

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027240.D
 Acq On : 27 Sep 2018 21:46
 Operator : MD/SY
 Sample : J5033-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311S-20180919

Quant Time: Sep 28 03:41:57 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	91038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	154420	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	148425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67731	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	98355	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
35) Dibromofluoromethane	4.88	113	68506	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	7.57	98	248457	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	10.31	95	78903	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	

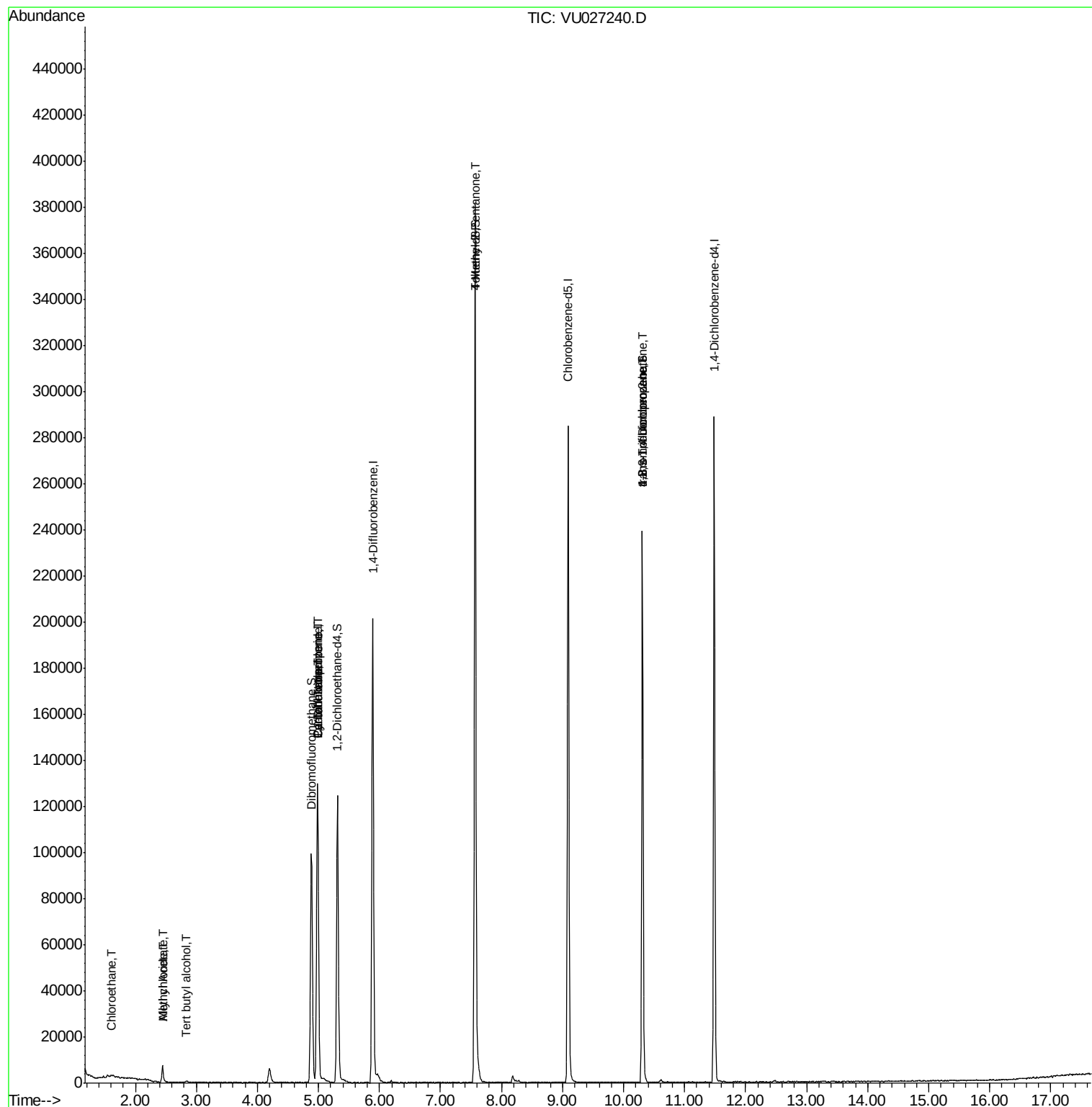
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.60	64	1975	1.616	ug/l #	43
11) Tert butyl alcohol	2.84	59	471	1.121	ug/l #	72
14) Allyl chloride	2.45	41	782	0.307	ug/l #	73
16) Acetone	2.32	43	499	Below Cal	#	44
18) Methyl Acetate	2.45	43	2001	0.767	ug/l #	55
31) Cyclohexane	4.98	56	2322	0.278	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8670	4.207	ug/l #	47
38) Carbon Tetrachloride	4.99	117	9623	4.907	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1200	0.439	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42680	20.742	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	42680	66.378	ug/l #	100

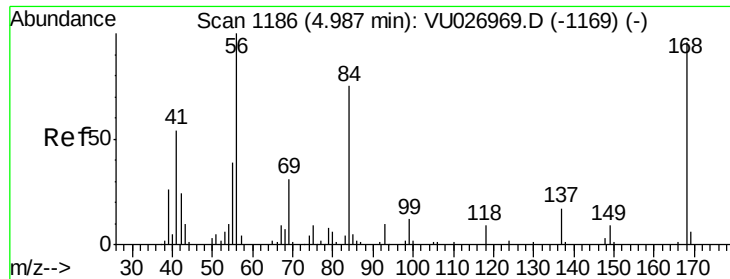
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027240.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_U

ClientSampleId :

