

Data File : VU027075.D
Acq On : 23 Sep 2018 16:28
Operator : MD/SY
Sample : J4980-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 117 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPSI-HN-MW29IR-20180916

Quant Time: Sep 24 07:15:14 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	93743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	160756	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	97157	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	4.88	113	67483	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	7.57	98	256565	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	10.31	95	81682	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	

Target Compounds

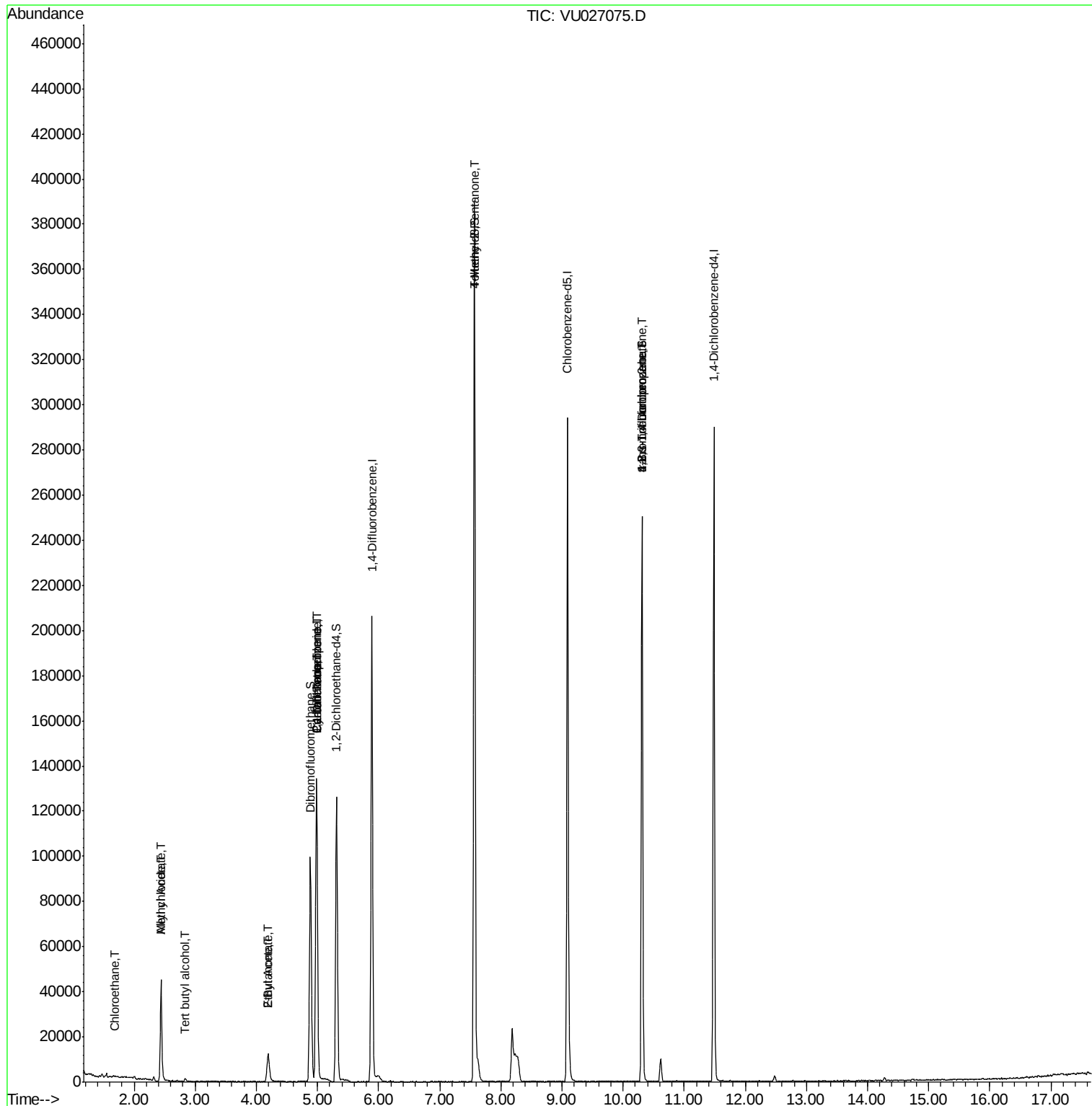
						Qvalue
6) Chloroethane	1.70	64	272	0.216	ug/l #	43
11) Tert butyl alcohol	2.84	59	1108	2.562	ug/l #	72
14) Allyl chloride	2.44	41	4363	1.661	ug/l #	67
16) Acetone	2.32	43	2387	Below Cal	#	88
18) Methyl Acetate	2.44	43	11410	4.249	ug/l #	55
25) 2-Butanone	4.19	43	597	0.377	ug/l #	53
31) Cyclohexane	4.99	56	2543	0.333	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9123	4.252	ug/l #	50
37) Ethyl Acetate	4.19	43	597	0.206	ug/l #	1
38) Carbon Tetrachloride	4.99	117	10073	4.934	ug/l #	19
51) 4-Methyl-2-Pentanone	7.57	43	1218	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	44625	21.010	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	44625	67.234	ug/l #	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027075.D

Acq: 23 Sep 2018 16:28

Instrument :

MSVOA_U

ClientSampleId :

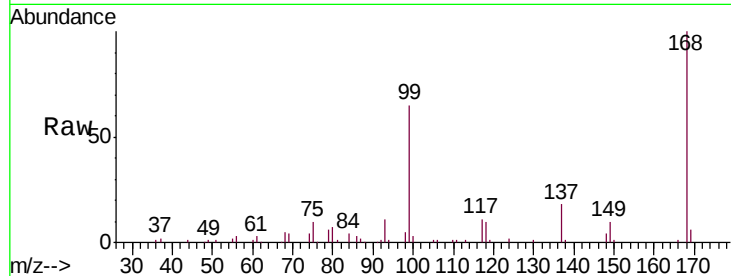
BPSI-HN-MW29IR-20180916

Tgt Ion:168 Resp: 93743

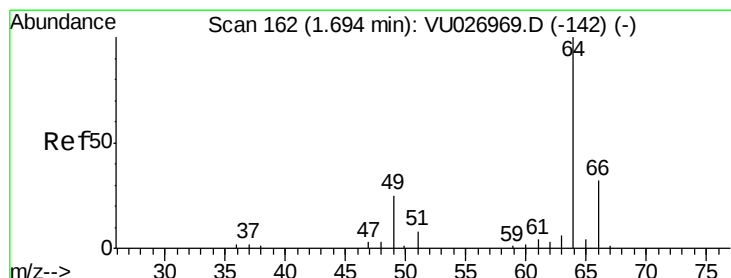
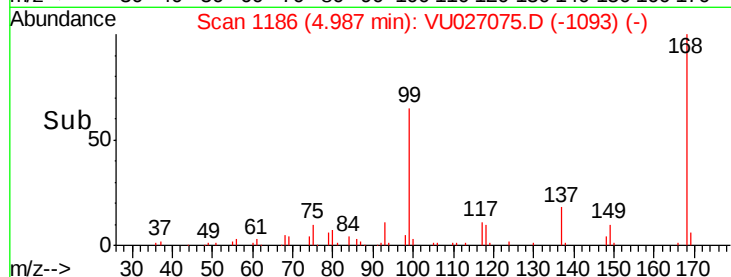
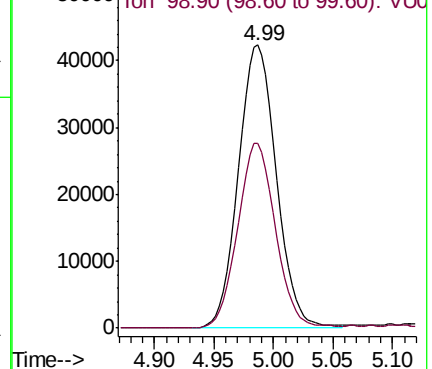
Ion Ratio Lower Upper

