

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027118.D
 Acq On : 24 Sep 2018 18:50
 Operator : MD/SY
 Sample : J4968-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916

Quant Time: Sep 25 01:36:59 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	93192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	159733	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72823	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	99531	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
35) Dibromofluoromethane	4.88	113	69780	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	7.57	98	263226	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	10.31	95	85630	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	

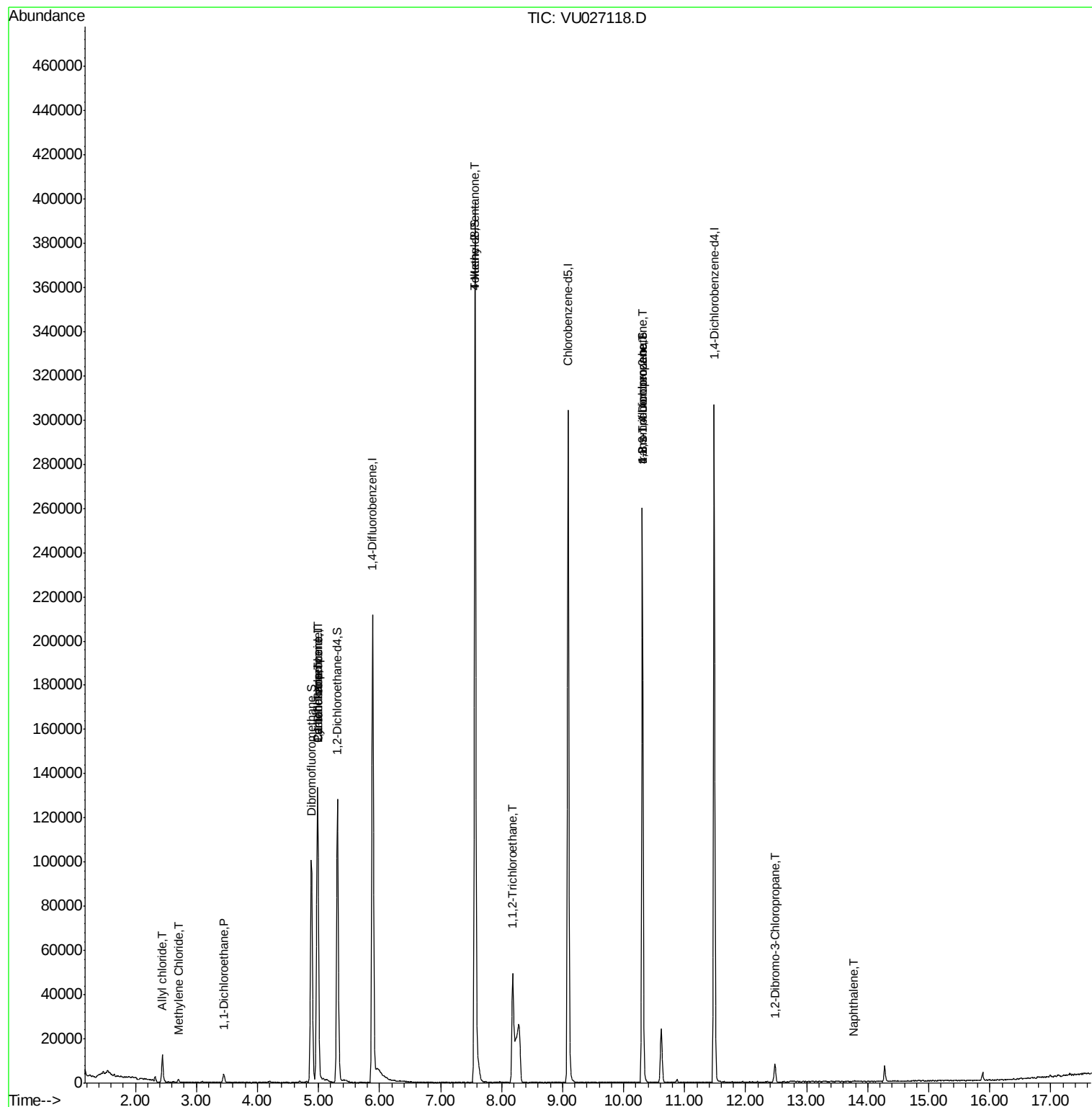
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	2.44	41	1211	0.464	ug/l #	62
16) Acetone	2.32	43	2731	Below Cal		99
20) Methylene Chloride	2.71	84	610	0.363	ug/l #	73
24) 1,1-Dichloroethane	3.45	63	4903	1.594	ug/l #	84
31) Cyclohexane	4.98	56	2509	0.326	ug/l #	6
36) 1,1-Dichloropropene	4.99	75	9355	4.388	ug/l #	49
38) Carbon Tetrachloride	4.99	117	9706	4.784	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	1569	0.554	ug/l #	1
55) 1,1,2-Trichloroethane	8.18	97	410	0.260	ug/l #	13
76) 1,2,3-Trichloropropane	10.31	75	46938	21.216	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	46938	67.896	ug/l #	100
92) 1,2-Dibromo-3-Chloropropan	12.47	75	292	0.562	ug/l #	7
95) Naphthalene	13.76	128	319	1.740	ug/l #	69

