

Data File : VU027076.D
Acq On : 23 Sep 2018 16:51
Operator : MD/SY
Sample : J4980-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 118 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPSI-HN-MW29D-20180916

Quant Time: Sep 24 07:15:26 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	93071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157732	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70205	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97452	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	4.88	113	67195	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	7.57	98	254716	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	10.31	95	80674	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	

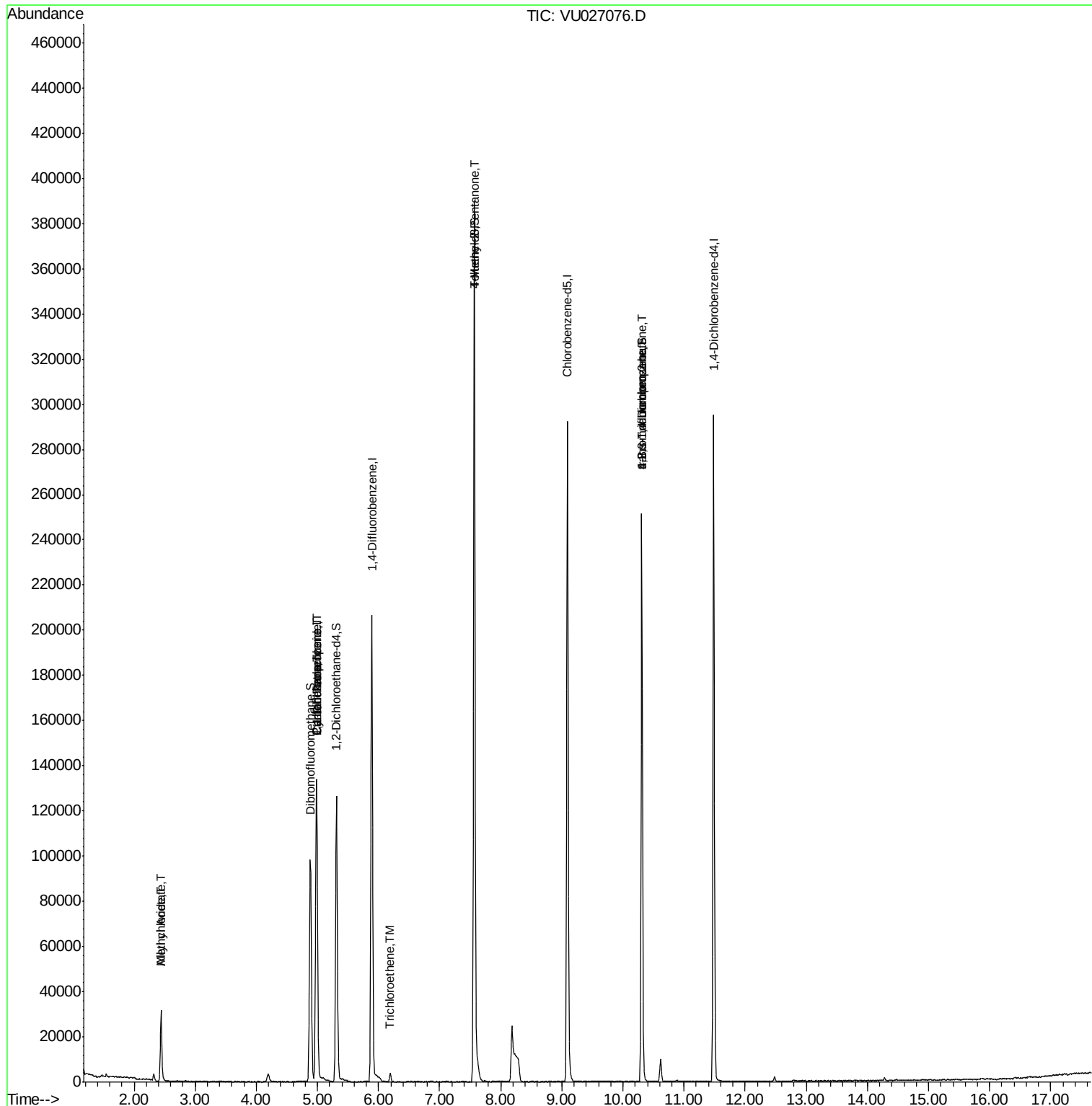
Target Compounds			Qvalue			
14) Allyl chloride	2.44	41	3237	1.242 ug/l #		77
16) Acetone	2.32	43	3410	Below Cal		97
18) Methyl Acetate	2.44	43	7917	2.969 ug/l #		55
31) Cyclohexane	4.99	56	2483	0.318 ug/l #		8
36) 1,1-Dichloropropene	4.98	75	9249	4.394 ug/l #		49
38) Carbon Tetrachloride	4.98	117	10023	5.003 ug/l #		18
44) Trichloroethene	6.19	130	1218	0.894 ug/l		96
51) 4-Methyl-2-Pentanone	7.57	43	1372	0.491 ug/l #		1
76) 1,2,3-Trichloropropane	10.31	75	44276	20.759 ug/l #		36
81) trans-1,4-Dichloro-2-buten	10.31	75	44276	66.434 ug/l #		100

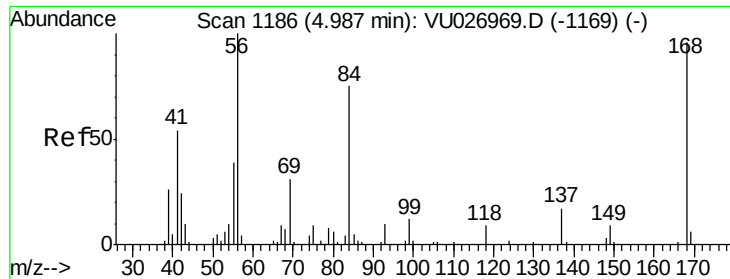
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027076.D

Acq: 23 Sep 2018 16:51

Instrument :

MSVOA_U

ClientSampleId :

