

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027242.D
 Acq On : 27 Sep 2018 22:33
 Operator : MD/SY
 Sample : J5033-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW313S-2018020

Quant Time: Sep 28 03:42:23 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	88433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	150557	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	146121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	65066	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	95407	53.60	ug/l	0.00
Spiked Amount			Recovery	=	107.20%	
35) Dibromofluoromethane	4.88	113	66012	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	7.57	98	242739	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	10.31	95	77278	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	

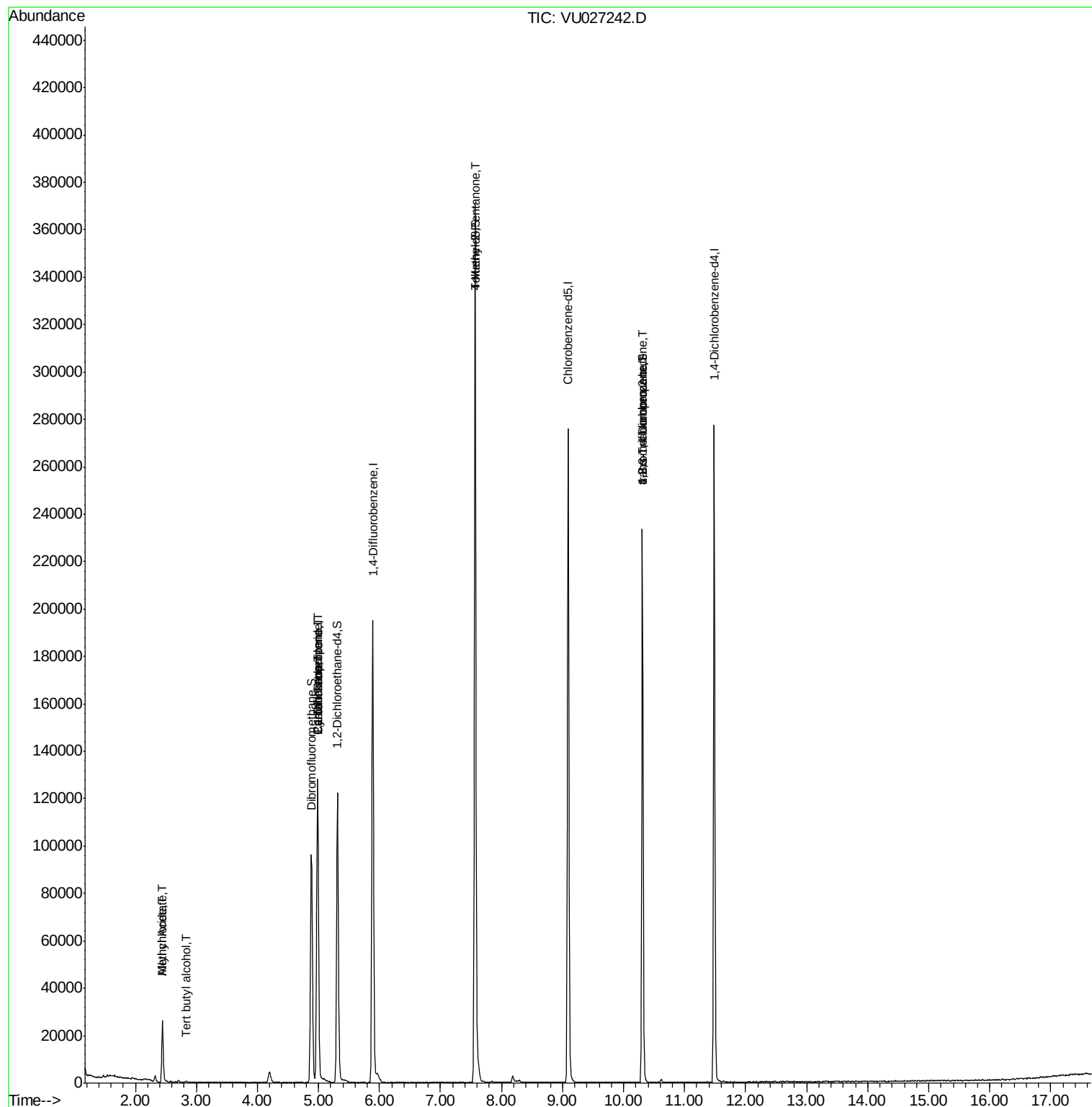
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.82	59	274	0.672	ug/l #	72
14) Allyl chloride	2.44	41	2621	1.058	ug/l #	71
16) Acetone	2.32	43	2958	Below Cal		93
18) Methyl Acetate	2.44	43	6484	2.559	ug/l #	55
31) Cyclohexane	4.99	56	2398	0.333	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8478	4.219	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9386	4.909	ug/l #	20
51) 4-Methyl-2-Pentanone	7.57	43	1180	0.442	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	41022	20.753	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	41022	66.413	ug/l #	100

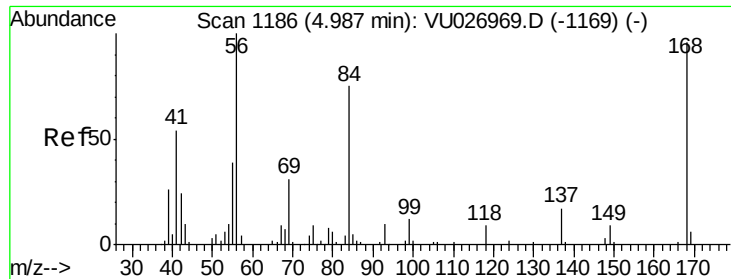
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092818\
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Quant Method : Z:\V0ASRV\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: VU027242.D

Acq: 27 Sep 2018 22:33

Instrument :

MSVOA_U

ClientSampleId :