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
Data File : VU027118.D
Acq On : 24 Sep 2018 18:50
Operator : MD/SY
Sample : J4968-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916

Quant Time: Sep 25 01:36:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
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: VU027118.D

Acq: 24 Sep 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

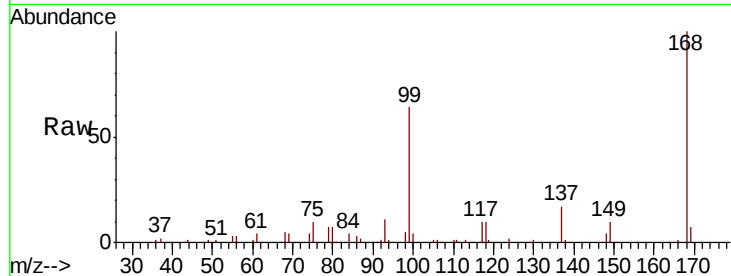
SA-PZ182I-20180916

Tgt Ion:168 Resp: 93192

Ion Ratio Lower Upper

168 100

99 64.4 48.1 72.1

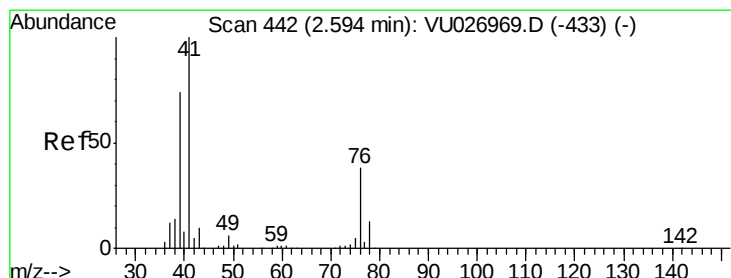
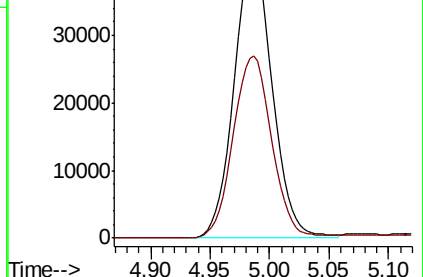
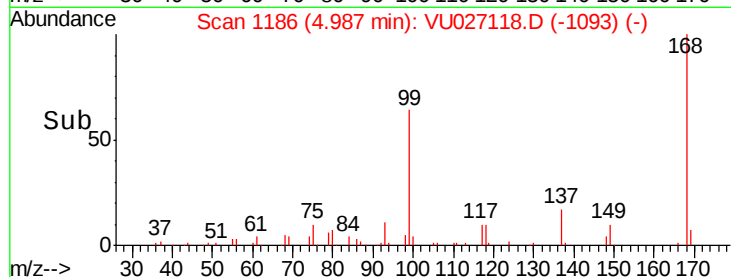


