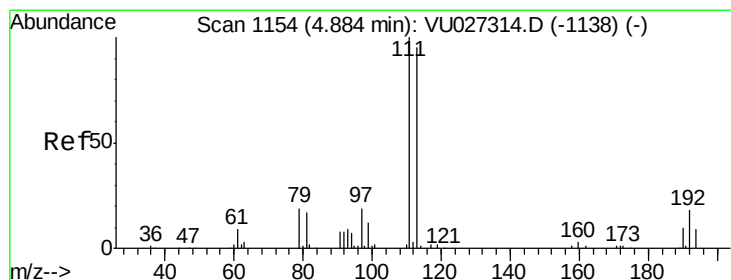
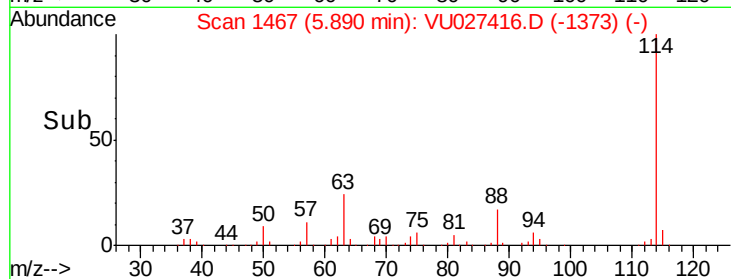
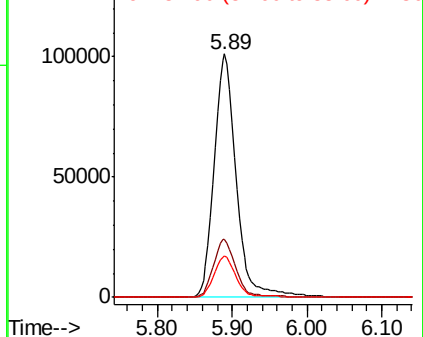
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027416.D
 Acq: 04 Oct 2018 18:27

Instrument :
 MSVOA_U
 ClientSampled :
 TRIP-GW

Tgt Ion:114 Resp: 208509
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.2
 88 17.0 0.0 33.8

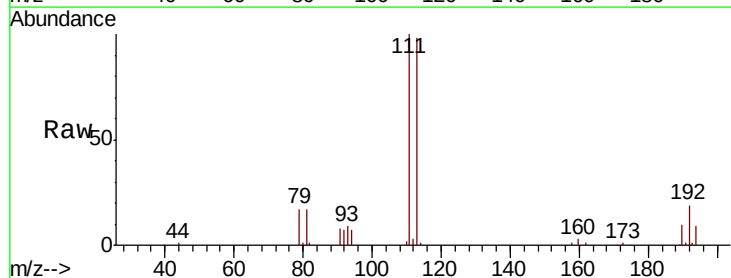


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

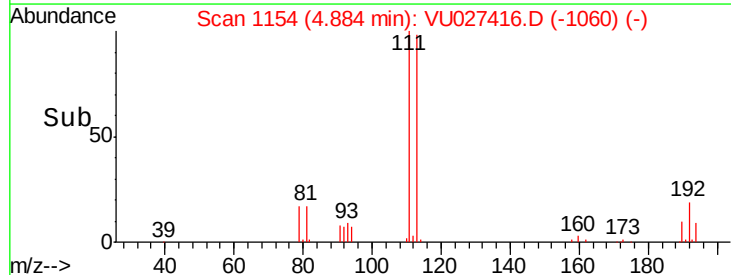
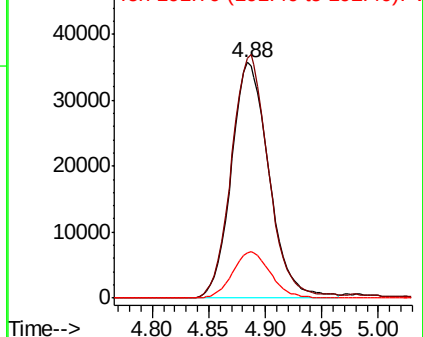


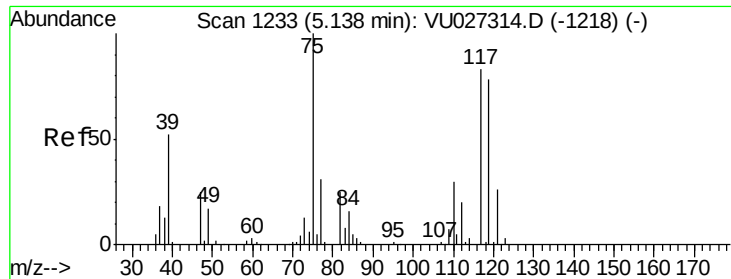
#35
 Dibromofluoromethane
 Concen: 57.948 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027416.D
 Acq: 04 Oct 2018 18:27