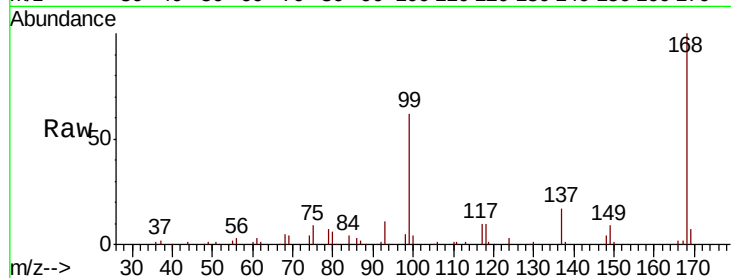
BPSI-TT-MW313S-2018020

Tot Ion:168 Resp: 88433

Ion Ratio Lower Upper

168 100

99 62.3 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

40000

30000

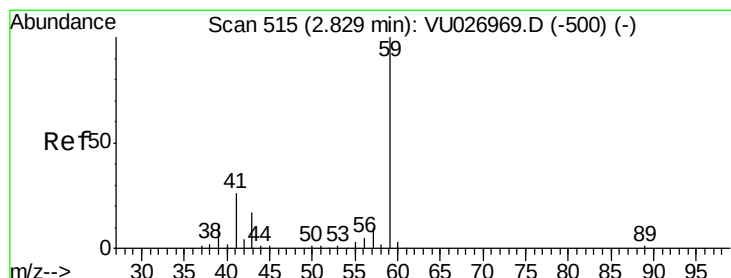
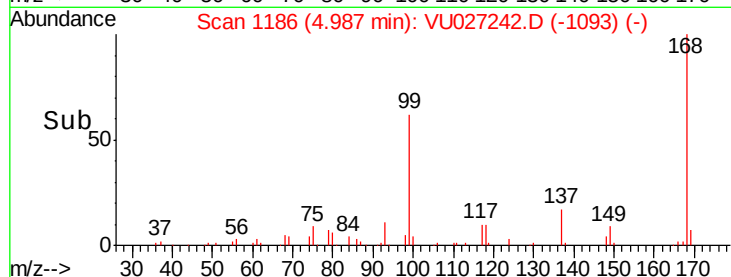
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#11

Tert butyl alcohol

Concen: 0.672 ug/l

RT: 2.82 min Scan# 513

Delta R.T. -0.01 min

Lab File: VU027242.D

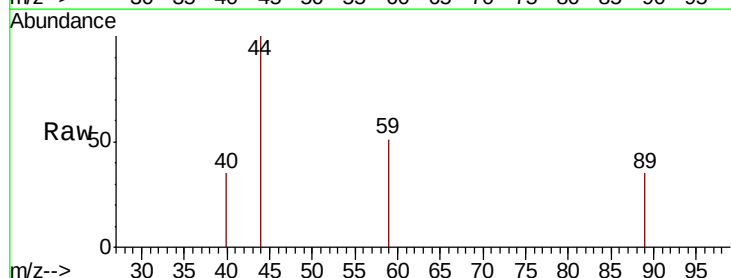
Acq: 27 Sep 2018 22:33

Tgt Ion: 59 Resp: 274

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) (-)

2.82

150

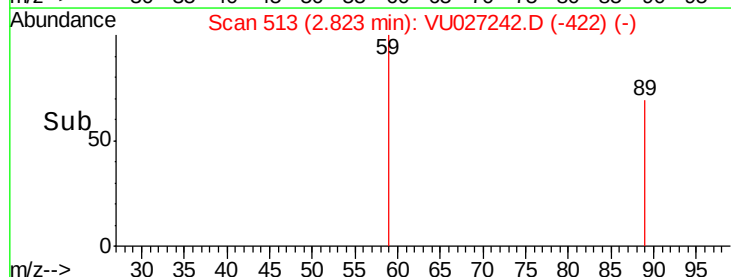
100

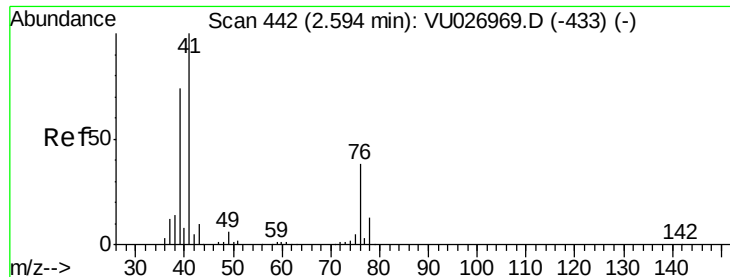
50

0

2.80 2.82 2.84 2.86

Time-->

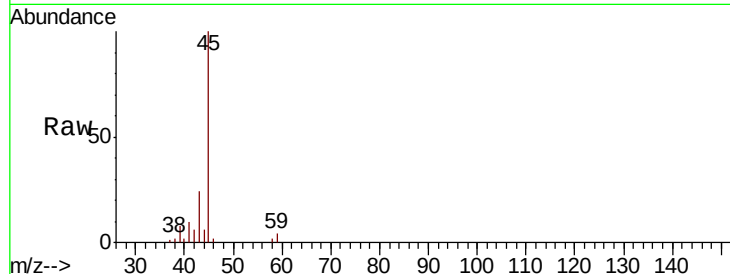




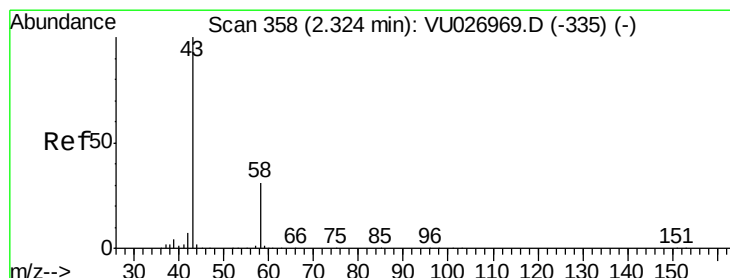
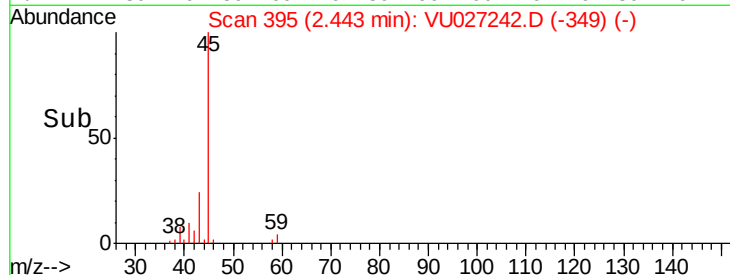
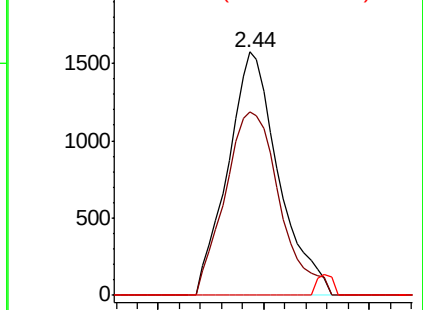
#14
Allvl chloride
Concen: 1.058 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.15 min
Lab File: VU027242.D
Acq: 27 Sep 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW313S-2018020

Tot Ion: 41 Resp: 2621
Ion Ratio Lower Upper
41 100
39 81.4 55.7 83.5
76 0.0 26.5 39.7#