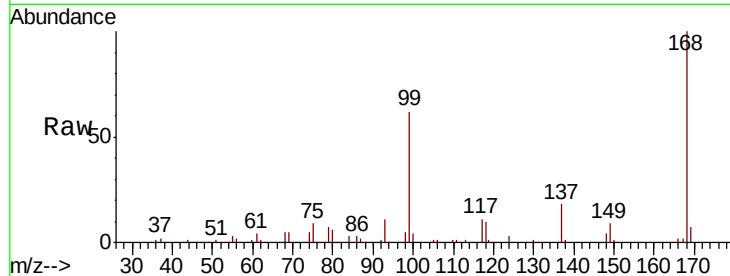
BPSI-TT-MW311S-20180919

Tot Ion:168 Resp: 91038

Ion Ratio Lower Upper

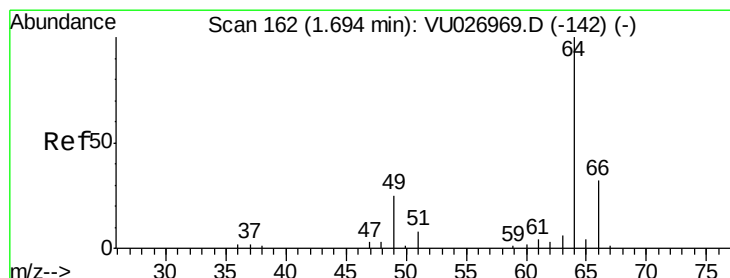
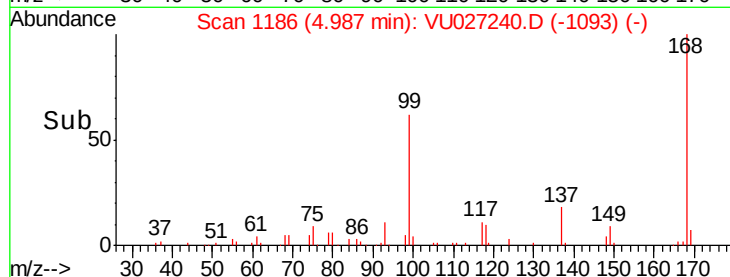
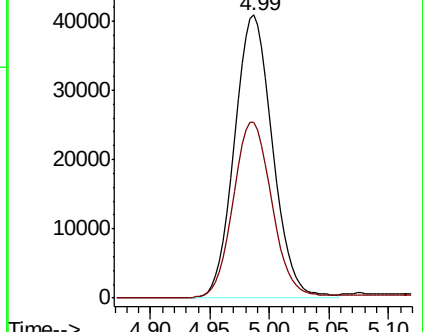
168 100

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): VU027240.D (-1093) (-)



#6

Chloroethane

Concen: 1.616 ug/l

RT: 1.60 min Scan# 134

Delta R.T. -0.09 min

Lab File: VU027240.D

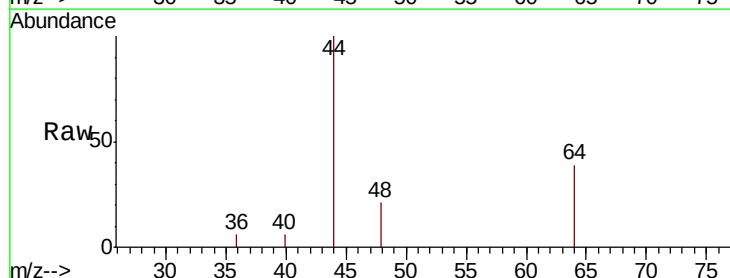
Acq: 27 Sep 2018 21:46

Tgt Ion: 64 Resp: 1975

Ion Ratio Lower Upper

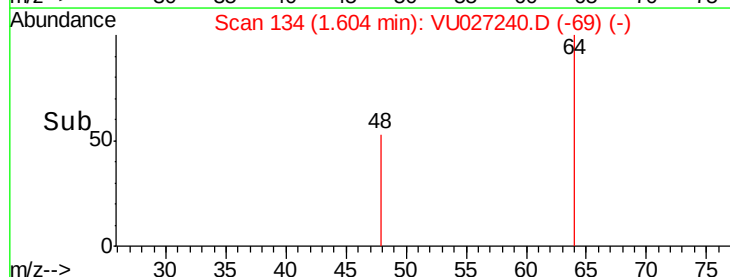
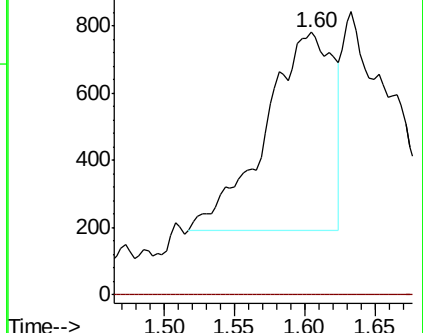
64 100

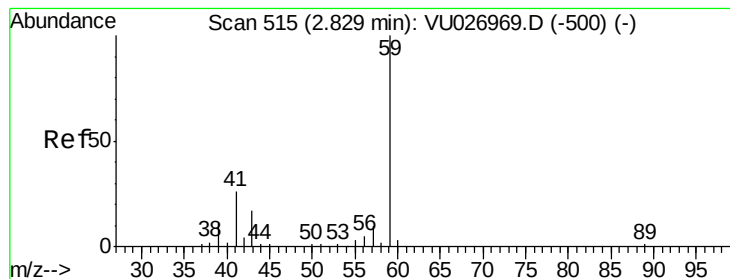
66 0.0 25.3 37.9#



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

Ion 65.90 (65.60 to 66.60): VU027240.D (-69) (-)



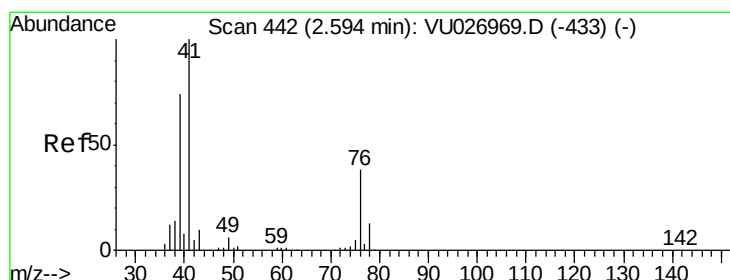
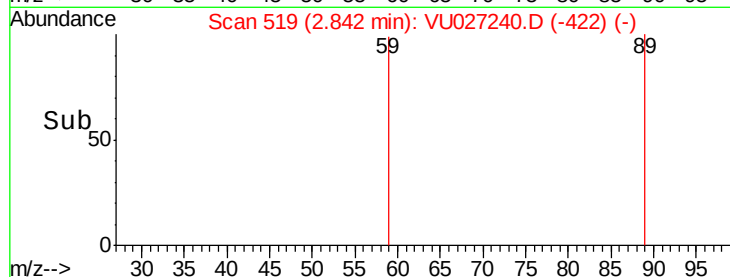
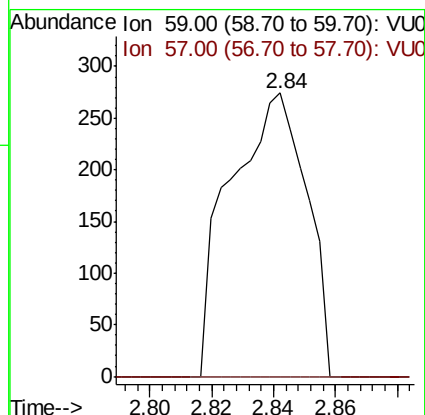
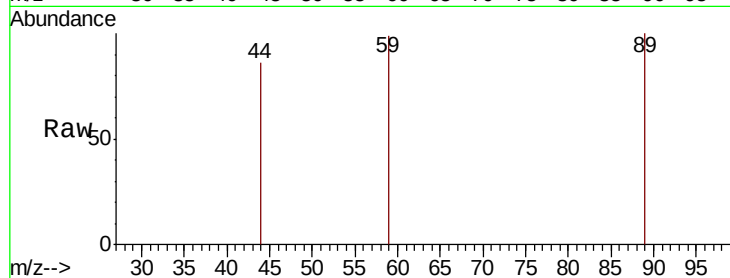


#11

Tert butyl alcohol
 Concen: 1.121 ug/l
 RT: 2.84 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VU027240.D
 Acq: 27 Sep 2018 21:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311S-20180919