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

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

4.99

Time-->



#14

Allyl chloride

Concen: 0.464 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.15 min

Lab File: VU027118.D

Acq: 24 Sep 2018 18:50

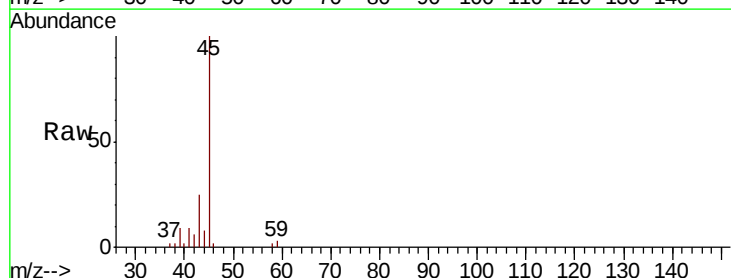
Tgt Ion: 41 Resp: 1211

Ion Ratio Lower Upper

41 100

39 92.7 55.7 83.5#

76 0.0 26.5 39.7#



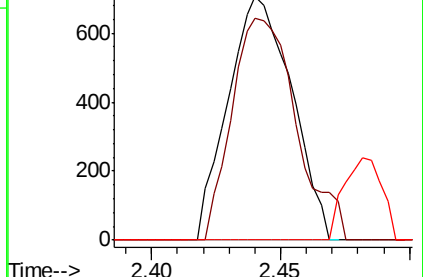
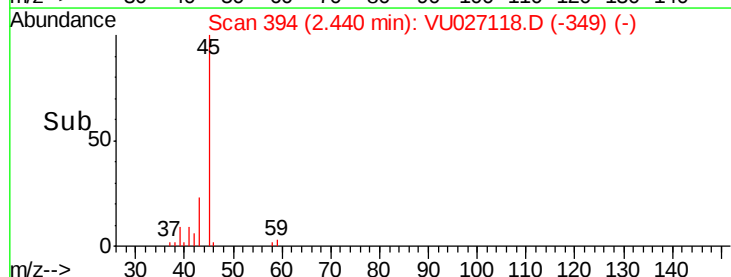
Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

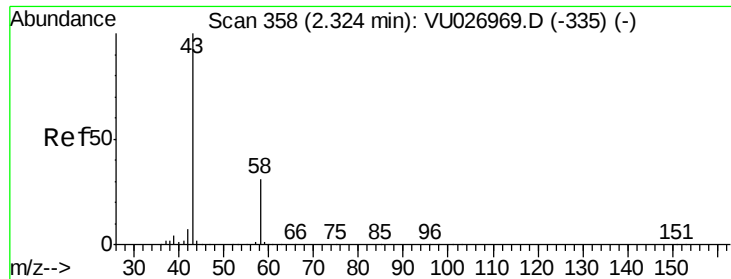
Ion 39.00 (38.70 to 39.70): VU026969.D (-433) (-)

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

2.44

Time-->





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027118.D

Acq: 24 Sep 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

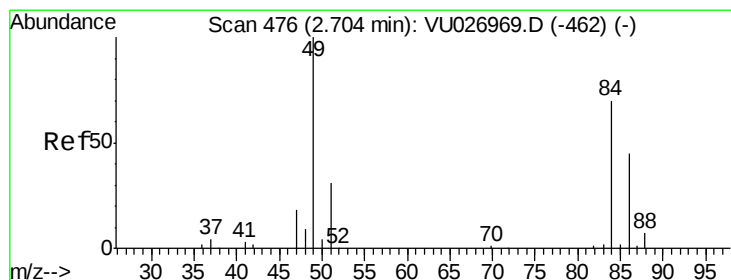
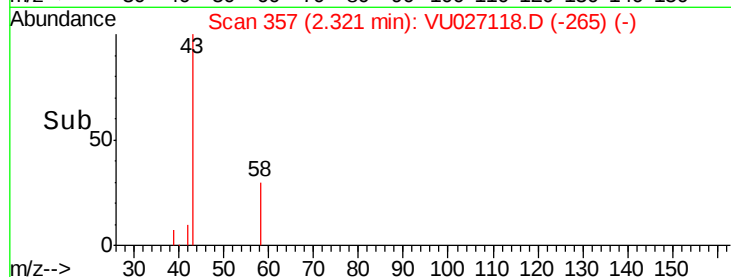
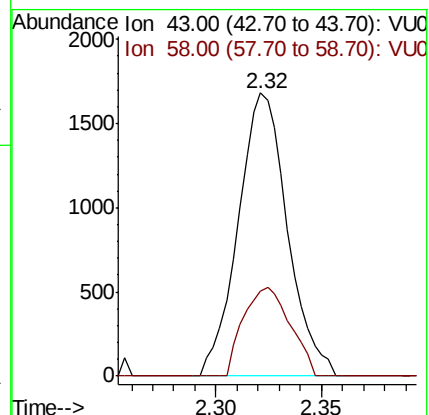
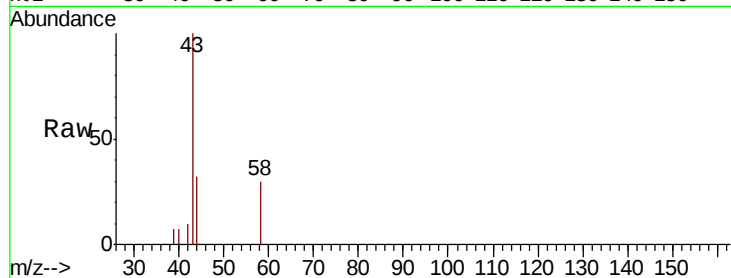
SA-PZ182I-20180916