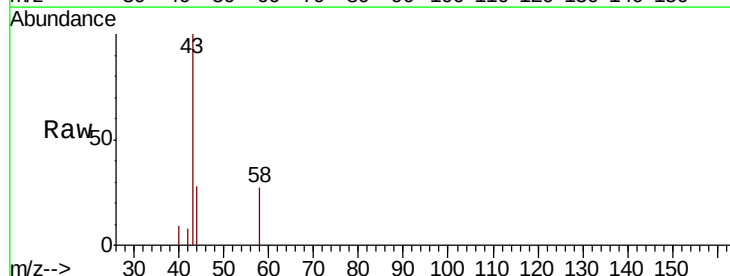


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 75.90 (75.60 to 76.60): VU0

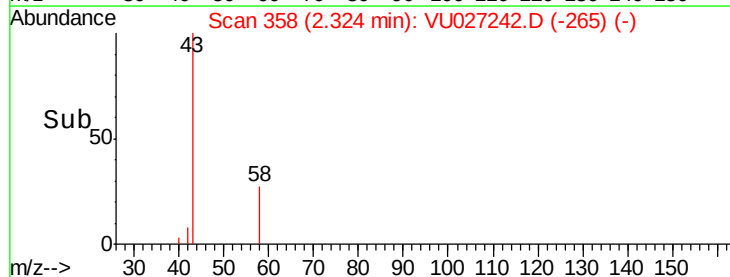
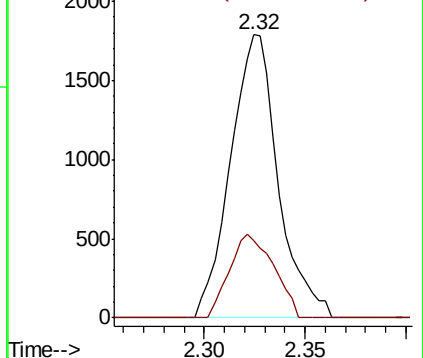


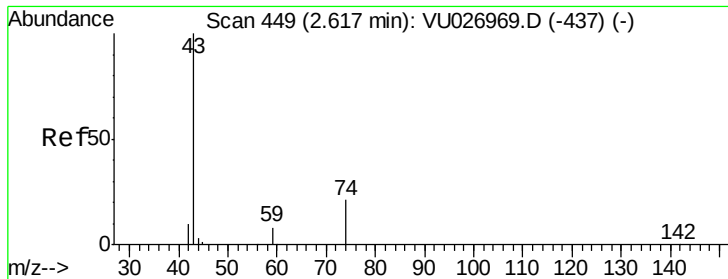
#16
Acetone
Concen: Below Cal
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027242.D
Acq: 27 Sep 2018 22:33

Tgt Ion: 43 Resp: 2958
Ion Ratio Lower Upper
43 100
58 27.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

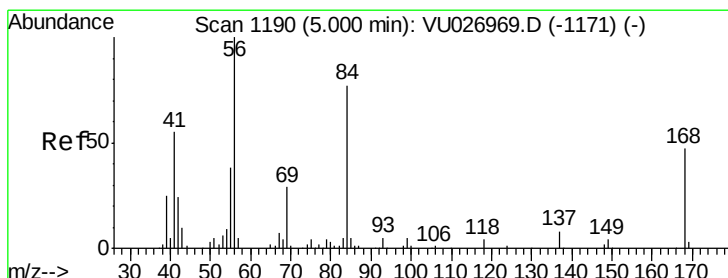
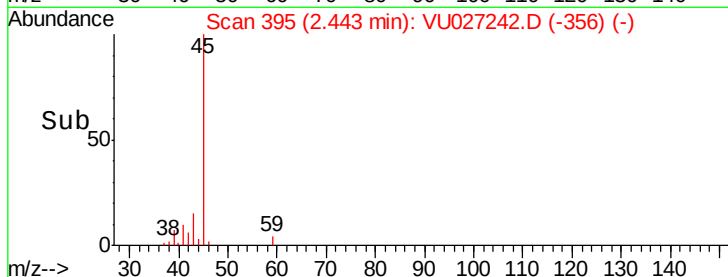
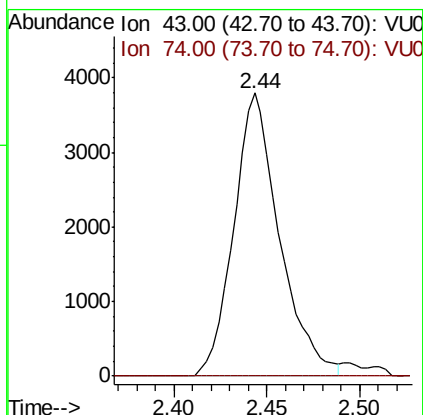
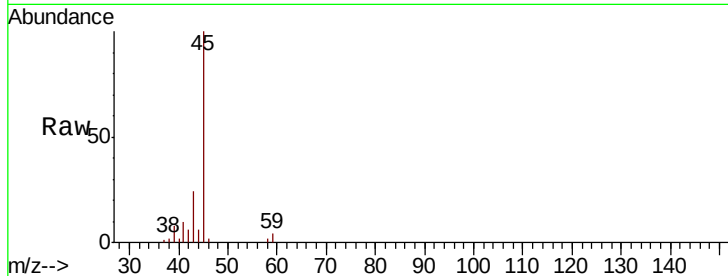




#18
Methvl Acetate
Concen: 2.559 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027242.D
Acq: 27 Sep 2018 22:33

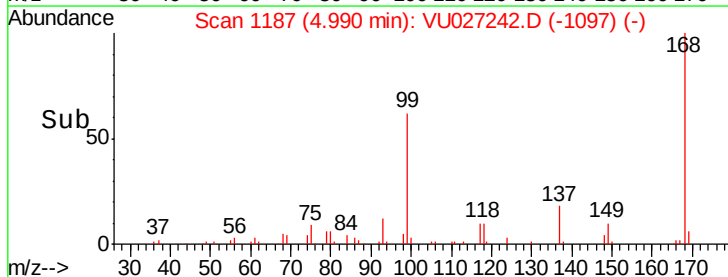
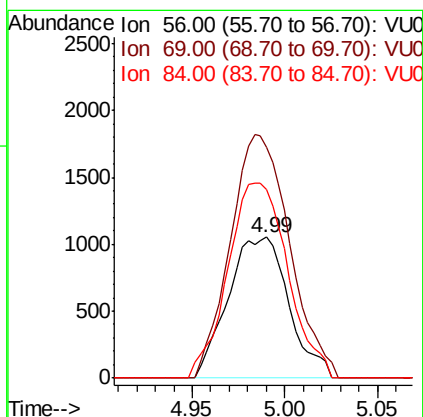
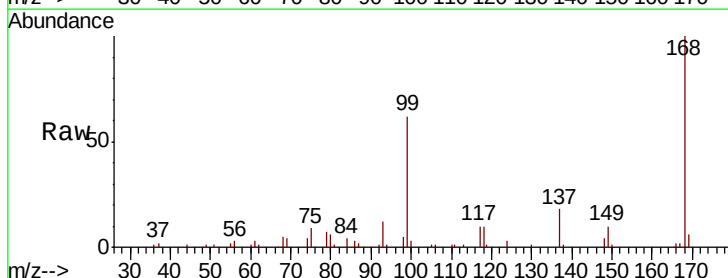
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW313S-2018020