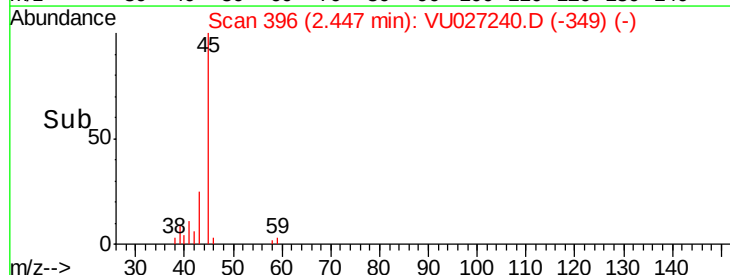
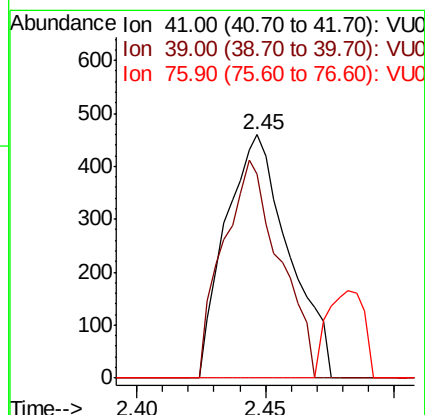
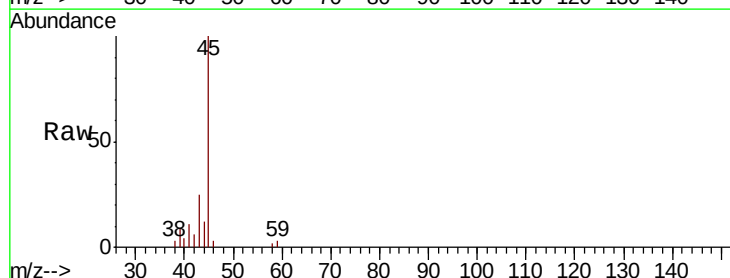
Tot Ion: 59 Resp: 471
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

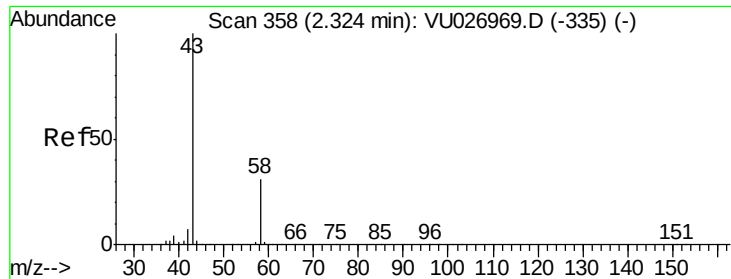


#14

Allyl chloride
 Concen: 0.307 ug/l
 RT: 2.45 min Scan# 396
 Delta R.T. -0.15 min
 Lab File: VU027240.D
 Acq: 27 Sep 2018 21:46

Tgt Ion: 41 Resp: 782
 Ion Ratio Lower Upper
 41 100
 39 79.9 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: VU027240.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_U

ClientSampleId :

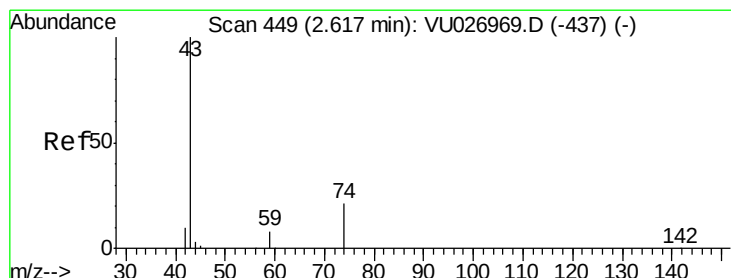
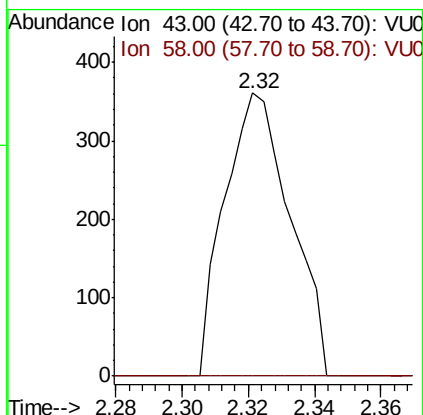
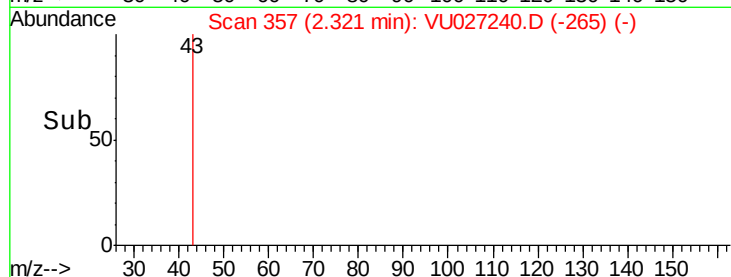
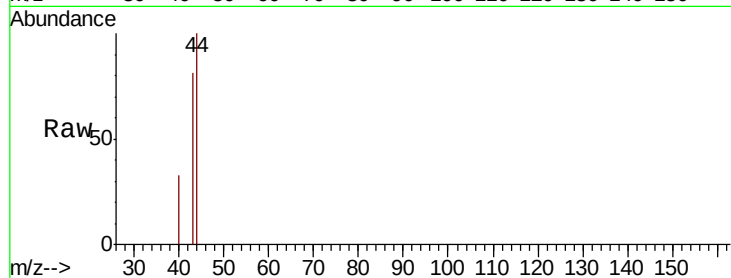
BPSI-TT-MW311S-20180919

Tot Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

58 0.0 24.6 36.8#



#18

Methyl Acetate

Concen: 0.767 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.17 min

Lab File: VU027240.D

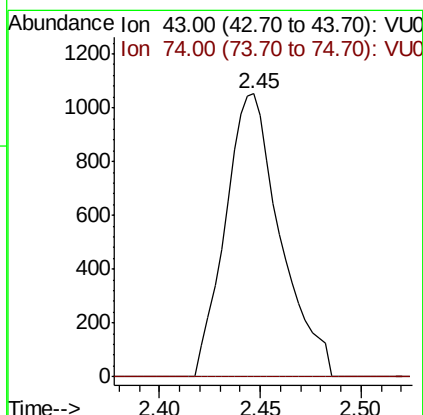
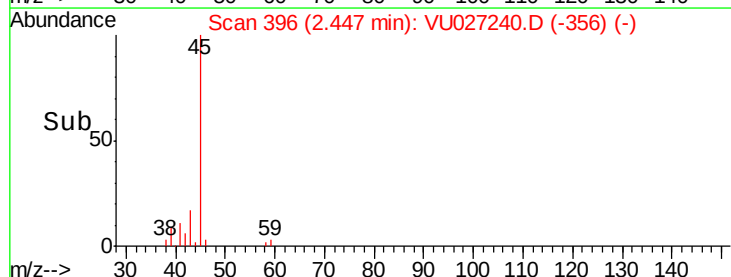
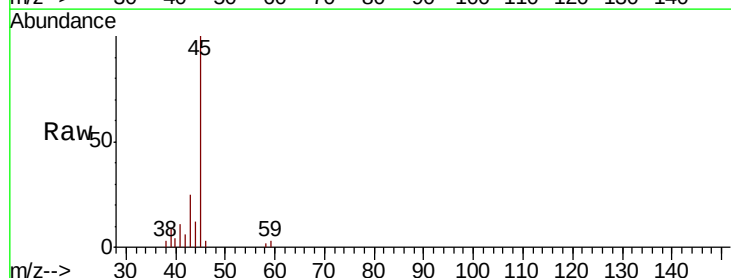
Acq: 27 Sep 2018 21:46