Tgt Ion: 43 Resp: 2731

Ion Ratio Lower Upper

43 100

58 30.2 24.6 36.8



#20

Methylene Chloride

Concen: 0.363 ug/l

RT: 2.71 min Scan# 477

Delta R.T. 0.00 min

Lab File: VU027118.D

Acq: 24 Sep 2018 18:50

Tgt Ion: 84 Resp: 610

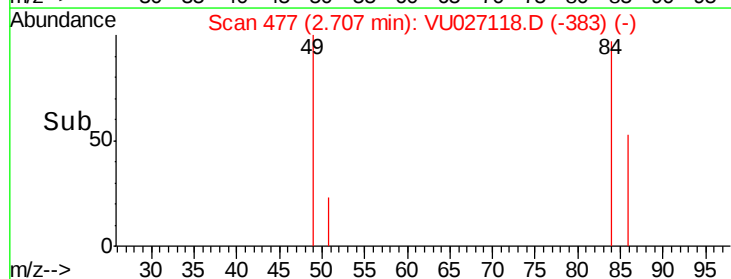
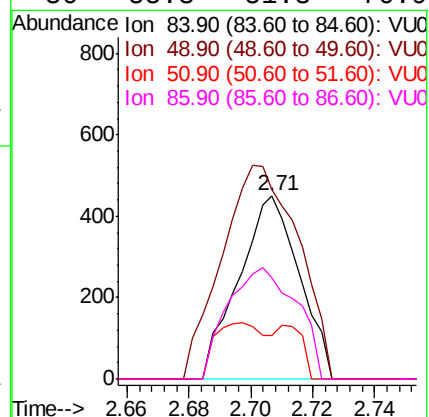
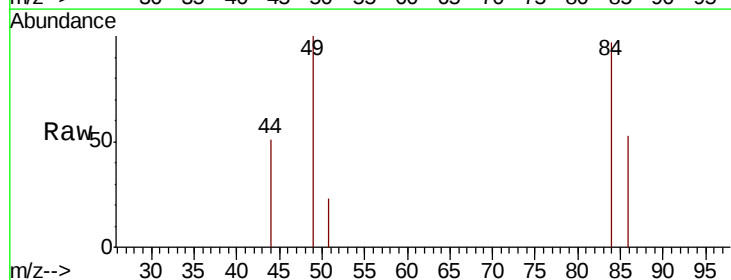
Ion Ratio Lower Upper

