

Data File : VU027021.D
Acq On : 22 Sep 2018 17:21
Operator : MD/SY
Sample : J4958-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW306S-20180914

Quant Time: Sep 24 02:51:46 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	95243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	158097	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	95087	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	4.88	113	66073	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	7.57	98	245277	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	10.31	95	82112	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	

Target Compounds

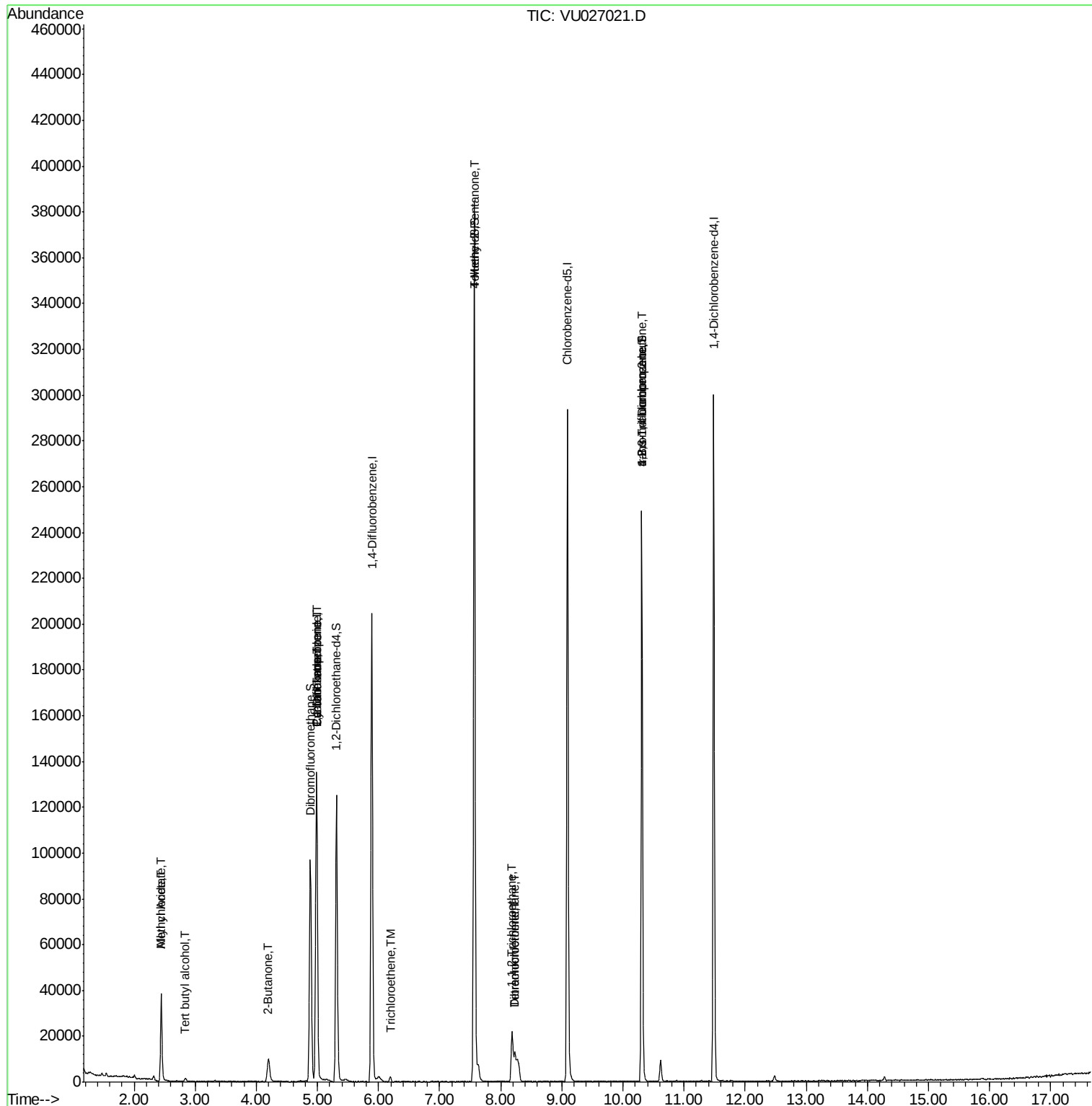
						Qvalue
11) Tert butyl alcohol	2.83	59	944	2.149	ug/l #	72
14) Allyl chloride	2.44	41	3635	1.362	ug/l #	66
16) Acetone	2.32	43	2068	Below Cal		99
18) Methyl Acetate	2.44	43	9722	3.563	ug/l #	55
25) 2-Butanone	4.20	43	456	0.283	ug/l #	53
31) Cyclohexane	4.99	56	2407	0.271	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9127	4.326	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9750	4.856	ug/l #	17
44) Trichloroethene	6.19	130	967	0.708	ug/l	65
51) 4-Methyl-2-Pentanone	7.57	43	1180	0.421	ug/l #	1
55) 1,1,2-Trichloroethane	8.18	97	472	0.303	ug/l #	13
60) Dibromochloromethane	8.23	129	428	0.280	ug/l #	11
64) Tetrachloroethene	8.23	164	467	0.396	ug/l	90
76) 1,2,3-Trichloropropane	10.31	75	43501	20.048	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	43501	64.158	ug/l #	100

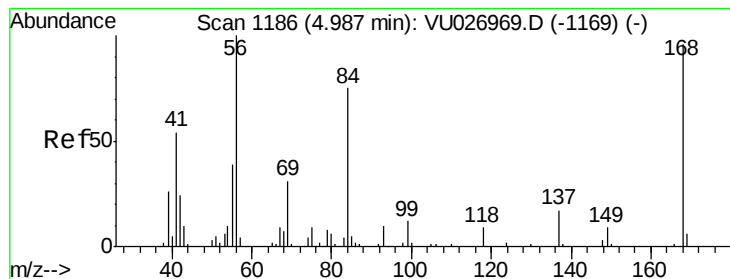
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU027021.D
Acq On : 22 Sep 2018 17:21
Operator : MD/SY
Sample : J4958-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW306S-20180914

Quant Time: Sep 24 02:51:46 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027021.D

Acq: 22 Sep 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

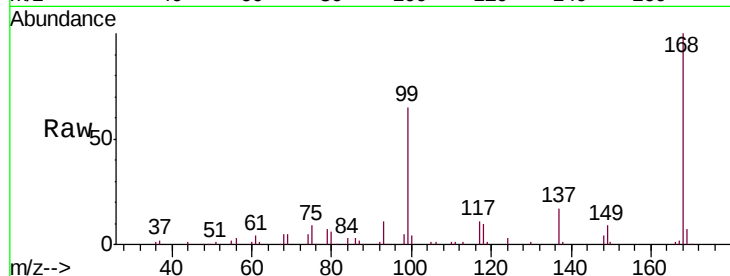
BPSI-TT-MW306S-20180914

Tgt Ion:168 Resp: 95243

Ion Ratio Lower Upper

168 100

99 64.7 48.1 72.1



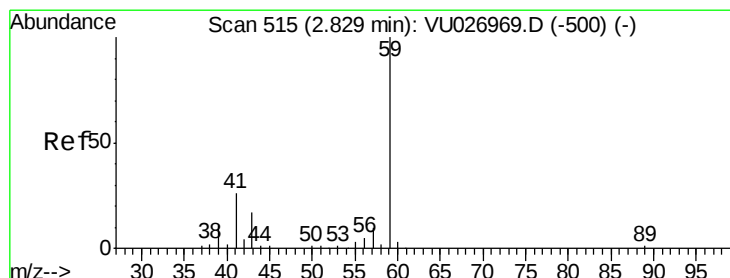
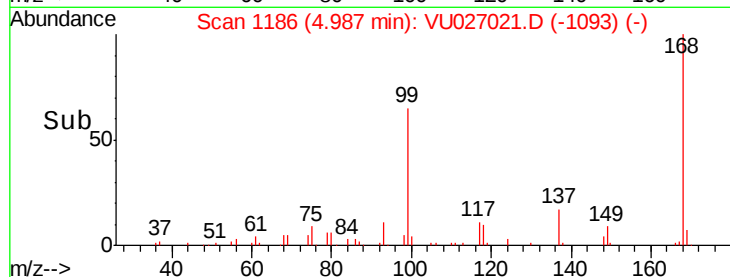
Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