168 100

99 65.4 48.1 72.1



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



#6

Chloroethane

Concen: 0.216 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027075.D

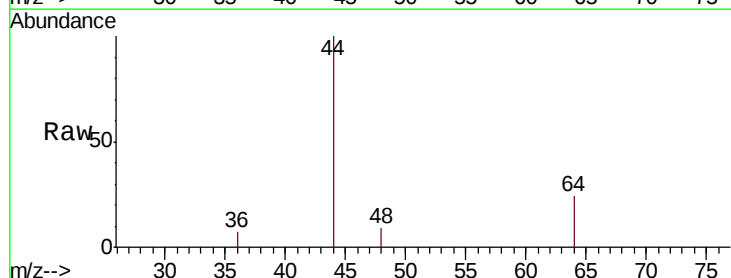
Acq: 23 Sep 2018 16:28

Tgt Ion: 64 Resp: 272

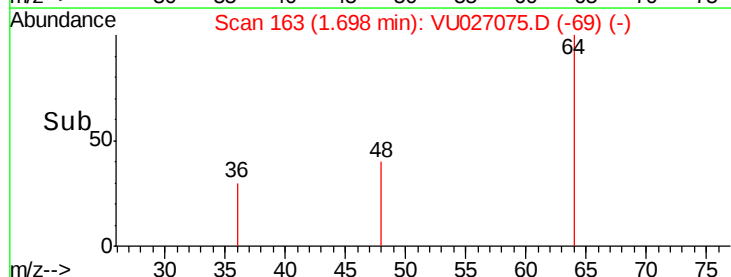
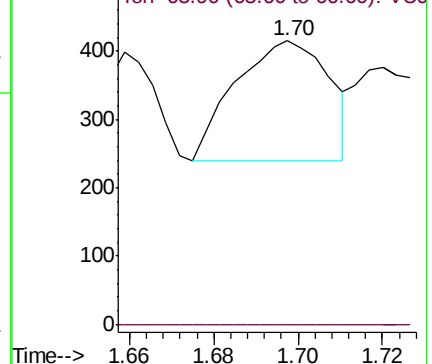
Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)



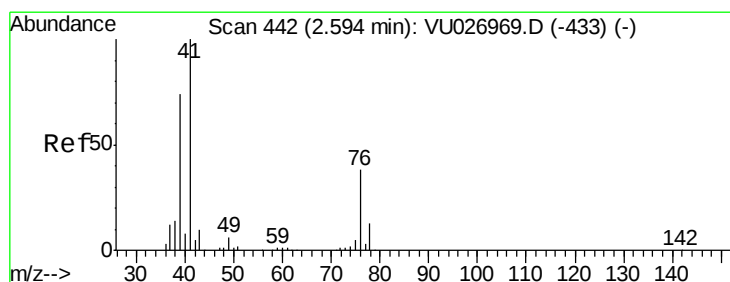
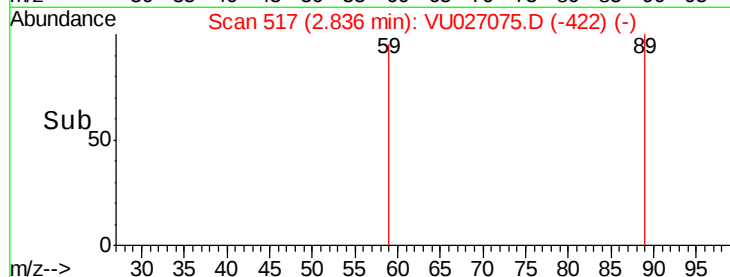
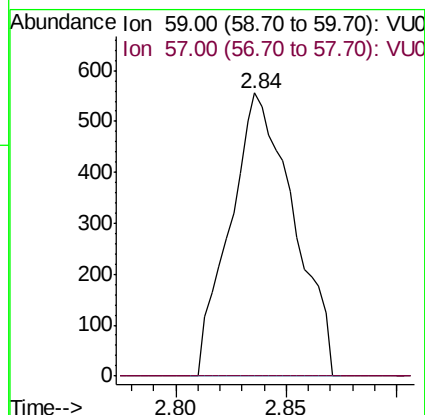
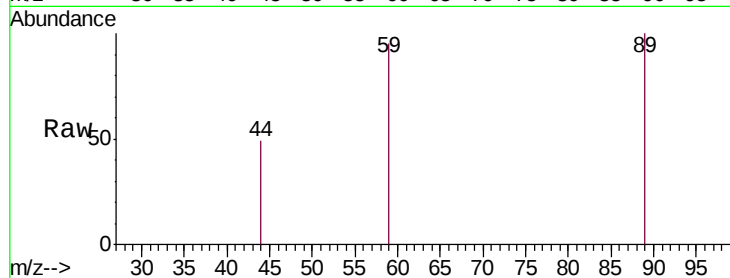


#11

Tert butyl alcohol
 Concen: 2.562 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU027075.D
 Acq: 23 Sep 2018 16:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-HN-MW29IR-20180916

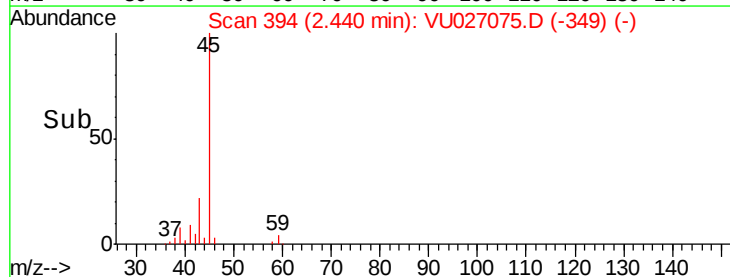
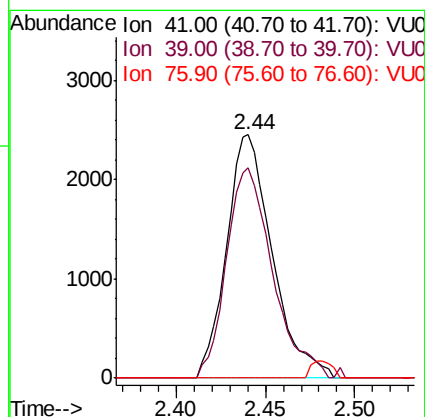
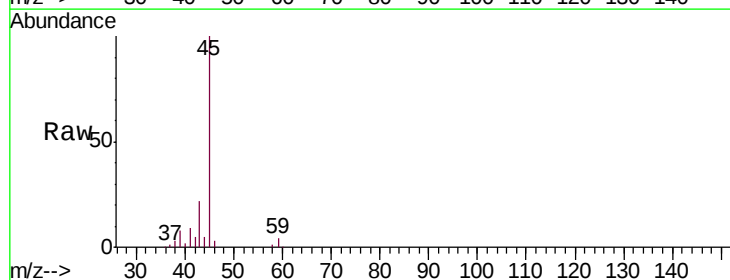
Tgt Ion: 59 Resp: 1108
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#



#14

Allyl chloride
 Concen: 1.661 ug/l
 RT: 2.44 min Scan# 394
 Delta R.T. -0.15 min
 Lab File: VU027075.D
 Acq: 23 Sep 2018 16:28

Tgt Ion: 41 Resp: 4363
 Ion Ratio Lower Upper
 41 100
 39 87.3 55.7 83.5#
 76 0.0 26.5 39.7#