Tgt Ion:113 Resp: 82806
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.1 124.7
 192 19.8 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

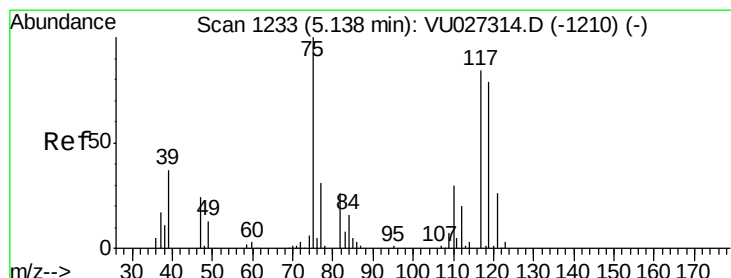
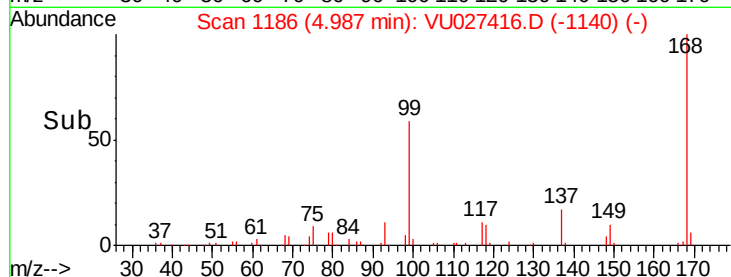
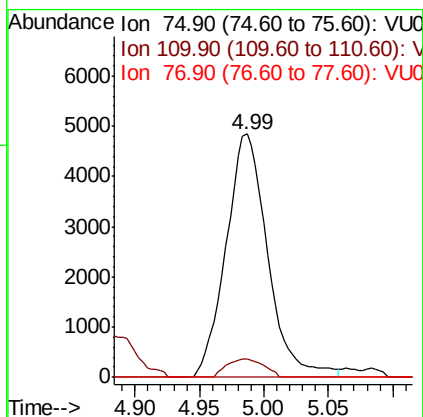
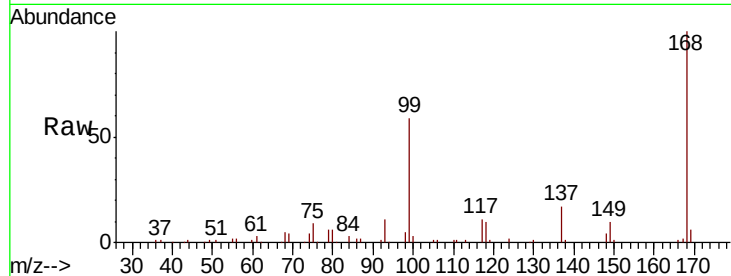




#36
 1,1-Dichloropropene
 Concen: 4.823 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027416.D
 Acq: 04 Oct 2018 18:27

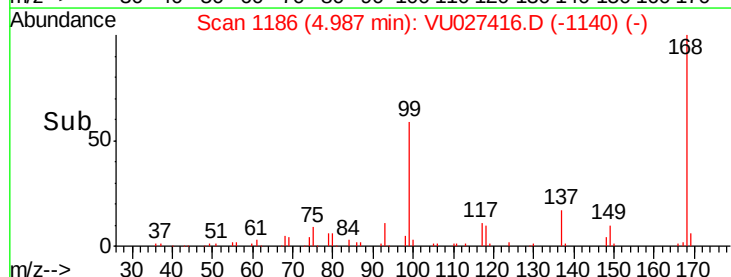
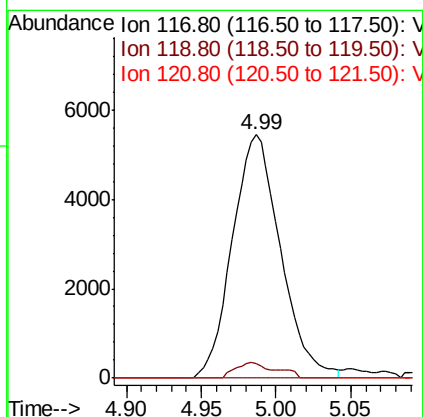
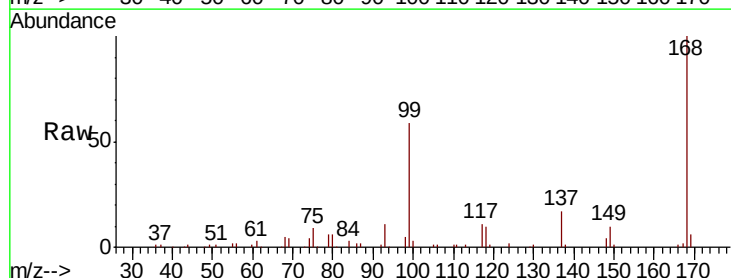
Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-GW