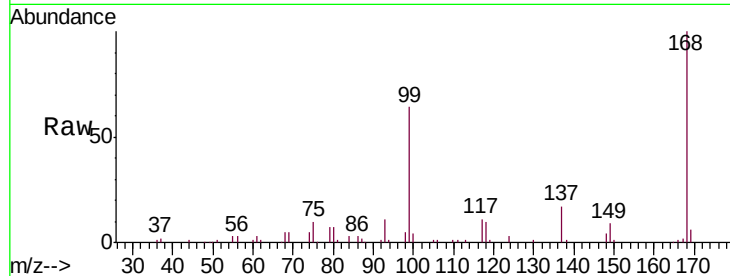
BPSI-HN-MW29D-20180916

Tgt Ion:168 Resp: 93071

Ion Ratio Lower Upper

168 100

99 63.8 48.1 72.1

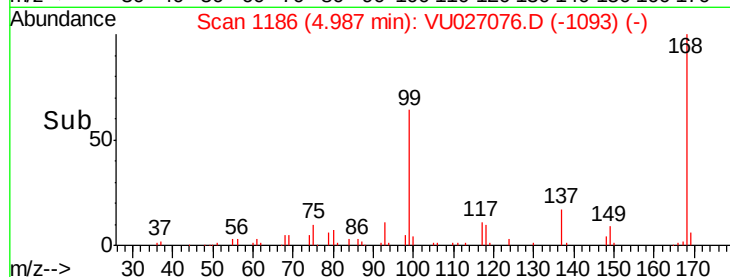


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

Time-->



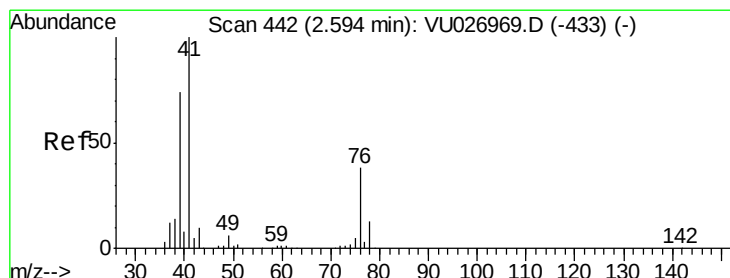
Abundance

Ion 167.90 (167.60 to 168.60): VU027076.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU027076.D (-1093) (-)

4.99

Time-->



#14

Allyl chloride

Concen: 1.242 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.15 min

Lab File: VU027076.D

Acq: 23 Sep 2018 16:51

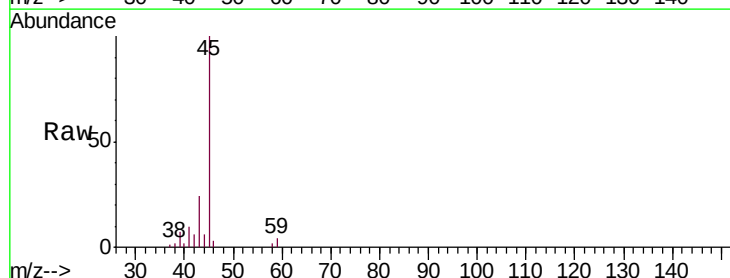
Tgt Ion: 41 Resp: 3237

Ion Ratio Lower Upper

41 100

39 74.3 55.7 83.5

76 0.0 26.5 39.7#



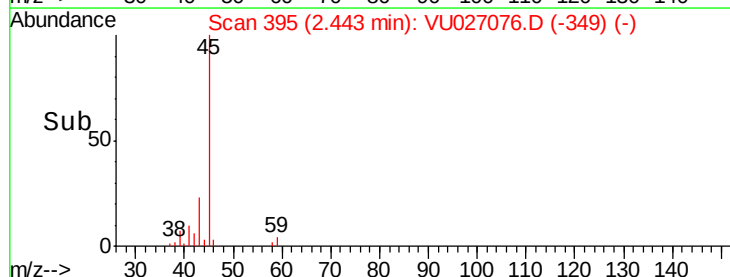
Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU026969.D (-433) (-)

2.44

Time-->



Abundance

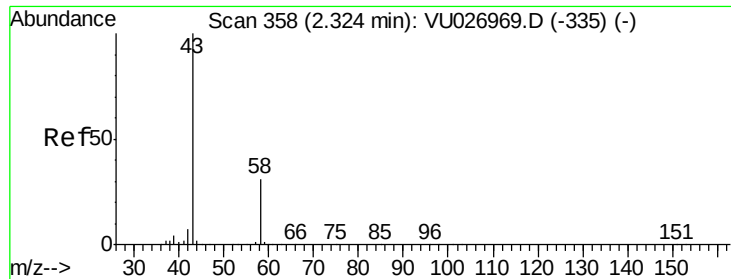
Ion 41.00 (40.70 to 41.70): VU027076.D (-349) (-)

Ion 39.00 (38.70 to 39.70): VU027076.D (-349) (-)

Ion 75.90 (75.60 to 76.60): VU027076.D (-349) (-)

2.44

Time-->



#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027076.D

Acq: 23 Sep 2018 16:51

Instrument :

MSVOA_U

ClientSampleId :

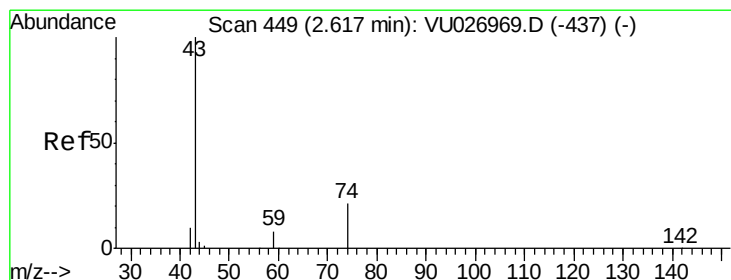
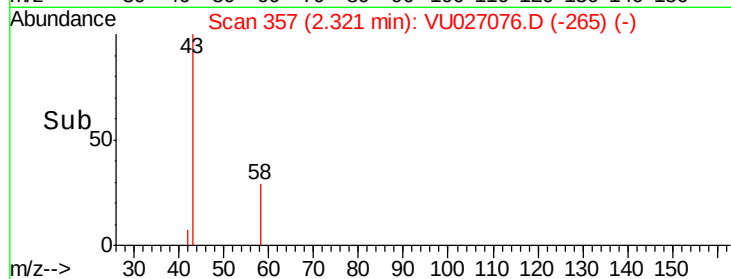
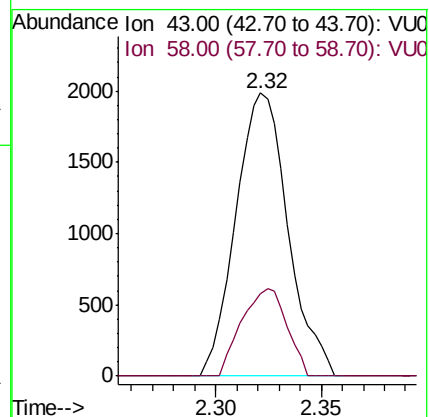
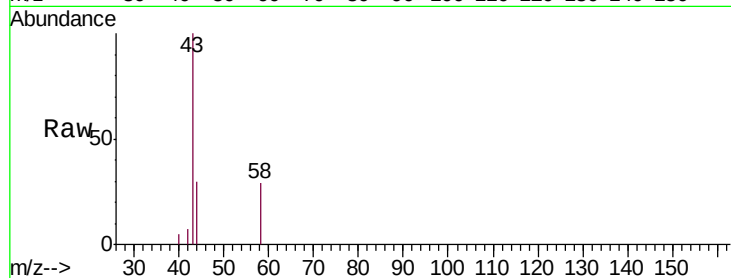
BPSI-HN-MW29D-20180916