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027075.D

Acq: 23 Sep 2018 16:28

Instrument :

MSVOA_U

ClientSampleId :

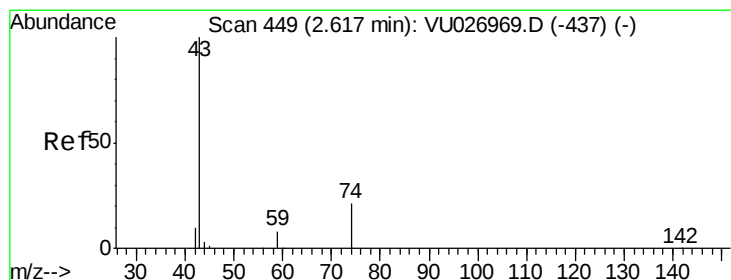
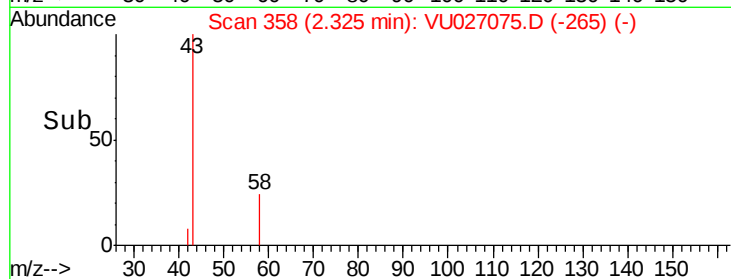
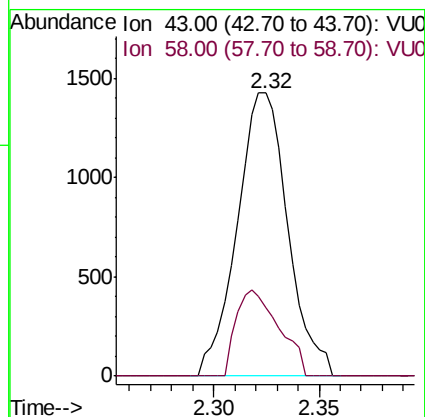
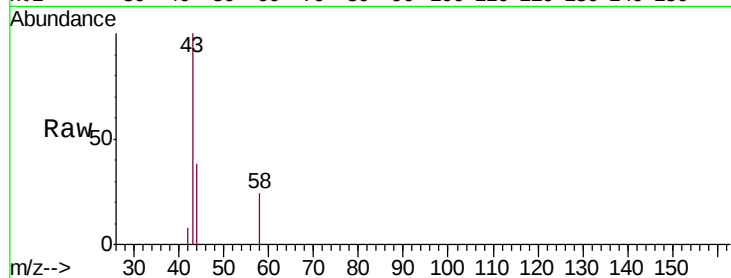
BPSI-HN-MW29IR-20180916

Tgt Ion: 43 Resp: 2387

Ion Ratio Lower Upper

43 100

58 24.3 24.6 36.8#



#18

Methyl Acetate

Concen: 4.249 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.18 min

Lab File: VU027075.D

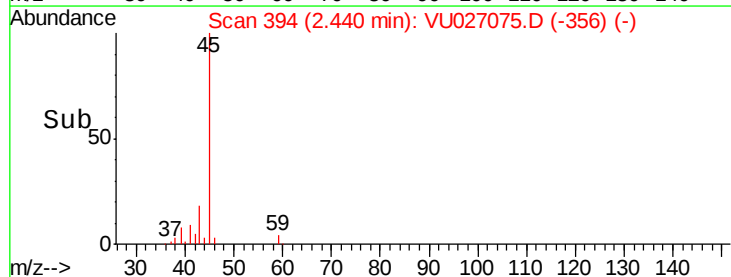
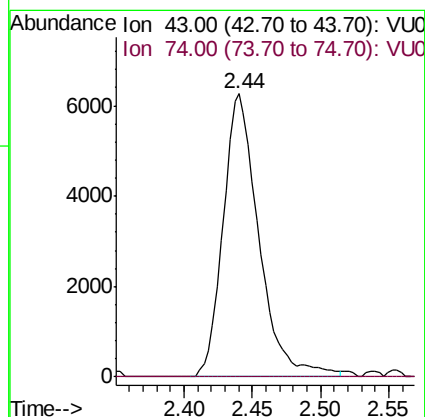
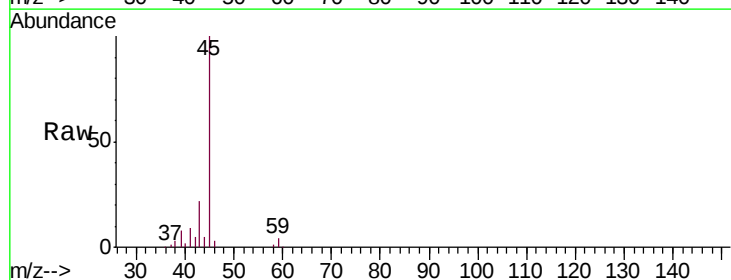
Acq: 23 Sep 2018 16:28

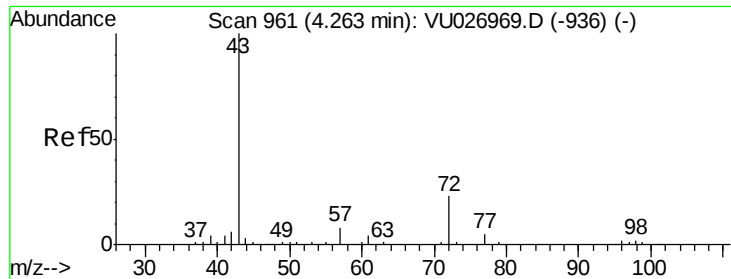
Tgt Ion: 43 Resp: 11410

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#

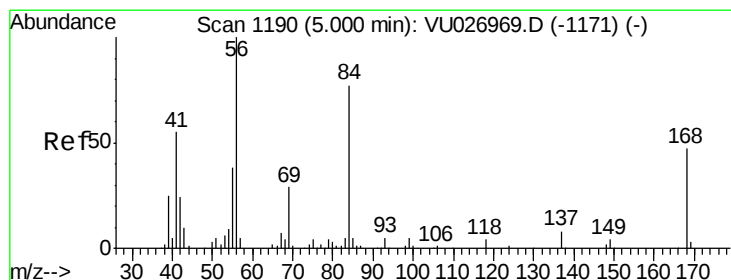
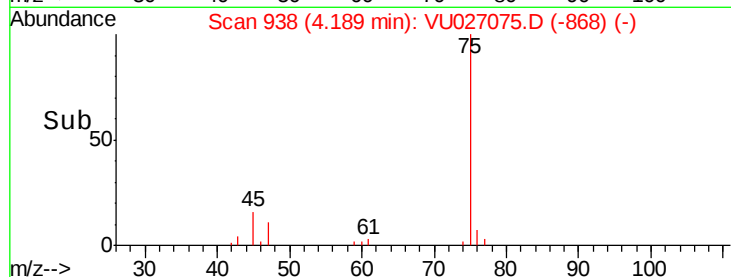
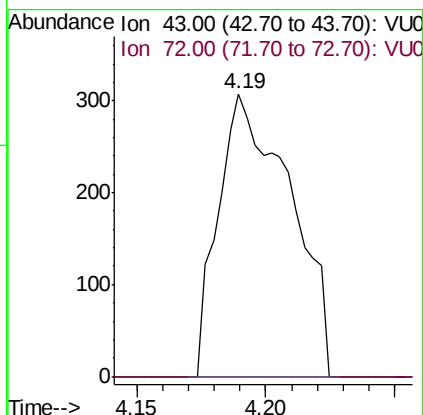
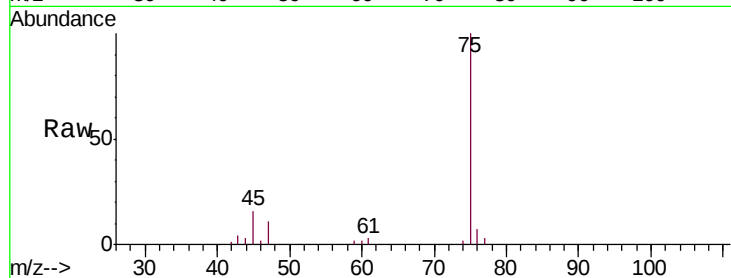