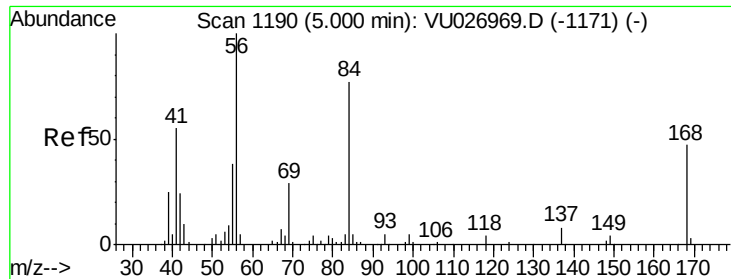
Tgt Ion: 43 Resp: 2001

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#

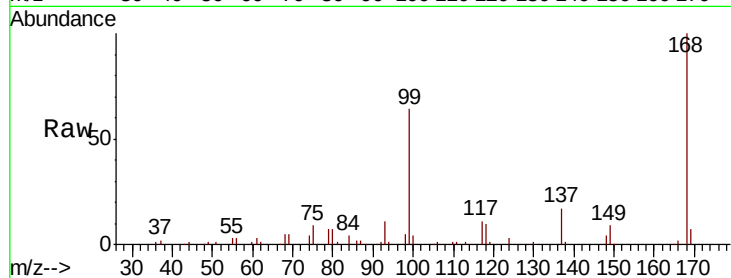




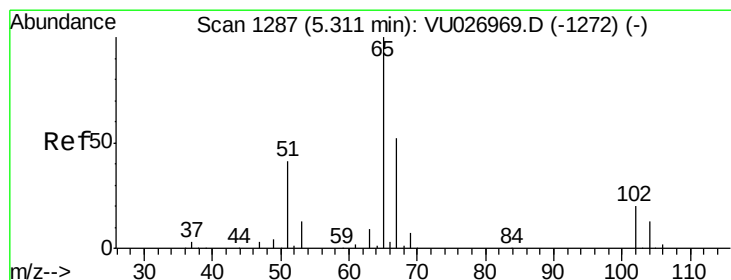
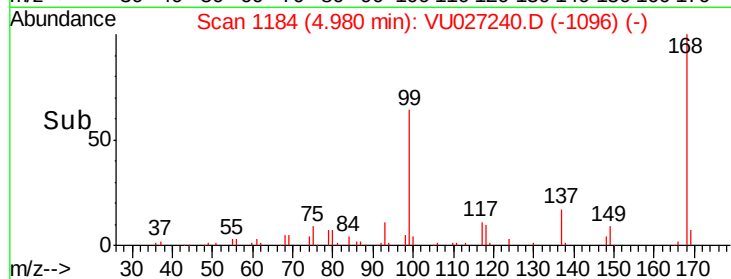
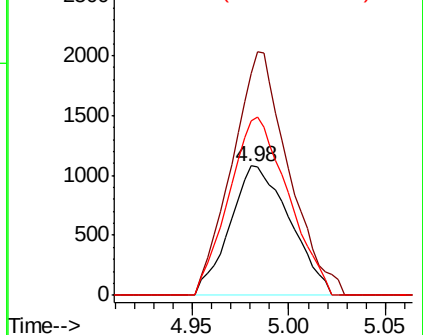
#31
Cyclohexane
Concen: 0.278 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VU027240.D
Acq: 27 Sep 2018 21:46

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311S-20180919

Tot Ion: 56 Resp: 2322
Ion Ratio Lower Upper
56 100
69 171.5 23.0 34.4#
84 134.8 61.4 92.2#

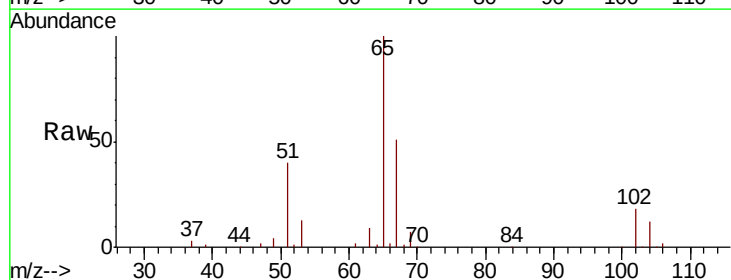


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

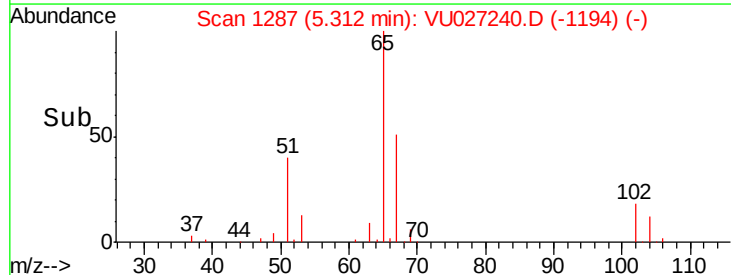
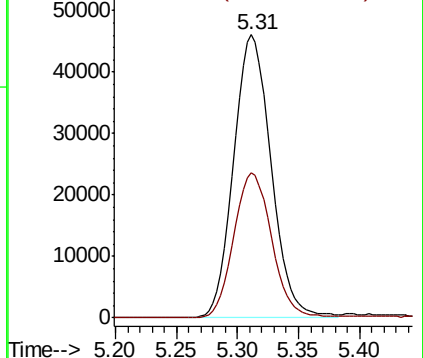


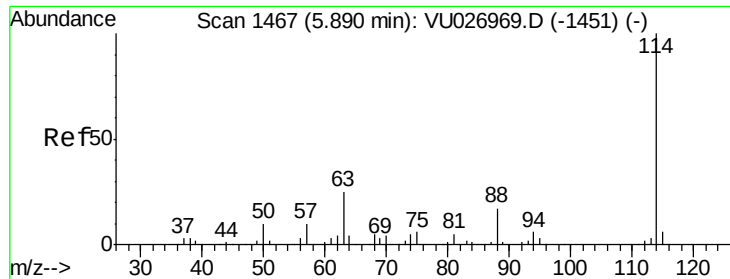
#33
1,2-Dichloroethane-d4
Concen: 53.679 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027240.D
Acq: 27 Sep 2018 21:46