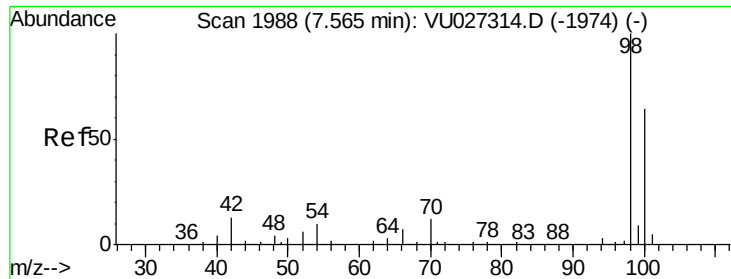
Tgt Ion: 75 Resp: 10918
 Ion Ratio Lower Upper
 75 100
 110 6.7 15.5 46.5#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 5.965 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027416.D
 Acq: 04 Oct 2018 18:27

Tgt Ion: 117 Resp: 12198
 Ion Ratio Lower Upper
 117 100
 119 5.8 74.5 111.7#
 121 0.0 24.6 37.0#

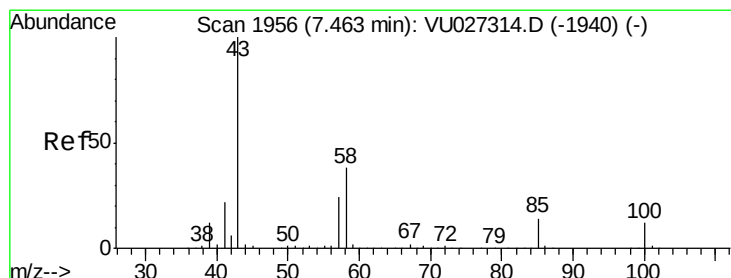
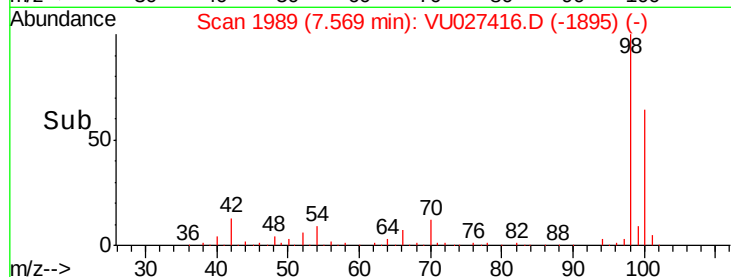
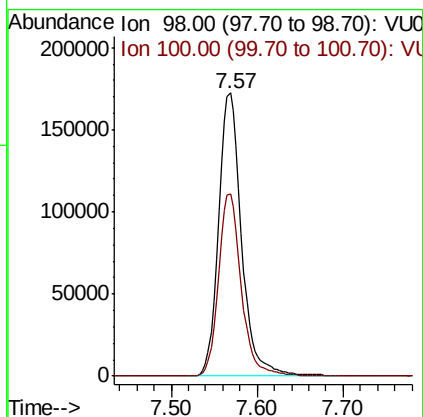
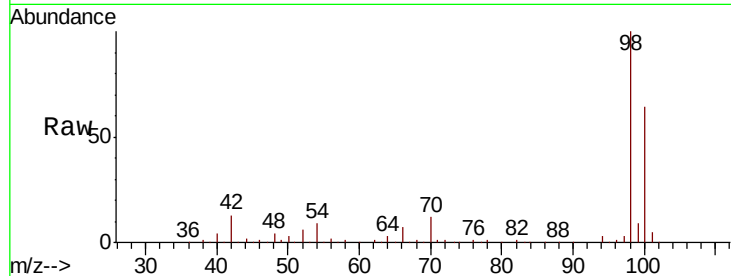




#50
Toluene-d8
Concen: 59.956 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027416.D
Acq: 04 Oct 2018 18:27