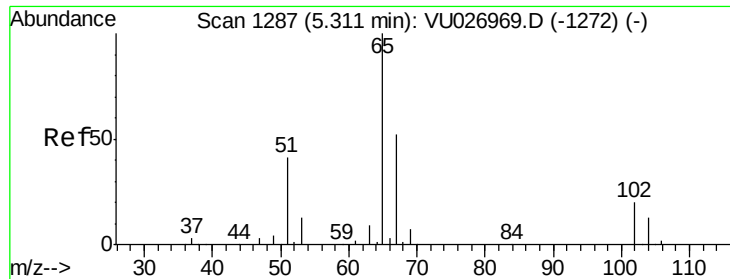
Tot Ion: 43 Resp: 6484
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.333 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.01 min
Lab File: VU027242.D
Acq: 27 Sep 2018 22:33

Tgt Ion: 56 Resp: 2398
Ion Ratio Lower Upper
56 100
69 164.0 23.0 34.4#
84 133.6 61.4 92.2#

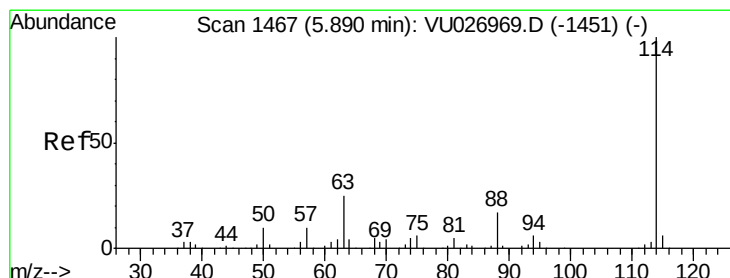
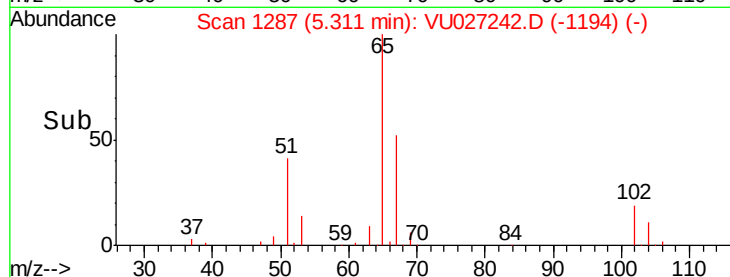
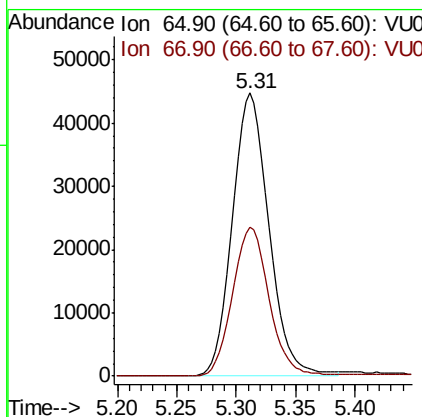
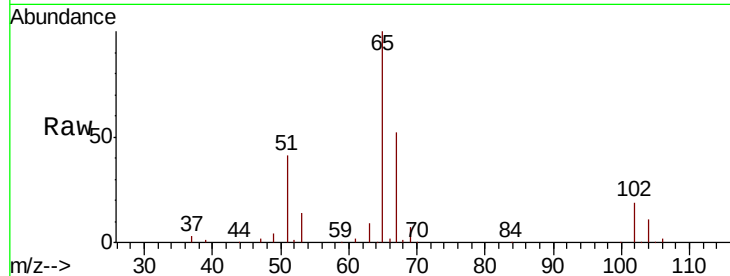




#33
 1,2-Dichloroethane-d4
 Concen: 53.604 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027242.D
 Acq: 27 Sep 2018 22:33

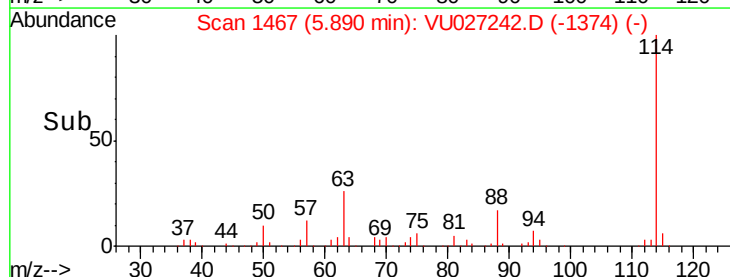
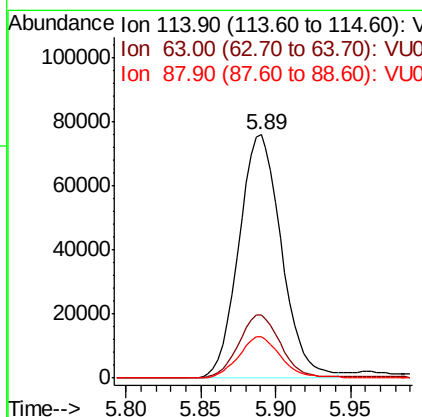
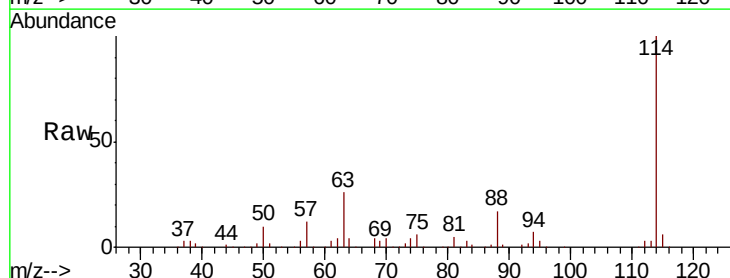
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW313S-2018020