#25
2-Butanone
Concen: 0.377 ug/l
RT: 4.19 min Scan# 938
Delta R.T. -0.07 min
Lab File: VU027075.D
Acq: 23 Sep 2018 16:28

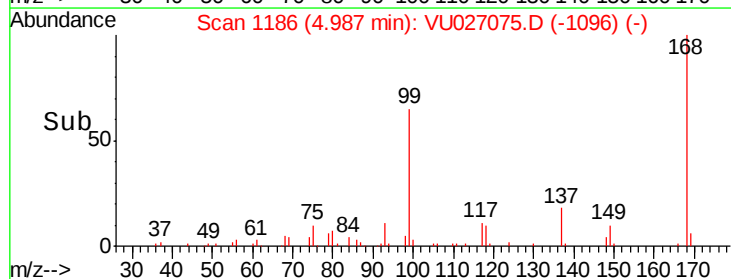
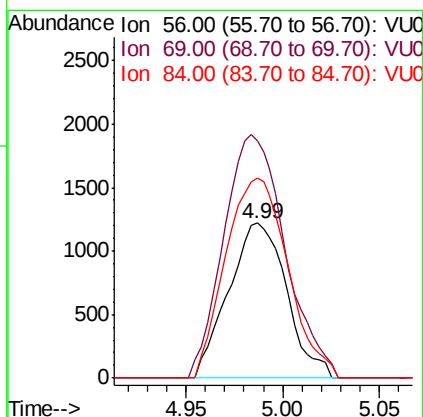
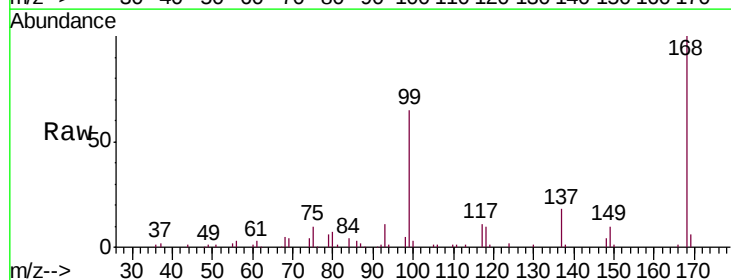
Instrument :
MSVOA_U
ClientSampleId :
BPSI-HN-MW29IR-20180916

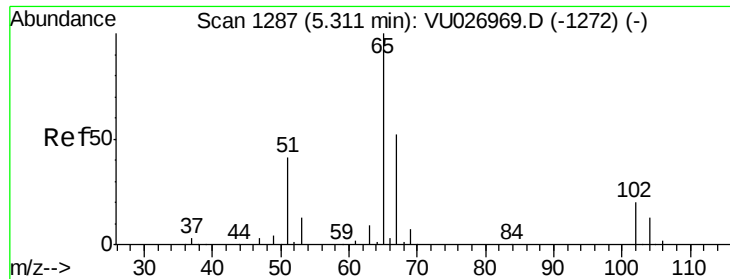
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
72 0.0 18.4 27.6#



#31
Cyclohexane
Concen: 0.333 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027075.D
Acq: 23 Sep 2018 16:28

Tgt Ion: 56 Resp: 2543
Ion Ratio Lower Upper
56 100
69 152.8 23.0 34.4#
84 129.0 61.4 92.2#

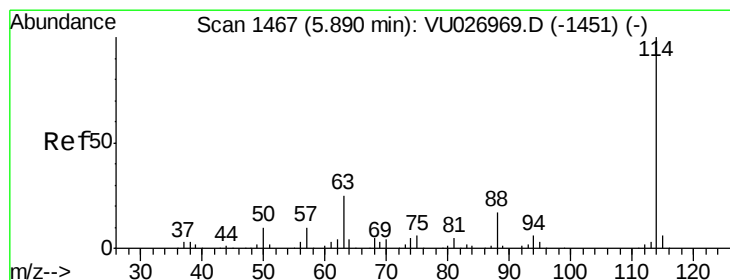
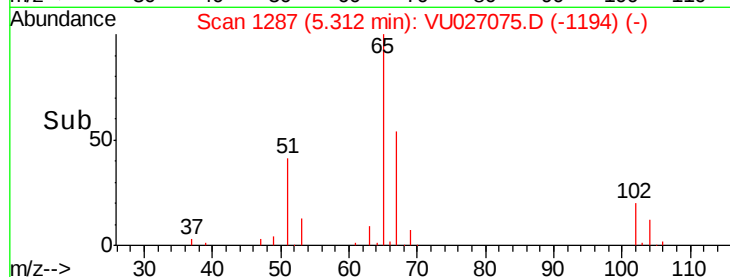
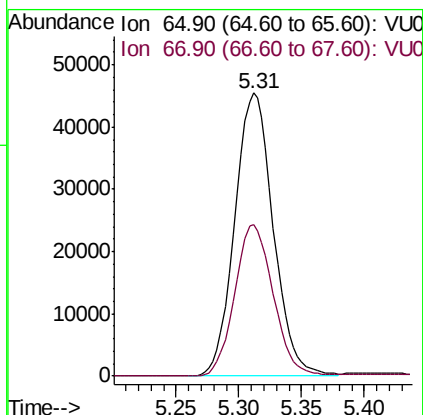
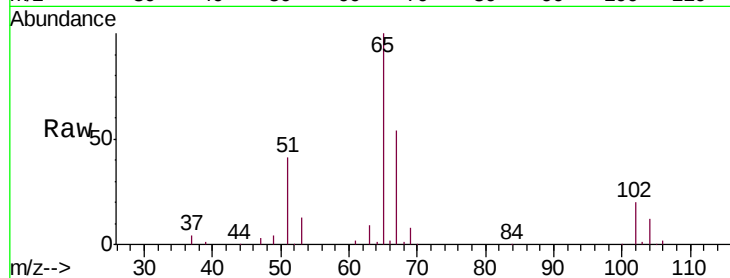




#33
 1,2-Dichloroethane-d4
 Concen: 51.495 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027075.D
 Acq: 23 Sep 2018 16:28