Tgt Ion: 43 Resp: 3410

Ion Ratio Lower Upper

43 100

58 29.2 24.6 36.8



#18

Methyl Acetate

Concen: 2.969 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.18 min

Lab File: VU027076.D

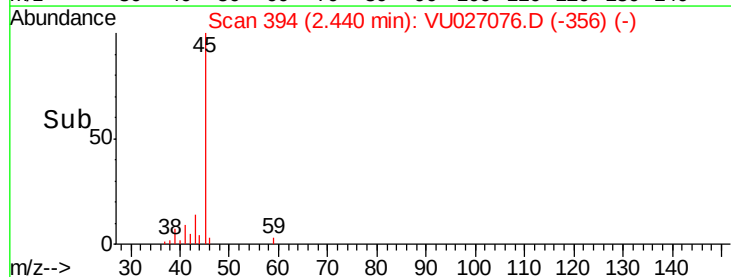
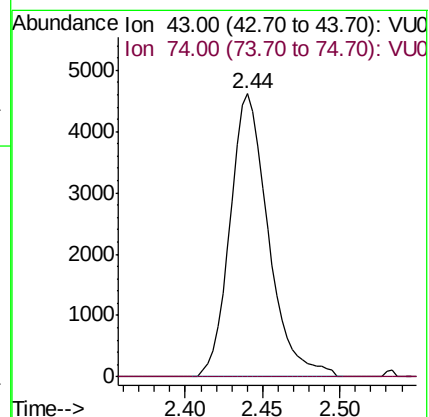
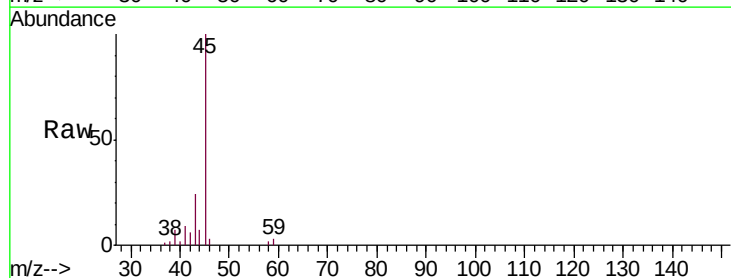
Acq: 23 Sep 2018 16:51

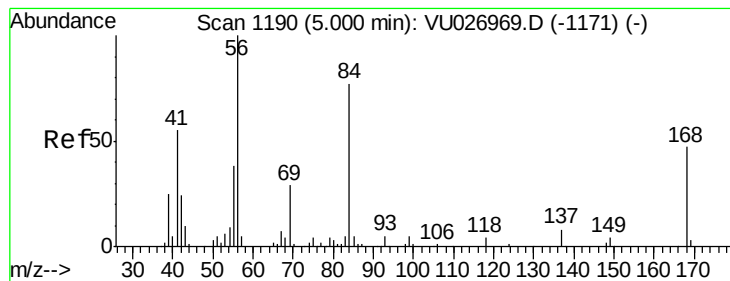
Tgt Ion: 43 Resp: 7917

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#





#31

Cyclohexane

Concen: 0.318 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027076.D

Acq: 23 Sep 2018 16:51

Instrument :

MSVOA_U

ClientSampleId :

BPSI-HN-MW29D-20180916

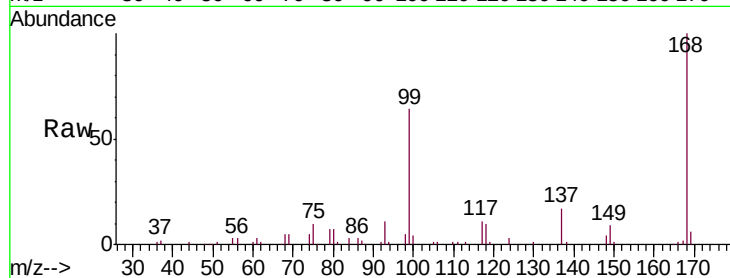
Tgt Ion: 56 Resp: 2483

Ion Ratio Lower Upper

56 100

69 150.9 23.0 34.4#

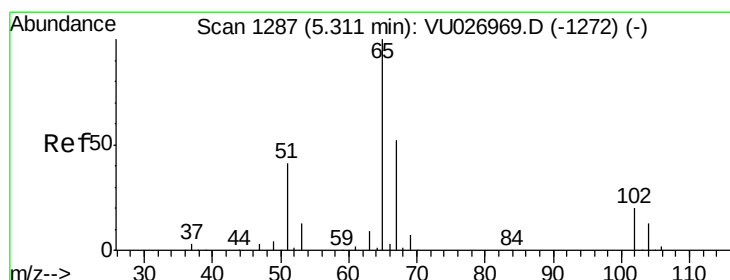
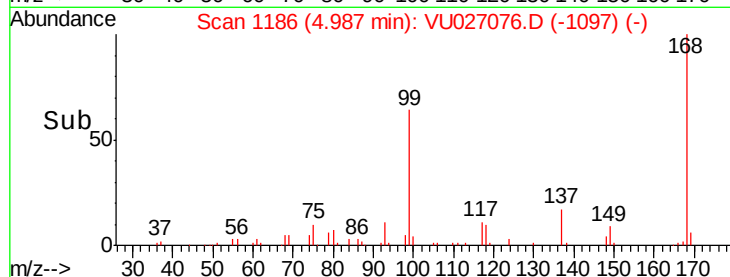
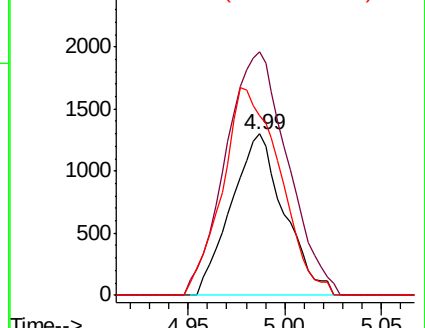
84 111.7 61.4 92.2#



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: 52.024 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027076.D