Tgt Ion: 65 Resp: 98355
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6



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

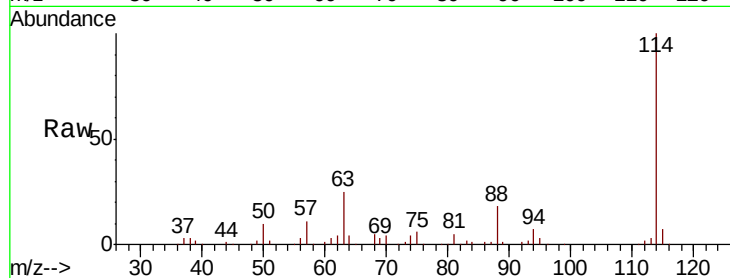




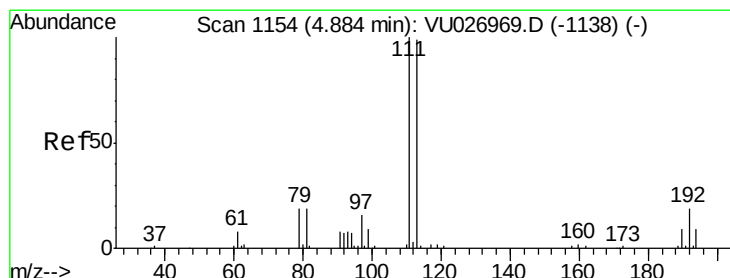
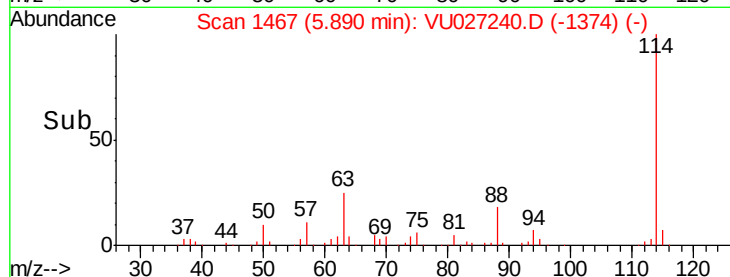
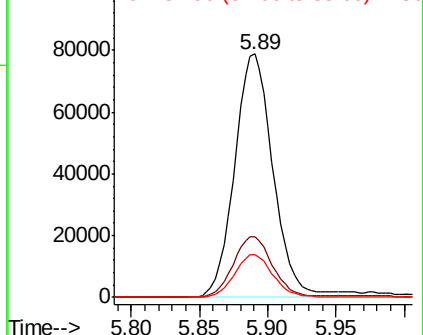
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027240.D
Acq: 27 Sep 2018 21:46

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311S-20180919

Tot Ion:114 Resp: 154420
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.2
88 17.6 0.0 33.8

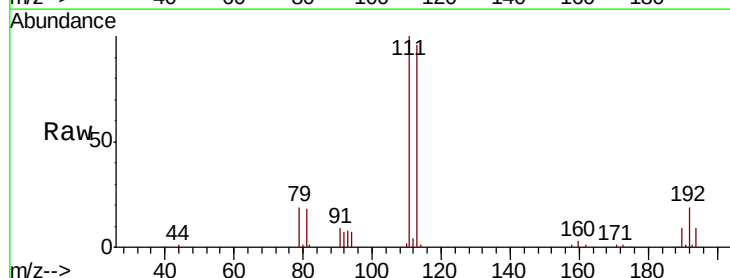


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

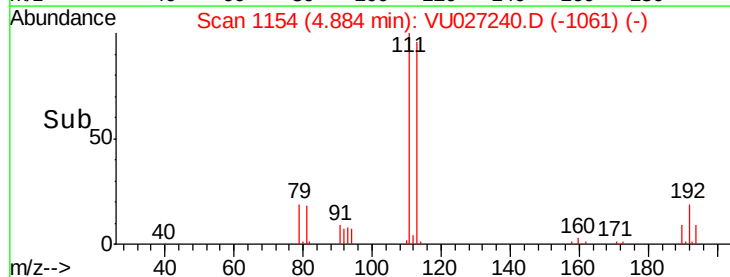
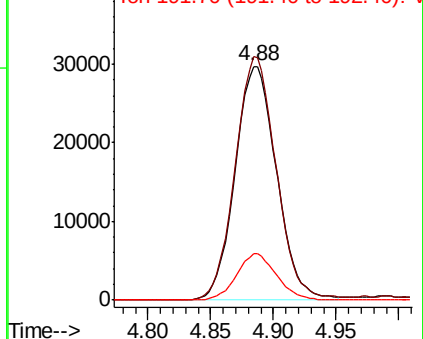


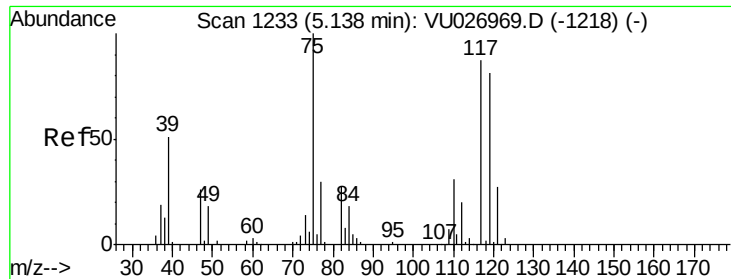
#35
Dibromofluoromethane
Concen: 51.181 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027240.D
Acq: 27 Sep 2018 21:46

Tgt Ion:113 Resp: 68506
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 19.0 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

