

Data File : VU027047.D
Acq On : 23 Sep 2018 04:11
Operator : MD/SY
Sample : J4958-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 89 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BP-DUP03-20180915

Quant Time: Sep 24 05:47:12 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	93118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157033	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	152692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	94806	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	4.88	113	66979	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	7.57	98	251798	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	10.31	95	81827	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

Target Compounds

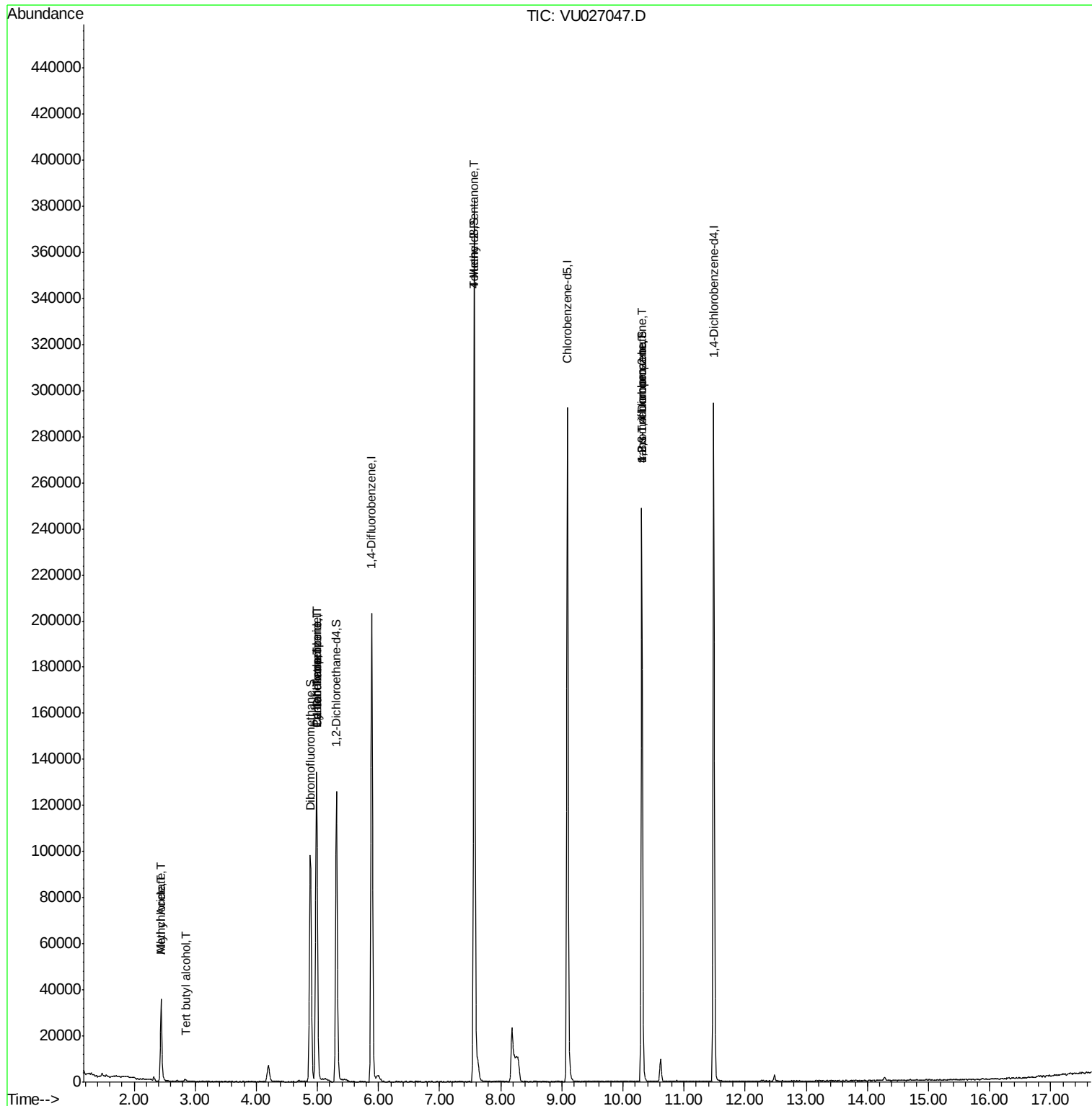
						Qvalue
11) Tert butyl alcohol	2.84	59	647	1.506	ug/l #	72
14) Allyl chloride	2.44	41	3786	1.451	ug/l #	75
16) Acetone	2.32	43	1942	Below Cal		93
18) Methyl Acetate	2.44	43	8837	3.313	ug/l #	55
31) Cyclohexane	4.99	56	2541	0.339	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	9191	4.385	ug/l #	49
38) Carbon Tetrachloride	4.98	117	9760	4.894	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1290	0.464	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	44569	20.830	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	44569	66.661	ug/l #	100

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

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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: VU027047.D

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Instrument :

MSVOA_U

ClientSampleId :

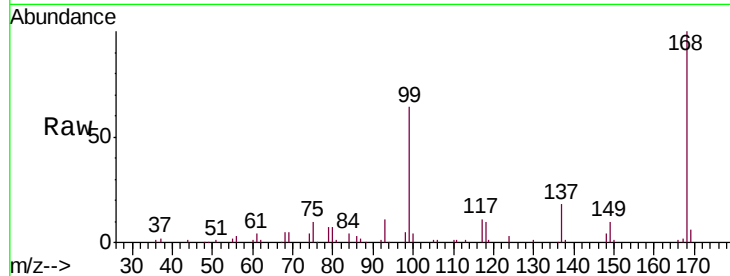
BP-DUP03-20180915

Tgt Ion:168 Resp: 93118

Ion Ratio Lower Upper

168 100

99 64.2 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) (-)

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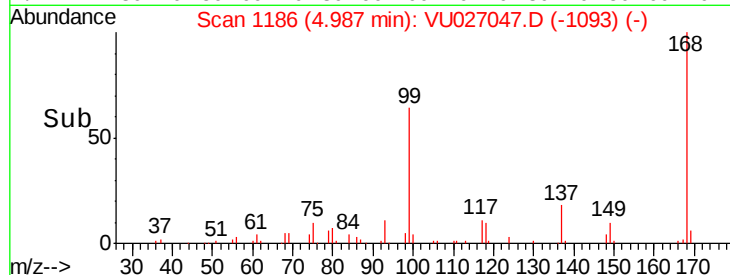
4.99