4.90 4.95 5.00 5.05 5.10

Time-->



#11

Tert butyl alcohol

Concen: 2.149 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU027021.D

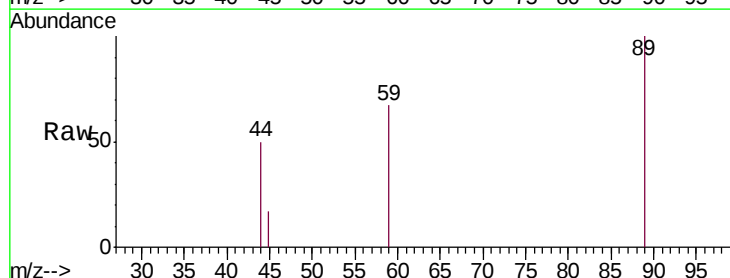
Acq: 22 Sep 2018 17:21

Tgt Ion: 59 Resp: 944

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



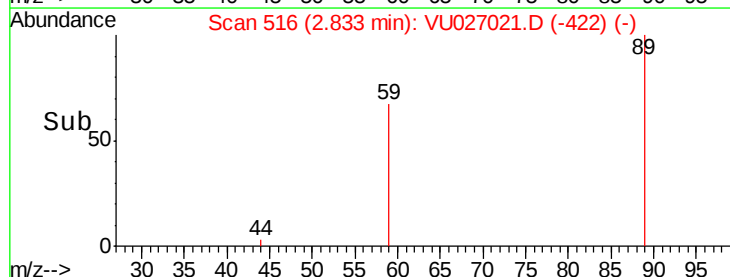
Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

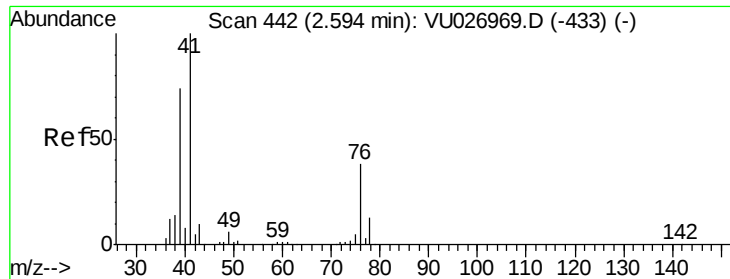
Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

2.83

2.80 2.85

Time-->

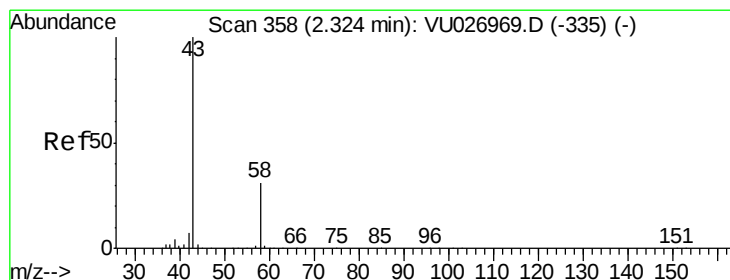
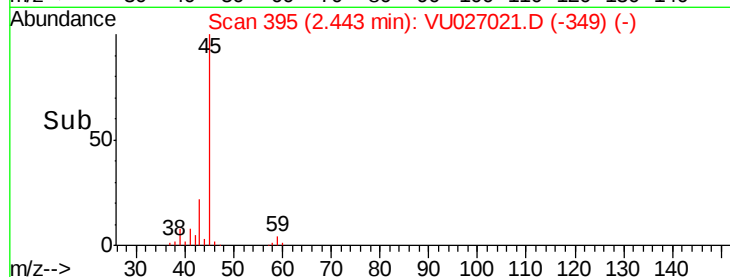
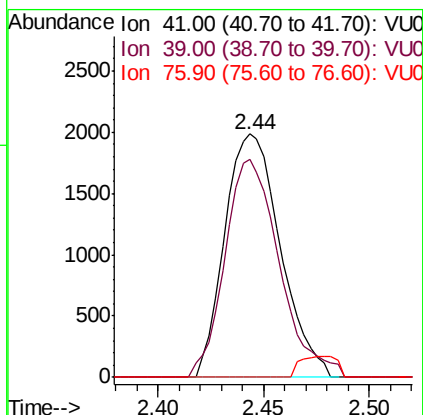
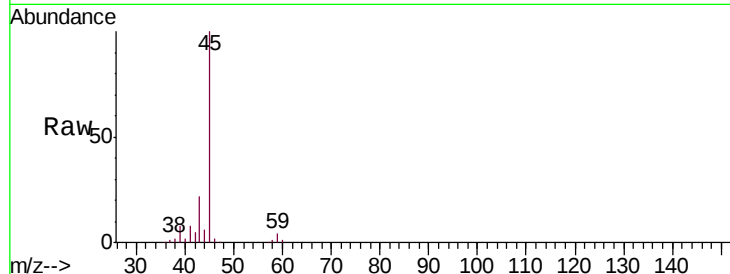




#14
 Allyl chloride
 Concen: 1.362 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027021.D
 Acq: 22 Sep 2018 17:21

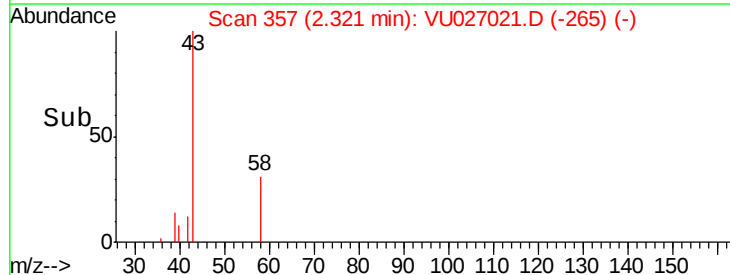
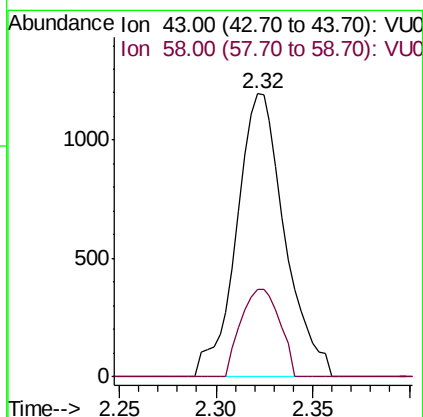
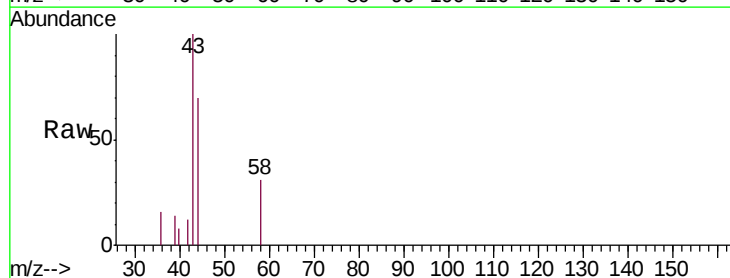
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW306S-20180914

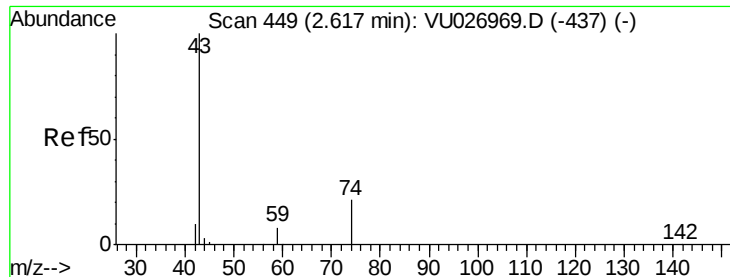
Tgt Ion: 41 Resp: 3635
 Ion Ratio Lower Upper
 41 100
 39 87.6 55.7 83.5#
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU027021.D
 Acq: 22 Sep 2018 17:21