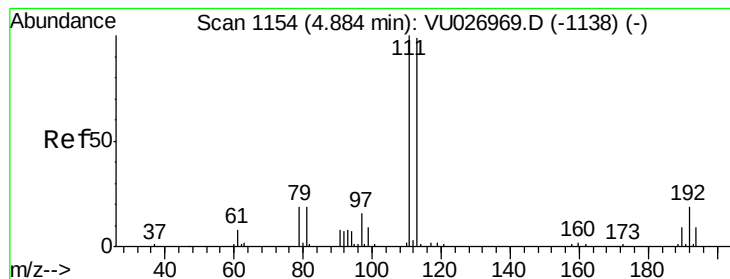
Tot Ion: 65 Resp: 95407
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027242.D
 Acq: 27 Sep 2018 22:33

Tgt Ion: 114 Resp: 150557
 Ion Ratio Lower Upper
 114 100
 63 26.1 0.0 49.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.583 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027242.D

Acq: 27 Sep 2018 22:33

Instrument :

MSVOA_U

ClientSampleId :

BPSI-TT-MW313S-2018020

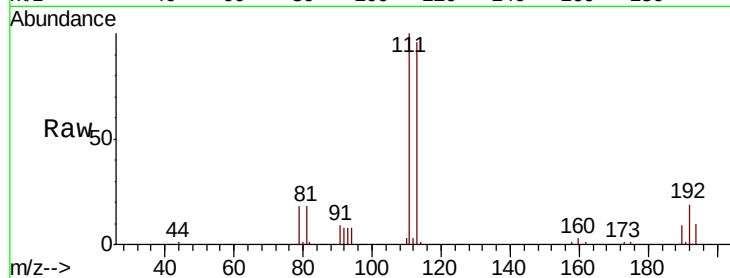
Tot Ion:113 Resp: 66012

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

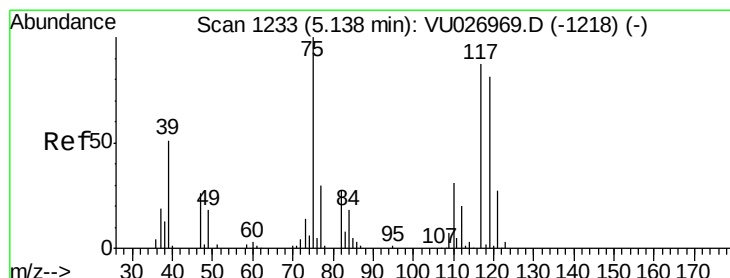
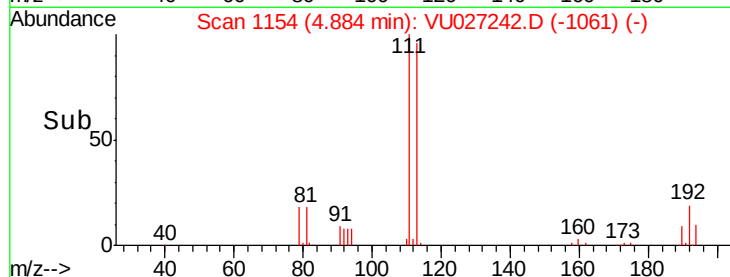
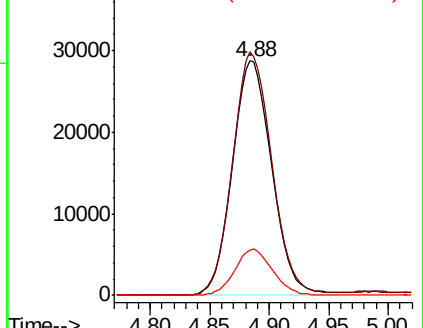
192 18.9 15.2 22.8



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: 4.219 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027242.D

Acq: 27 Sep 2018 22:33

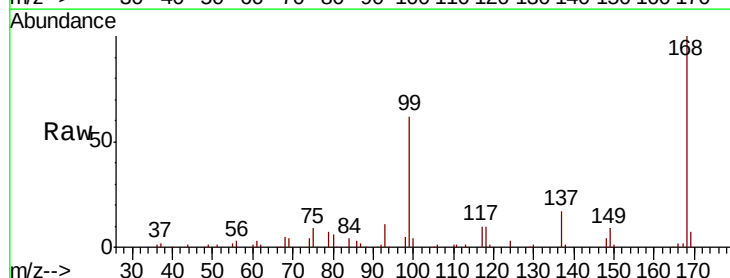
Tgt Ion: 75 Resp: 8478

Ion Ratio Lower Upper

75 100

110 7.0 16.1 48.2#

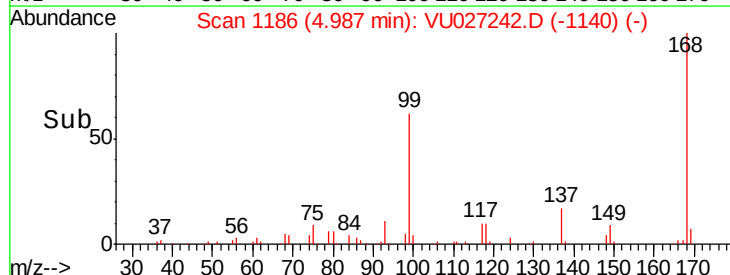
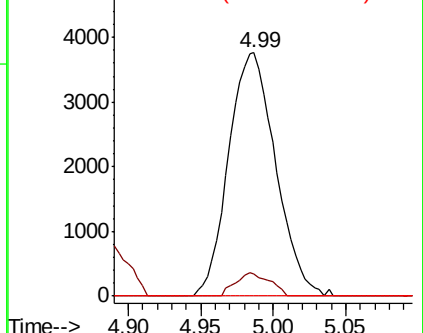
77 0.0 24.6 36.8#