4.99

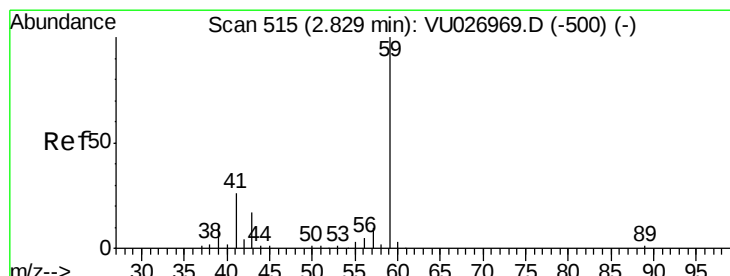
4.99

4.99

4.99



Time-->



#11

Tert butyl alcohol

Concen: 1.506 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.01 min

Lab File: VU027047.D

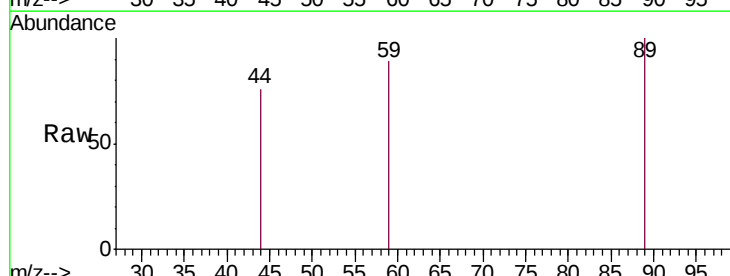
Acq: 23 Sep 2018 04:11

Tgt Ion: 59 Resp: 647

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) (-)

2.84

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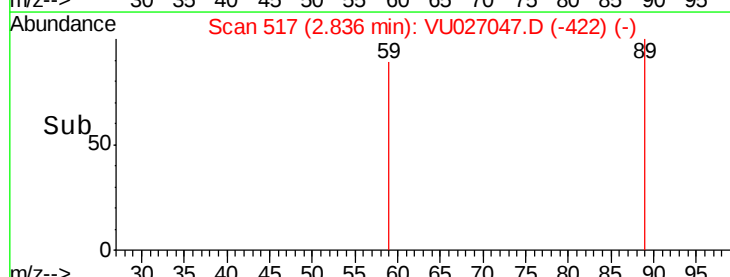
2.84

2.84

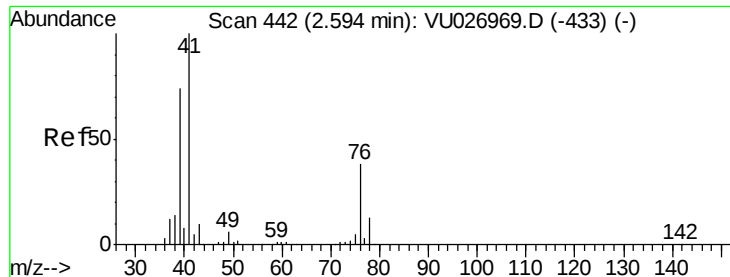
2.84

2.84

2.84



Time-->



#14

Allyl chloride

Concen: 1.451 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.15 min

Lab File: VU027047.D

Acq: 23 Sep 2018 04:11

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP03-20180915

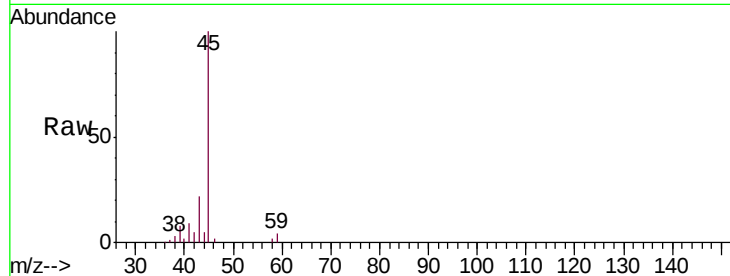
Tgt Ion: 41 Resp: 3786

Ion Ratio Lower Upper

41 100

39 77.4 55.7 83.5

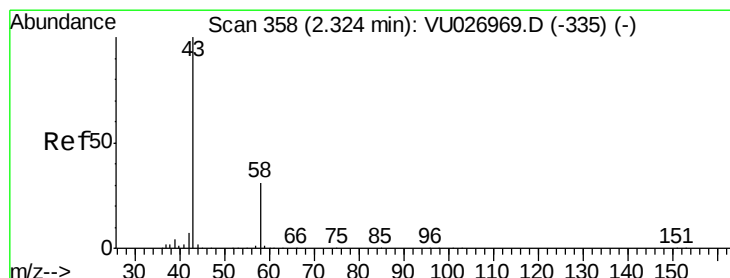
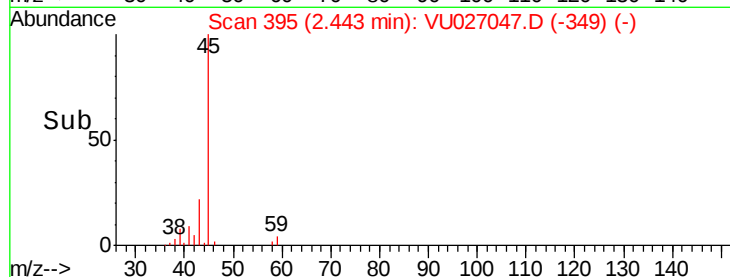
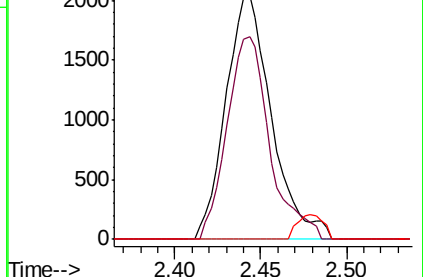
76 0.0 26.5 39.7#



Abundance Ion 41.00 (40.70 to 41.70): VU027047.D (-395) (-)

Ion 39.00 (38.70 to 39.70): VU027047.D (-395) (-)

Ion 75.90 (75.60 to 76.60): VU027047.D (-395) (-)