Tgt Ion: 43 Resp: 2068
 Ion Ratio Lower Upper
 43 100
 58 31.0 24.6 36.8

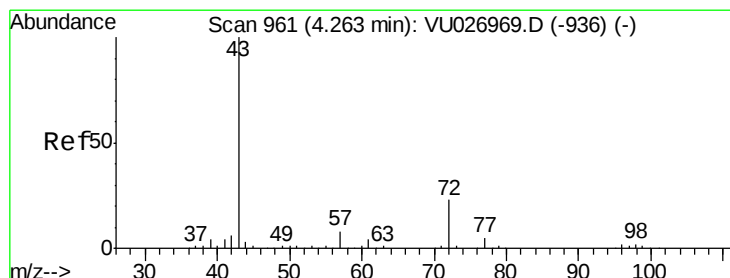
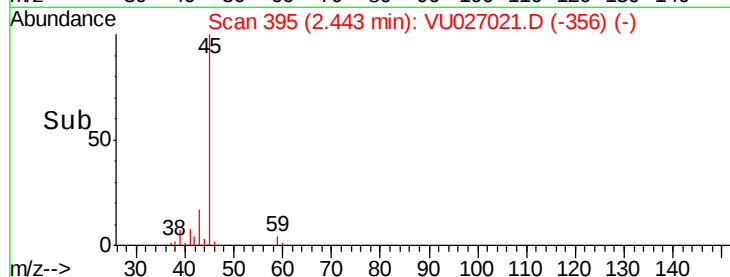
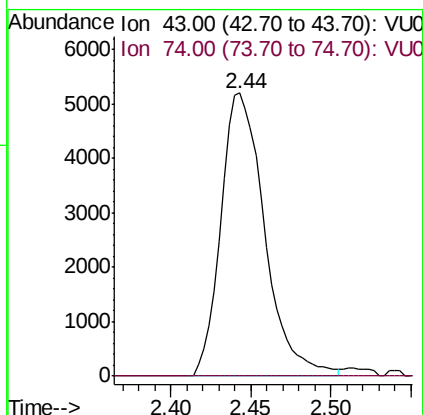
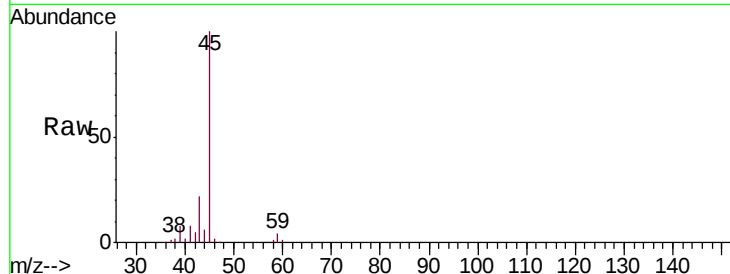




#18
Methyl Acetate
Concen: 3.563 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027021.D
Acq: 22 Sep 2018 17:21

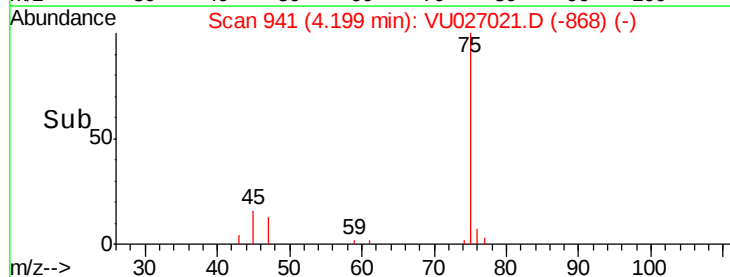
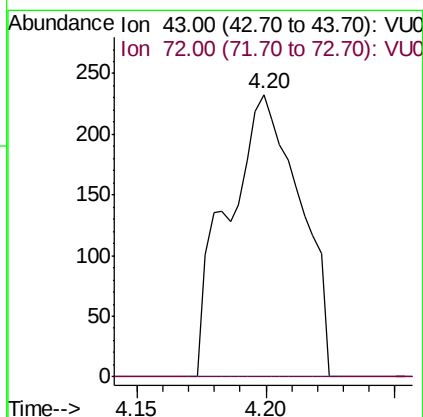
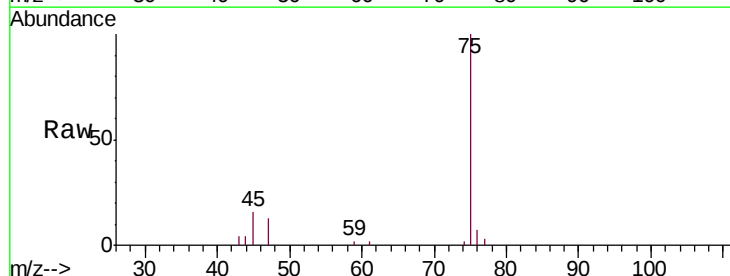
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW306S-20180914

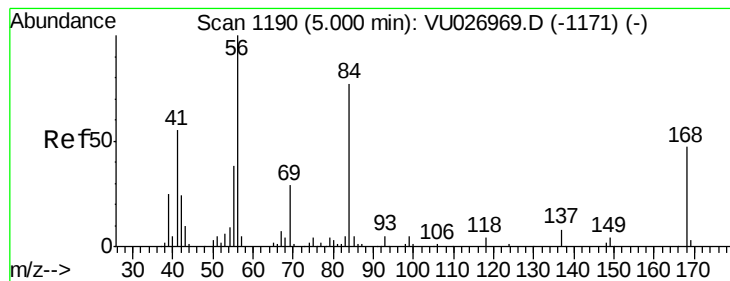
Tgt Ion: 43 Resp: 9722
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#25
2-Butanone
Concen: 0.283 ug/l
RT: 4.20 min Scan# 941
Delta R.T. -0.06 min
Lab File: VU027021.D
Acq: 22 Sep 2018 17:21

Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
72 0.0 18.4 27.6#





#31

Cyclohexane

Concen: 0.271 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.01 min

Lab File: VU027021.D

Acq: 22 Sep 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW306S-20180914

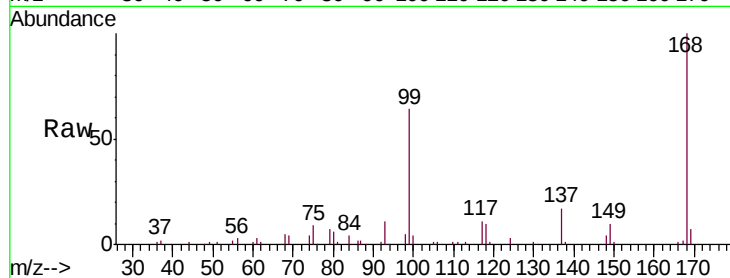
Tgt Ion: 56 Resp: 2407

Ion Ratio Lower Upper

56 100

69 161.7 23.0 34.4#

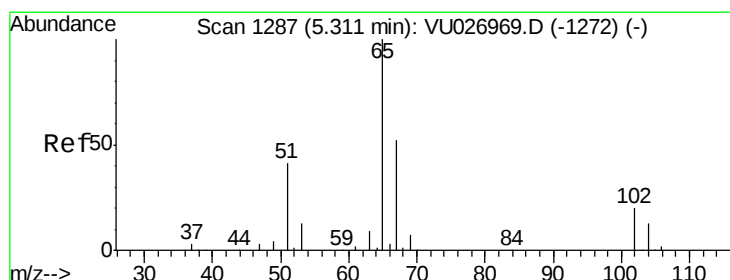
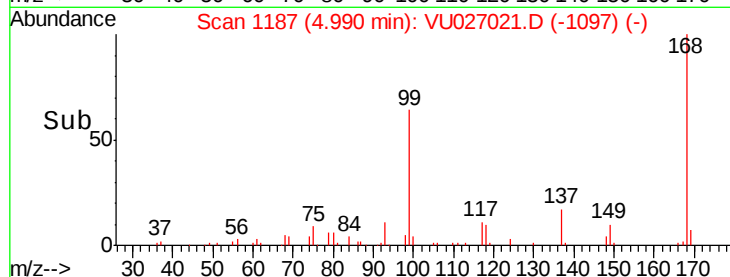
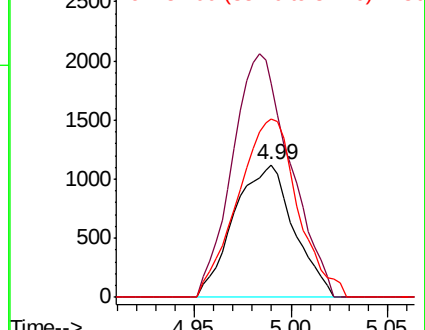
84 134.6 61.4 92.2#



Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU026969.D (-1171) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.604 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027021.D

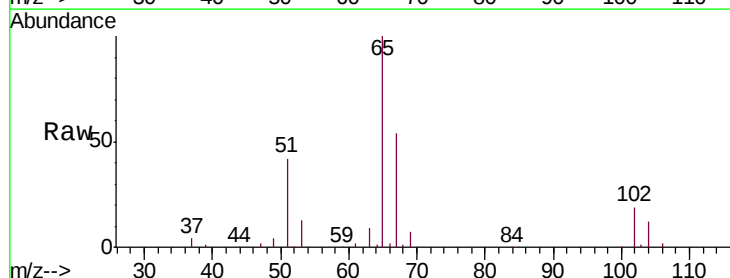
Acq: 22 Sep 2018 17:21

Tgt Ion: 65 Resp: 95087

Ion Ratio Lower Upper

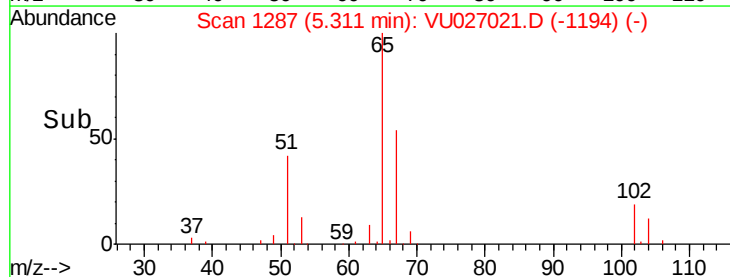
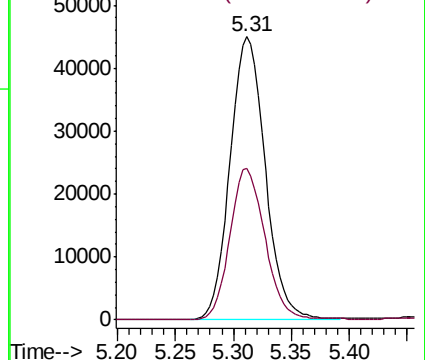
65 100

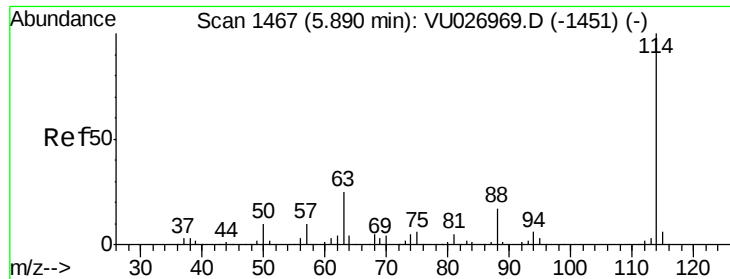
67 53.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

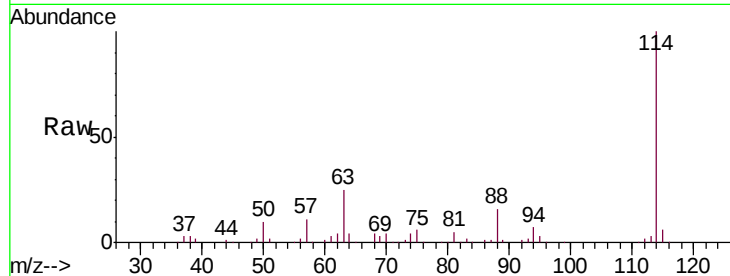




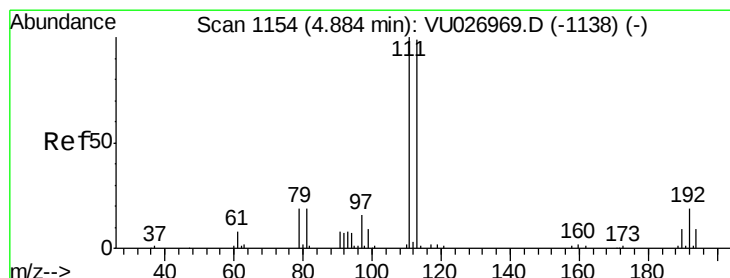
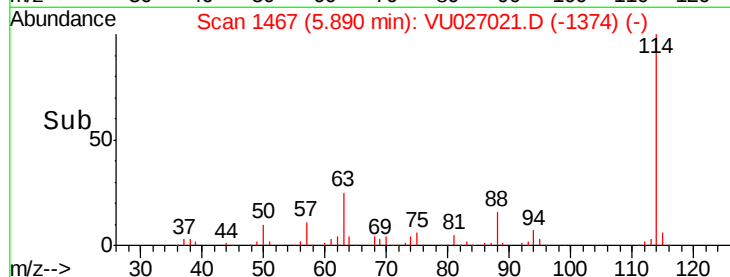
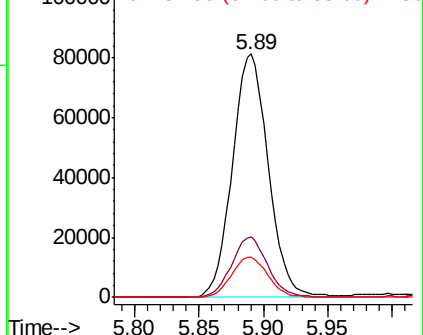
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027021.D
 Acq: 22 Sep 2018 17:21

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW306S-20180914

Tgt Ion:114 Resp: 158097
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.4 0.0 33.8

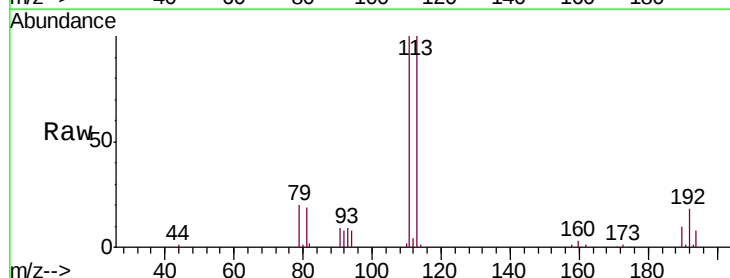


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

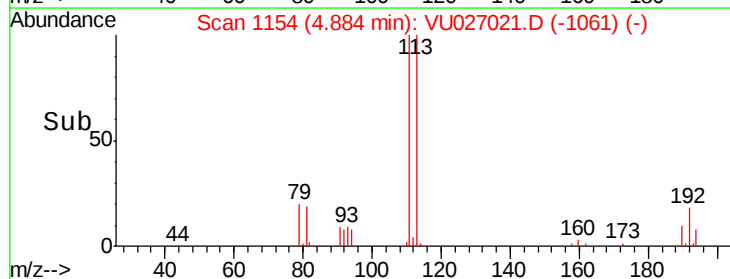
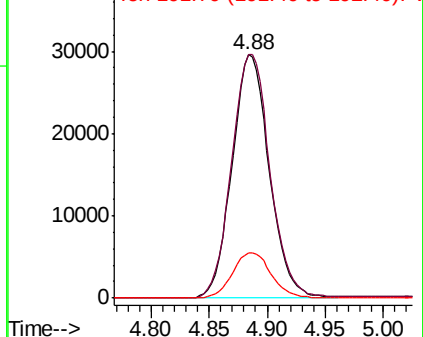


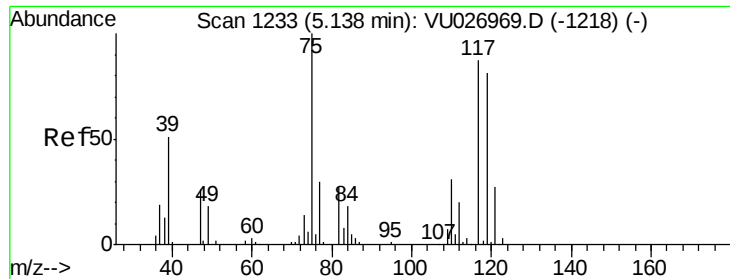
#35
 Dibromofluoromethane
 Concen: 48.215 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027021.D
 Acq: 22 Sep 2018 17:21

Tgt Ion:113 Resp: 66073
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 19.3 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

