

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027244.D
 Acq On : 27 Sep 2018 23:19
 Operator : MD/SY
 Sample : J5033-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW307D-2018020

Quant Time: Sep 28 03:42:47 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	87189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	149621	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	144979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	64297	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	94805	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
35) Dibromofluoromethane	4.89	113	66841	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	7.57	98	241346	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	10.31	95	74988	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	

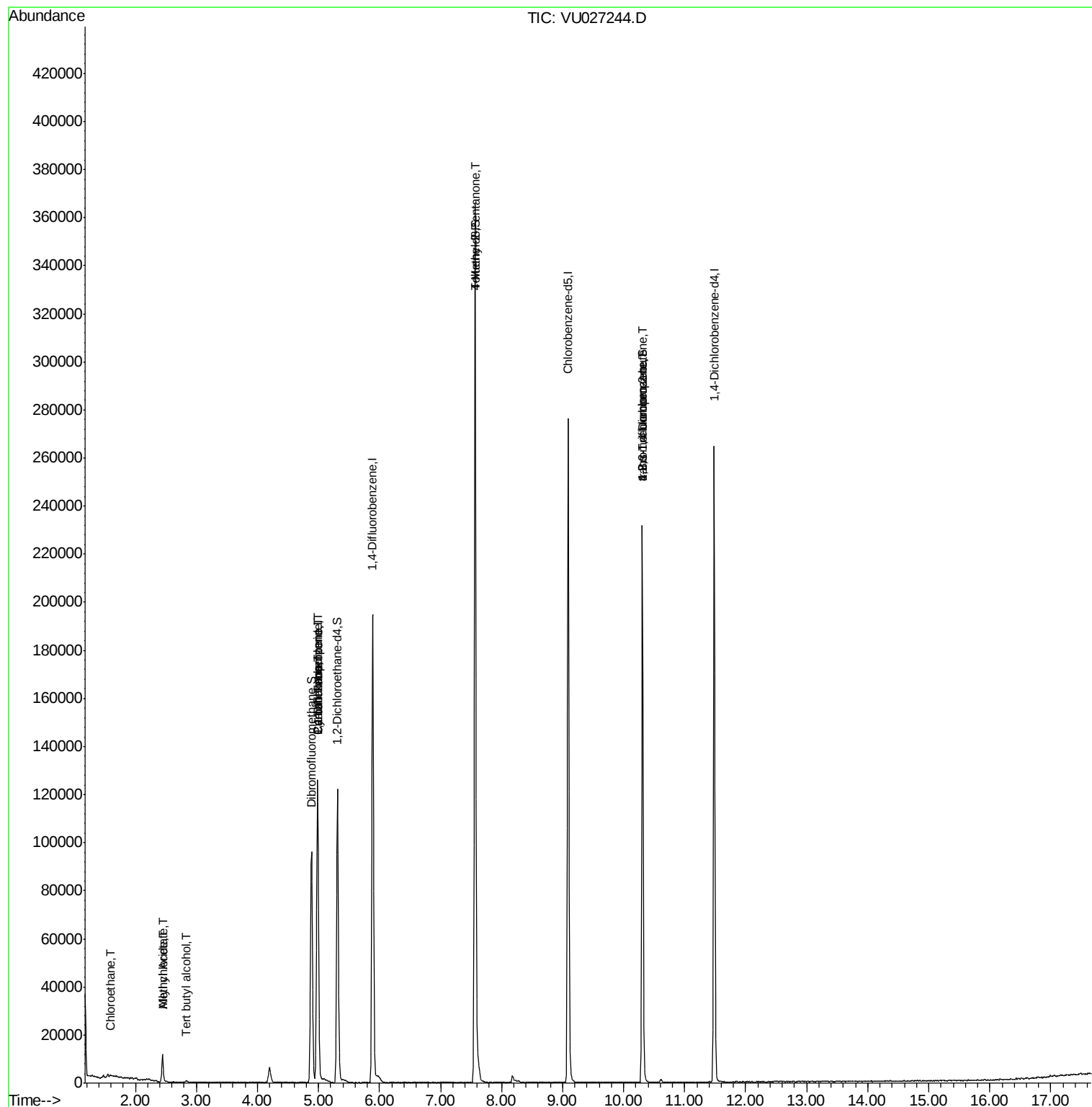
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.60	64	427	0.365	ug/l #	43
11) Tert butyl alcohol	2.83	59	441	1.096	ug/l #	72
14) Allyl chloride	2.45	41	1174	0.481	ug/l #	71
16) Acetone	2.32	43	870	Below Cal		93
18) Methyl Acetate	2.44	43	3130	1.253	ug/l #	55
31) Cyclohexane	4.98	56	2131	0.243	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	8177	4.095	ug/l #	49
38) Carbon Tetrachloride	4.99	117	8994	4.733	ug/l #	19
51) 4-Methyl-2-Pentanone	7.57	43	1201	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	40900	20.939	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	40900	67.007	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: VU027244.D

Acq: 27 Sep 2018 23:19

Instrument :

MSVOA_U

ClientSampleId :