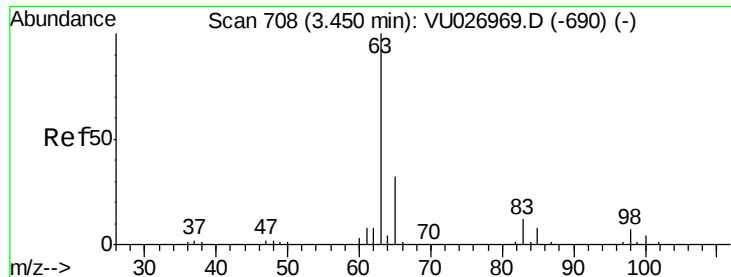
84 100

49 103.6 114.9 172.3#

51 24.0 35.8 53.8#

86 55.3 51.3 76.9





#24

1,1-Dichloroethane

Concen: 1.594 ug/l

RT: 3.45 min Scan# 709

Delta R.T. 0.00 min

Lab File: VU027118.D

Acq: 24 Sep 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916

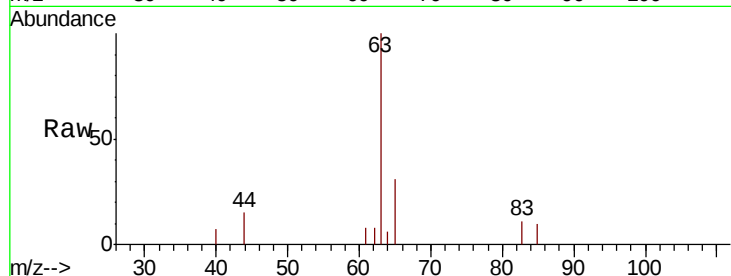
Tgt Ion: 63 Resp: 4903

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

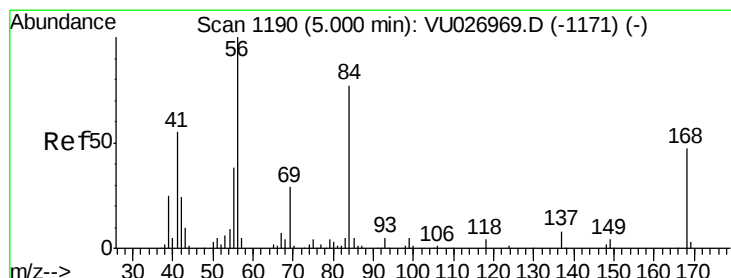
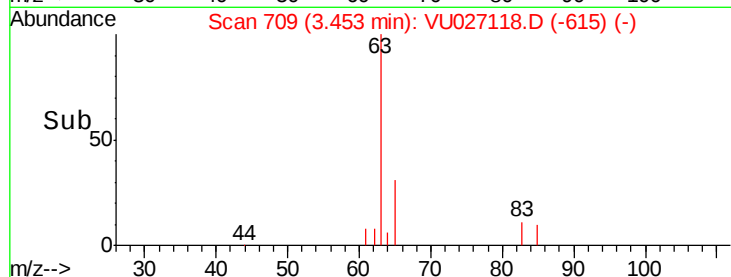
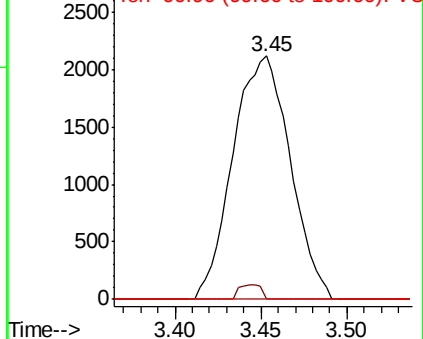
100 0.0 2.0 5.8#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0