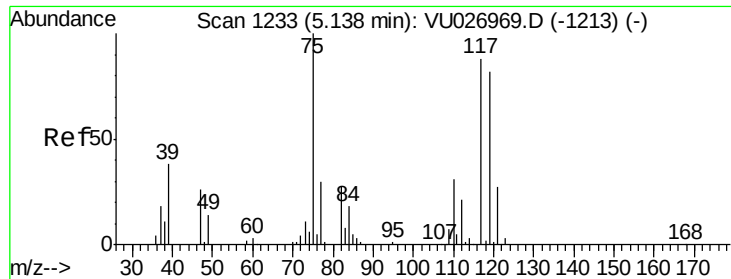


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

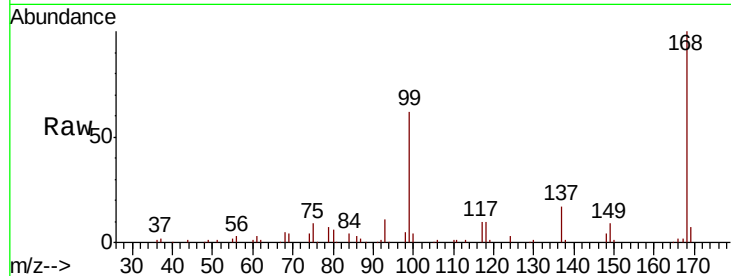




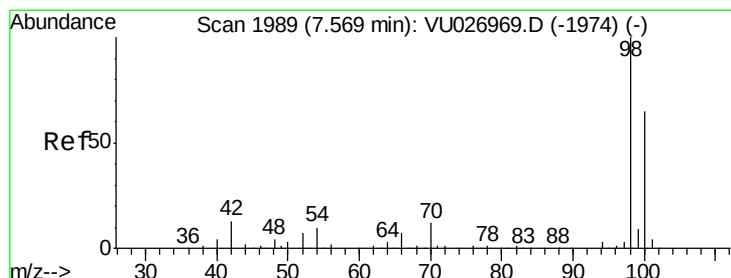
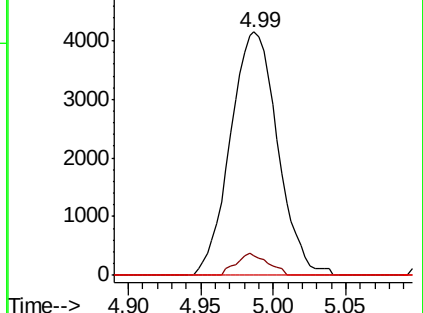
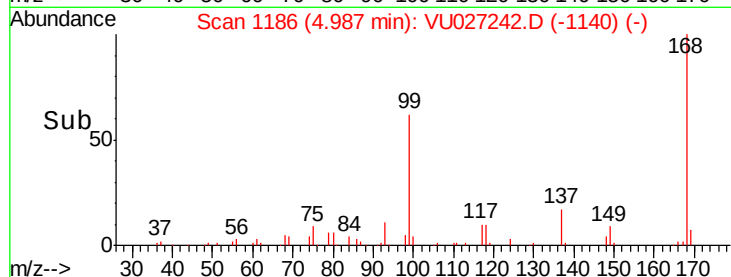
#38
Carbon Tetrachloride
Concen: 4.909 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027242.D
Acq: 27 Sep 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW313S-2018020

Tot Ion:117 Resp: 9386
Ion Ratio Lower Upper
117 100
119 8.3 74.4 111.6#
121 0.0 24.2 36.4#

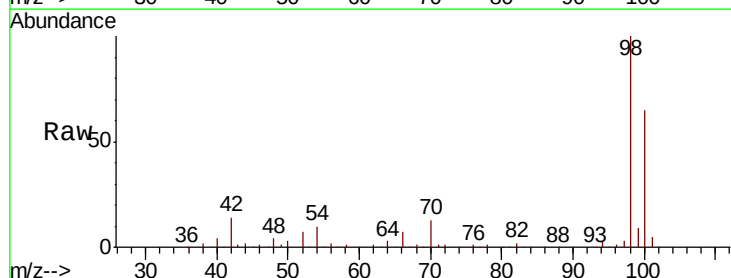


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

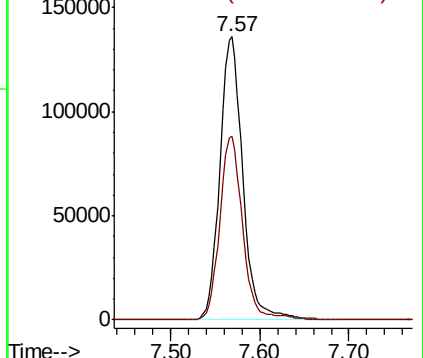
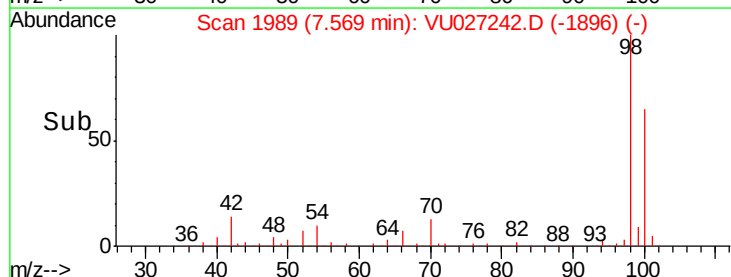


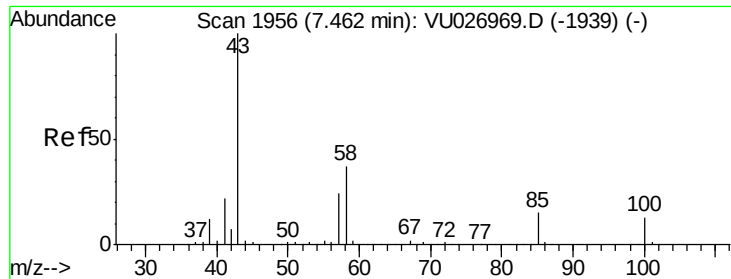
#50
Toluene-d8
Concen: 48.806 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027242.D
Acq: 27 Sep 2018 22:33

Tgt Ion: 98 Resp: 242739
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU





#51

4-Methyl-2-Pentanone

Concen: 0.442 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU027242.D

Acq: 27 Sep 2018 22:33

Instrument :

MSVOA_U

ClientSampleId :