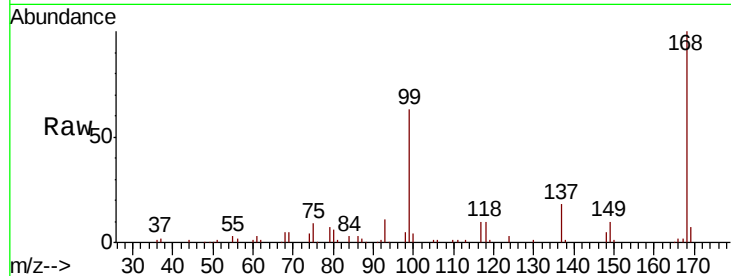
BPSI-TT-MW307D-2018020

Tot Ion:168 Resp: 87189

Ion Ratio Lower Upper

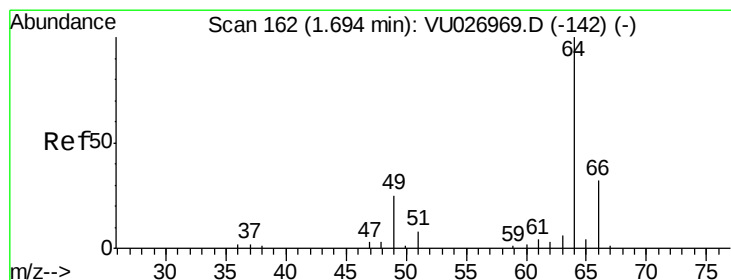
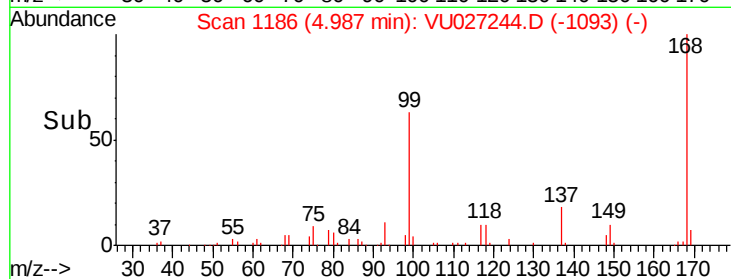
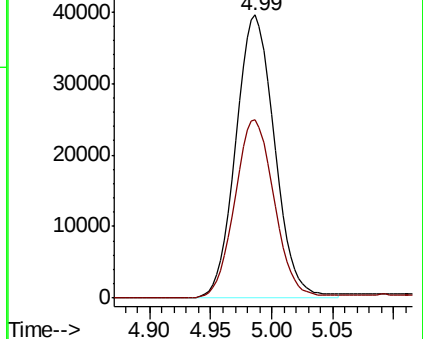
168 100

99 62.8 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) (-)



#6

Chloroethane

Concen: 0.365 ug/l

RT: 1.60 min Scan# 132

Delta R.T. -0.10 min

Lab File: VU027244.D

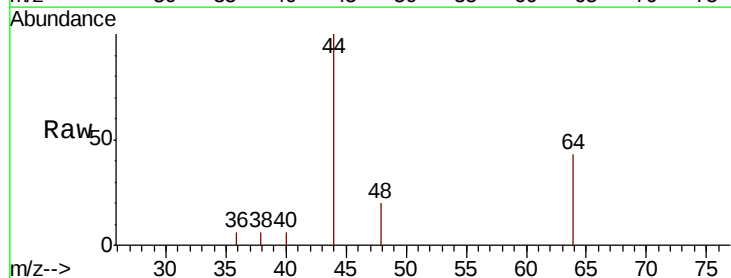
Acq: 27 Sep 2018 23:19

Tgt Ion: 64 Resp: 427

Ion Ratio Lower Upper

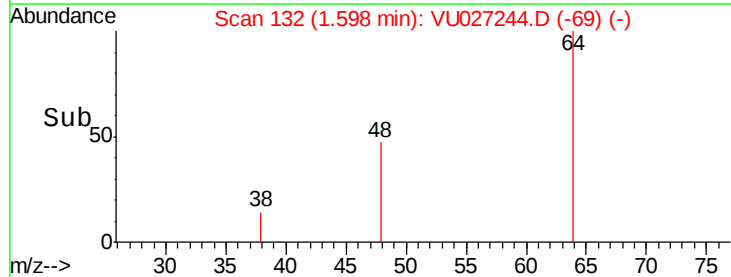
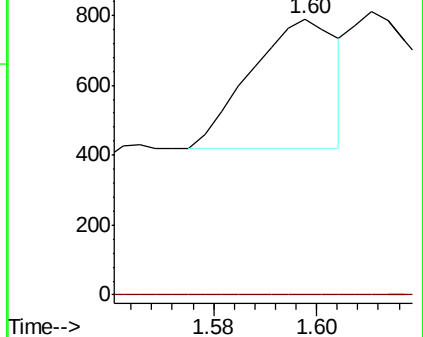
64 100

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): VU026969.D (-142) (-)



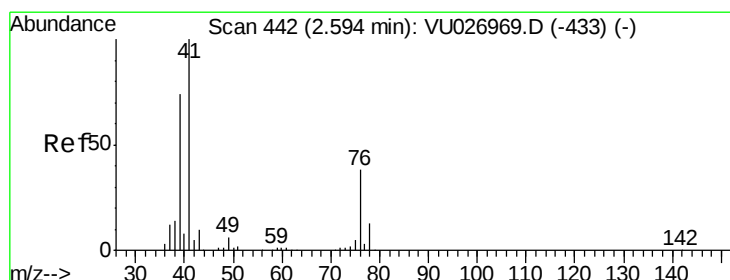
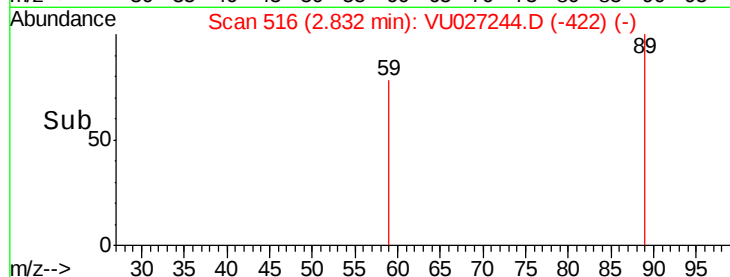
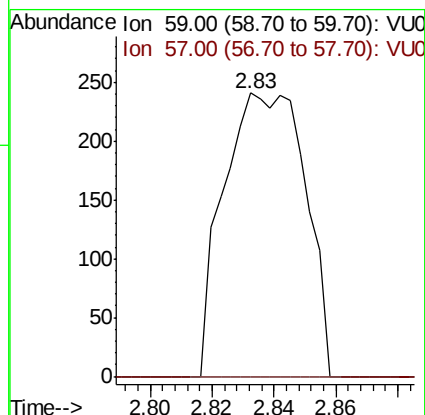
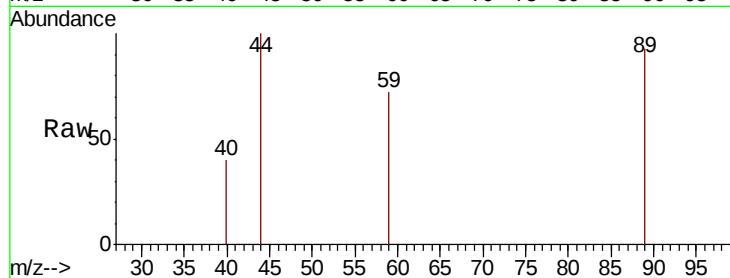


#11

Tert butyl alcohol
Concen: 1.096 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW307D-2018020