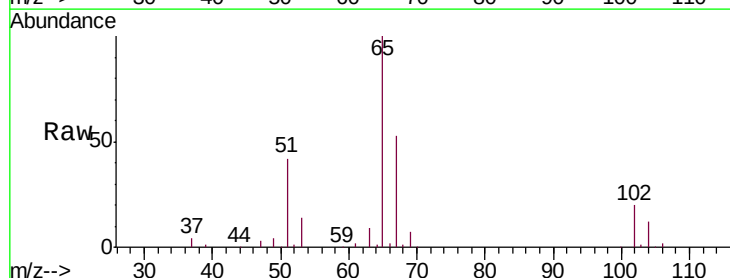
Acq: 23 Sep 2018 16:51

Tgt Ion: 65 Resp: 97452

Ion Ratio Lower Upper

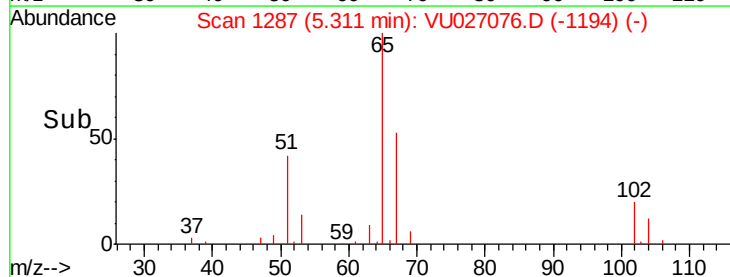
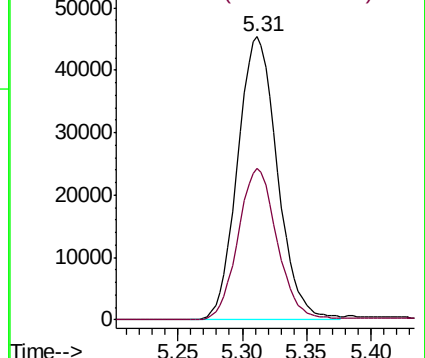
65 100

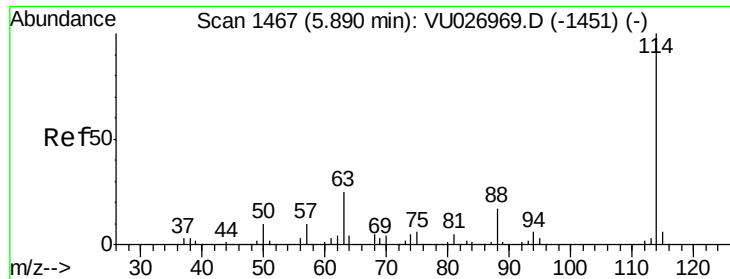
67 52.8 0.0 105.6



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

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

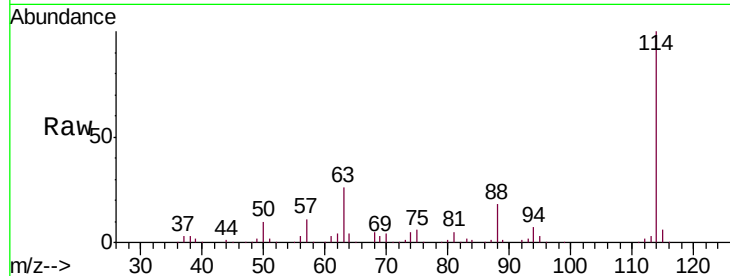




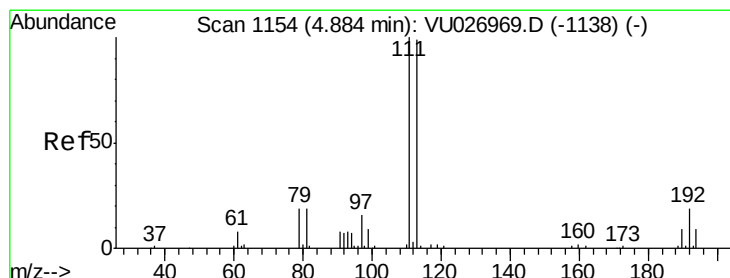
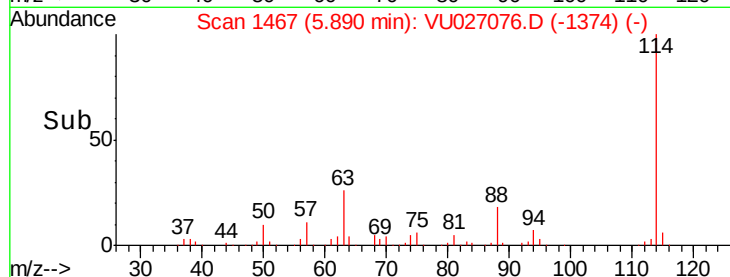
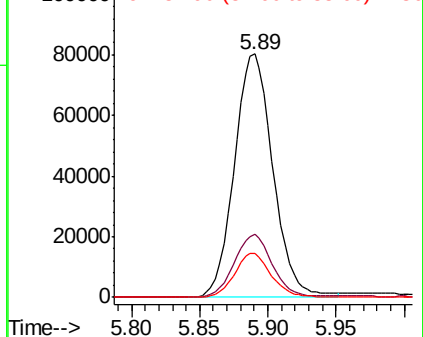
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027076.D
 Acq: 23 Sep 2018 16:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-HN-MW29D-20180916

Tgt Ion:114 Resp: 157732
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 49.2
 88 18.0 0.0 33.8

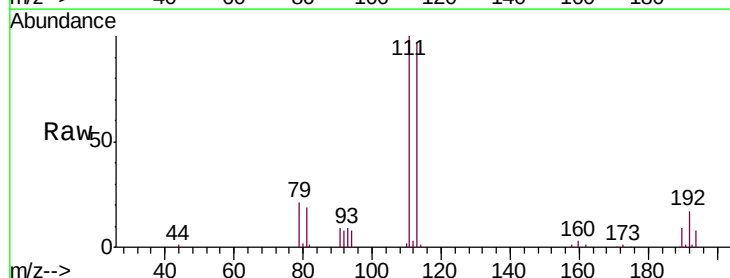


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

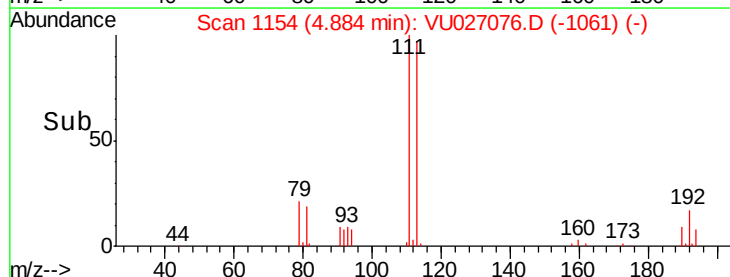
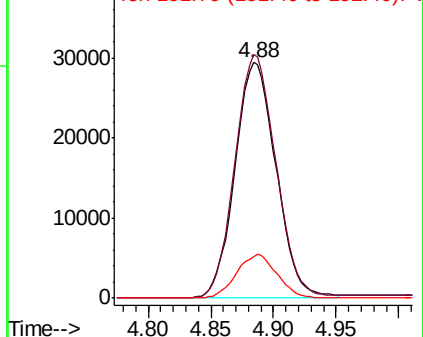