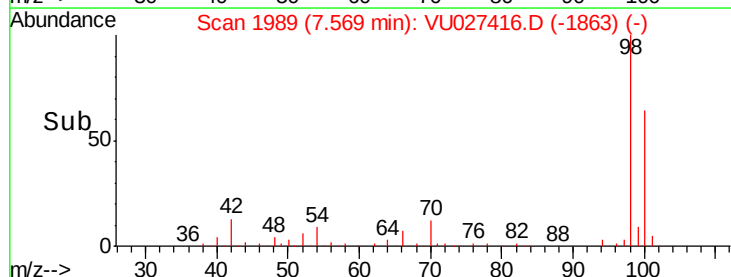
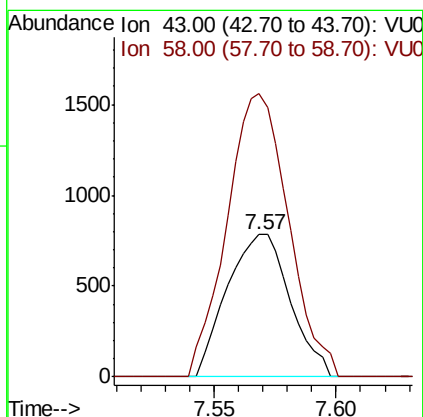
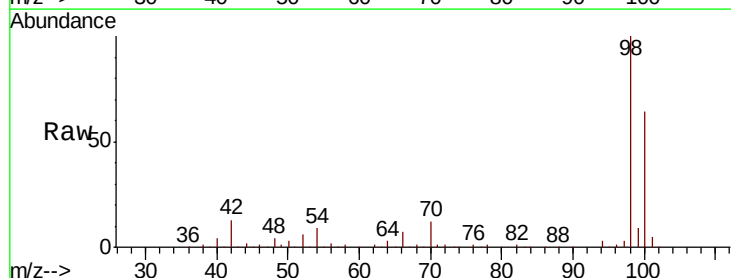
Instrument :
MSVOA_U
ClientSampleId :
TRIP-GW

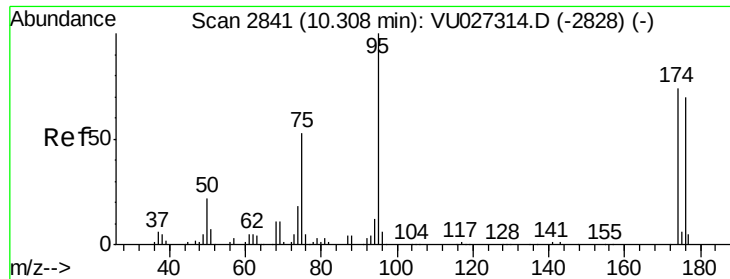
Tgt Ion: 98 Resp: 320656
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.11 min
Lab File: VU027416.D
Acq: 04 Oct 2018 18:27

Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
58 193.6 29.8 44.8#

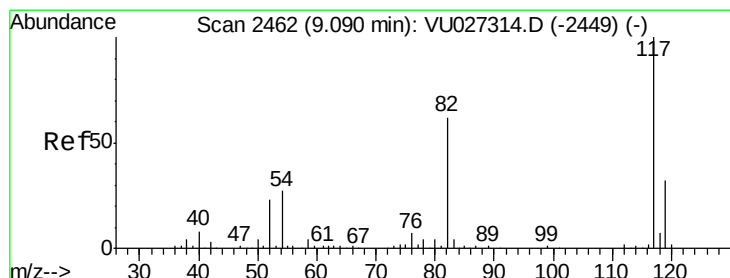
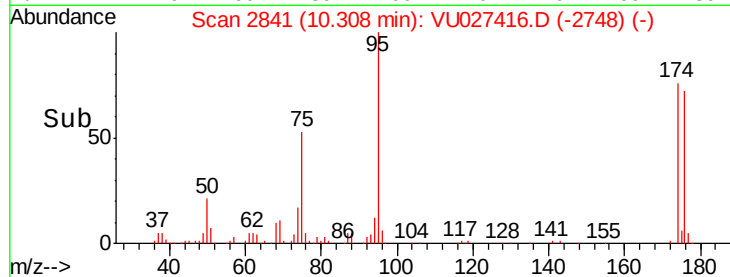
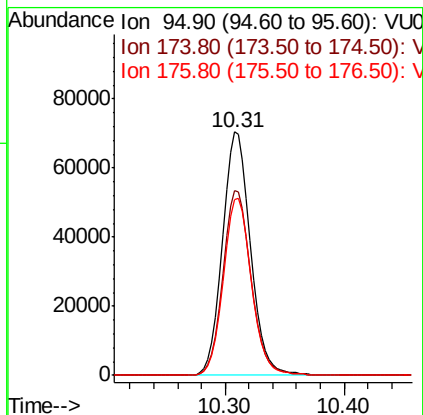
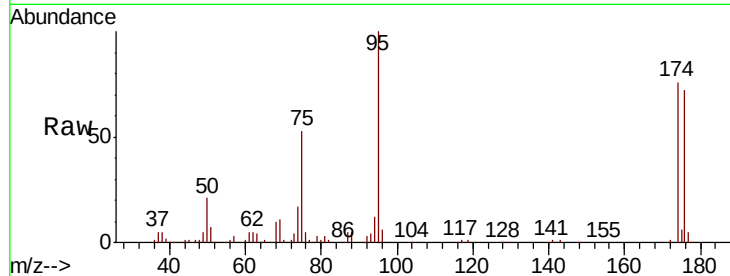