#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027047.D

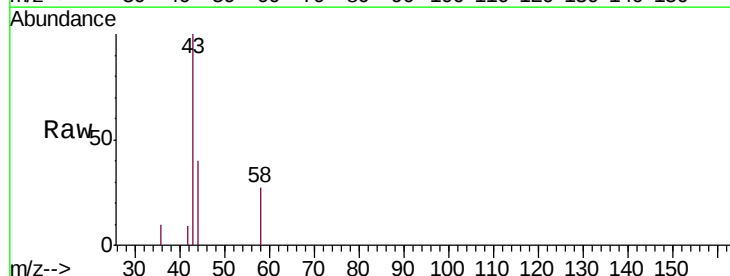
Acq: 23 Sep 2018 04:11

Tgt Ion: 43 Resp: 1942

Ion Ratio Lower Upper

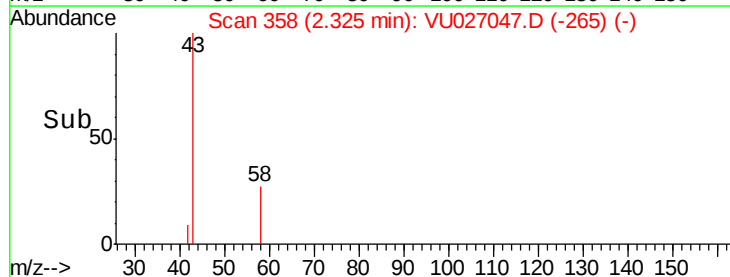
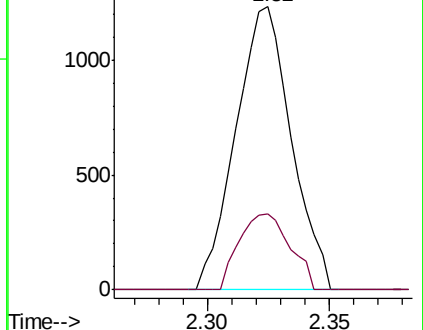
43 100

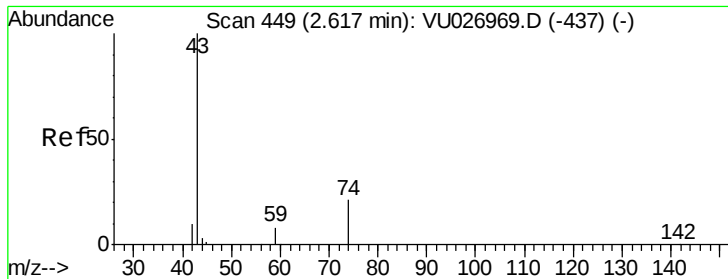
58 26.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU027047.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU027047.D (-358) (-)

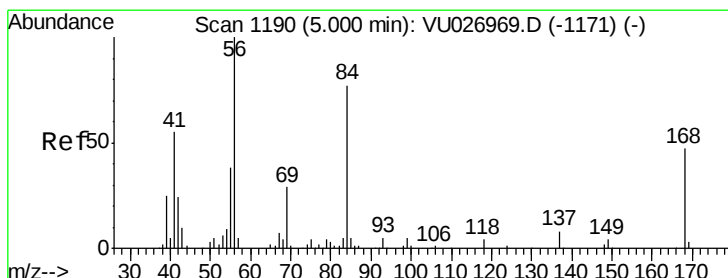
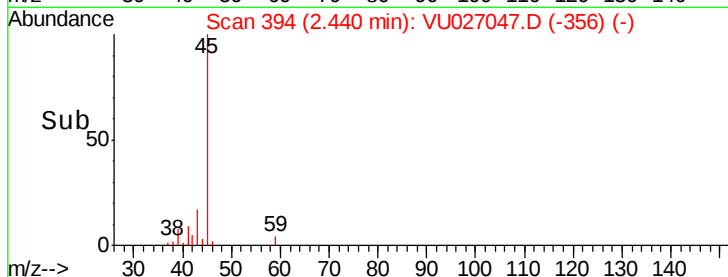
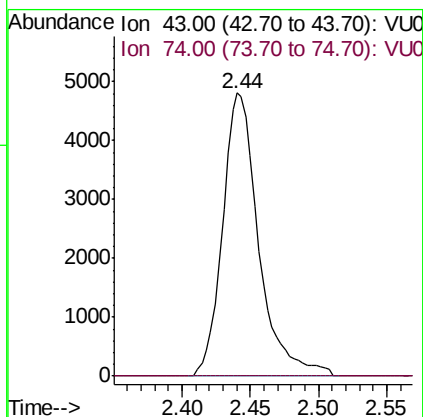
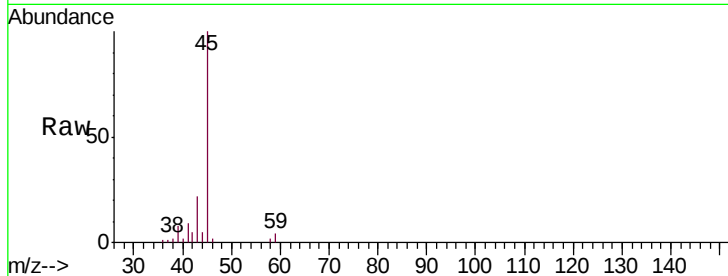




#18
Methyl Acetate
Concen: 3.313 ug/l
RT: 2.44 min Scan# 394
Delta R.T. -0.18 min
Lab File: VU027047.D
Acq: 23 Sep 2018 04:11

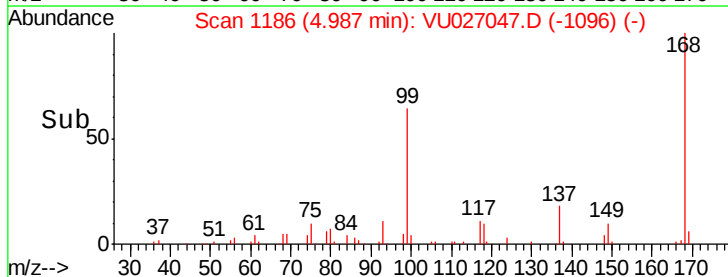
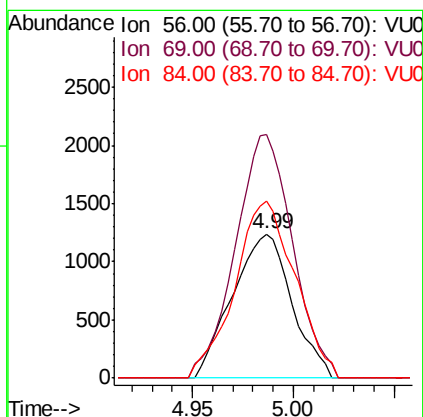
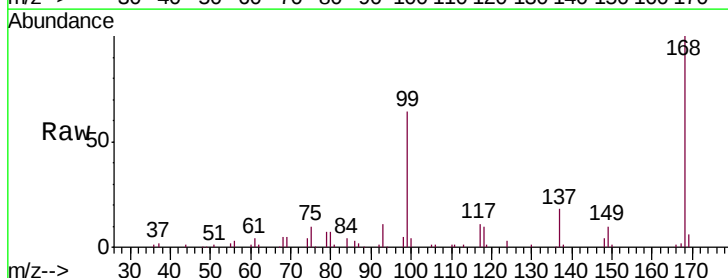
Instrument :
MSVOA_U
ClientSampleId :
BP-DUP03-20180915