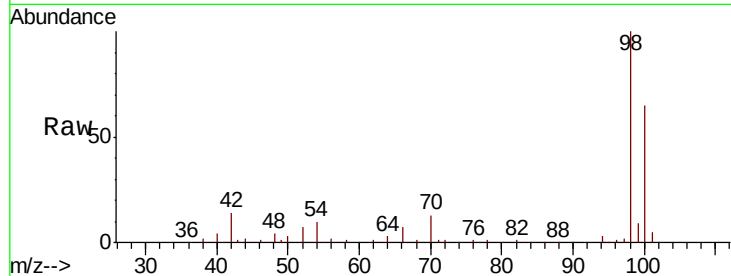
BPSI-TT-MW313S-2018020

Tot Ion: 43 Resp: 1180

Ion Ratio Lower Upper

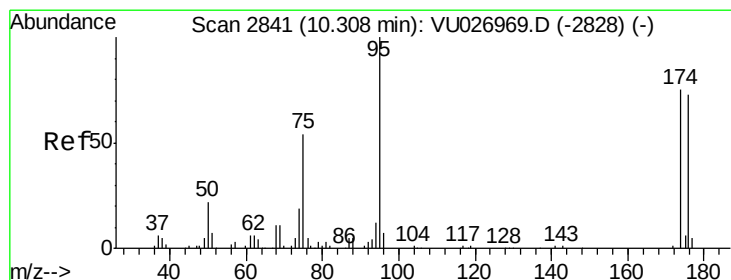
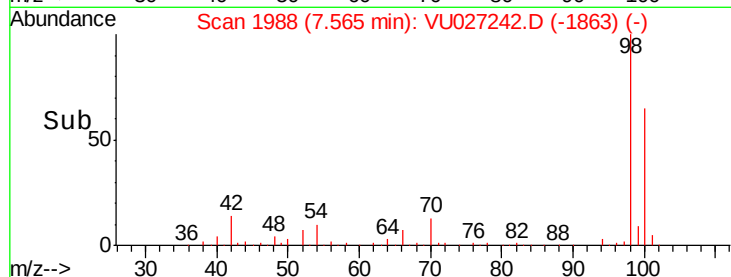
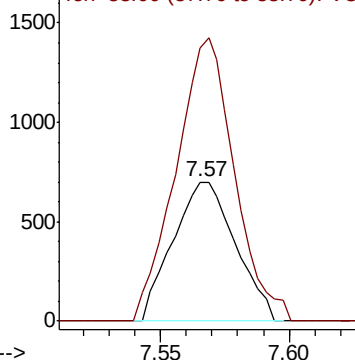
43 100

58 191.4 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 45.283 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027242.D

Acq: 27 Sep 2018 22:33

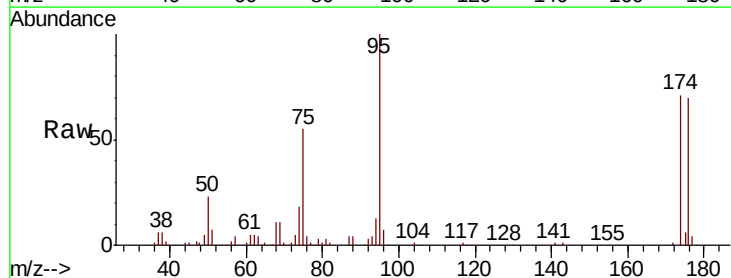
Tgt Ion: 95 Resp: 77278

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.2

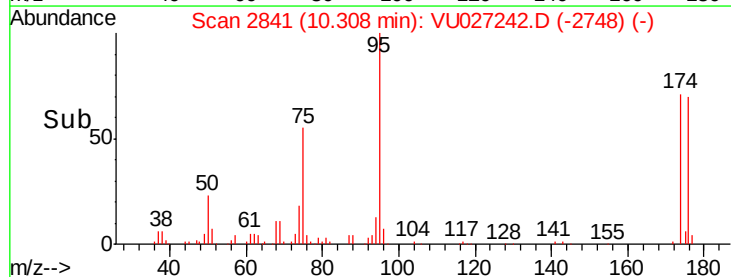
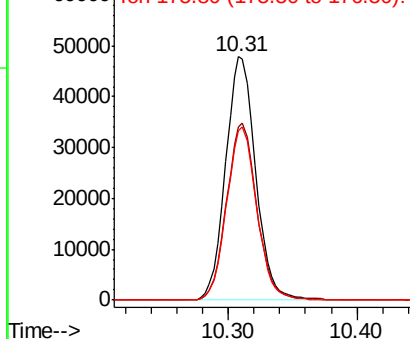
176 71.4 0.0 145.2

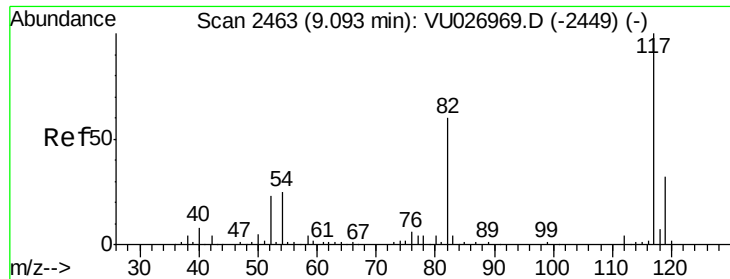


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

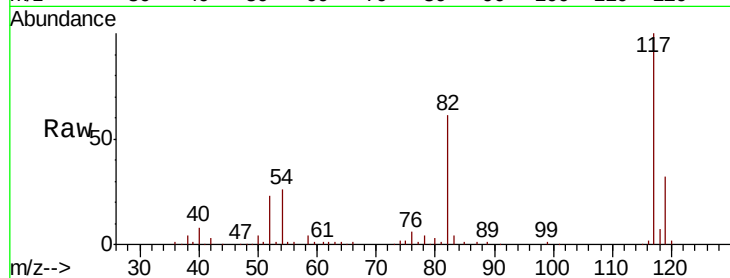




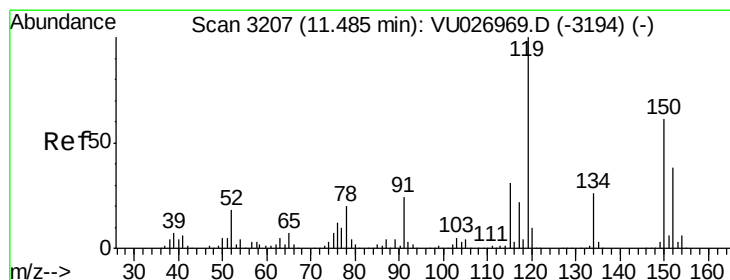
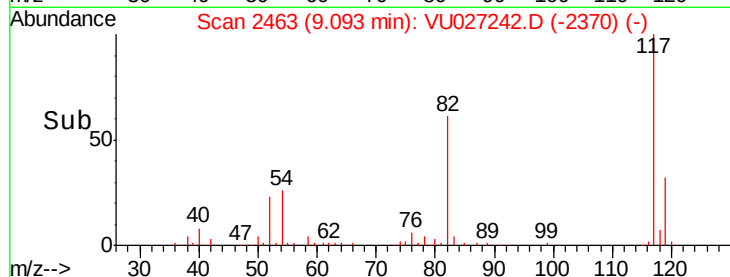
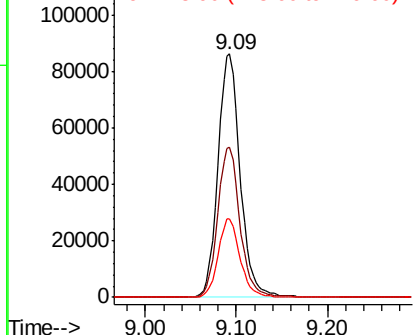
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027242.D
Acq: 27 Sep 2018 22:33