#62
 4-Bromofluorobenzene
 Concen: 57.969 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027416.D
 Acq: 04 Oct 2018 18:27

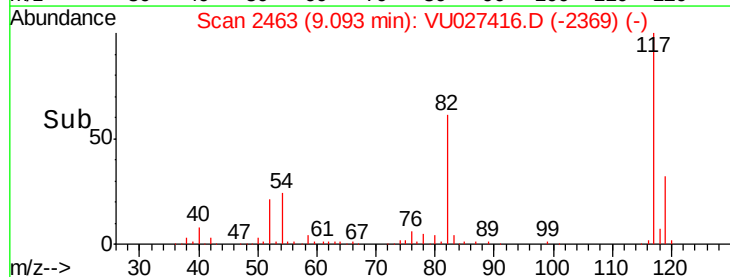
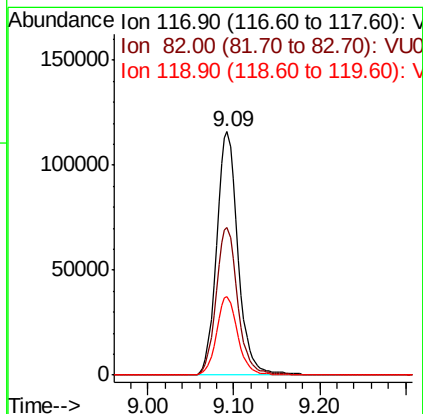
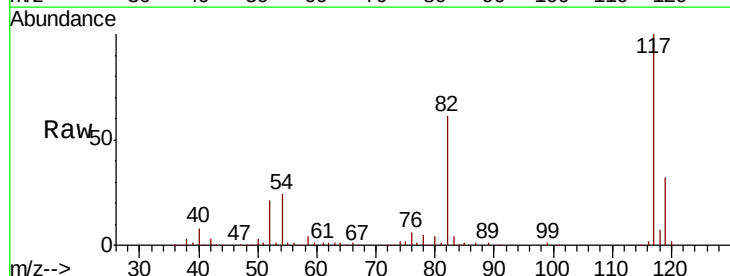
Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-GW

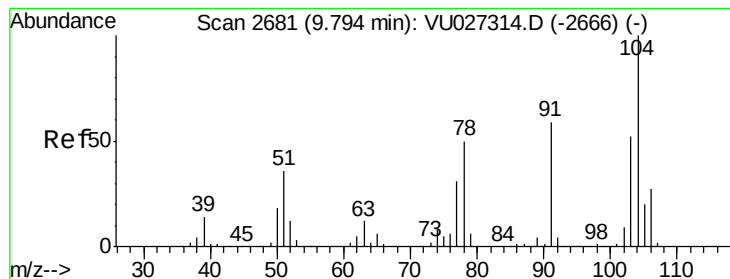
Tgt Ion: 95 Resp: 115219
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 147.8
 176 72.9 0.0 140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027416.D
 Acq: 04 Oct 2018 18:27

Tgt Ion: 117 Resp: 200809
 Ion Ratio Lower Upper
 117 100
 82 60.5 49.2 73.8
 119 32.1 25.7 38.5





#70

Styrene

Concen: 2.307 ug/l

RT: 9.80 min Scan# 2684

Delta R.T. 0.01 min

Lab File: VU027416.D

Acq: 04 Oct 2018 18:27

Instrument :

MSVOA_U

ClientSampled :