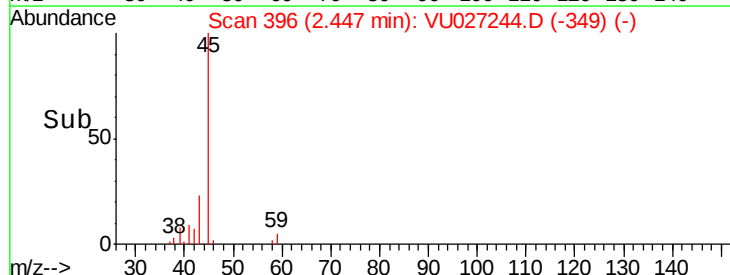
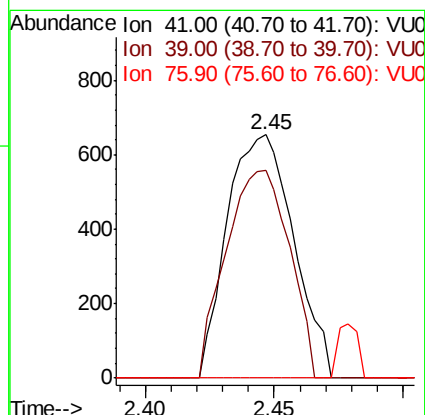
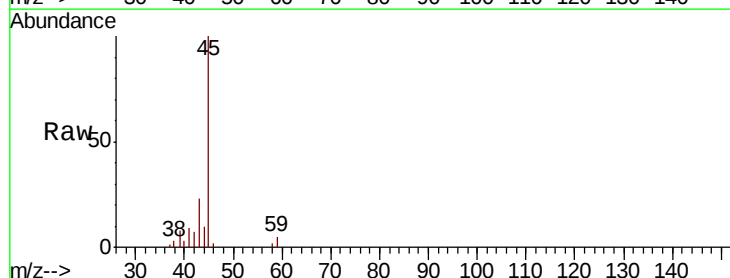
Tot Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#14

Allyl chloride
Concen: 0.481 ug/l
RT: 2.45 min Scan# 396
Delta R.T. -0.15 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

Tgt Ion: 41 Resp: 1174
Ion Ratio Lower Upper
41 100
39 81.4 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: VU027244.D

Acq: 27 Sep 2018 23:19

Instrument :

MSVOA_U

ClientSampleId :

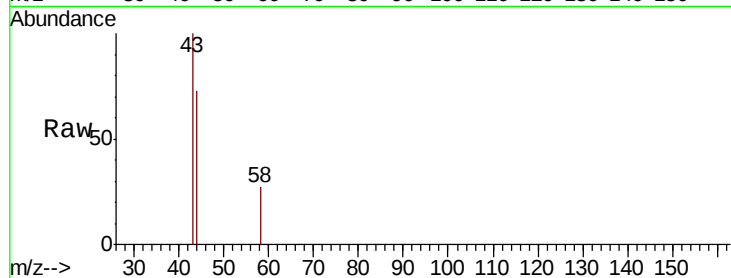
BPSI-TT-MW307D-2018020

Tot Ion: 43 Resp: 870

Ion Ratio Lower Upper

43 100

58 26.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

600

500

400

300

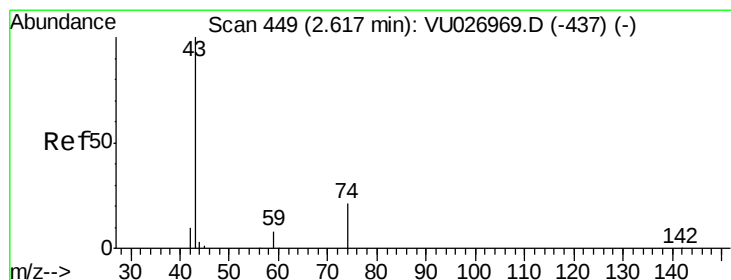
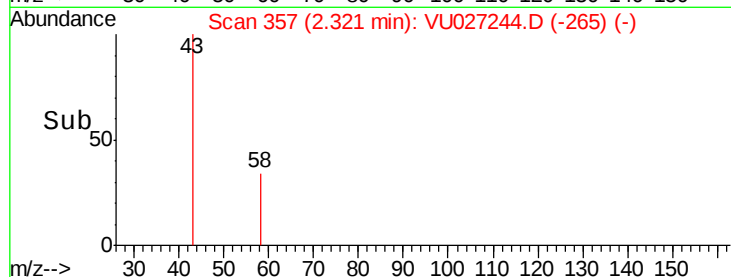
200