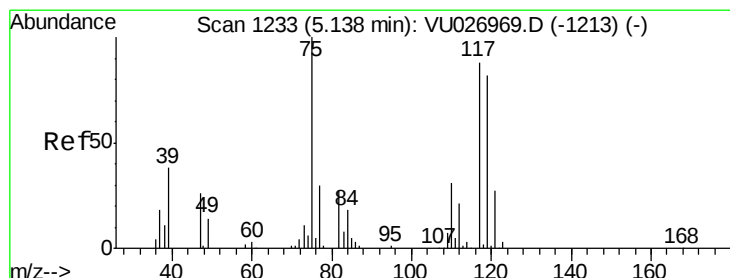
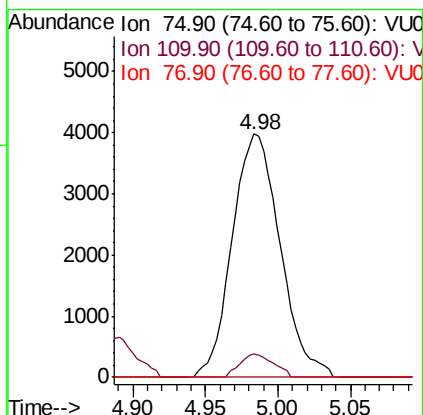
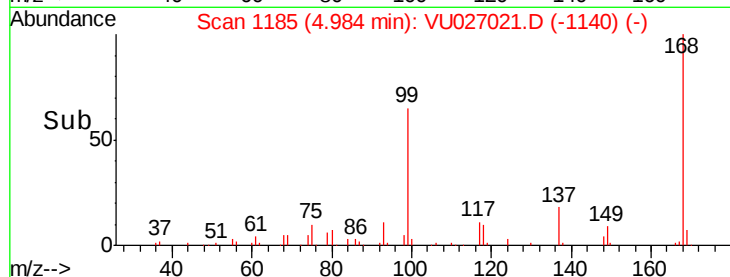
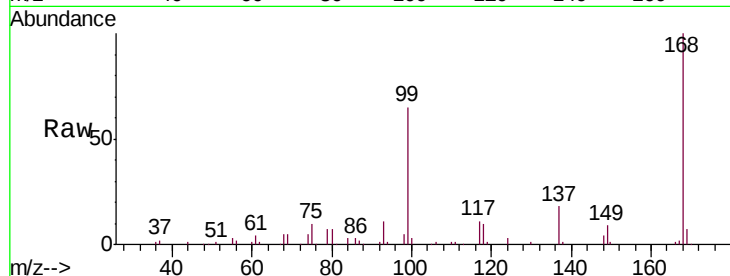




#36
 1,1-Dichloropropene
 Concen: 4.326 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027021.D
 Acq: 22 Sep 2018 17:21

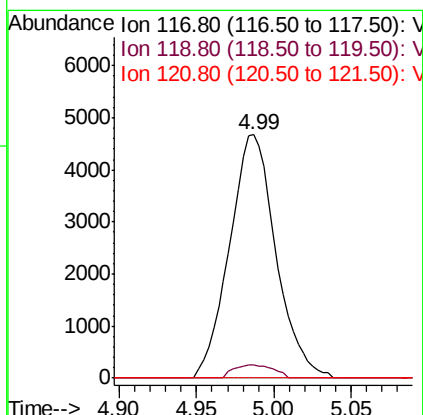
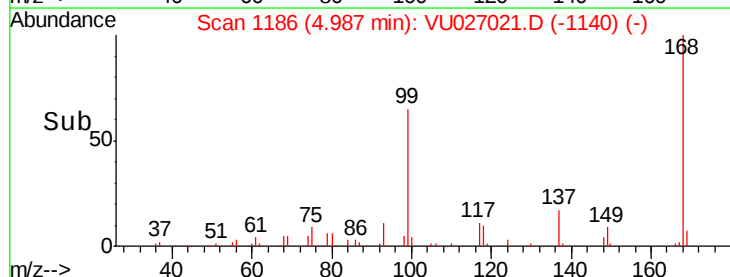
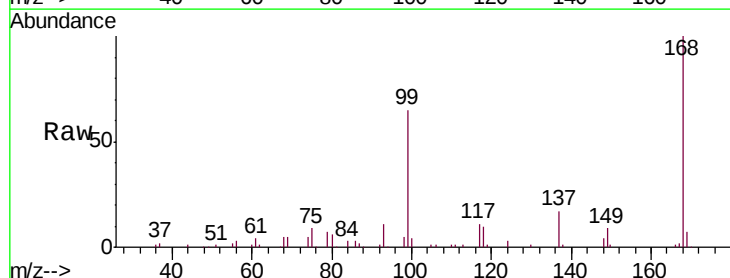
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW306S-20180914

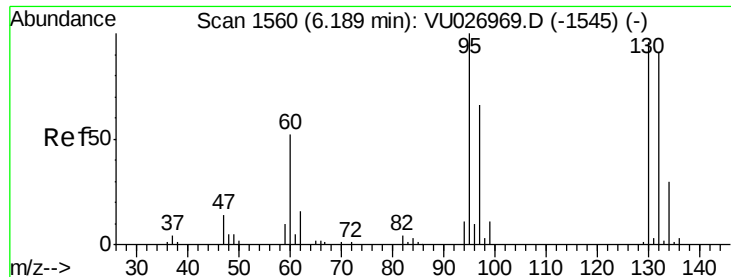
Tgt Ion: 75 Resp: 9127
 Ion Ratio Lower Upper
 75 100
 110 6.8 16.1 48.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 4.856 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027021.D
 Acq: 22 Sep 2018 17:21

Tgt Ion: 117 Resp: 9750
 Ion Ratio Lower Upper
 117 100
 119 5.3 74.4 111.6#
 121 0.0 24.2 36.4#





#44

Trichloroethene

Concen: 0.708 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027021.D

Acq: 22 Sep 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

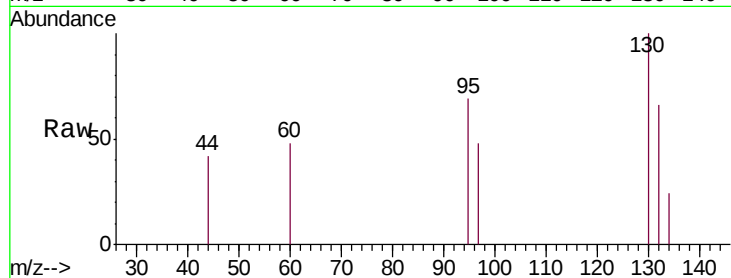
BPSI-TT-MW306S-20180914

Tgt Ion:130 Resp: 967

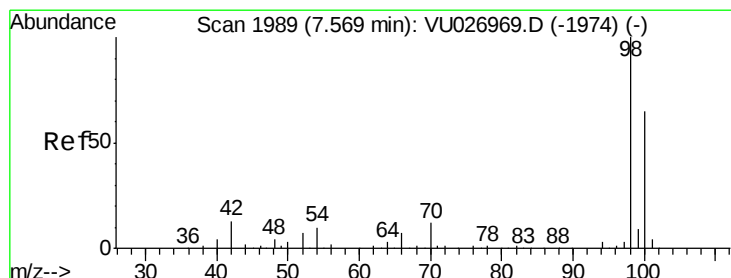
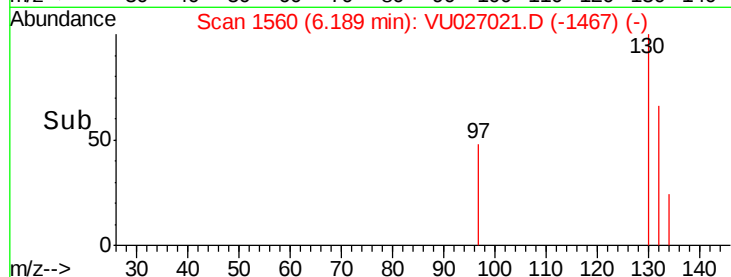
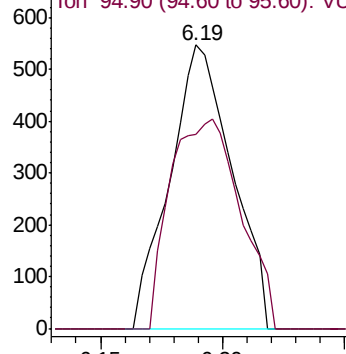
Ion Ratio Lower Upper