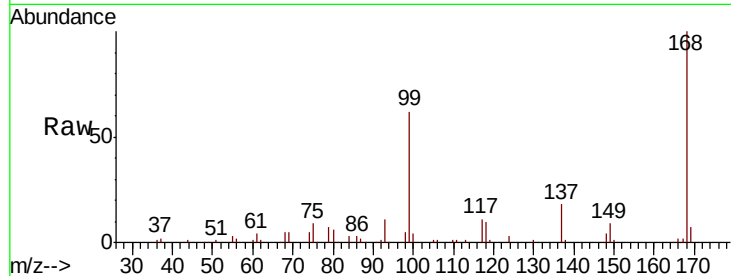




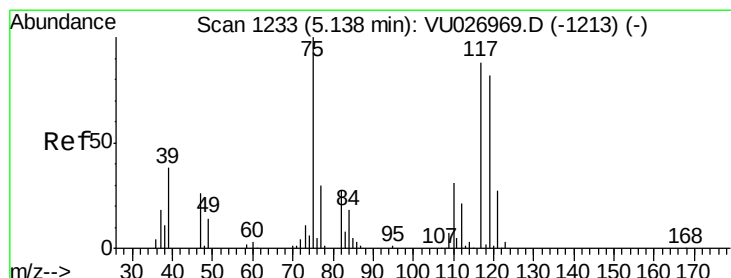
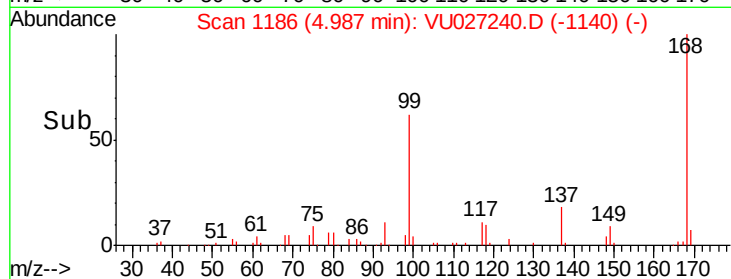
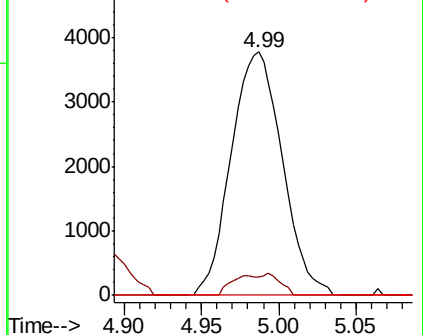
#36
 1,1-Dichloropropene
 Concen: 4.207 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027240.D
 Acq: 27 Sep 2018 21:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311S-20180919

Tot Ion	Ratio	Lower	Upper
75	100		
110	4.4	16.1	48.2#
77	0.0	24.6	36.8#

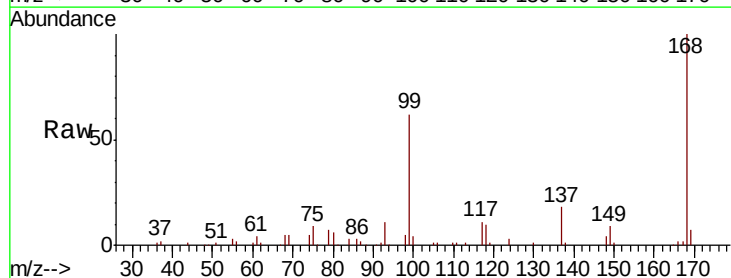


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

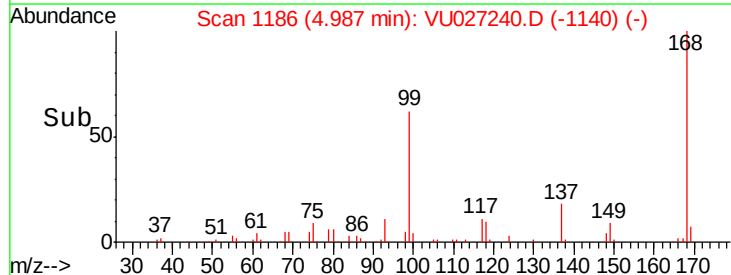
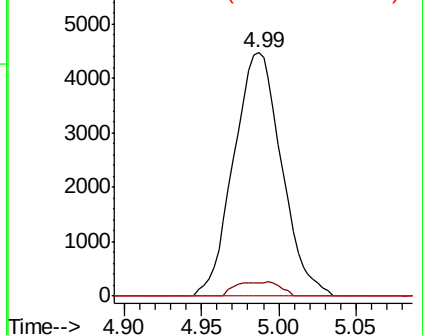


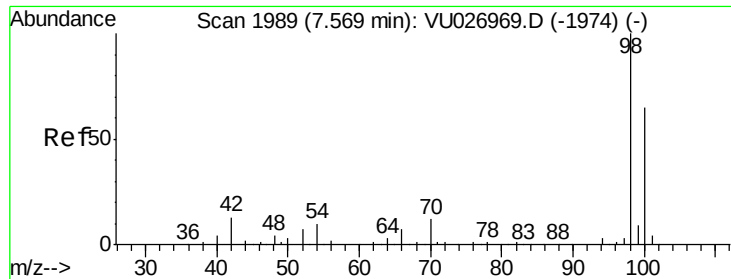
#38
 Carbon Tetrachloride
 Concen: 4.907 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027240.D
 Acq: 27 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	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





#50

Toluene-d8

Concen: 48.706 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027240.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_U

ClientSampleId :

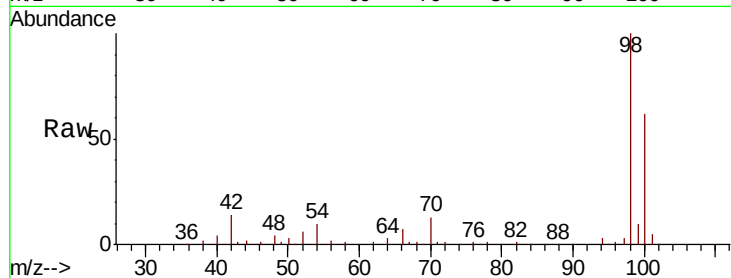
BPSI-TT-MW311S-20180919

Tot Ion: 98 Resp: 248457

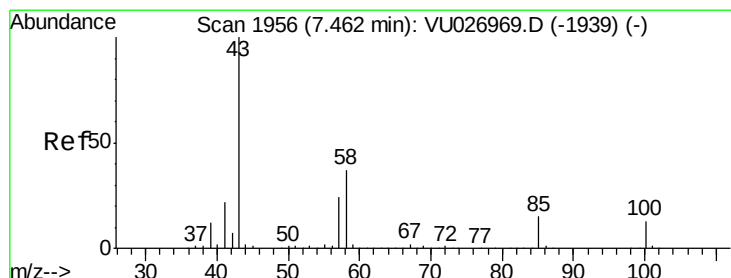
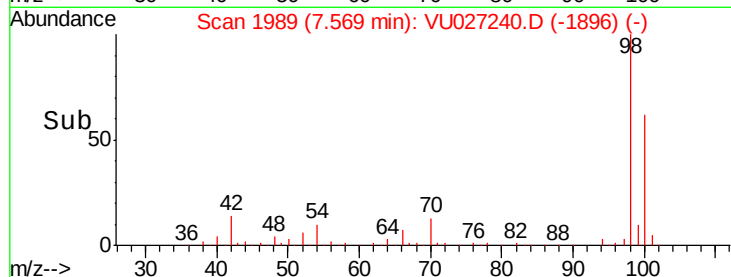
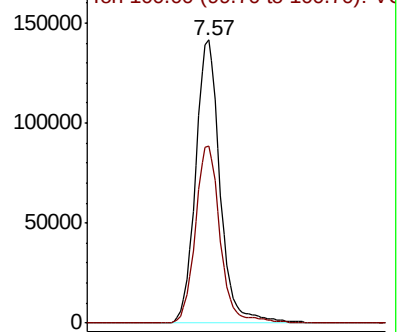
Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1