TRIP-GW

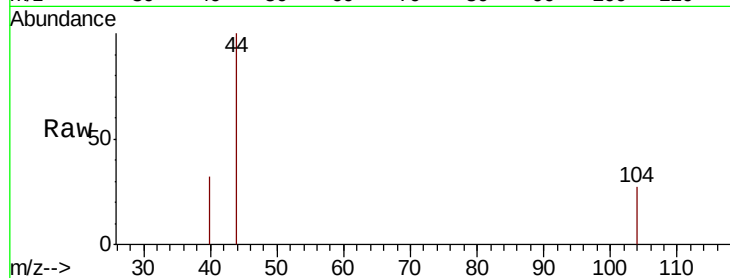
Tgt Ion:104 Resp: 39

Ion Ratio Lower Upper

104 100

78 0.0 42.9 64.3#

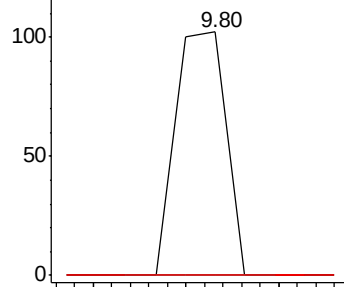
103 0.0 43.9 65.9#



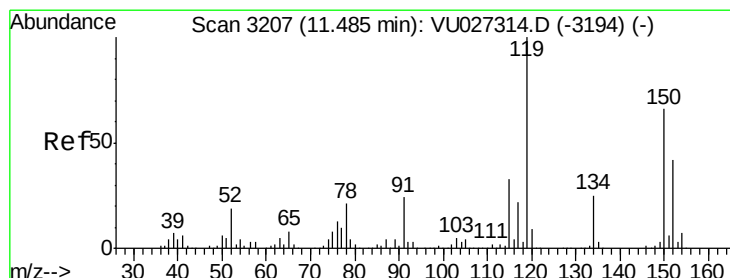
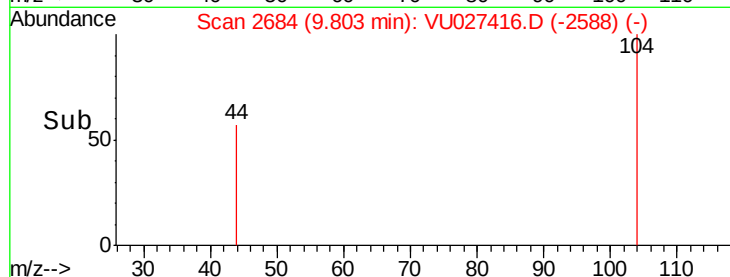
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027416.D

Acq: 04 Oct 2018 18:27

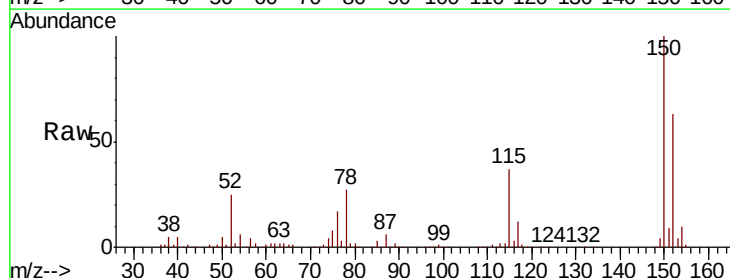
Tgt Ion:152 Resp: 109923

Ion Ratio Lower Upper

152 100

115 60.4 43.4 130.2

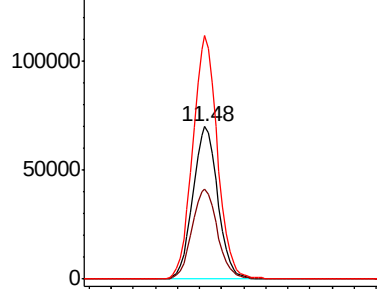
150 157.6 0.0 349.2



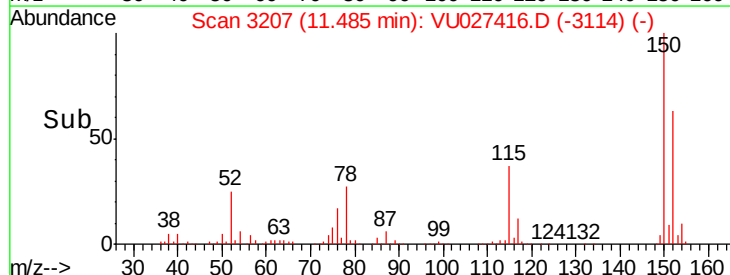
Abundance Ion 151.90 (151.60 to 152.60): V

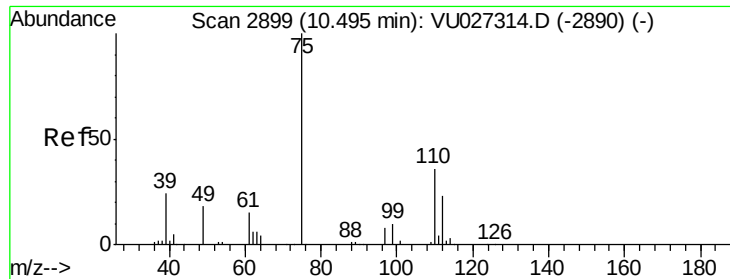
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->