100

0

2.30 2.35

Time-->



#18

Methyl Acetate

Concen: 1.253 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.17 min

Lab File: VU027244.D

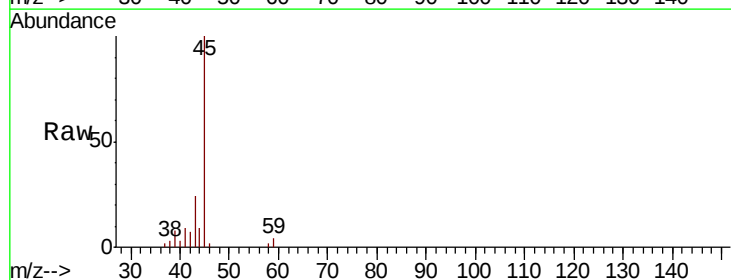
Acq: 27 Sep 2018 23:19

Tgt Ion: 43 Resp: 3130

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.44

2000

1500

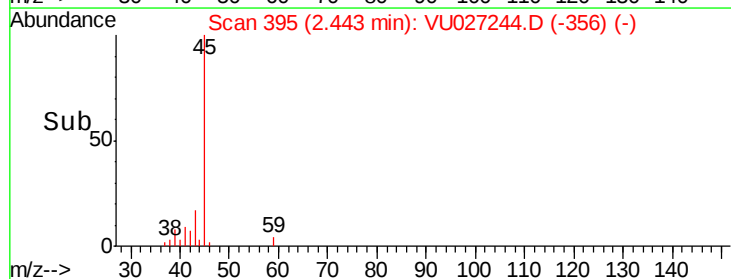
1000

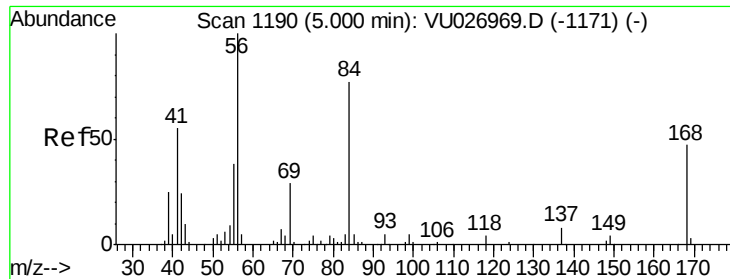
500

0

2.40 2.45 2.50

Time-->

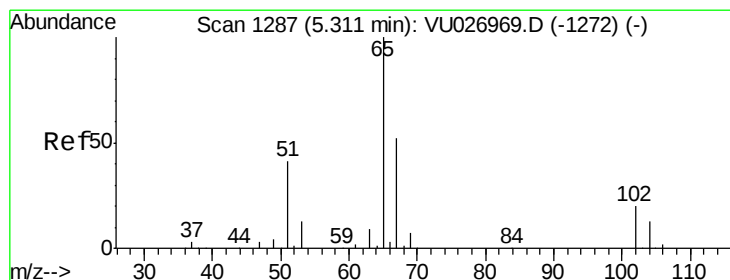
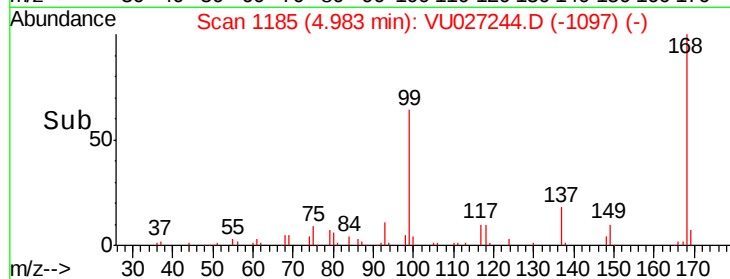
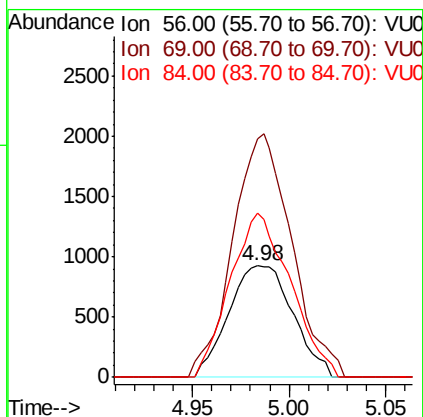
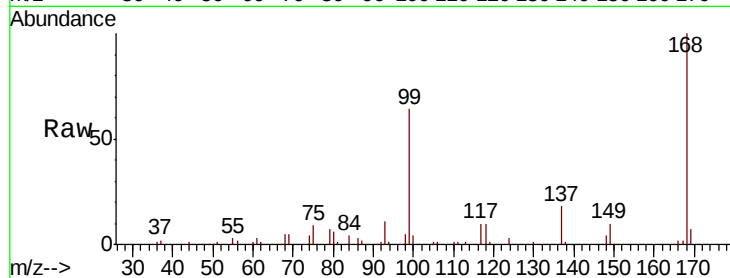




#31
Cyclohexane
Concen: 0.243 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

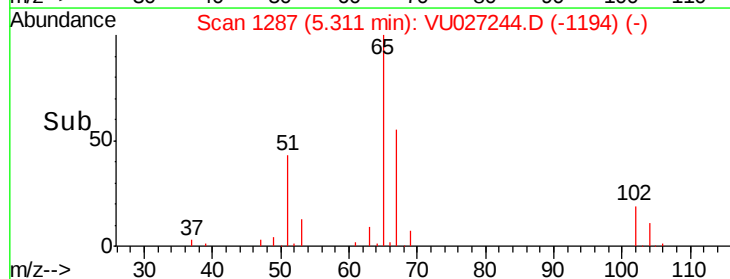
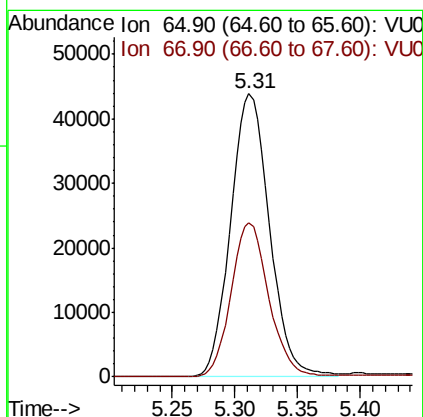
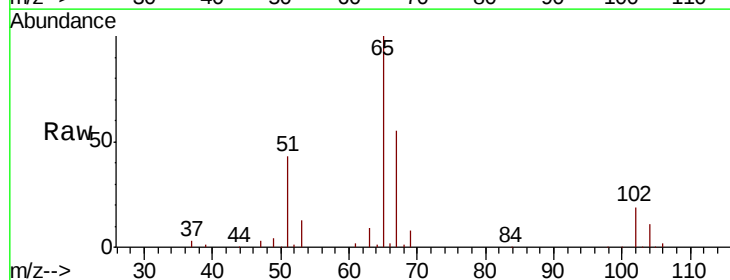
Instrument :
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BPSI-TT-MW307D-2018020

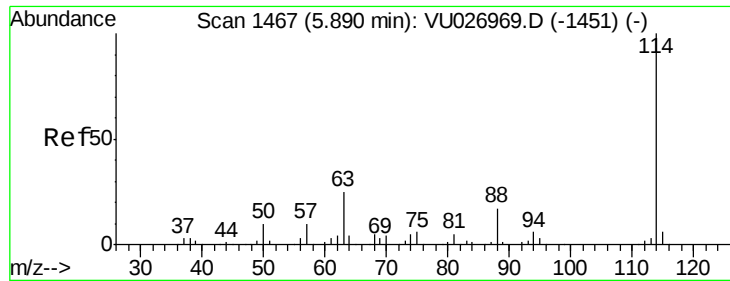
Tot Ion: 56 Resp: 2131
Ion Ratio Lower Upper
56 100
69 214.5 23.0 34.4#
84 148.3 61.4 92.2#



#33
1,2-Dichloroethane-d4
Concen: 54.025 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