#31

Cyclohexane

Concen: 0.326 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.02 min

Lab File: VU027118.D

Acq: 24 Sep 2018 18:50

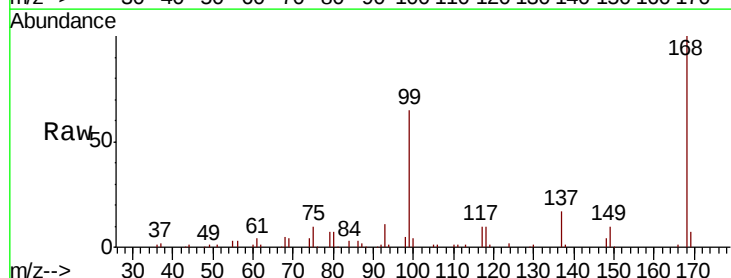
Tgt Ion: 56 Resp: 2509

Ion Ratio Lower Upper

56 100

69 148.9 23.0 34.4#

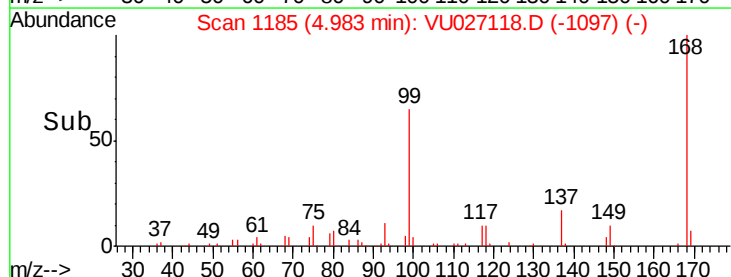
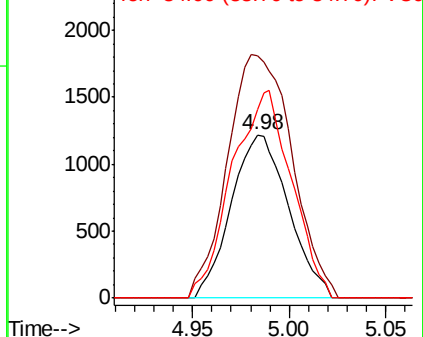
84 115.3 61.4 92.2#

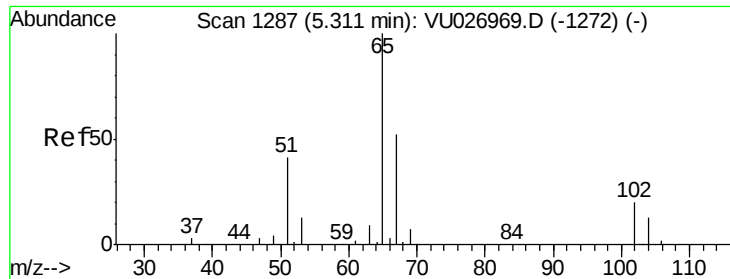


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

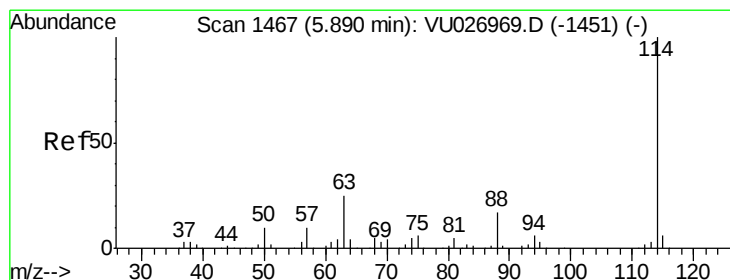
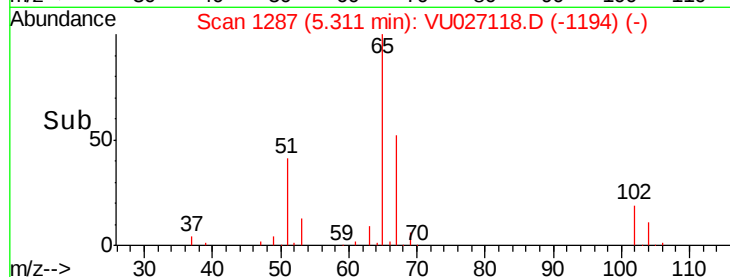
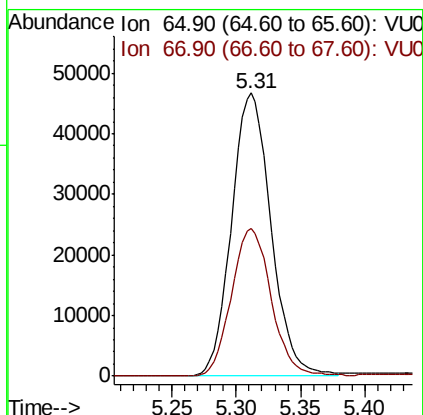
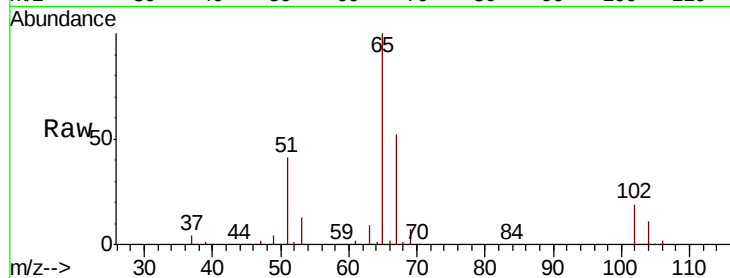