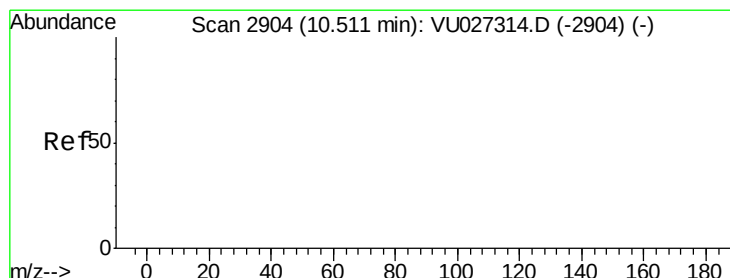
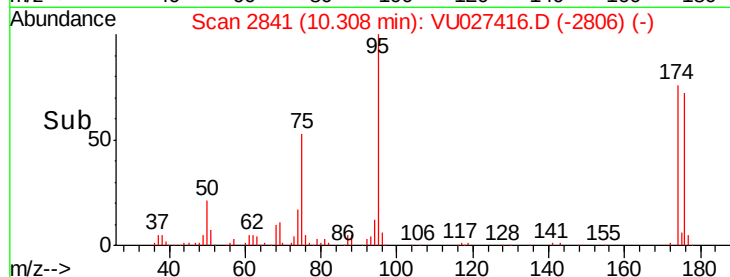
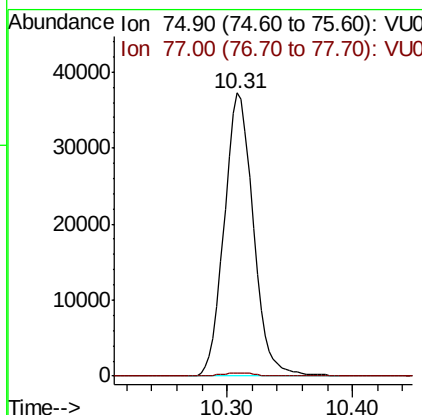
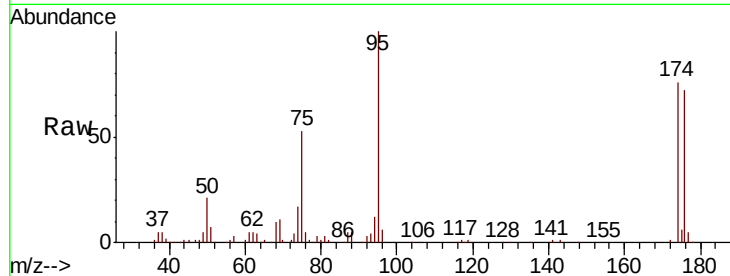




#76
 1,2,3-Trichloropropane
 Concen: 21.007 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027416.D
 Acq: 04 Oct 2018 18:27

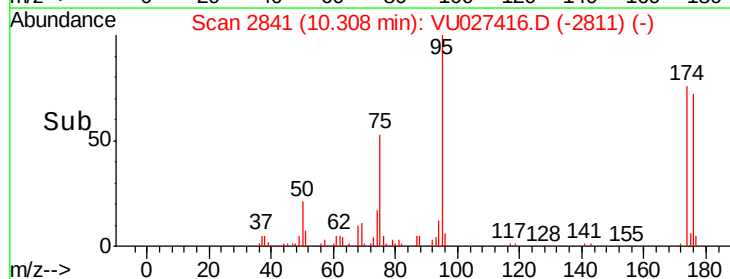
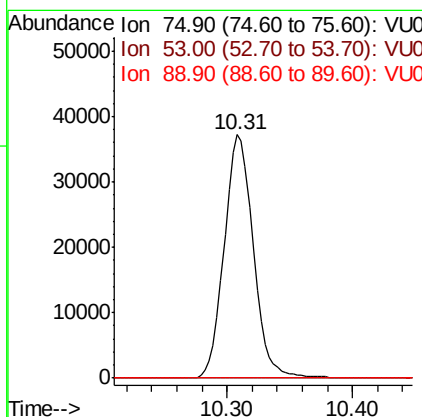
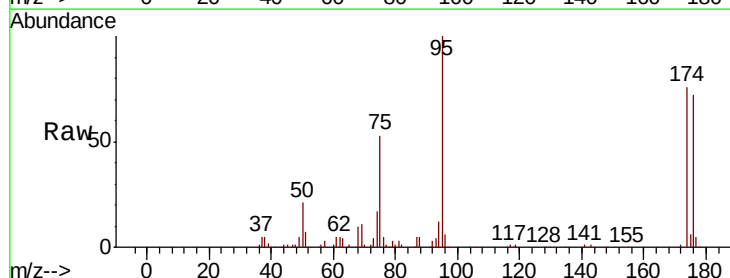
Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-GW

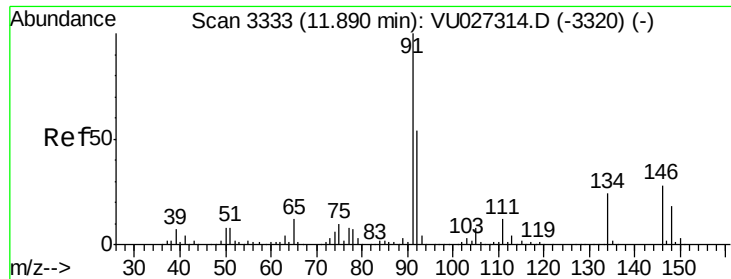
Tgt Ion: 75 Resp: 59859
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.978 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.20 min
 Lab File: VU027416.D
 Acq: 04 Oct 2018 18:27