Tgt Ion: 65 Resp: 94805
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6

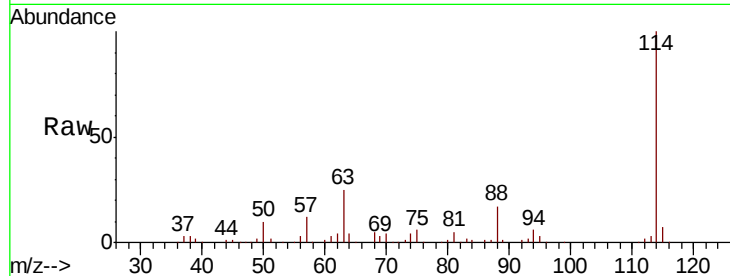




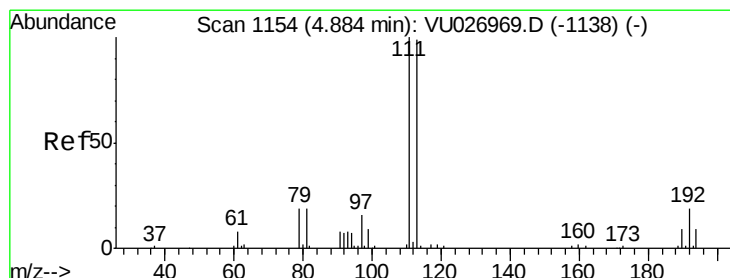
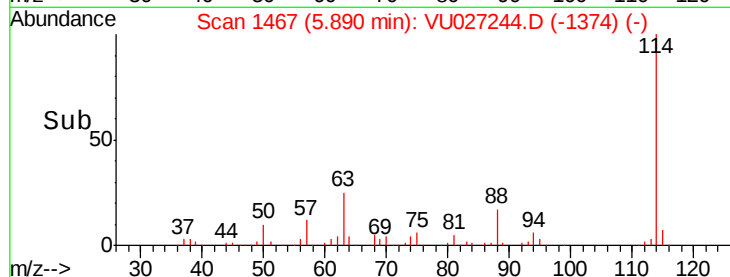
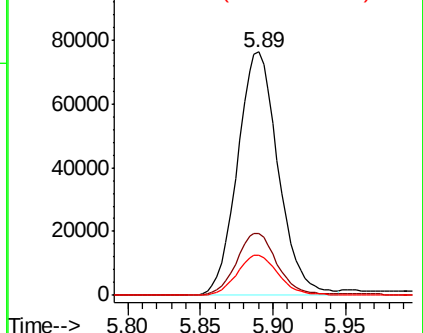
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027244.D
 Acq: 27 Sep 2018 23:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW307D-2018020

Tot Ion:114 Resp: 149621
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 16.7 0.0 33.8

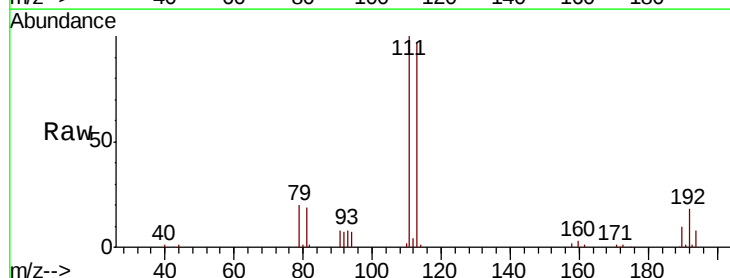


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

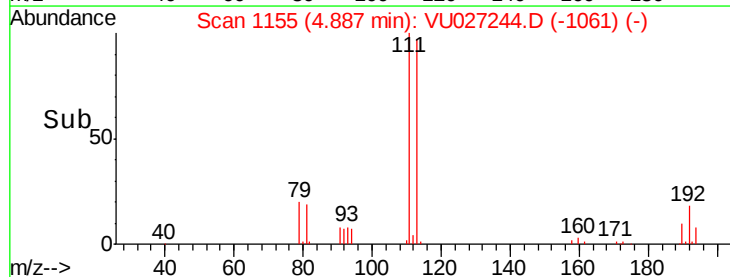
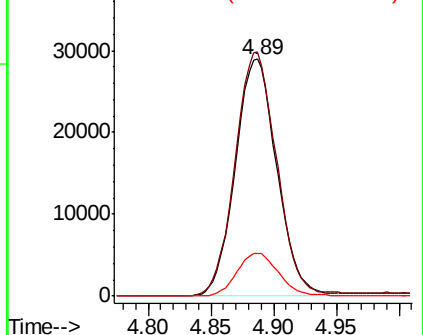


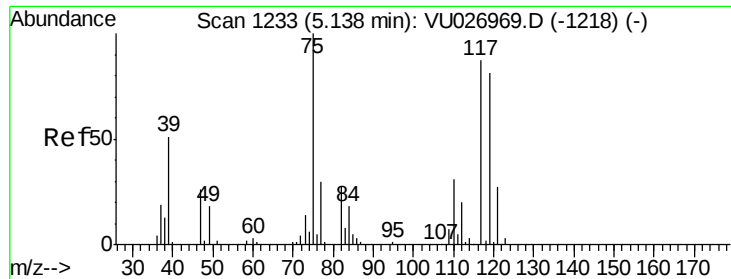
#35
 Dibromofluoromethane
 Concen: 51.538 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027244.D
 Acq: 27 Sep 2018 23:19

Tgt Ion:113 Resp: 66841
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 18.0 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

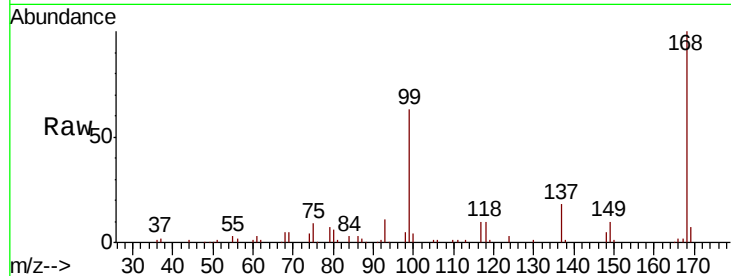




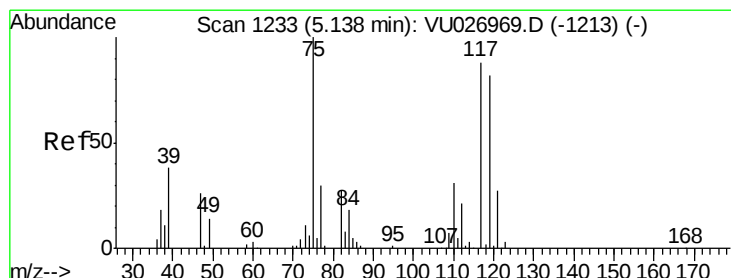
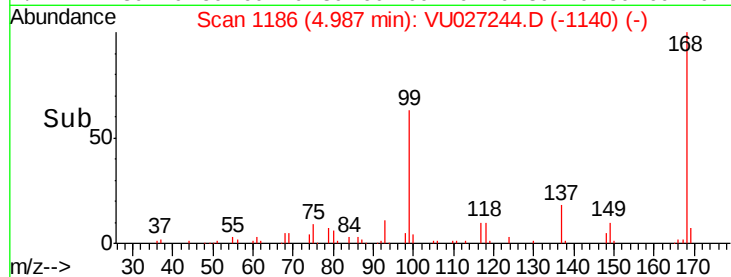
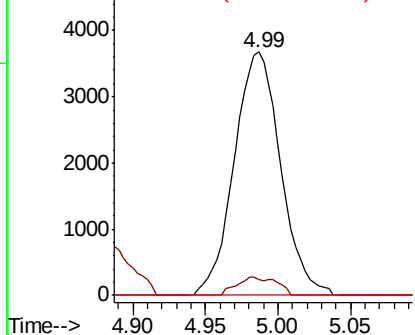
#36
 1,1-Dichloropropene
 Concen: 4.095 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027244.D
 Acq: 27 Sep 2018 23:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW307D-2018020