130 100

95 68.6 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)



#50

Toluene-d8

Concen: 46.965 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027021.D

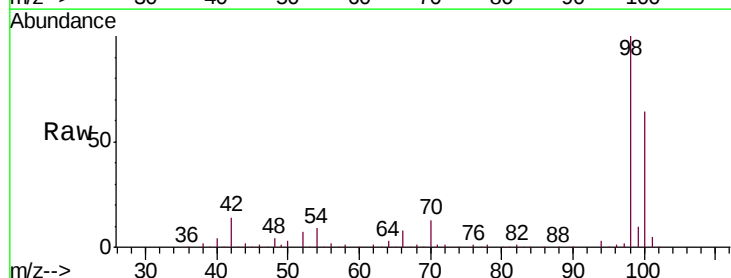
Acq: 22 Sep 2018 17:21

Tgt Ion: 98 Resp: 245277

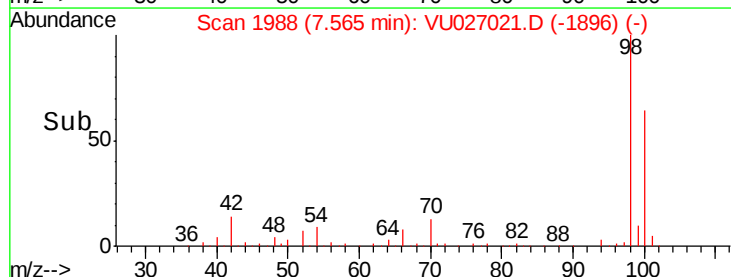
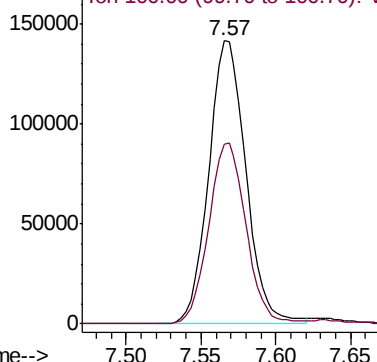
Ion Ratio Lower Upper

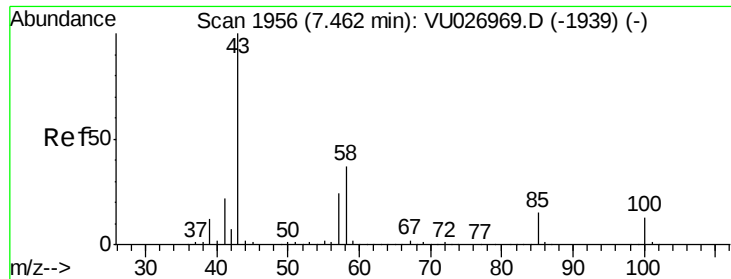
98 100

100 64.1 52.1 78.1



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





#51

4-Methyl-2-Pentanone

Concen: 0.421 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU027021.D

Acq: 22 Sep 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

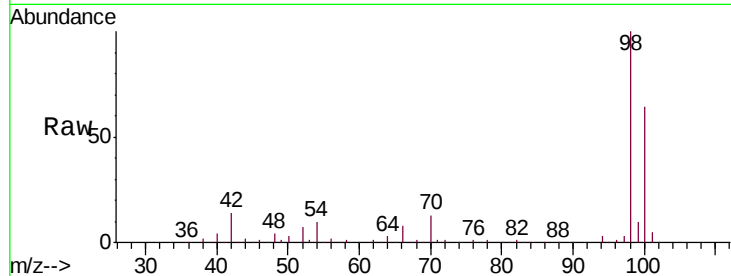
BPSI-TT-MW306S-20180914

Tgt Ion: 43 Resp: 1180

Ion Ratio Lower Upper

43 100

58 182.5 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

1500

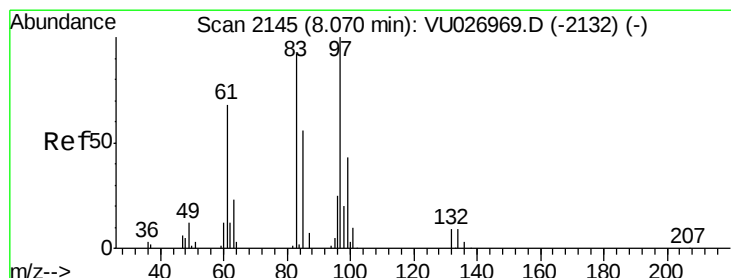
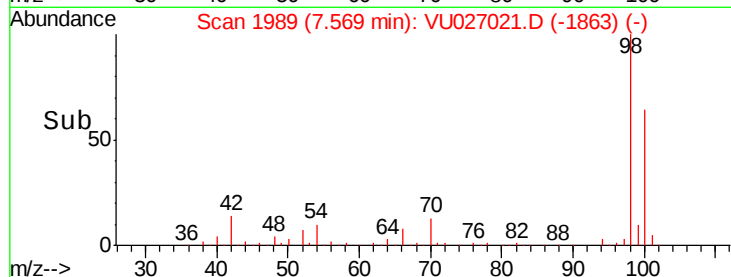
1000

500

0

7.55 7.57 7.60

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.303 ug/l

RT: 8.18 min Scan# 2180

Delta R.T. 0.11 min

Lab File: VU027021.D

Acq: 22 Sep 2018 17:21

Tgt Ion: 97 Resp: 472

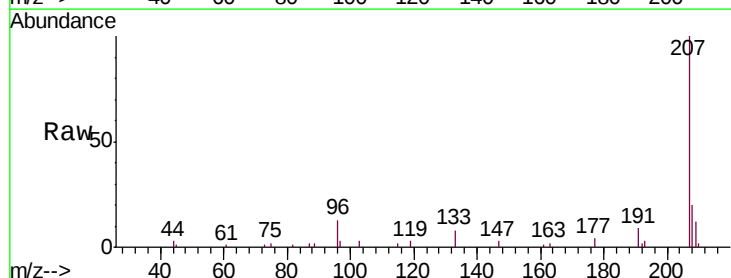
Ion Ratio Lower Upper

97 100

83 0.0 73.1 109.7#

85 0.0 46.7 70.1#

99 0.0 50.0 75.0#



Abundance Ion 96.90 (96.60 to 97.60): VU026969.D (-2132) (-)

Ion 82.90 (82.60 to 83.60): VU026969.D (-2132) (-)

Ion 84.90 (84.60 to 85.60): VU026969.D (-2132) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-2132) (-)