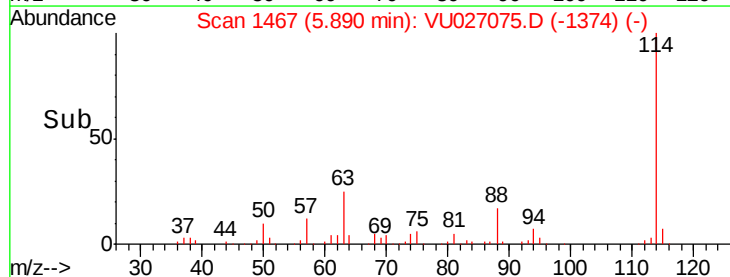
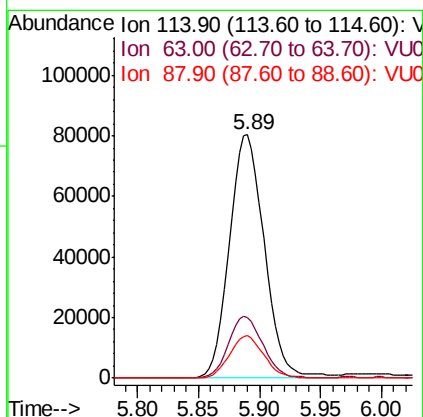
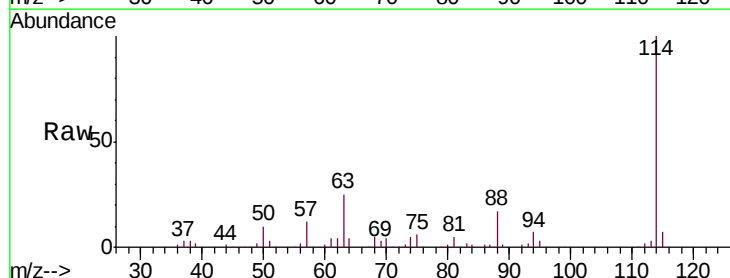
Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-HN-MW29IR-20180916

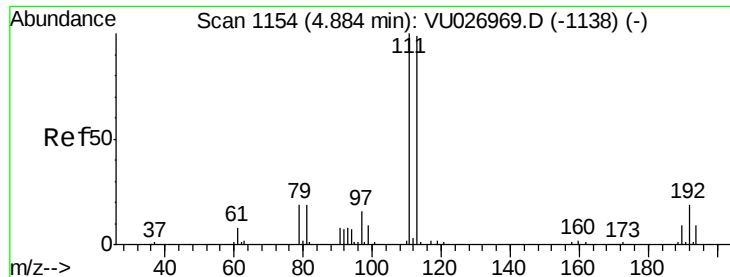
Tgt Ion: 65 Resp: 97157
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027075.D
 Acq: 23 Sep 2018 16:28

Tgt Ion: 114 Resp: 160756
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 17.5 0.0 33.8

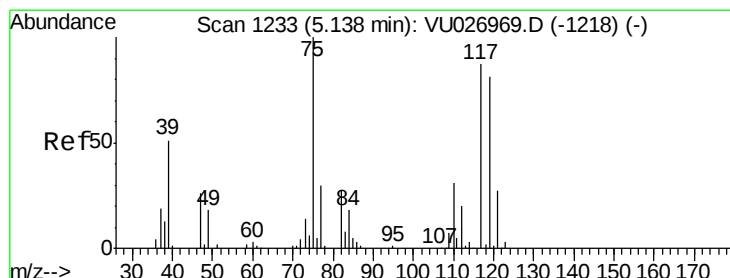
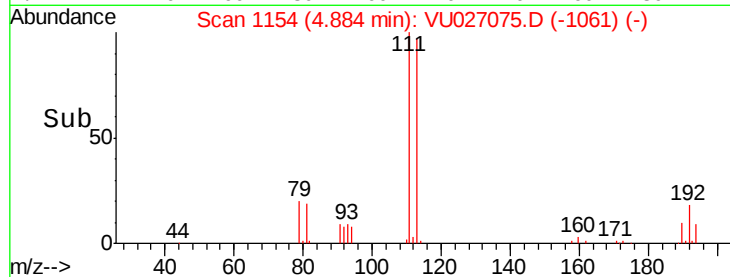
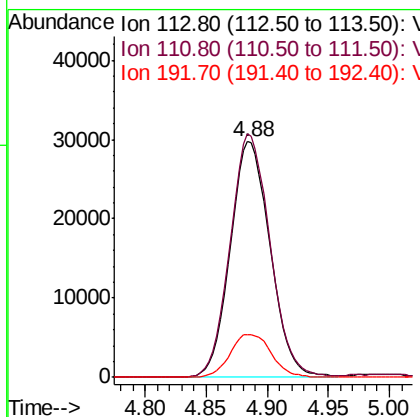
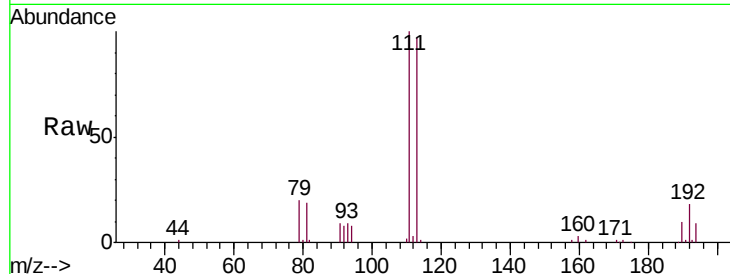




#35
 Dibromofluoromethane
 Concen: 48.429 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027075.D
 Acq: 23 Sep 2018 16:28

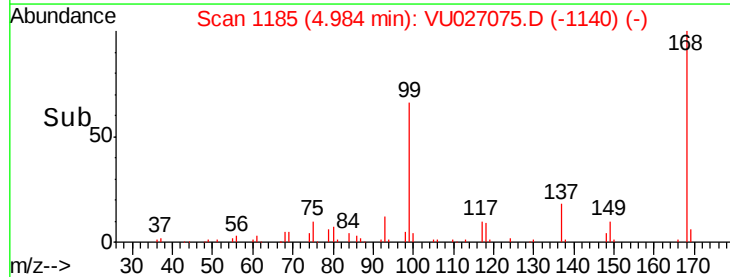
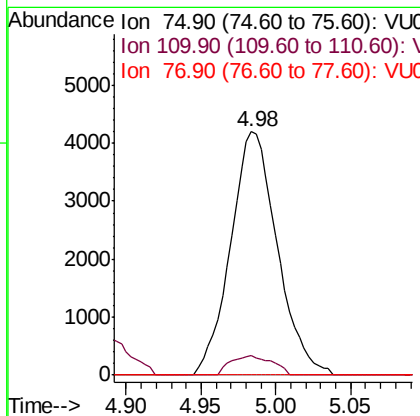
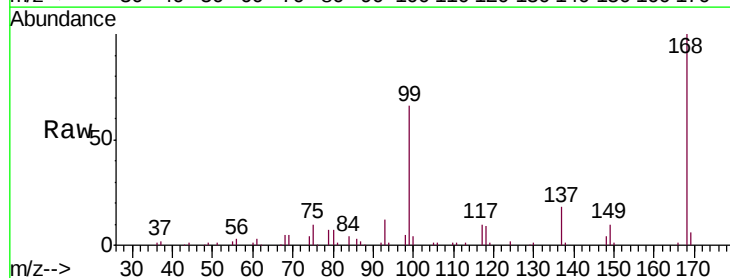
Instrument :
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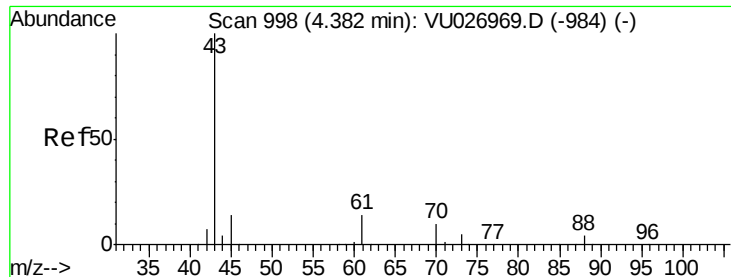
Tgt Ion:113 Resp: 67483
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.4
 192 18.7 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.252 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027075.D
 Acq: 23 Sep 2018 16:28

Tgt Ion: 75 Resp: 9123
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.1 48.2#
 77 0.0 24.6 36.8#