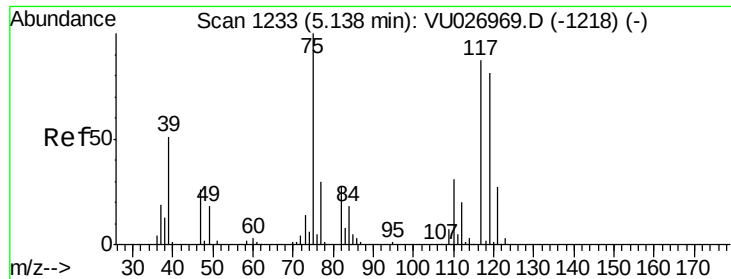
#35
 Dibromofluoromethane
 Concen: 49.147 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027076.D
 Acq: 23 Sep 2018 16:51

Tgt Ion:113 Resp: 67195
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 18.2 15.2 22.8



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





#36

1,1-Dichloropropene

Concen: 4.394 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027076.D

Acq: 23 Sep 2018 16:51

Instrument :

MSVOA_U

ClientSampleId :

BPSI-HN-MW29D-20180916

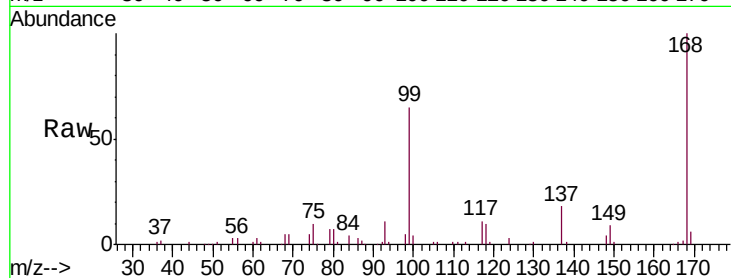
Tgt Ion: 75 Resp: 9249

Ion Ratio Lower Upper

75 100

110 6.6 16.1 48.2#

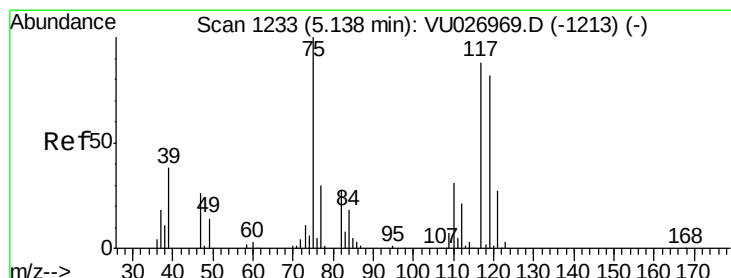
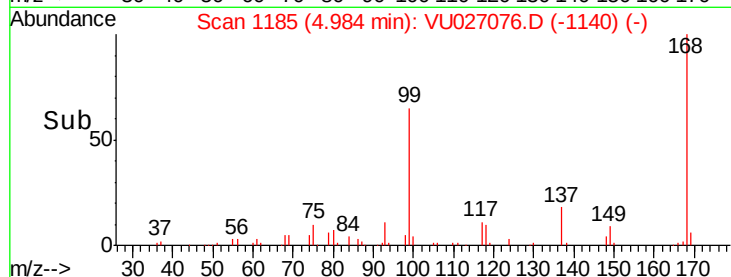
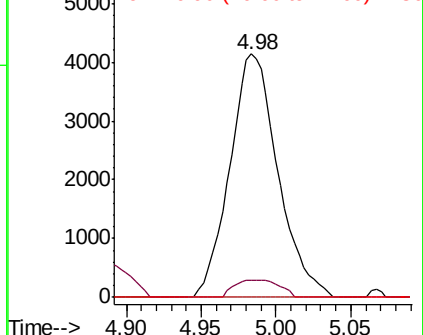
77 0.0 24.6 36.8#



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: 5.003 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027076.D

Acq: 23 Sep 2018 16:51

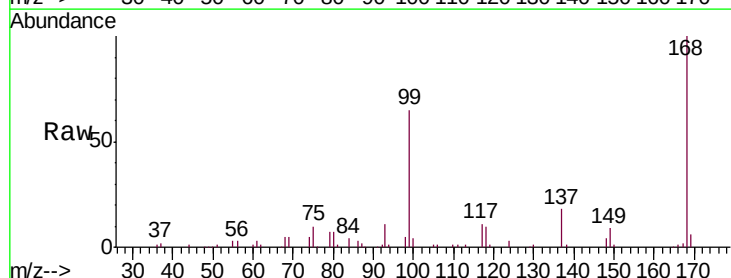
Tgt Ion: 117 Resp: 10023

Ion Ratio Lower Upper

117 100

119 6.5 74.4 111.6#

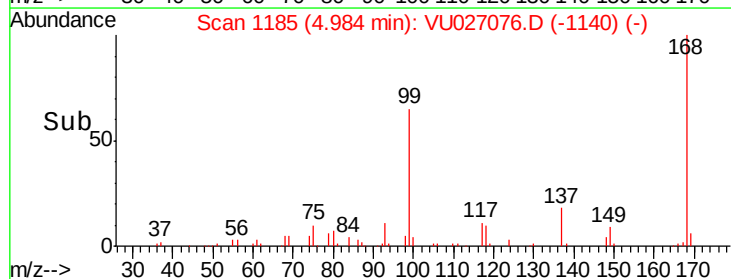
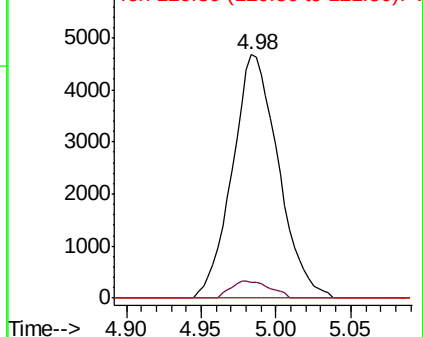
121 0.0 24.2 36.4#