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.4	16.1	48.2#
77	0.0	24.6	36.8#

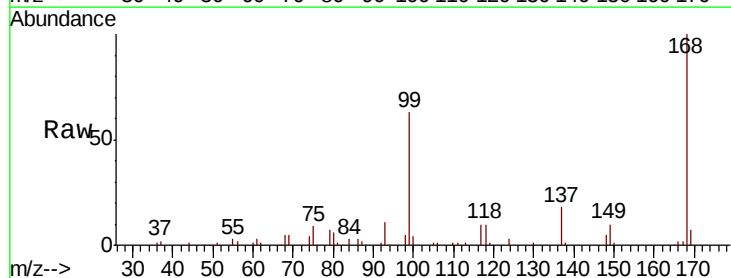


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

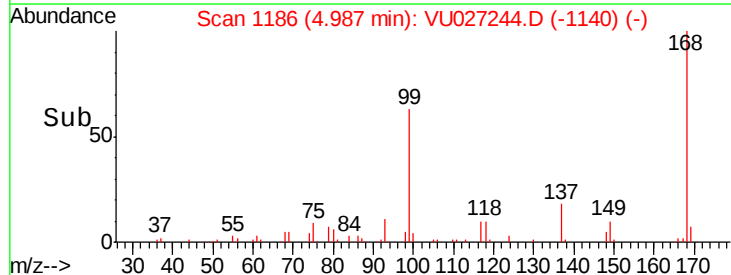
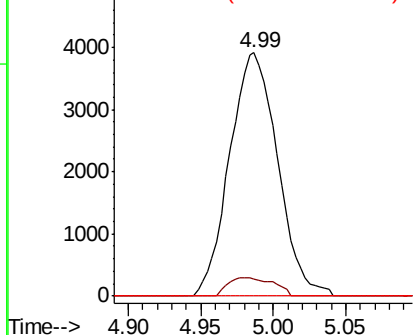


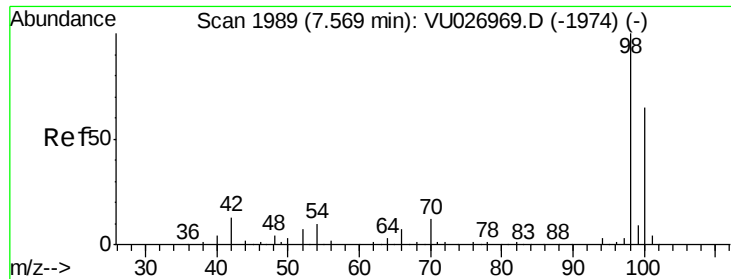
#38
 Carbon Tetrachloride
 Concen: 4.733 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027244.D
 Acq: 27 Sep 2018 23:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.9	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

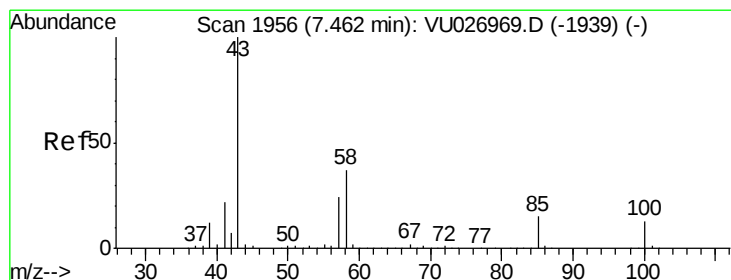
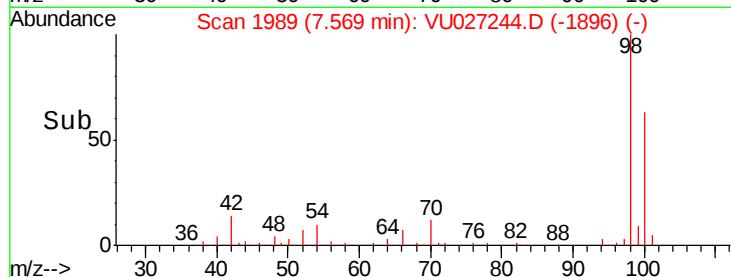
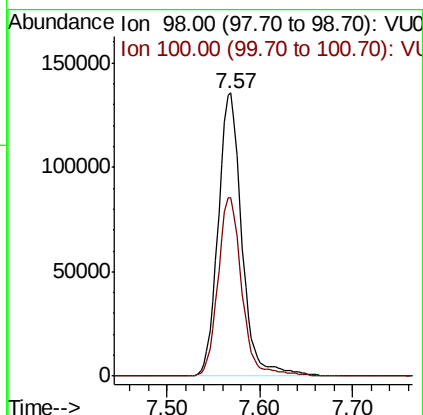
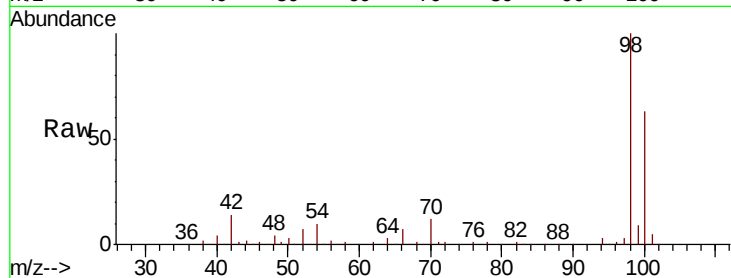




#50
Toluene-d8
Concen: 48.830 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