Tgt Ion: 75 Resp: 59859
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0





#89

n-Butylbenzene

Concen: 2.003 ug/l

RT: 11.90 min Scan# 3336

Delta R.T. 0.01 min

Lab File: VU027416.D

Acq: 04 Oct 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

TRIP-GW

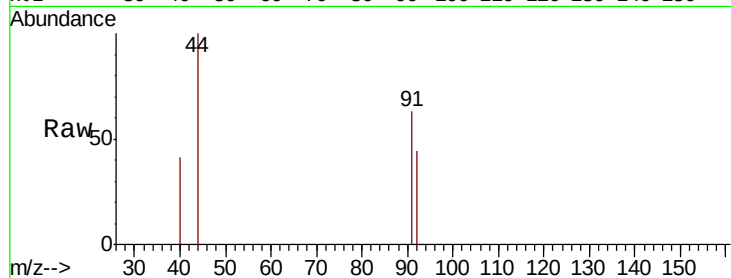
Tgt Ion: 91 Resp: 398

Ion Ratio Lower Upper

91 100

92 47.5 27.0 81.0

134 0.0 11.7 35.1#

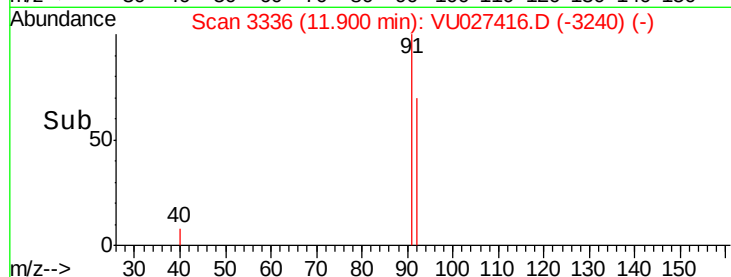


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-3320) (-)

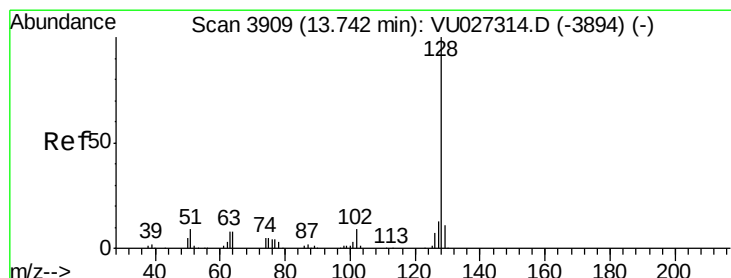
Ion 92.00 (91.70 to 92.70): VU027314.D (-3320) (-)

Ion 134.00 (133.70 to 134.70): VU027314.D (-3320) (-)

Time-->



Time-->



#95

Naphthalene

Concen: 1.696 ug/l

RT: 13.76 min Scan# 3914

Delta R.T. 0.02 min

Lab File: VU027416.D

Acq: 04 Oct 2018 18:27

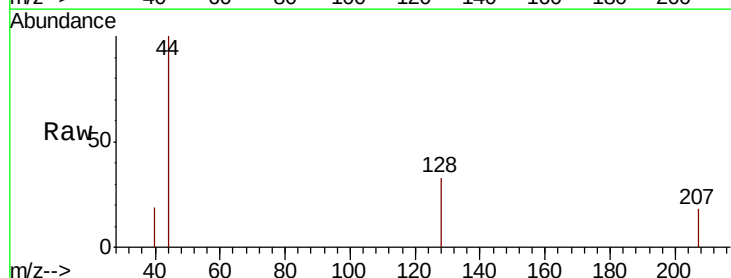
Tgt Ion: 128 Resp: 311

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#

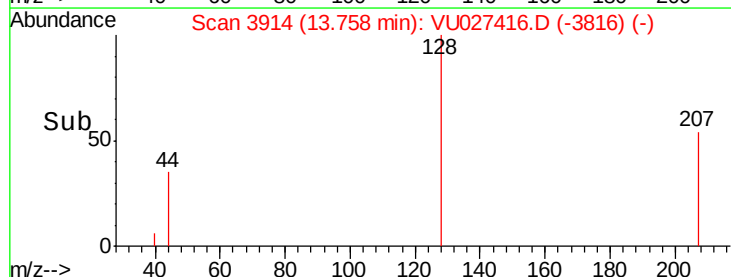


Abundance Ion 128.00 (127.70 to 128.70): VU027314.D (-3894) (-)

Ion 127.00 (126.70 to 127.70): VU027314.D (-3894) (-)

Ion 129.00 (128.70 to 129.70): VU027314.D (-3894) (-)

Time-->



Time-->