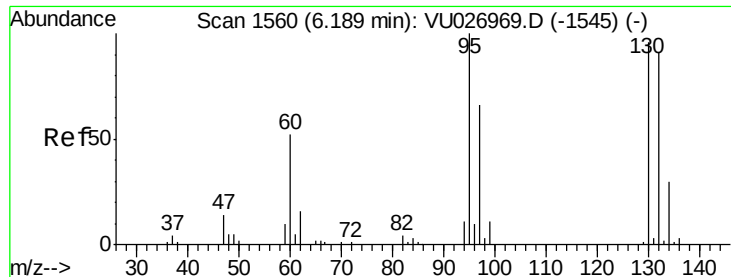


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 0.894 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VU027076.D

Acq: 23 Sep 2018 16:51

Instrument :

MSVOA_U

ClientSampleId :

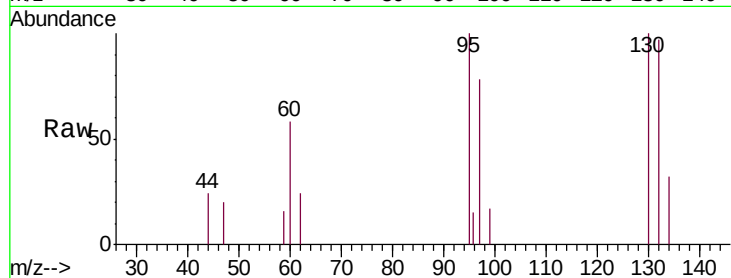
BPSI-HN-MW29D-20180916

Tgt Ion:130 Resp: 1218

Ion Ratio Lower Upper

130 100

95 100.3 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

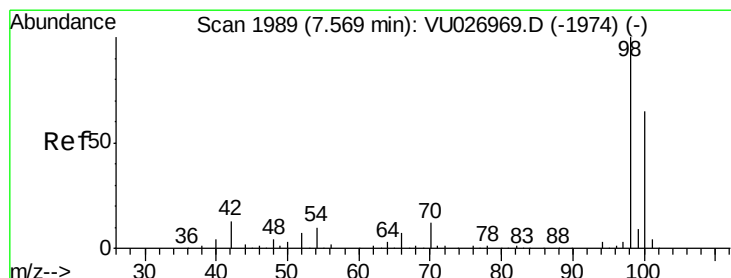
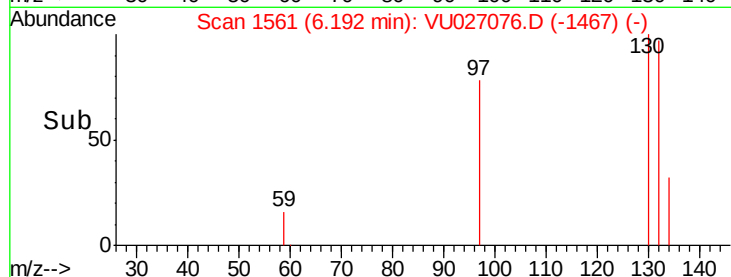
600