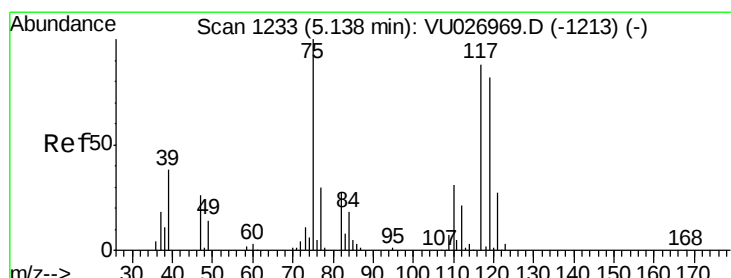
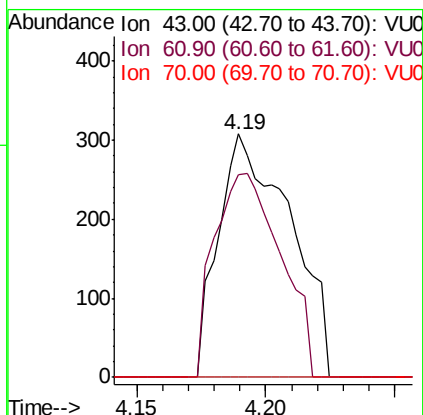
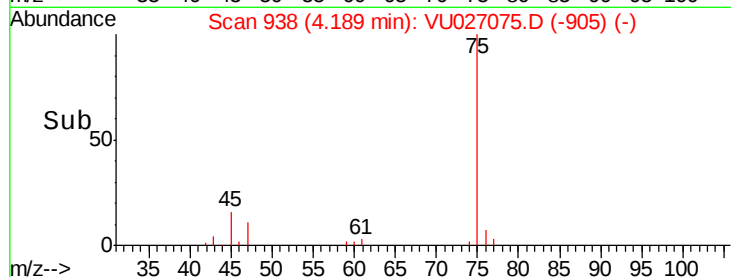
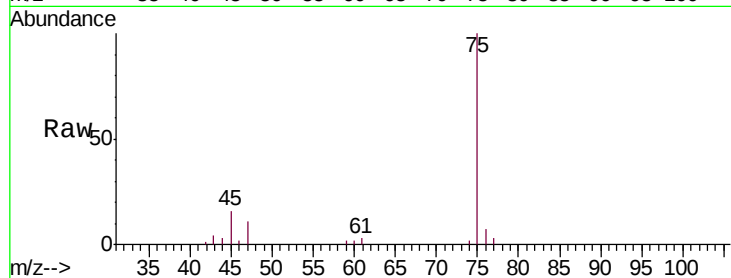




#37
Ethyl Acetate
Concen: 0.206 ug/l
RT: 4.19 min Scan# 938
Delta R.T. -0.19 min
Lab File: VU027075.D
Acq: 23 Sep 2018 16:28

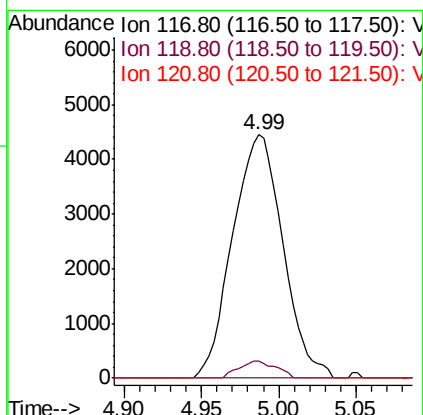
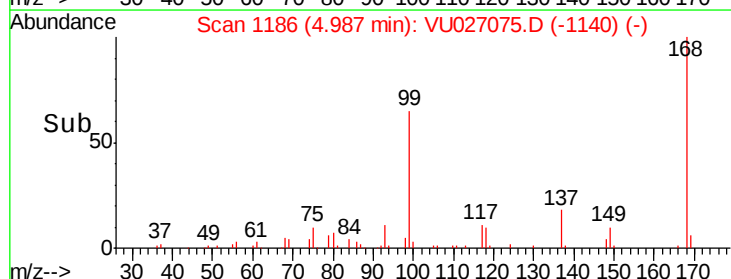
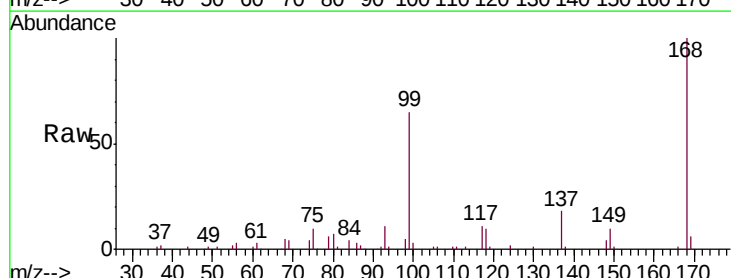
Instrument :
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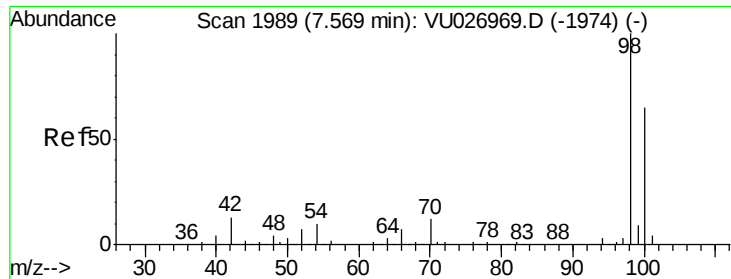
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
61 77.6 10.5 15.7#
70 0.0 7.4 11.0#



#38
Carbon Tetrachloride
Concen: 4.934 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027075.D
Acq: 23 Sep 2018 16:28

Tgt Ion: 117 Resp: 10073
Ion Ratio Lower Upper
117 100
119 7.3 74.4 111.6#
121 0.0 24.2 36.4#

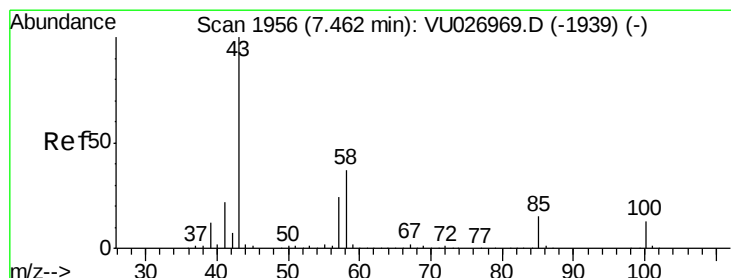
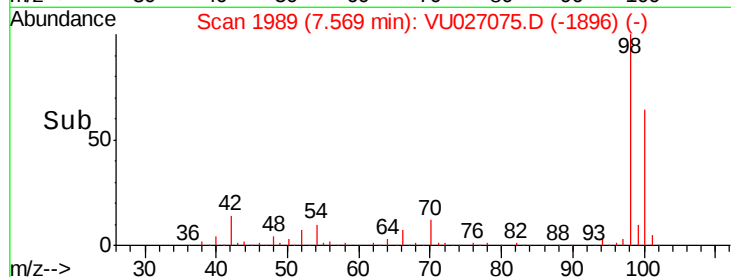
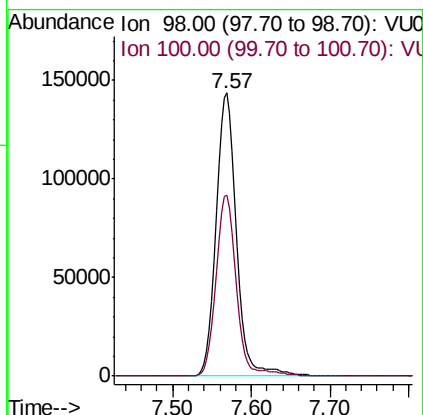
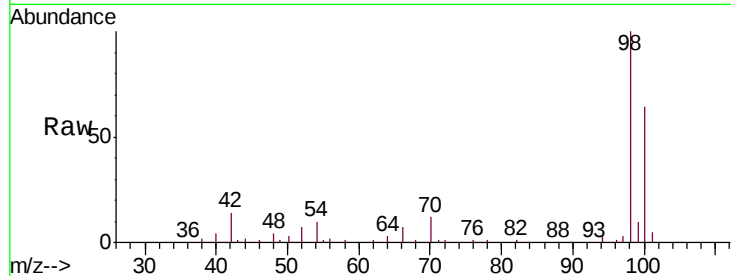