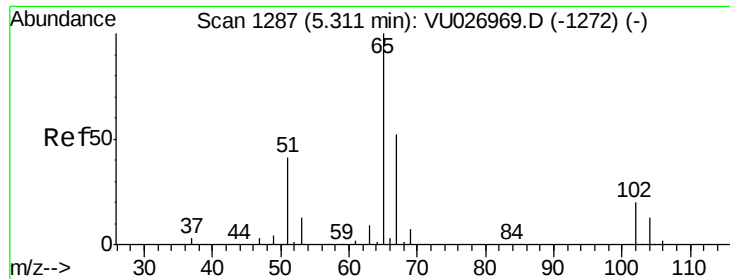
Tgt Ion: 43 Resp: 8837
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.339 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027047.D
Acq: 23 Sep 2018 04:11

Tgt Ion: 56 Resp: 2541
Ion Ratio Lower Upper
56 100
69 168.7 23.0 34.4#
84 122.6 61.4 92.2#

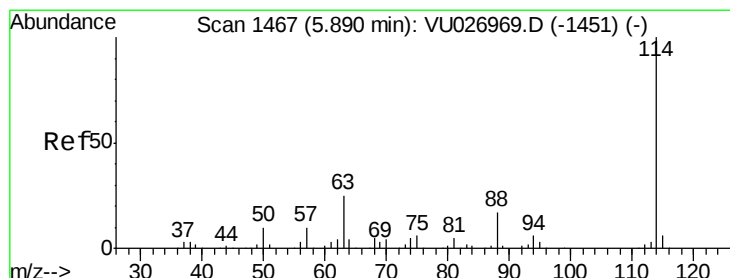
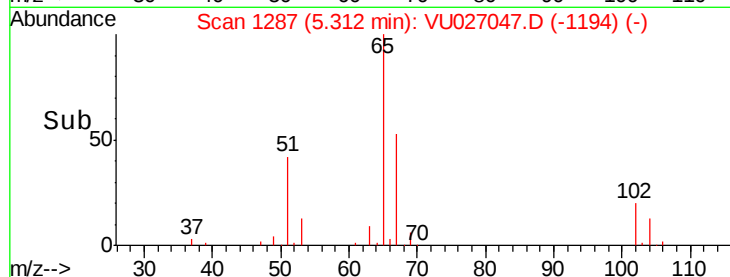
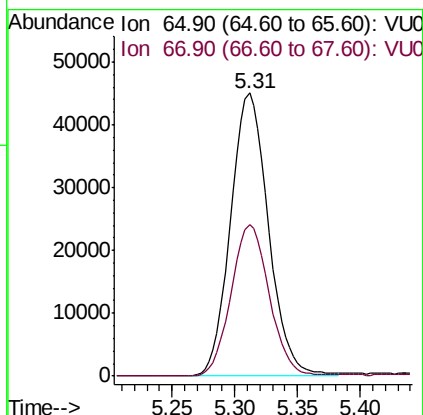
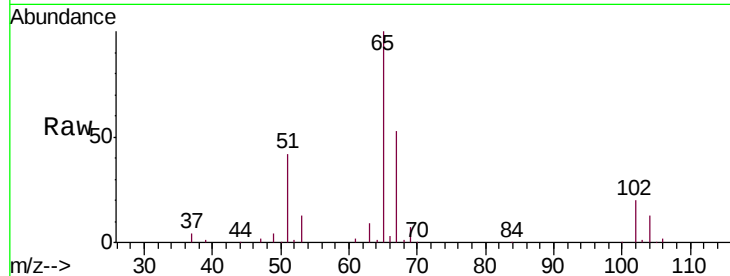




#33
 1,2-Dichloroethane-d4
 Concen: 50.586 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027047.D
 Acq: 23 Sep 2018 04:11

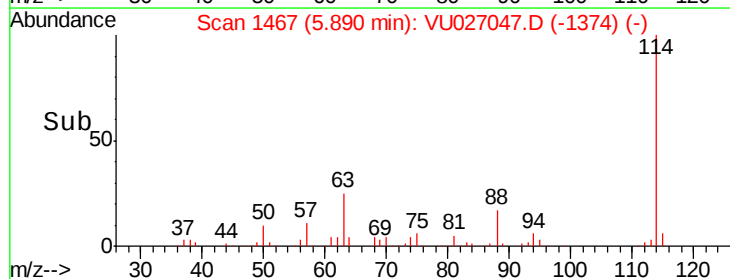
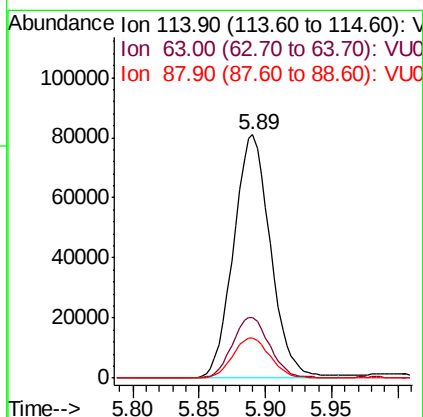
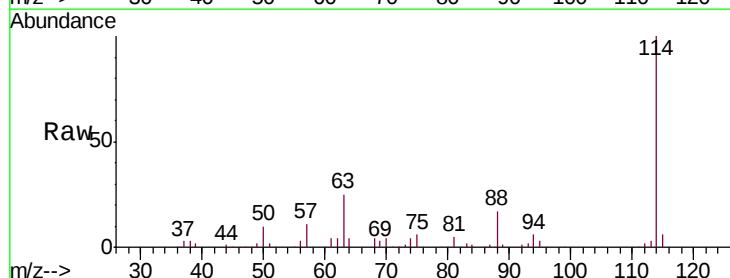
Instrument :
 MSVOA_U
 ClientSampleId :
 BP-DUP03-20180915

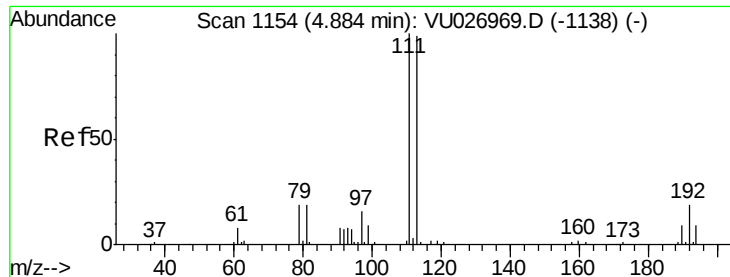
Tgt Ion: 65 Resp: 94806
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027047.D
 Acq: 23 Sep 2018 04:11