400

200

0

Time-->



#50

Toluene-d8

Concen: 48.885 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027076.D

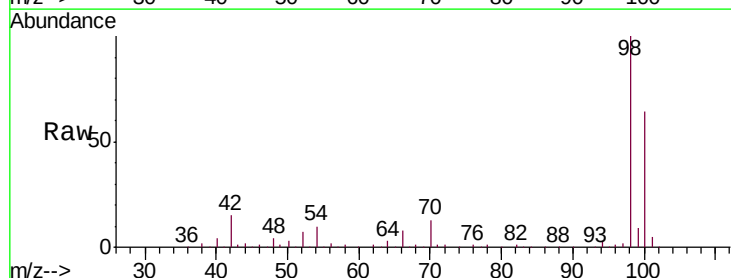
Acq: 23 Sep 2018 16:51

Tgt Ion: 98 Resp: 254716

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

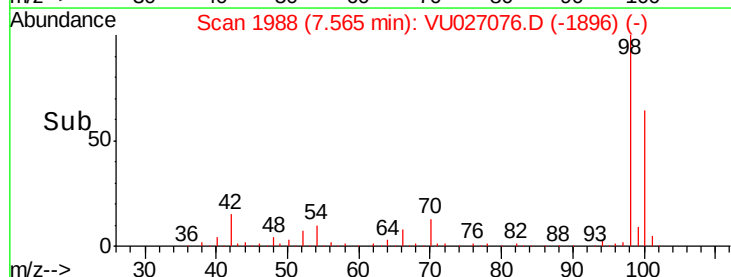
150000

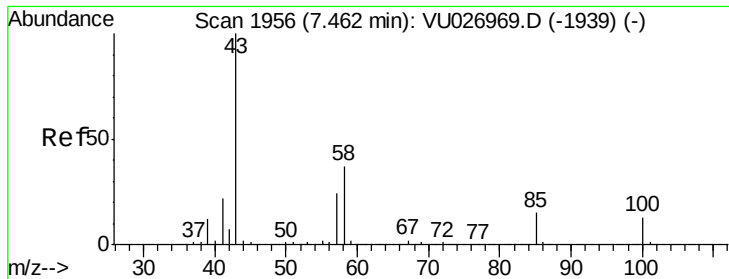
100000

50000

0

Time-->

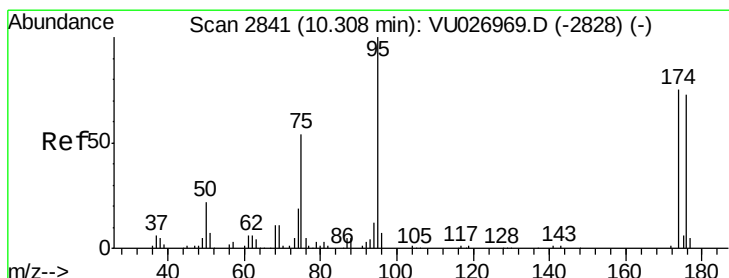
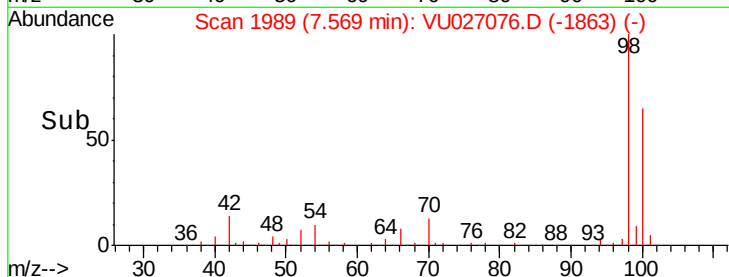
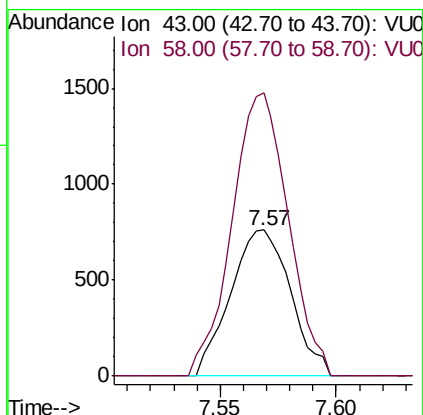
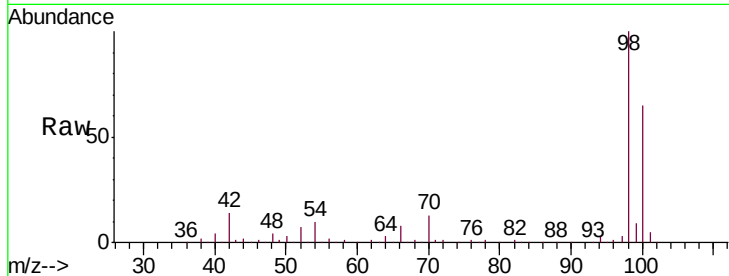




#51
 4-Methyl-2-Pentanone
 Concen: 0.491 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU027076.D
 Acq: 23 Sep 2018 16:51

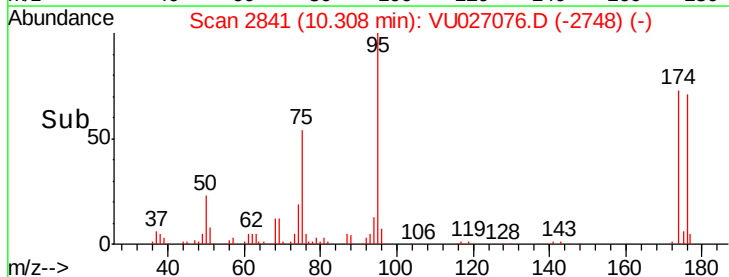
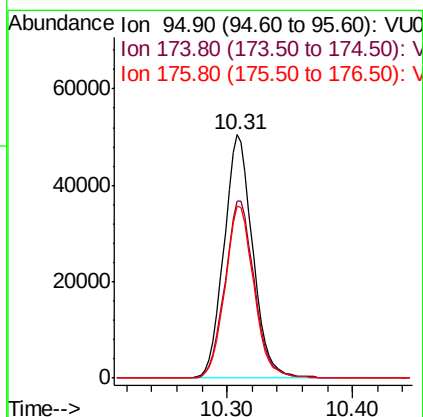
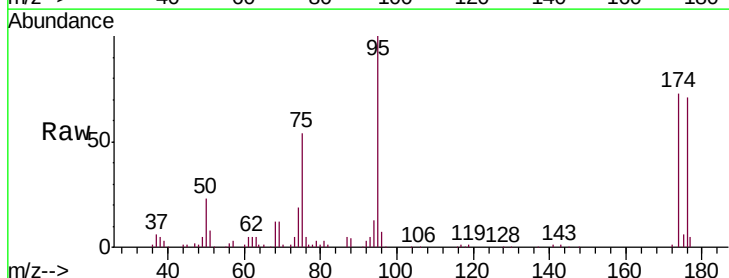
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-HN-MW29D-20180916

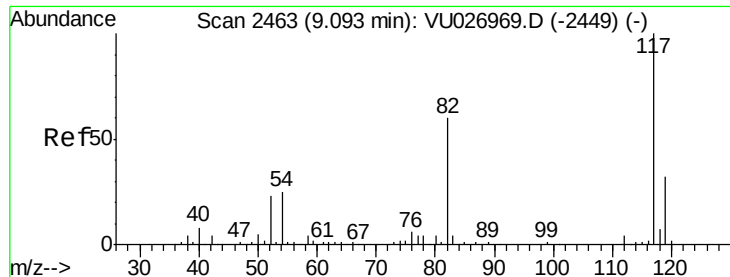
Tgt Ion: 43 Resp: 1372
 Ion Ratio Lower Upper
 43 100
 58 181.4 29.8 44.6#



#62
 4-Bromofluorobenzene
 Concen: 45.122 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027076.D
 Acq: 23 Sep 2018 16:51

Tgt Ion: 95 Resp: 80674
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.2
 176 70.9 0.0 145.2

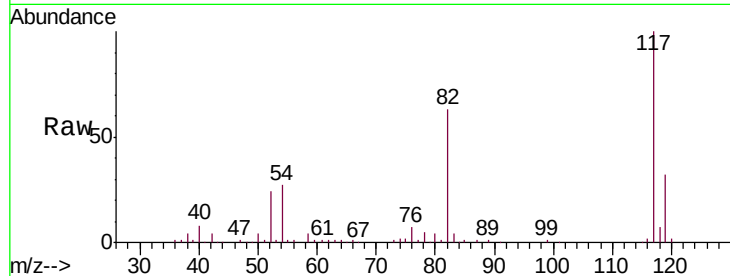




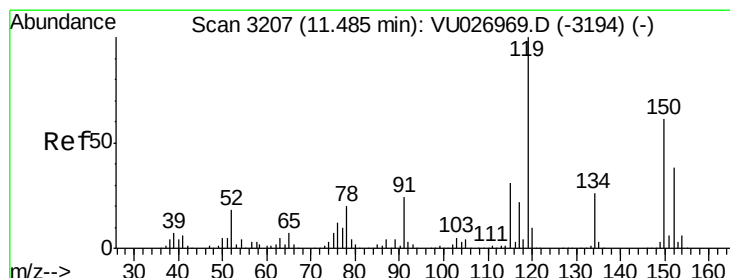
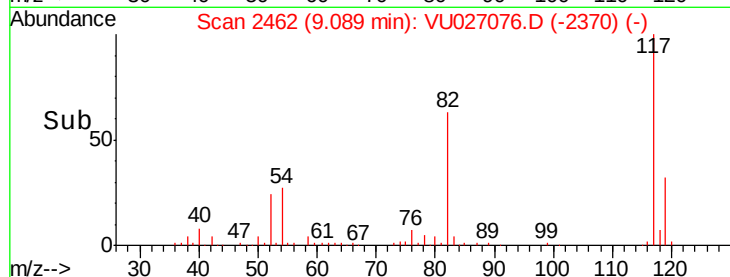
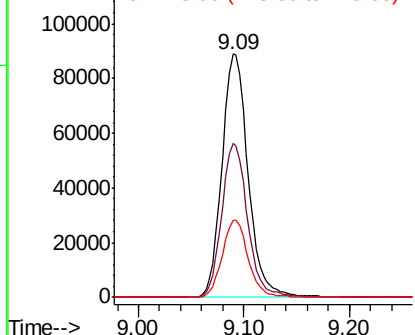
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027076.D
Acq: 23 Sep 2018 16:51