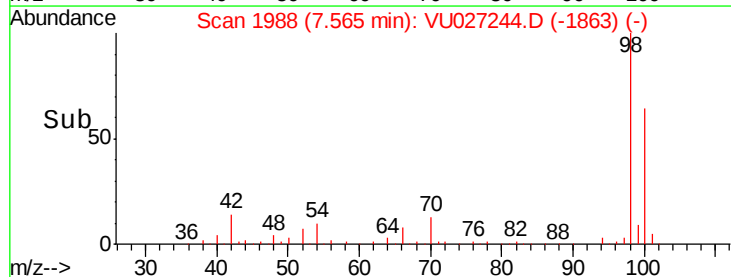
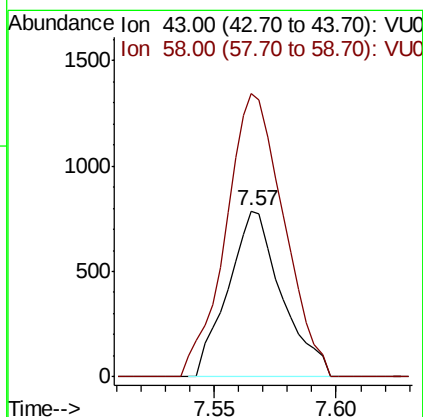
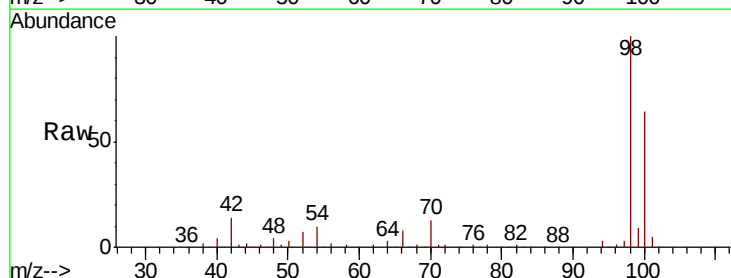
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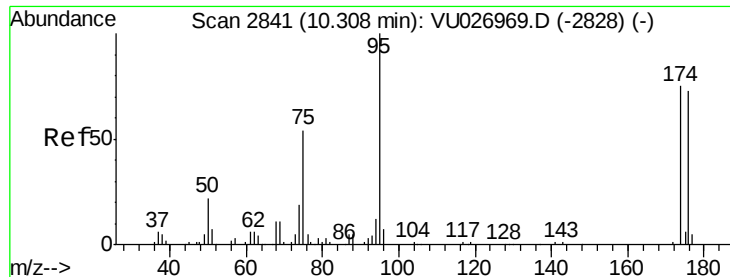
Tot Ion: 98 Resp: 241346
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
58 184.3 29.8 44.6#

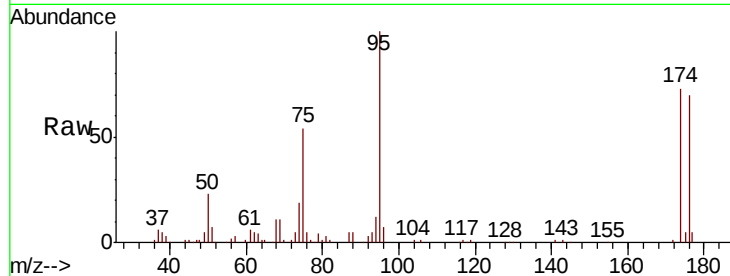




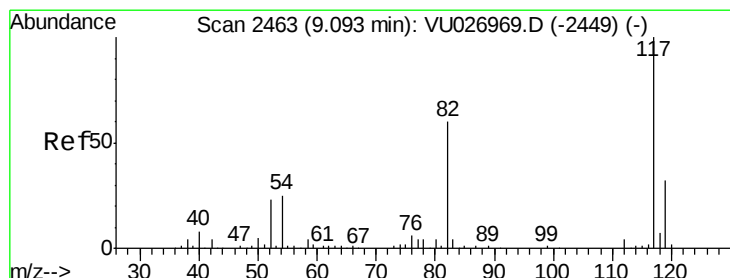
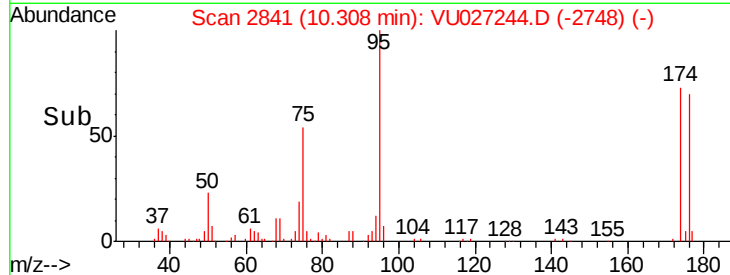
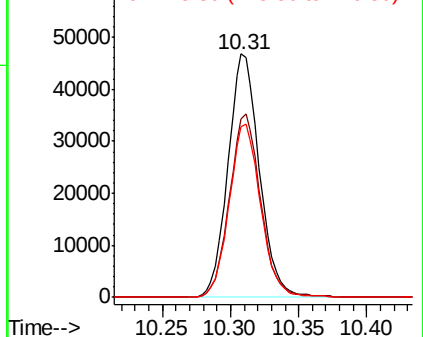
#62
4-Bromofluorobenzene
Concen: 44.216 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW307D-2018020

Tot Ion: 95 Resp: 74988
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.2
176 71.4 0.0 145.2

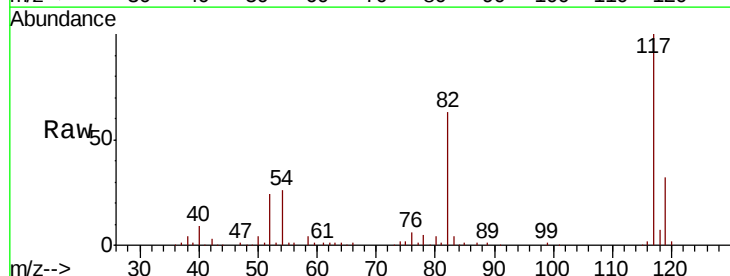


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

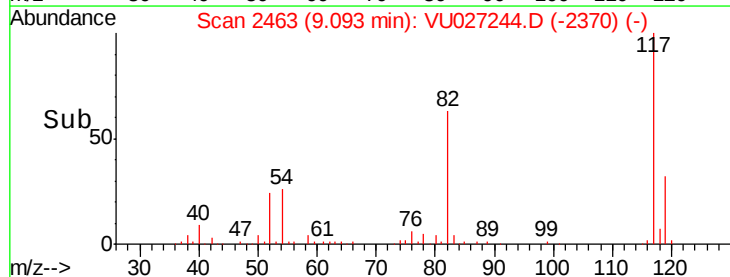
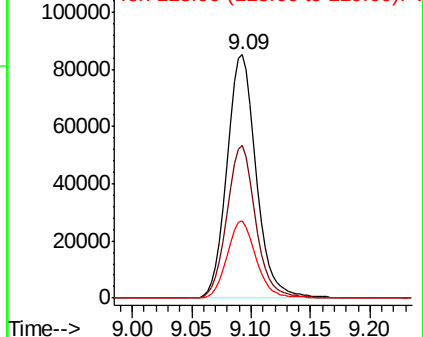