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



#51

4-Methyl-2-Pentanone

Concen: 0.439 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU027240.D

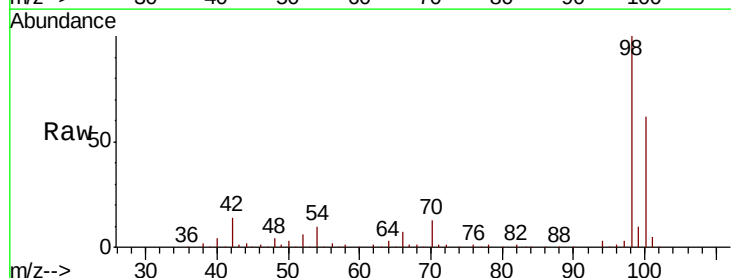
Acq: 27 Sep 2018 21:46

Tgt Ion: 43 Resp: 1200

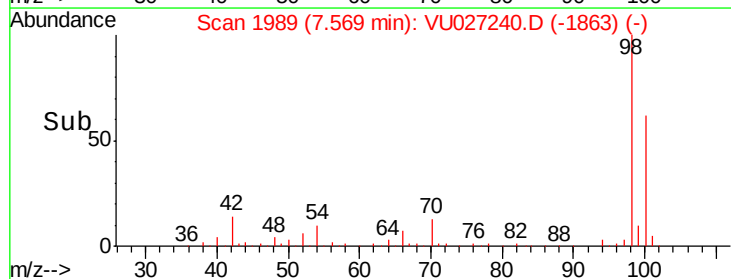
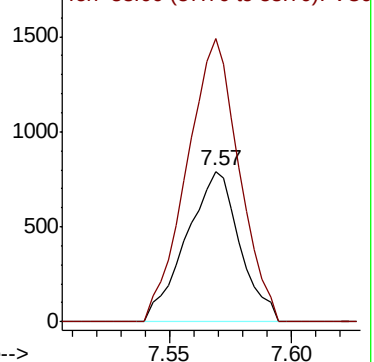
Ion Ratio Lower Upper

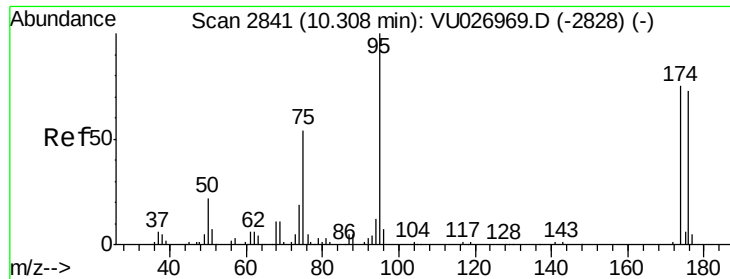
43 100

58 184.4 29.8 44.6#



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

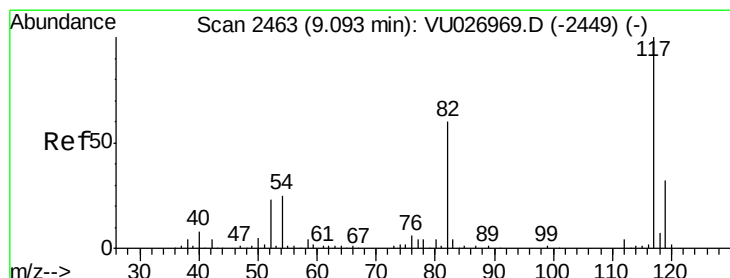
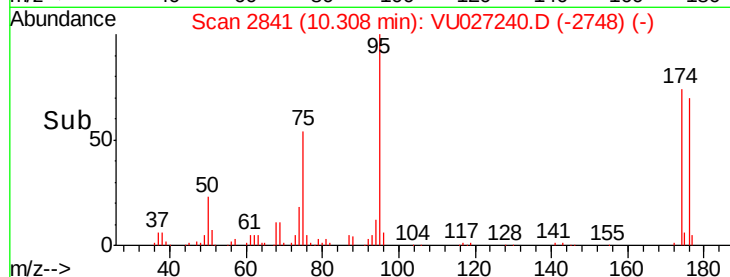
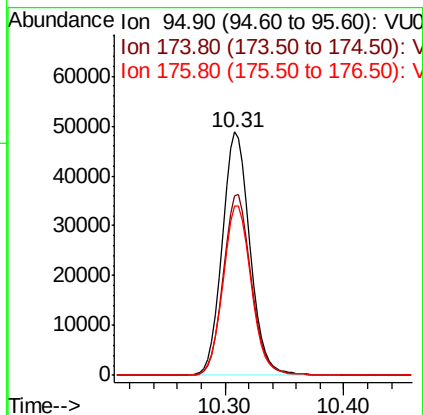
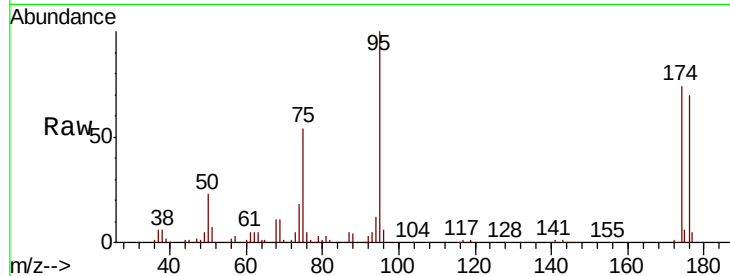




#62
4-Bromofluorobenzene
Concen: 45.078 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027240.D
Acq: 27 Sep 2018 21:46

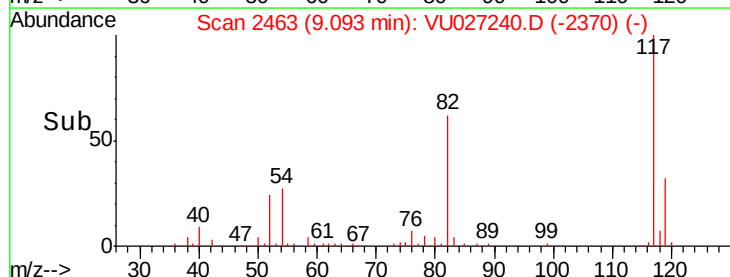
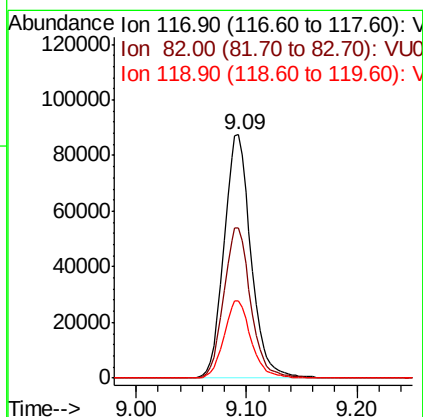
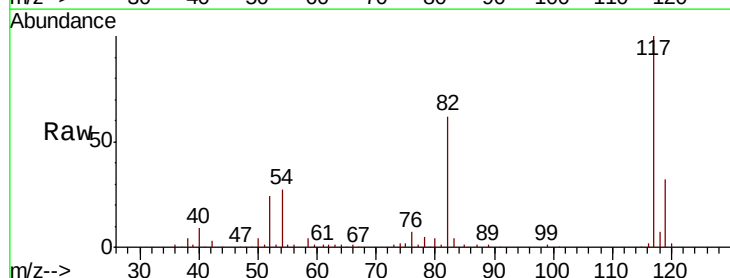
Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW311S-20180919