Instrument :
MSVOA_U
ClientSampleId :
BPSI-HN-MW29D-20180916

Tgt Ion:117 Resp: 152741
Ion Ratio Lower Upper
117 100
82 63.3 48.0 72.0
119 31.7 25.8 38.8

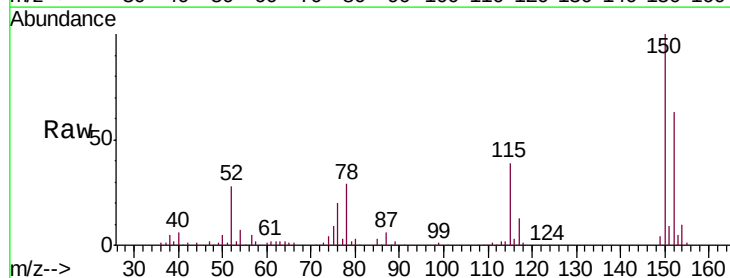


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

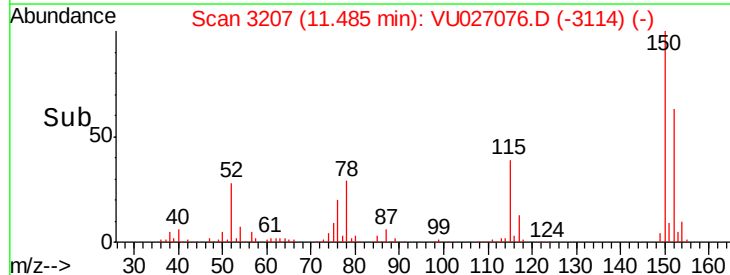
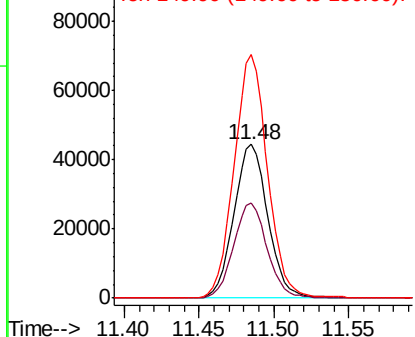


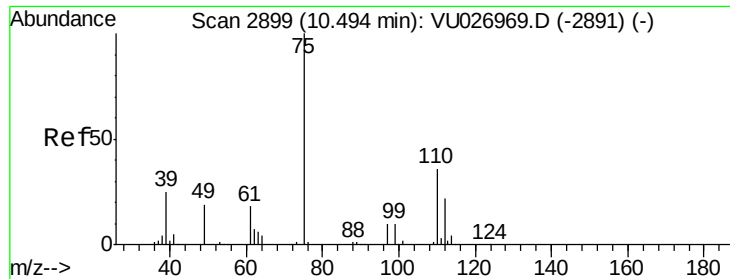
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027076.D
Acq: 23 Sep 2018 16:51

Tgt Ion:152 Resp: 70205
Ion Ratio Lower Upper
152 100
115 61.0 44.9 134.5
150 155.8 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

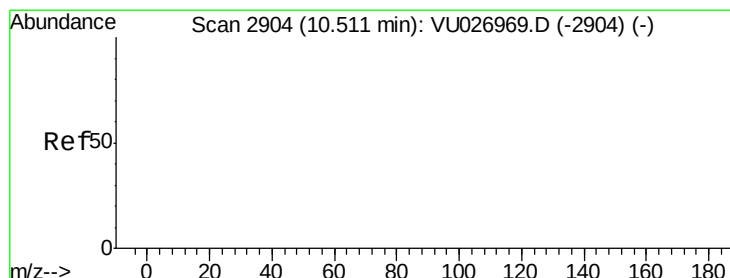
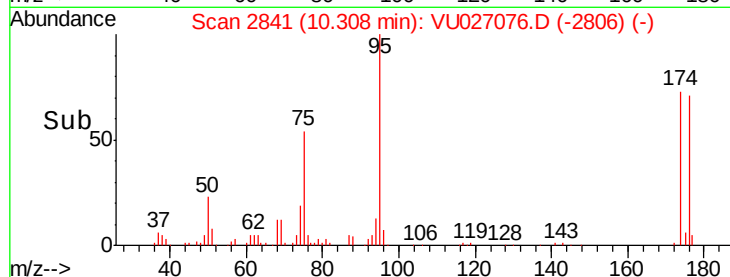
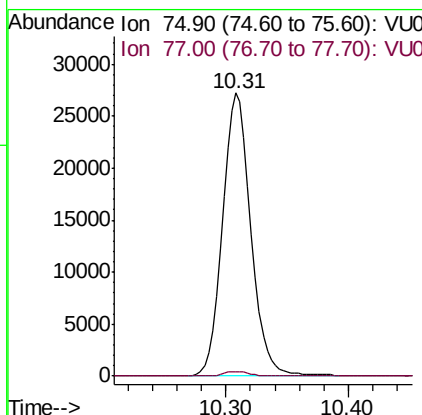
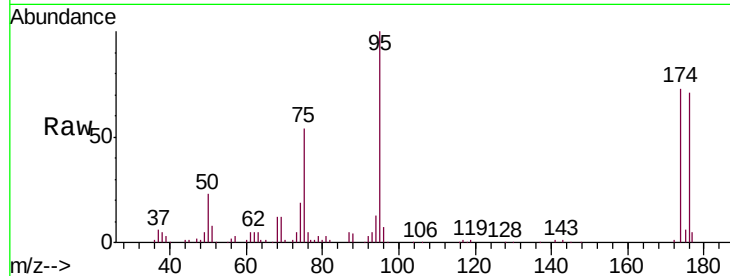




#76
 1,2,3-Trichloropropane
 Concen: 20.759 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027076.D
 Acq: 23 Sep 2018 16:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-HN-MW29D-20180916

Tgt Ion: 75 Resp: 44276
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.434 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027076.D
 Acq: 23 Sep 2018 16:51

Tgt Ion: 75 Resp: 44276
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