#50
Toluene-d8
Concen: 48.313 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027075.D
Acq: 23 Sep 2018 16:28

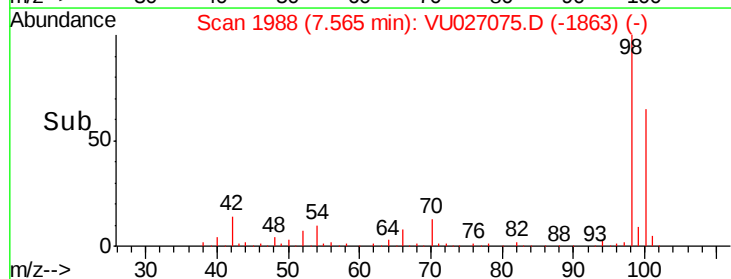
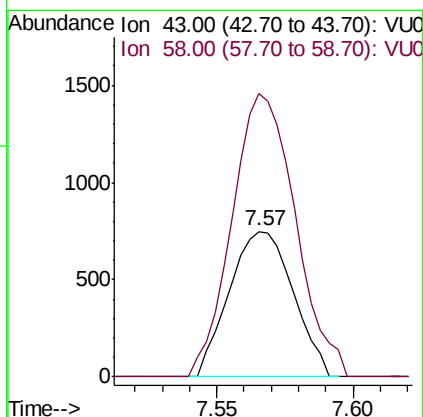
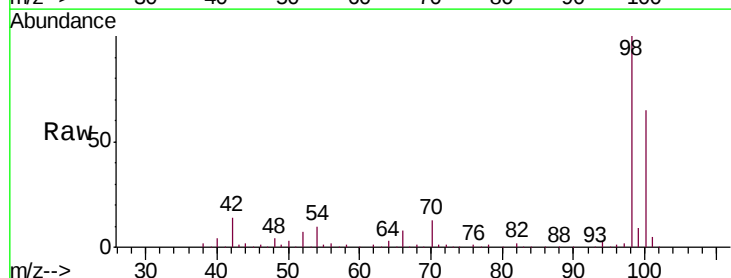
Instrument :
MSVOA_U
ClientSampleId :
BPSI-HN-MW29IR-20180916

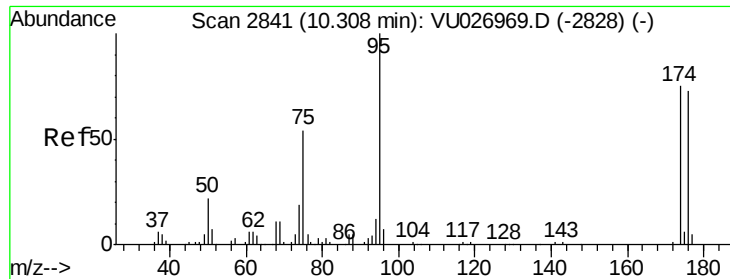
Tgt Ion: 98 Resp: 256565
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.428 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027075.D
Acq: 23 Sep 2018 16:28

Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
58 193.2 29.8 44.6#





#62

4-Bromofluorobenzene

Concen: 44.827 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027075.D

Acq: 23 Sep 2018 16:28

Instrument :

MSVOA_U

ClientSampleId :

BPSI-HN-MW29IR-20180916

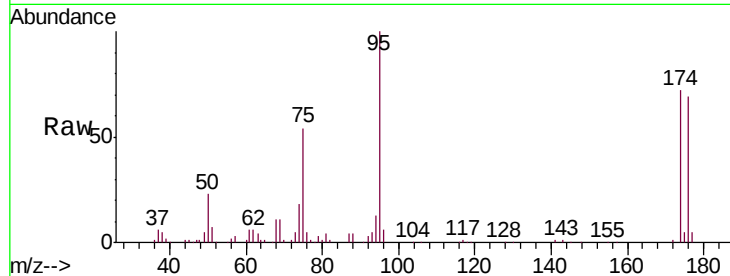
Tgt Ion: 95 Resp: 81682

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.2

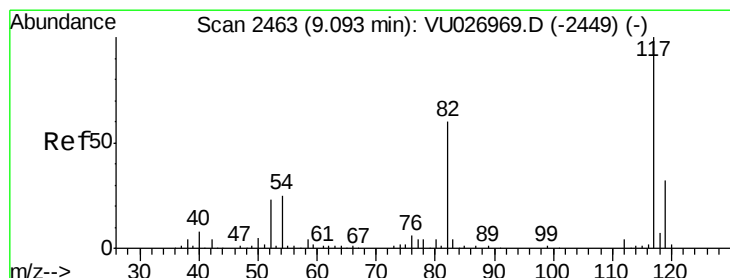
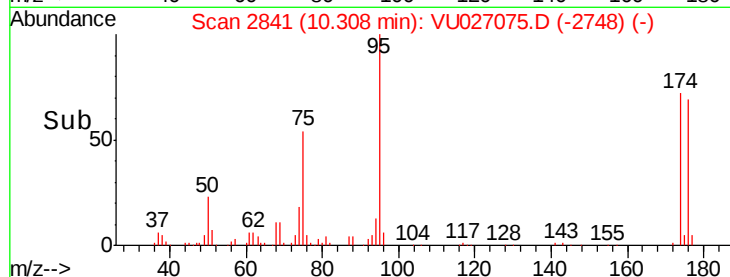
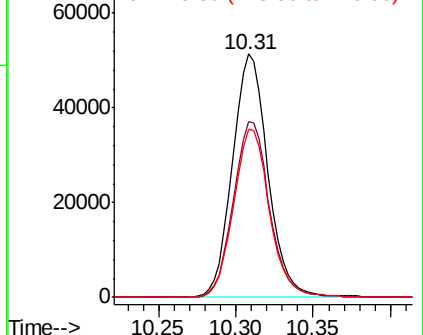
176 70.1 0.0 145.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027075.D

Acq: 23 Sep 2018 16:28

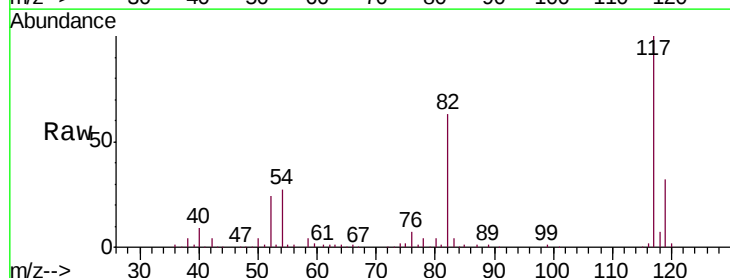
Tgt Ion: 117 Resp: 152689

Ion Ratio Lower Upper

117 100

82 62.9 48.0 72.0

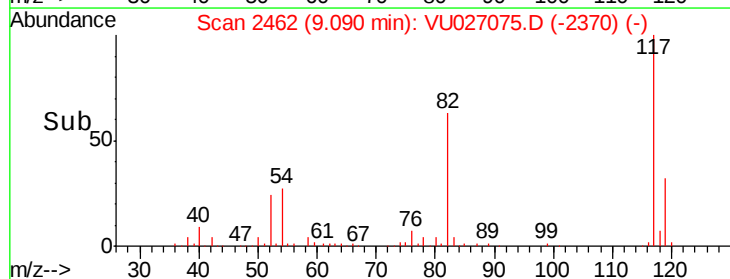
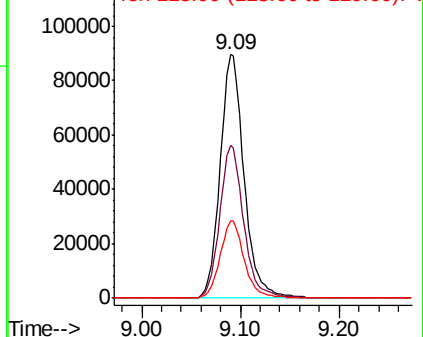
119 31.5 25.8 38.8