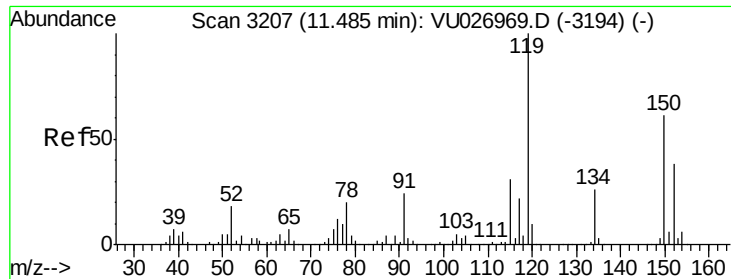
Tot Ion: 95 Resp: 78903
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.2
176 71.3 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027240.D
Acq: 27 Sep 2018 21:46

Tgt Ion: 117 Resp: 148425
Ion Ratio Lower Upper
117 100
82 61.9 48.0 72.0
119 31.7 25.8 38.8

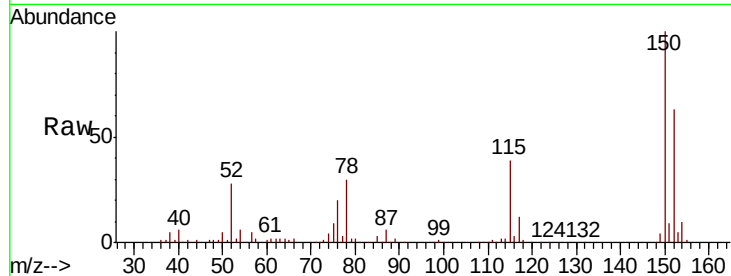




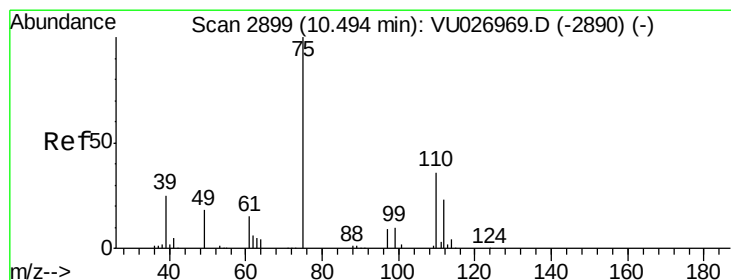
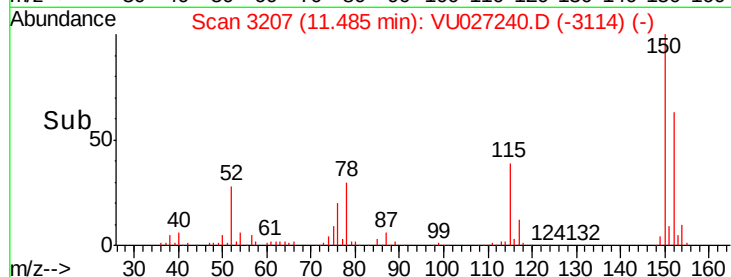
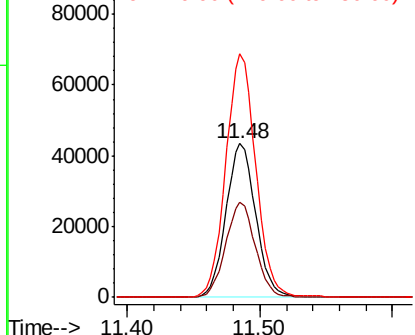
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027240.D
 Acq: 27 Sep 2018 21:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311S-20180919

Tot Ion:152 Resp: 67731
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.9 134.5
 150 159.6 0.0 355.8

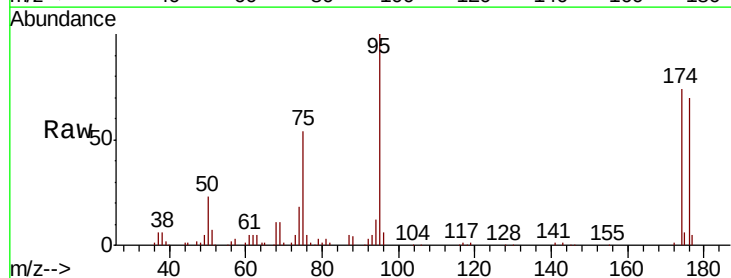


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

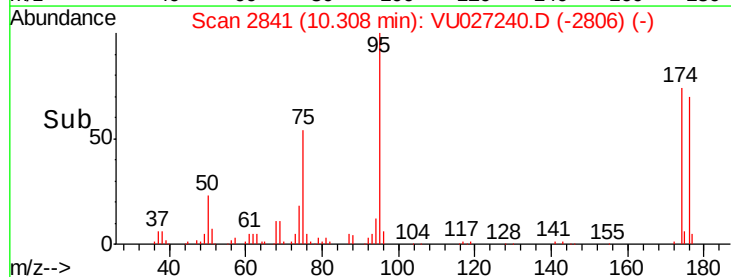
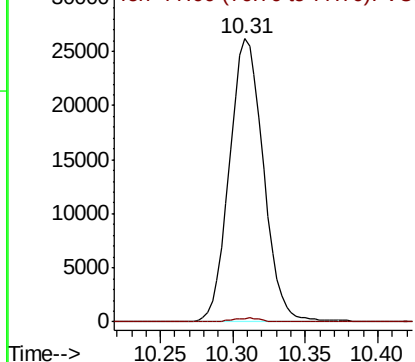


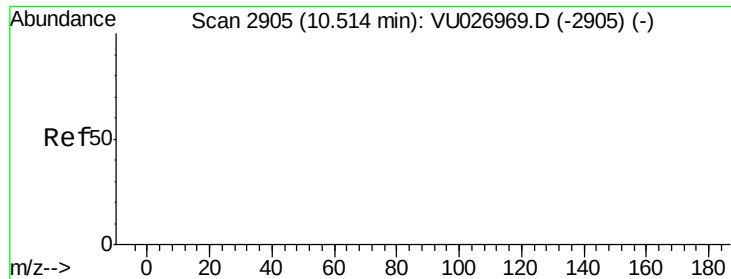
#76
 1,2,3-Trichloropropane
 Concen: 20.742 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027240.D
 Acq: 27 Sep 2018 21:46

Tgt Ion: 75 Resp: 42680
 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: 66.378 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027240.D
 Acq: 27 Sep 2018 21:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW311S-20180919

Tot Ion: 75 Resp: 42680
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0#
 89 0.0 0.0 0.0