Tgt Ion: 114 Resp: 157033
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.5 0.0 33.8

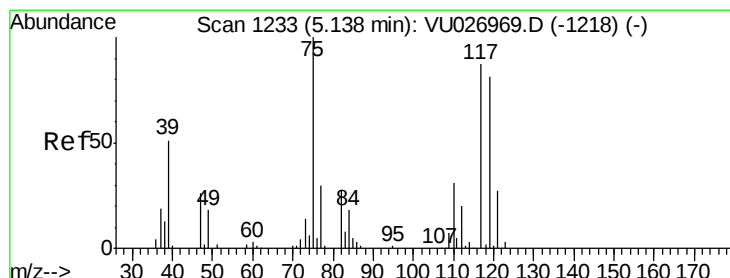
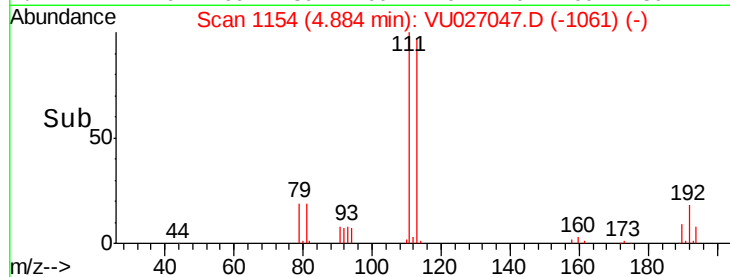
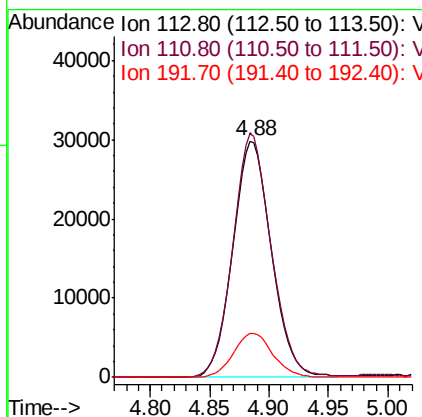
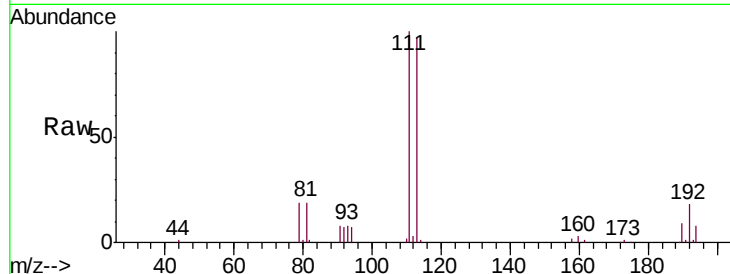




#35
 Dibromofluoromethane
 Concen: 49.207 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027047.D
 Acq: 23 Sep 2018 04:11

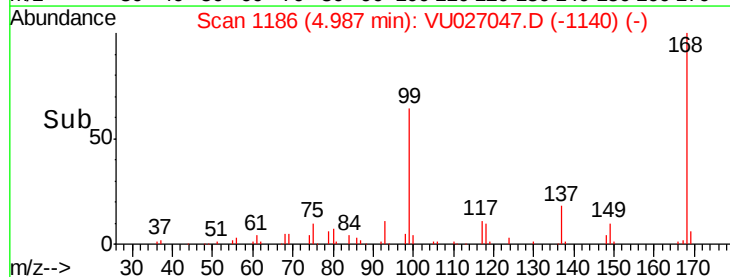
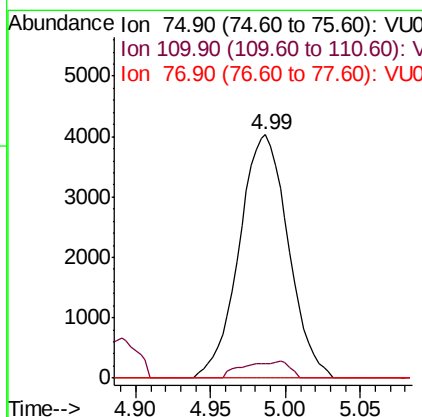
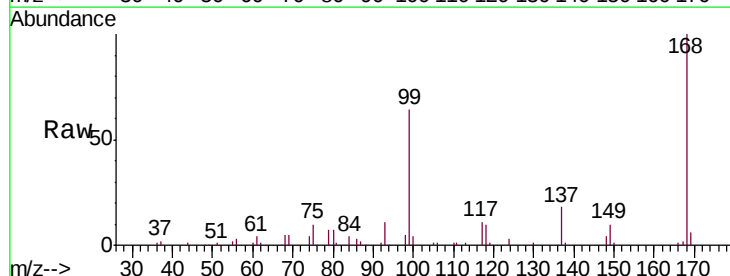
Instrument :
 MSVOA_U
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 BP-DUP03-20180915

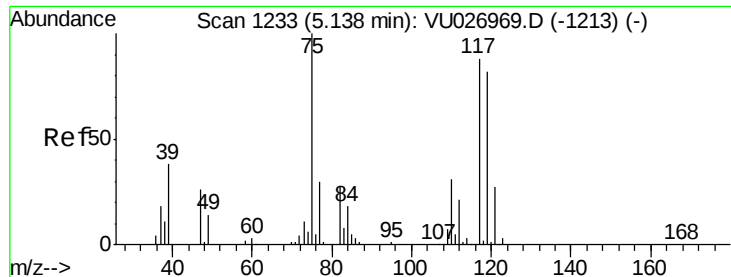
Tgt Ion:113 Resp: 66979
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 18.9 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.385 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027047.D
 Acq: 23 Sep 2018 04:11

Tgt Ion: 75 Resp: 9191
 Ion Ratio Lower Upper
 75 100
 110 6.5 16.1 48.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.894 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027047.D