500

400

300

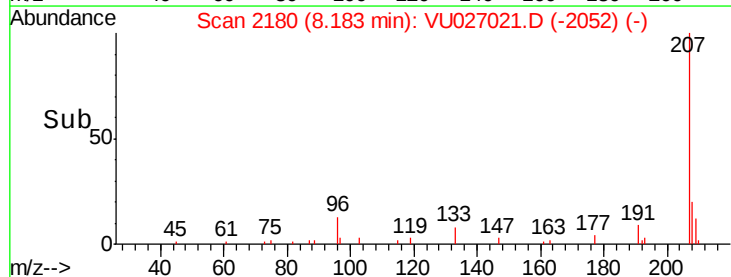
200

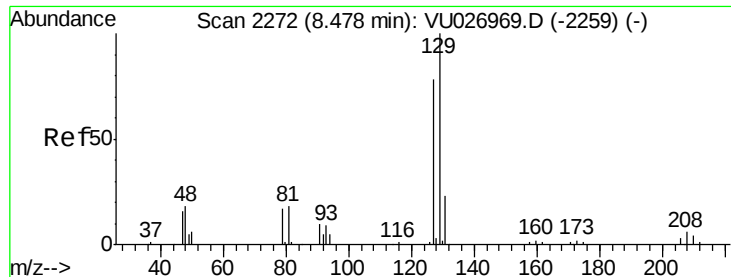
100

0

8.14 8.16 8.18 8.20

Time-->





#60

Dibromochloromethane

Concen: 0.280 ug/l

RT: 8.23 min Scan# 2195

Delta R.T. -0.25 min

Lab File: VU027021.D

Acq: 22 Sep 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

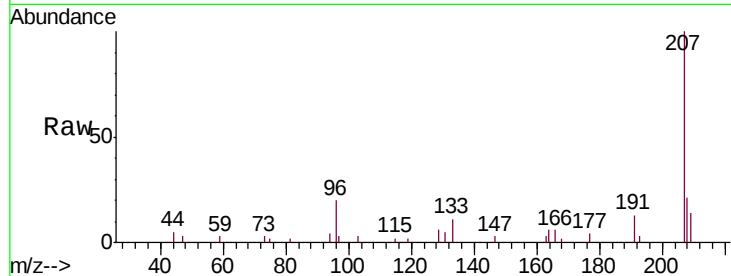
BPSI-TT-MW306S-20180914

Tgt Ion:129 Resp: 428

Ion Ratio Lower Upper

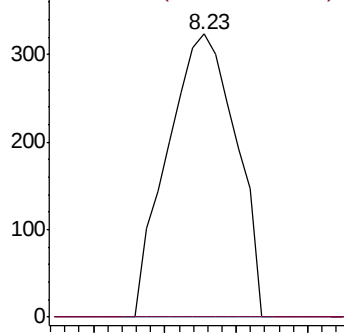
129 100

127 0.0 38.1 114.5#

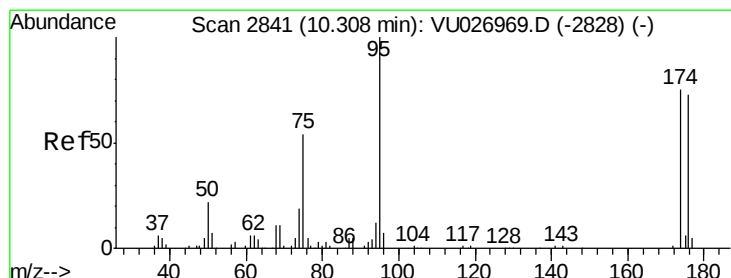
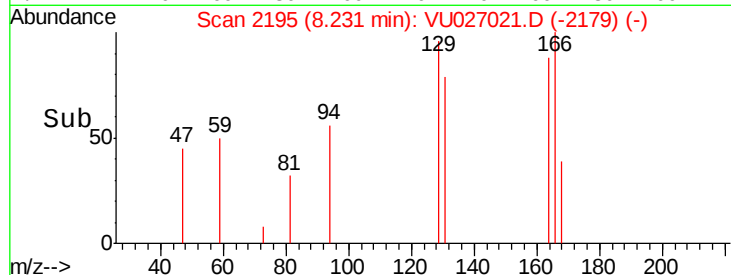


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 45.820 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027021.D

Acq: 22 Sep 2018 17:21

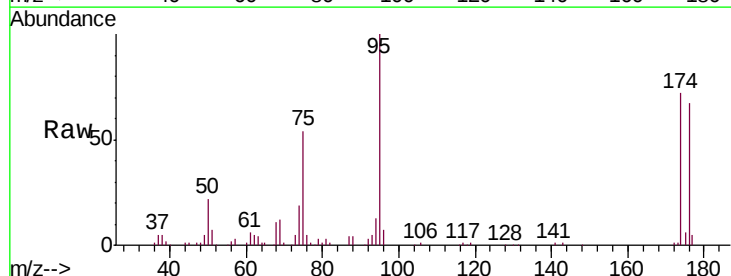
Tgt Ion: 95 Resp: 82112

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.2

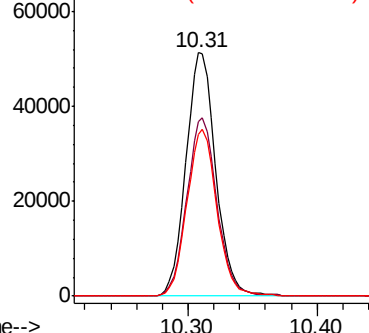
176 69.1 0.0 145.2



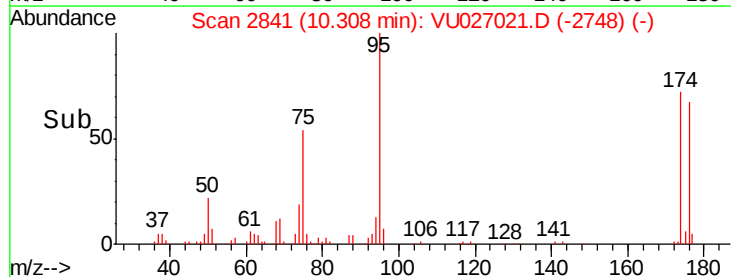
Abundance Ion 94.90 (94.60 to 95.60): VU0

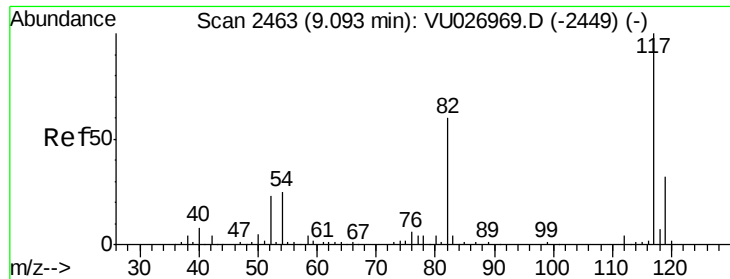
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

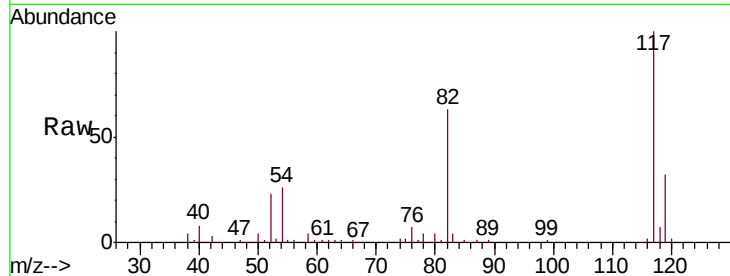




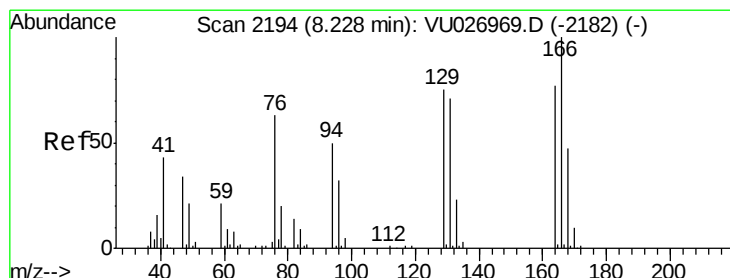
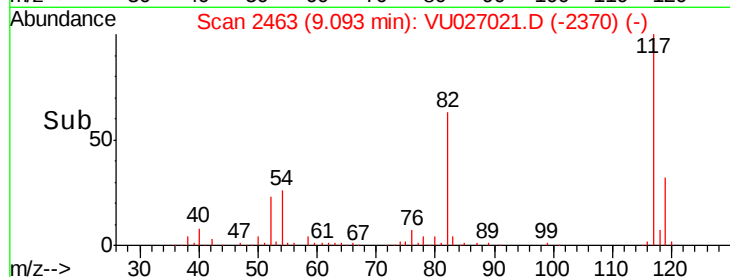
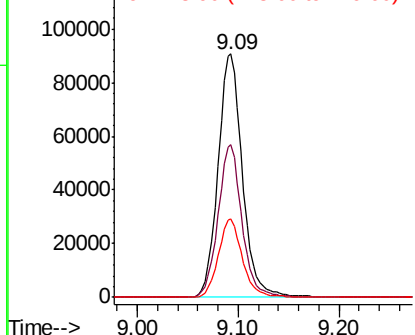
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027021.D
Acq: 22 Sep 2018 17:21

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW306S-20180914

Tgt Ion:117 Resp: 152911
Ion Ratio Lower Upper
117 100
82 62.8 48.0 72.0
119 32.0 25.8 38.8