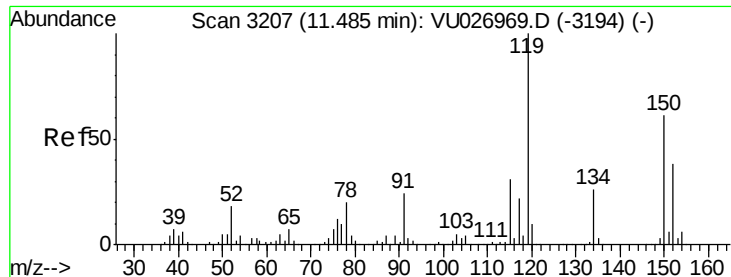
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

Tgt Ion: 117 Resp: 144979
Ion Ratio Lower Upper
117 100
82 62.5 48.0 72.0
119 31.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)



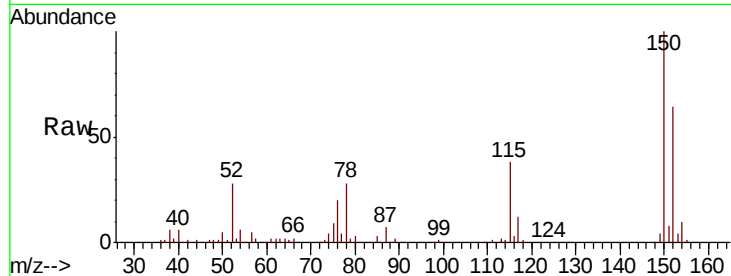


#72

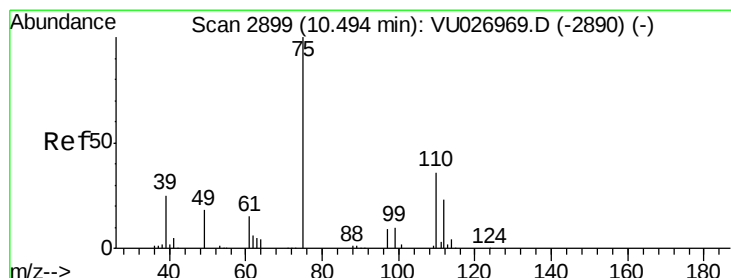
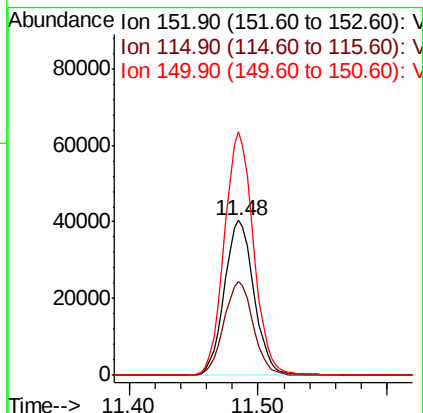
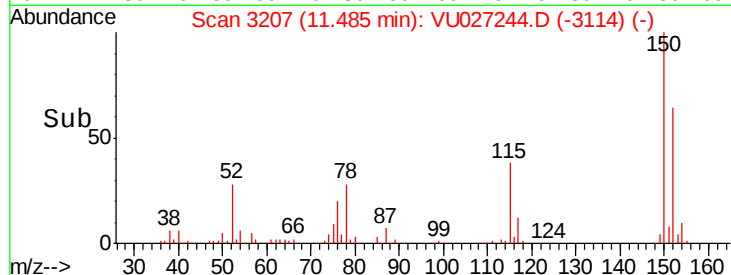
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

Instrument :
MSVOA_U
ClientSampleId :
BPSI-TT-MW307D-2018020

Tot Ion:152 Resp: 64297
Ion Ratio Lower Upper
152 100
115 60.0 44.9 134.5
150 155.7 0.0 355.8



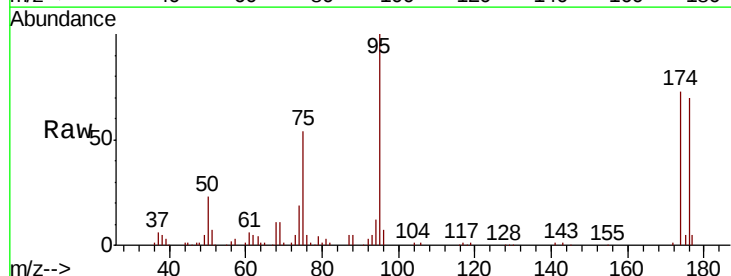
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



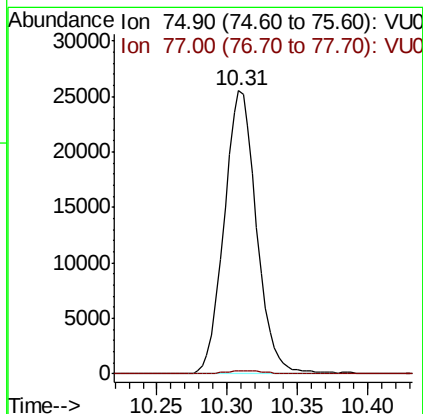
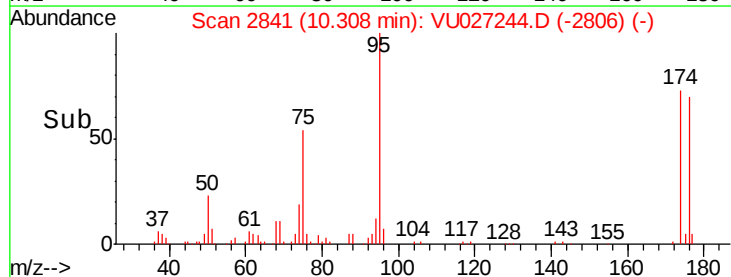
#76

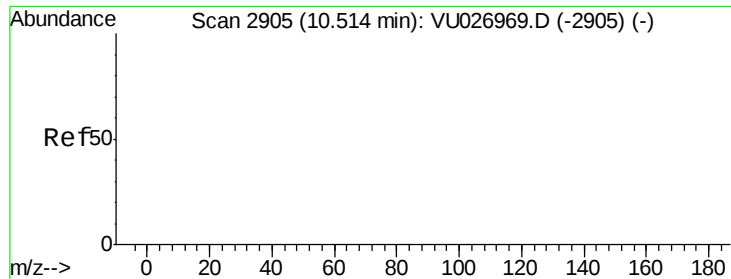
1,2,3-Trichloropropane
Concen: 20.939 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027244.D
Acq: 27 Sep 2018 23:19

Tgt Ion: 75 Resp: 40900
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: 67.007 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027244.D
 Acq: 27 Sep 2018 23:19

Instrument :
 MSVOA_U
 ClientSampleId :
 BPSI-TT-MW307D-2018020

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