Acq: 23 Sep 2018 04:11

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP03-20180915

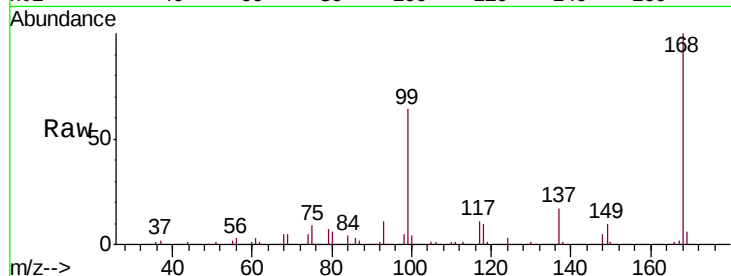
Tgt Ion: 117 Resp: 9760

Ion Ratio Lower Upper

117 100

119 6.3 74.4 111.6#

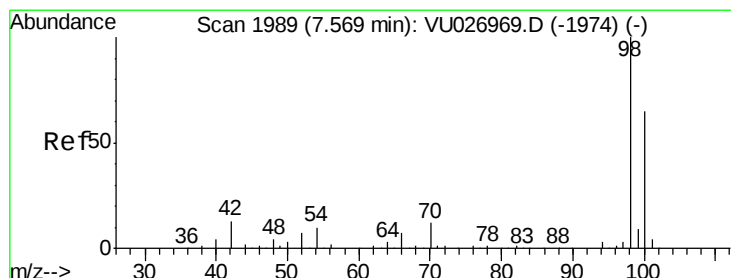
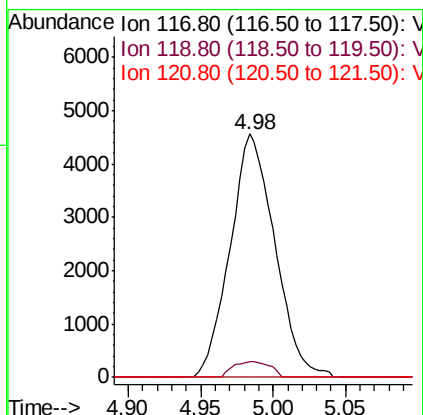
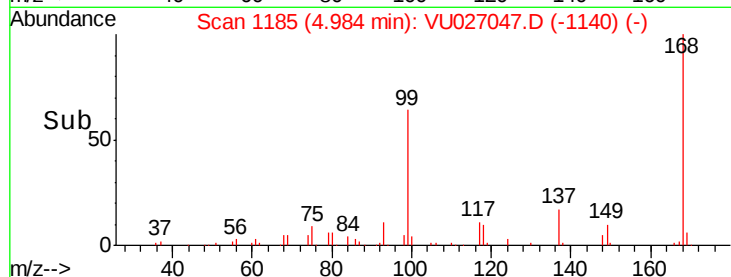
121 0.0 24.2 36.4#



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: 48.540 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027047.D

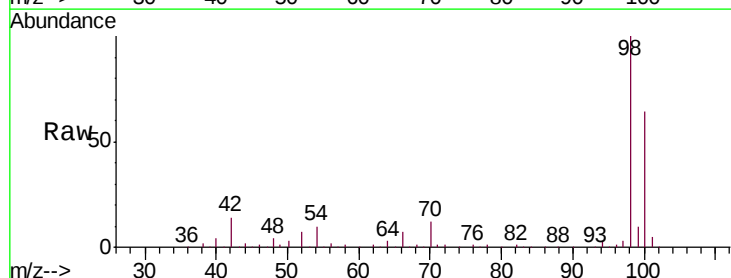
Acq: 23 Sep 2018 04:11

Tgt Ion: 98 Resp: 251798

Ion Ratio Lower Upper

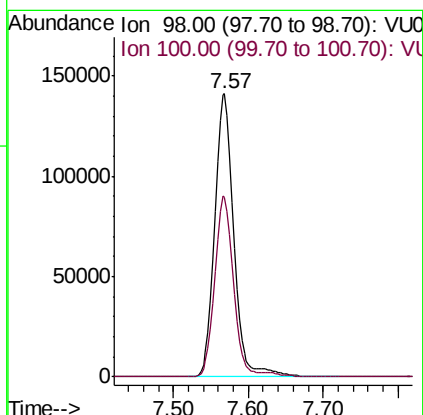
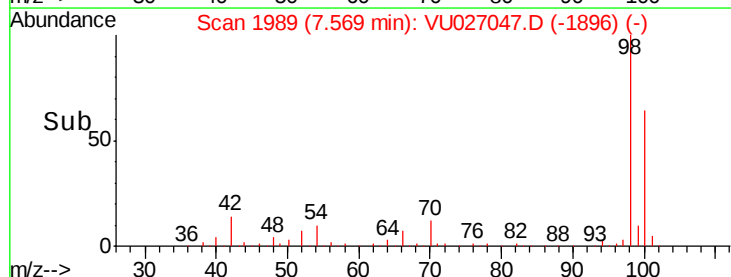
98 100

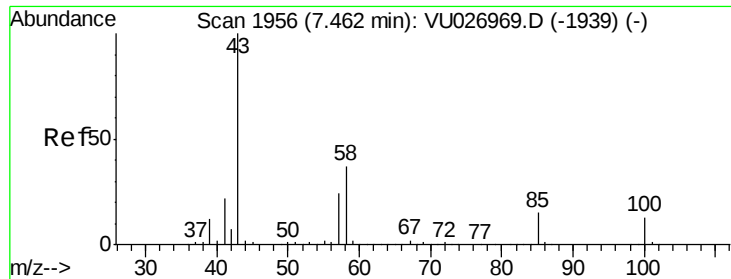
100 63.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

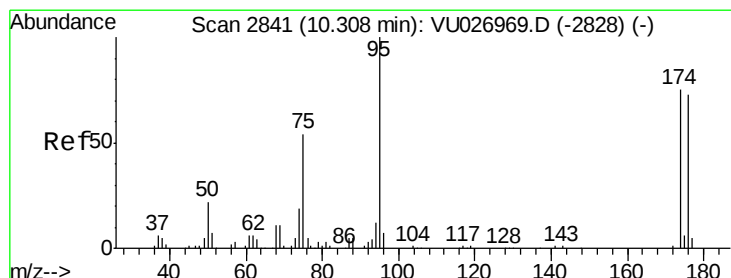
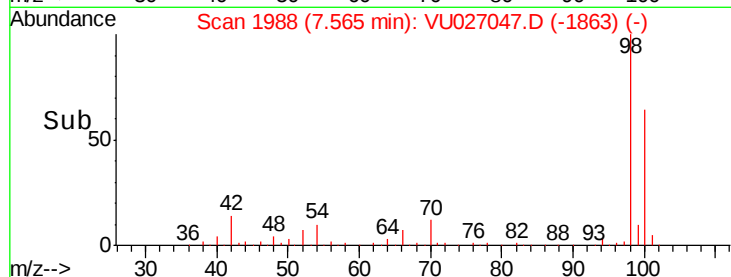
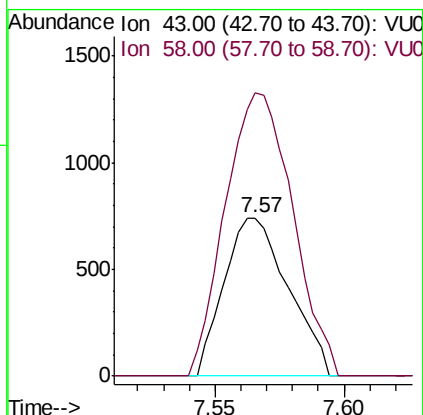
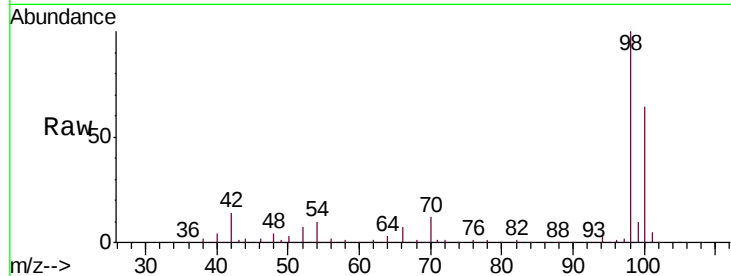