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW313S-2018020

Tot Ion:117 Resp: 146121
Ion Ratio Lower Upper
117 100
82 61.5 48.0 72.0
119 32.2 25.8 38.8

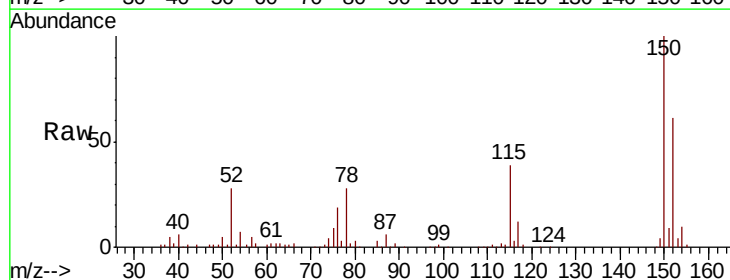


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

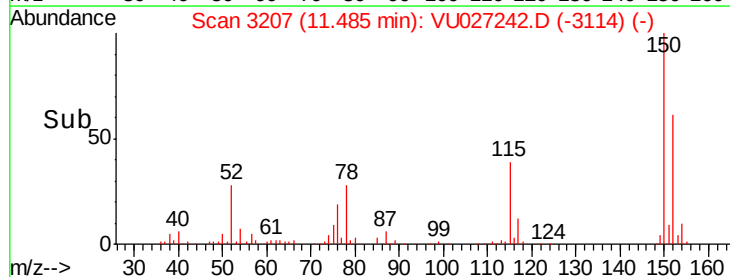
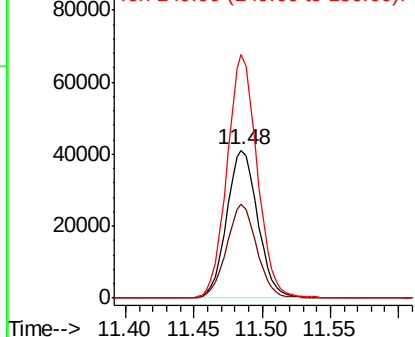


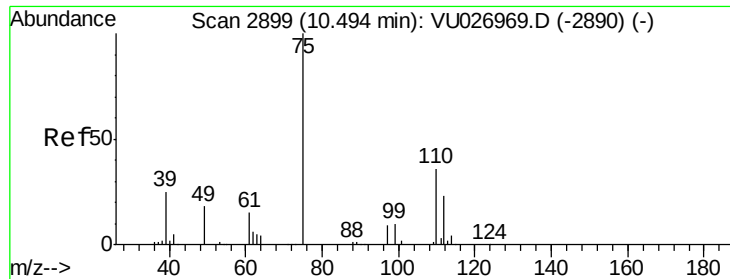
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027242.D
Acq: 27 Sep 2018 22:33

Tgt Ion:152 Resp: 65066
Ion Ratio Lower Upper
152 100
115 61.8 44.9 134.5
150 159.8 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: 20.753 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027242.D

Acq: 27 Sep 2018 22:33

Instrument :

MSVOA_U

ClientSampleId :

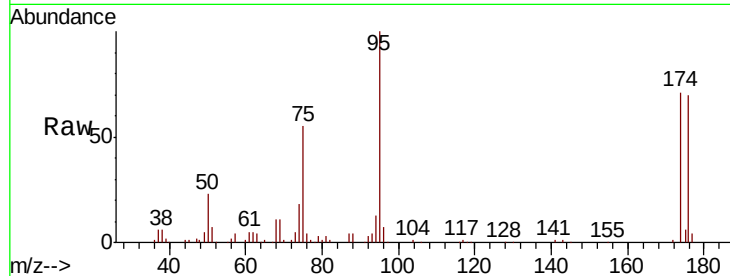
BPSI-TT-MW313S-2018020

Tot Ion: 75 Resp: 41022

Ion Ratio Lower Upper

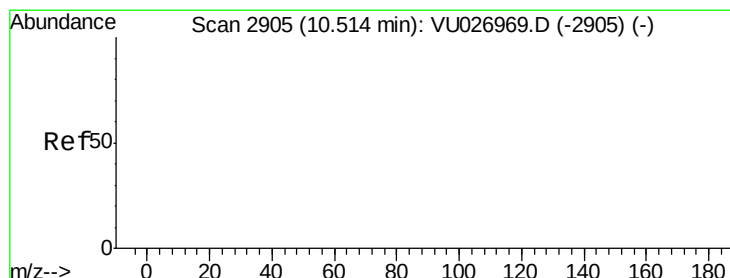
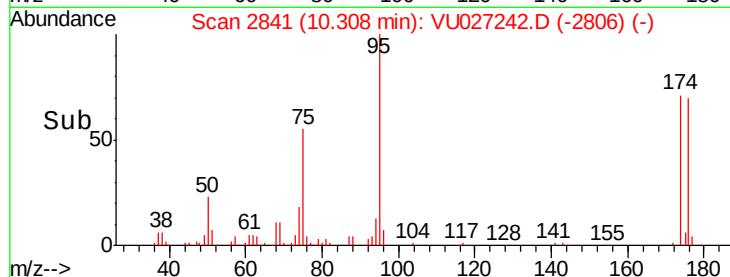
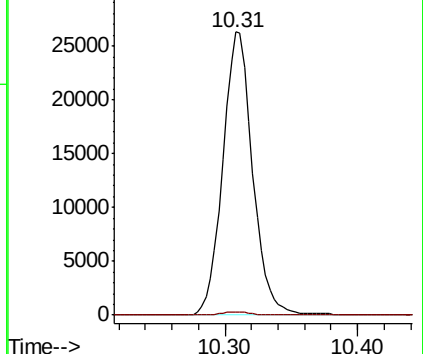
75 100

77 1.1 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: 66.413 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027242.D

Acq: 27 Sep 2018 22:33

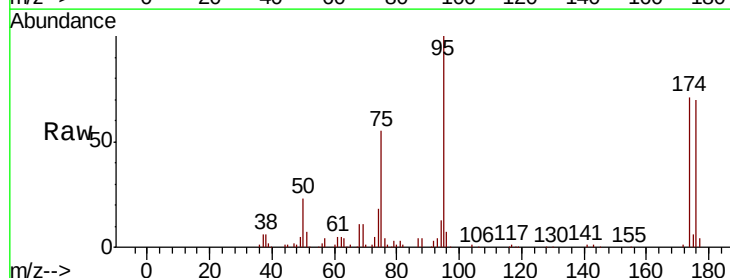
Tgt Ion: 75 Resp: 41022

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