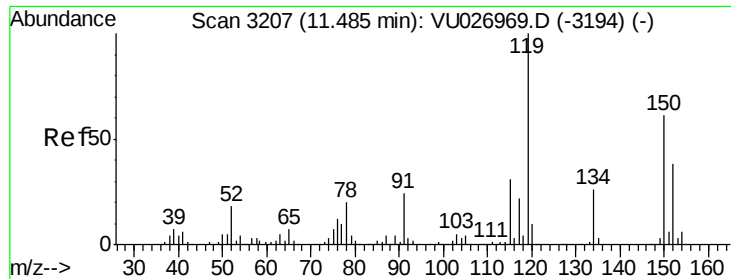


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU027075.D

Acq: 23 Sep 2018 16:28

Instrument :

MSVOA_U

ClientSampleId :

BPSI-HN-MW29IR-20180916

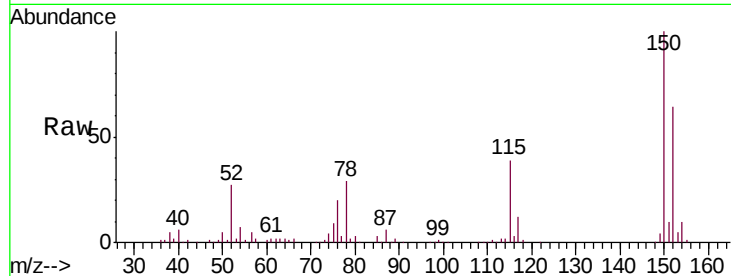
Tgt Ion:152 Resp: 69916

Ion Ratio Lower Upper

152 100

115 61.1 44.9 134.5

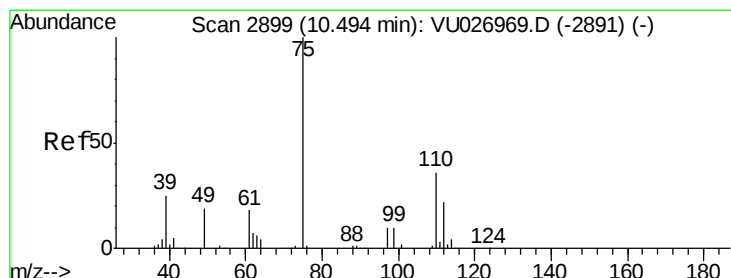
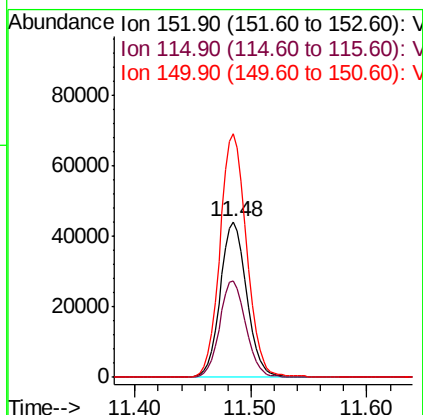
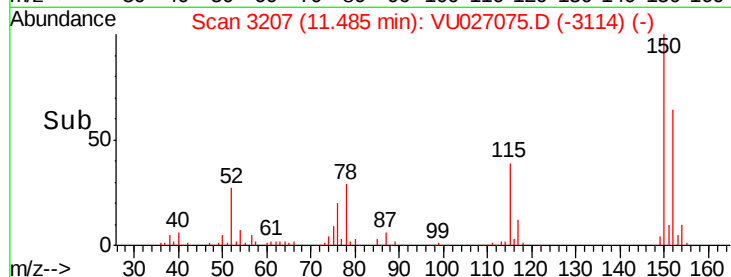
150 157.2 0.0 355.8



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: 21.010 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027075.D

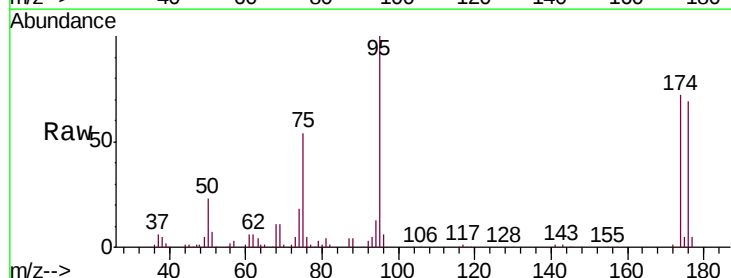
Acq: 23 Sep 2018 16:28

Tgt Ion: 75 Resp: 44625

Ion Ratio Lower Upper

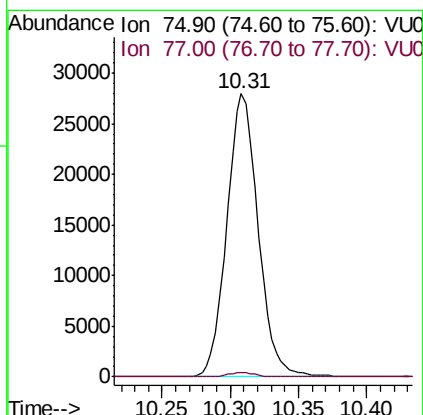
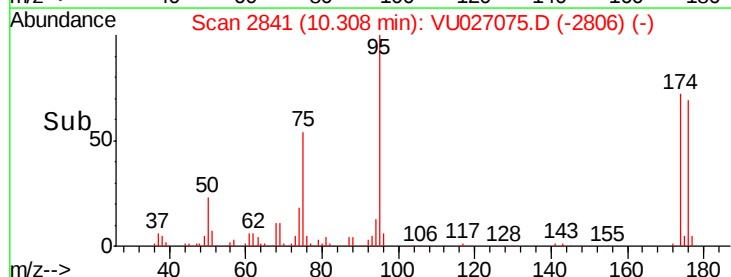
75 100

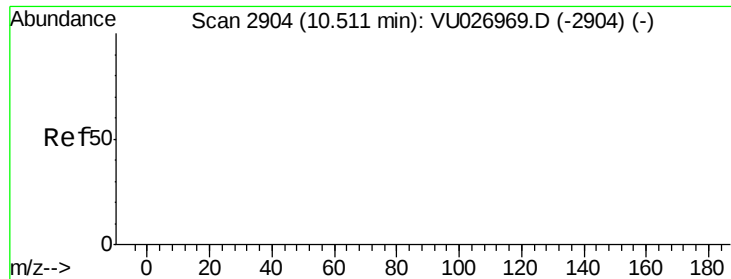
77 1.2 20.9 62.8#



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: 67.234 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027075.D
 Acq: 23 Sep 2018 16:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-HN-MW29IR-20180916

Tgt Ion: 75 Resp: 44625
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