#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027047.D
Acq: 23 Sep 2018 04:11

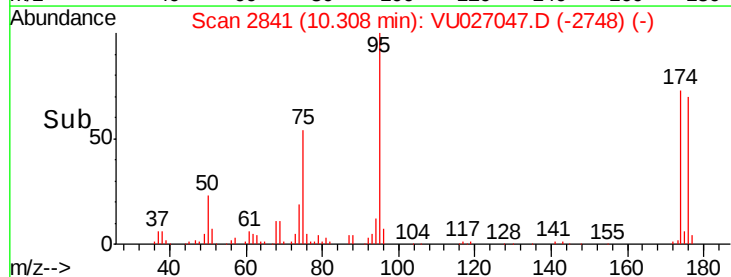
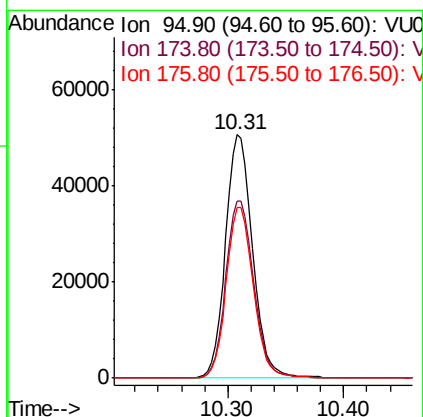
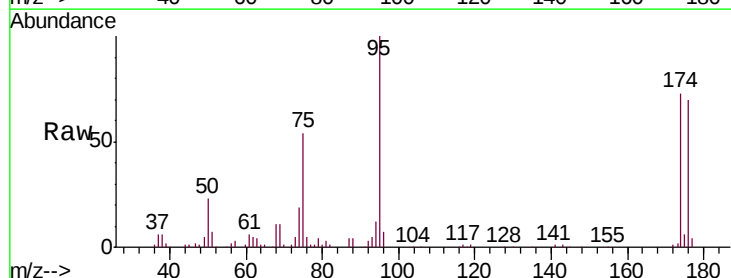
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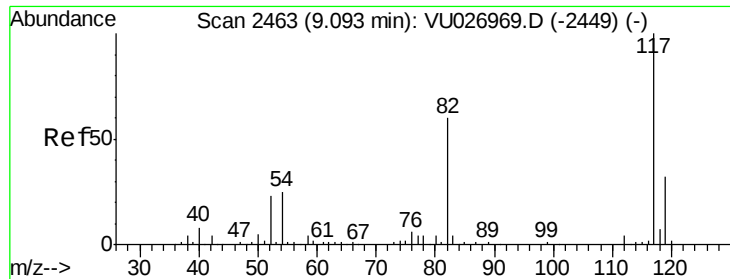
Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
58 187.8 29.8 44.6#



#62
4-Bromofluorobenzene
Concen: 45.971 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027047.D
Acq: 23 Sep 2018 04:11

Tgt Ion: 95 Resp: 81827
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.2
176 70.5 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: VU027047.D

Acq: 23 Sep 2018 04:11

Instrument :

MSVOA_U

ClientSampleId :

BP-DUP03-20180915

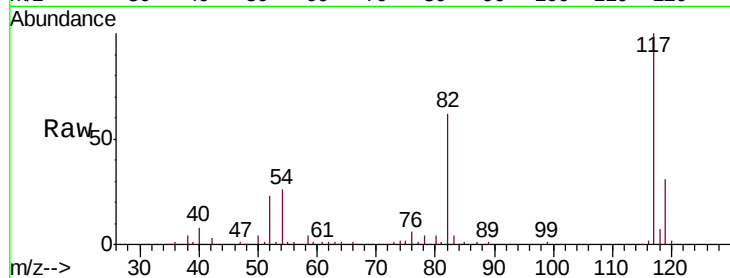
Tgt Ion:117 Resp: 152692

Ion Ratio Lower Upper

117 100

82 62.0 48.0 72.0

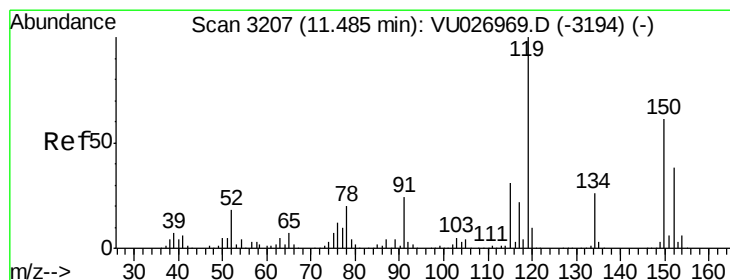
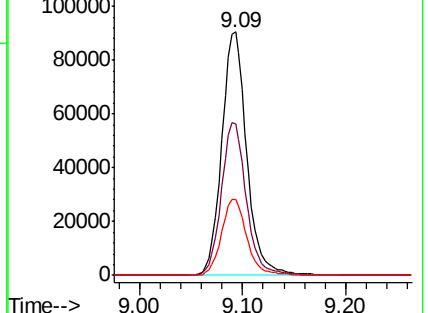
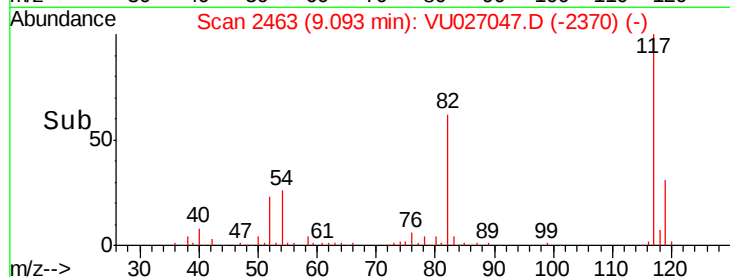
119 31.4 25.8 38.8