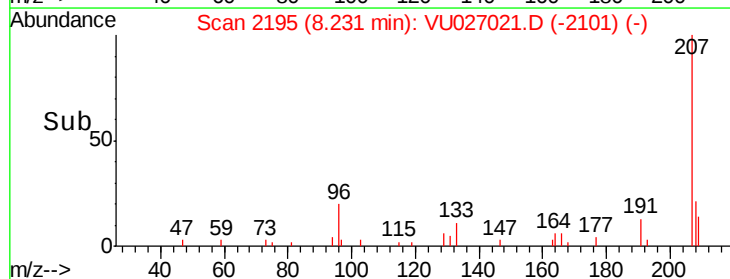
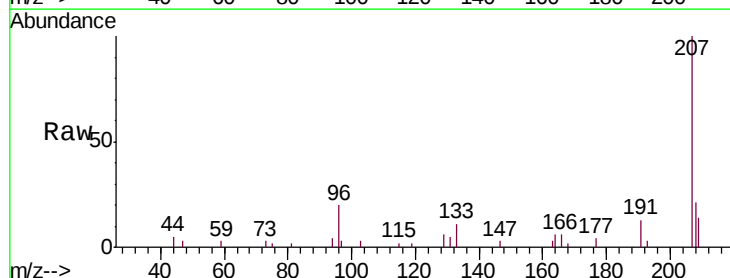
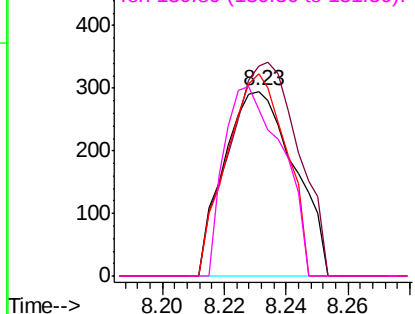
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

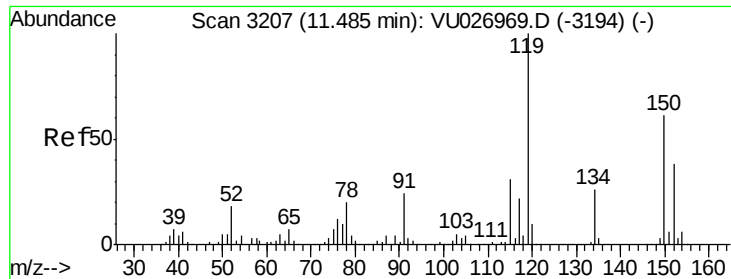


#64
Tetrachloroethene
Concen: 0.396 ug/l
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027021.D
Acq: 22 Sep 2018 17:21

Tgt Ion:164 Resp: 467
Ion Ratio Lower Upper
164 100
166 113.9 104.4 156.6
129 109.5 78.7 118.1
131 90.5 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VU027021.D

Acq: 22 Sep 2018 17:21

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW306S-20180914

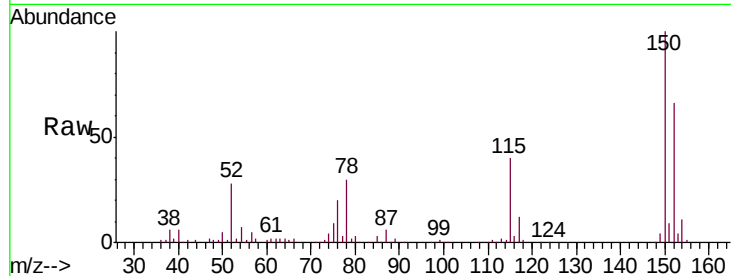
Tgt Ion:152 Resp: 71423

Ion Ratio Lower Upper

152 100

115 61.0 44.9 134.5

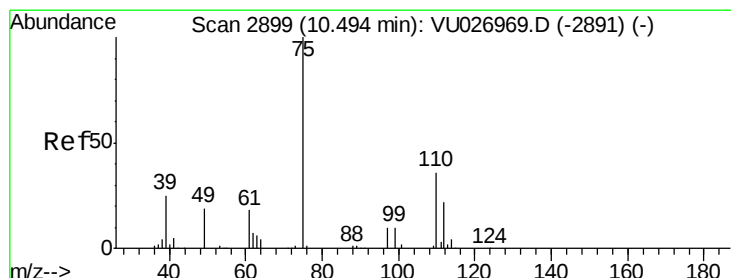
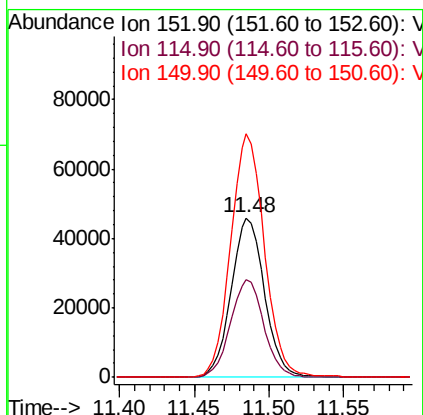
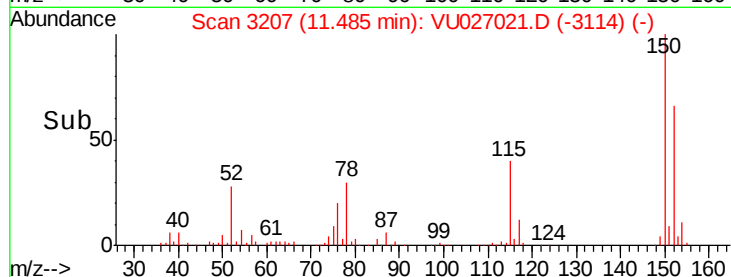
150 154.4 0.0 355.8



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



#76

1,2,3-Trichloropropane

Concen: 20.048 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027021.D

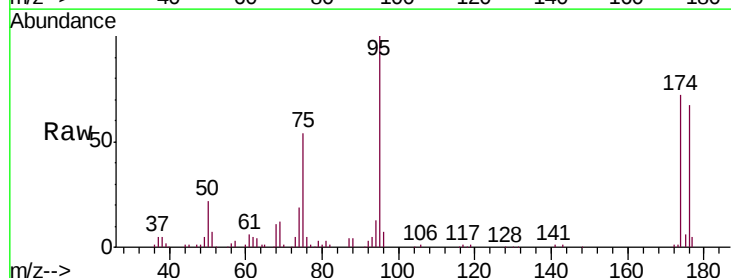
Acq: 22 Sep 2018 17:21

Tgt Ion: 75 Resp: 43501

Ion Ratio Lower Upper

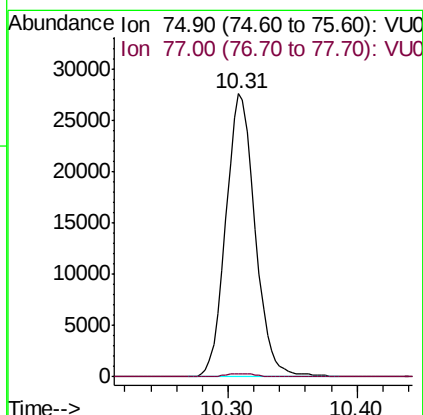
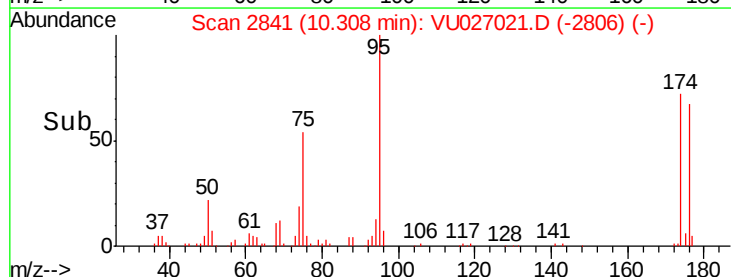
75 100

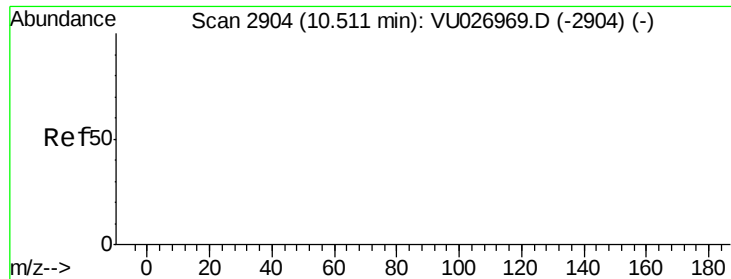
77 1.2 20.9 62.8#



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: 64.158 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027021.D
 Acq: 22 Sep 2018 17:21

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW306S-20180914

Tgt Ion: 75 Resp: 43501
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