#33
 1,2-Dichloroethane-d4
 Concen: 53.065 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027118.D
 Acq: 24 Sep 2018 18:50

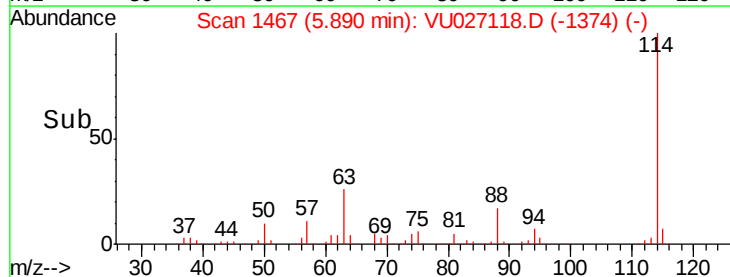
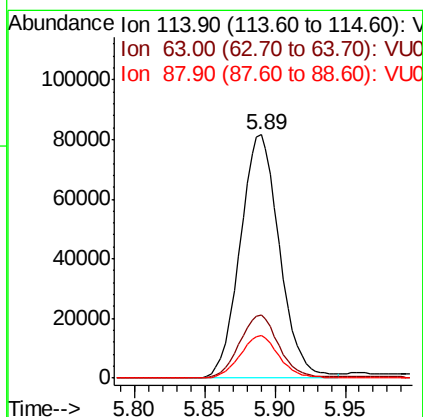
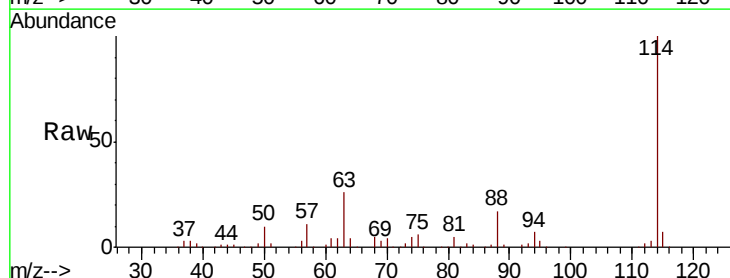
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916

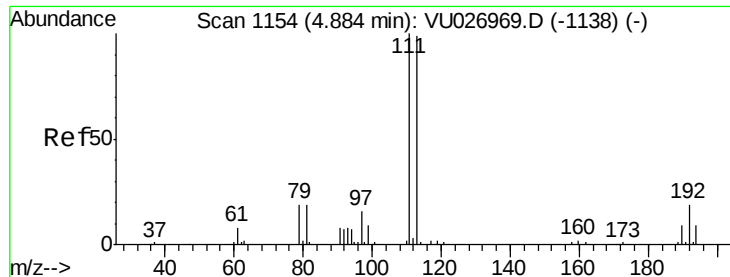
Tgt Ion: 65 Resp: 99531
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027118.D
 Acq: 24 Sep 2018 18:50

Tgt Ion: 114 Resp: 159733
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 49.2
 88 17.3 0.0 33.8