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: VU027047.D

Acq: 23 Sep 2018 04:11

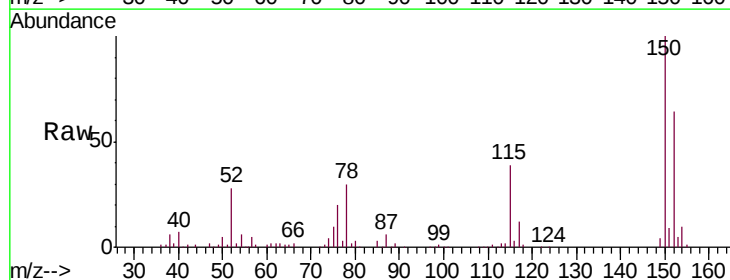
Tgt Ion:152 Resp: 70429

Ion Ratio Lower Upper

152 100

115 62.1 44.9 134.5

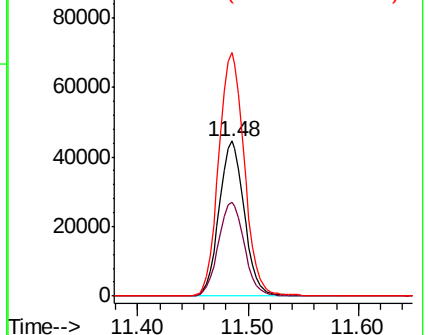
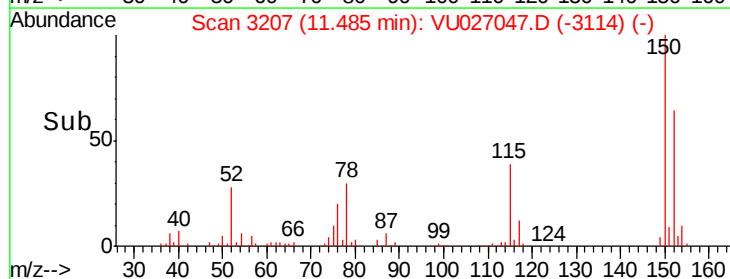
150 160.1 0.0 355.8

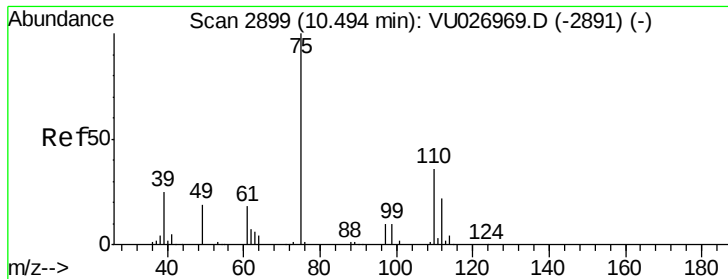


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 20.830 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027047.D

Acq: 23 Sep 2018 04:11

Instrument :

MSVOA_U

ClientSampleId :

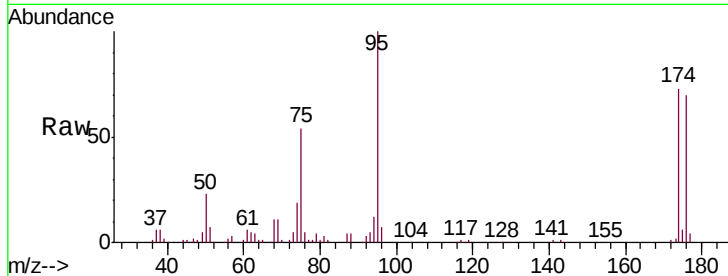
BP-DUP03-20180915

Tgt Ion: 75 Resp: 44569

Ion Ratio Lower Upper

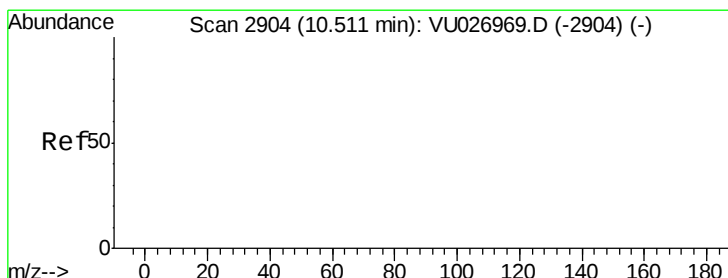
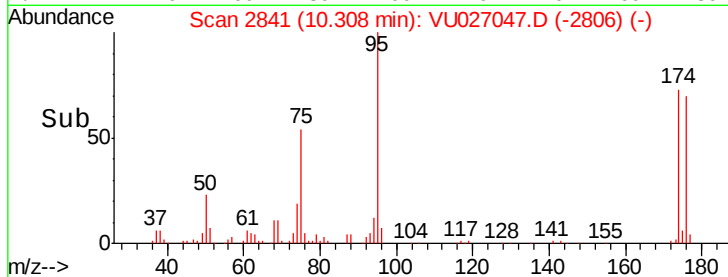
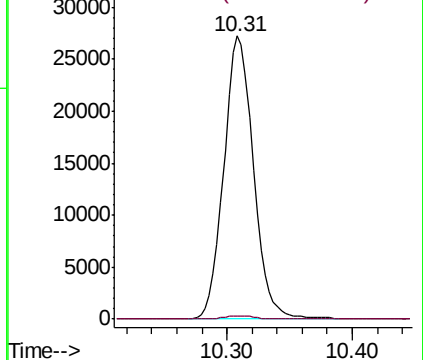
75 100

77 1.0 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: 66.661 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027047.D

Acq: 23 Sep 2018 04:11

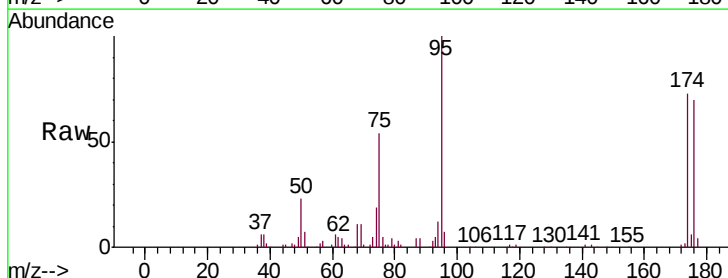
Tgt Ion: 75 Resp: 44569

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