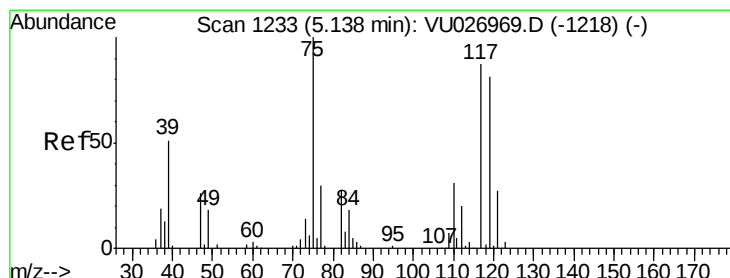
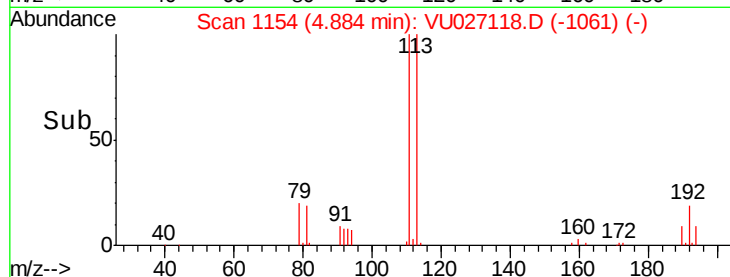
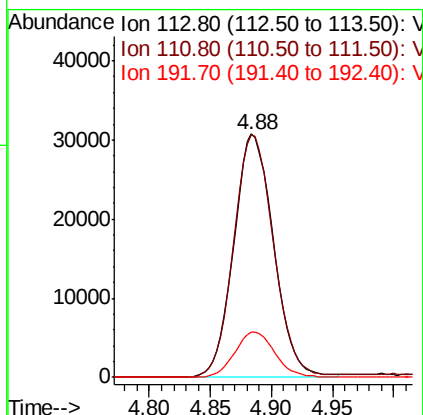
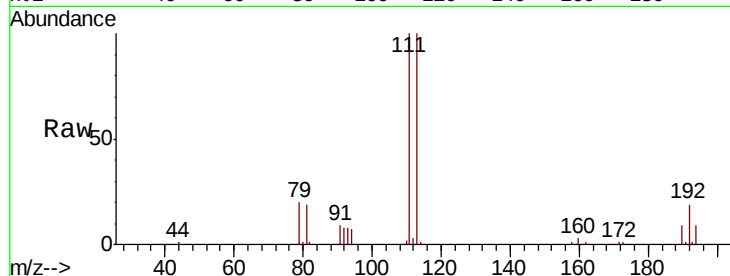




#35
 Dibromofluoromethane
 Concen: 50.398 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027118.D
 Acq: 24 Sep 2018 18:50

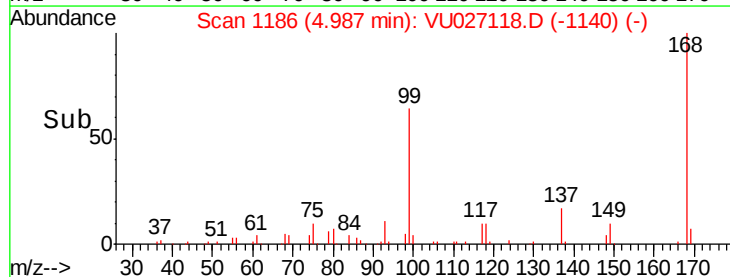
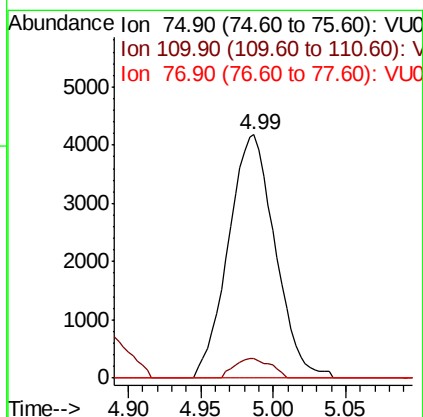
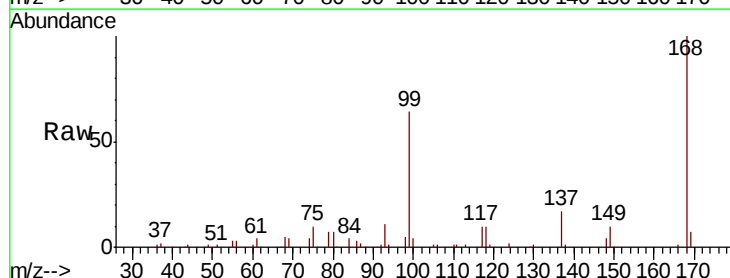
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916

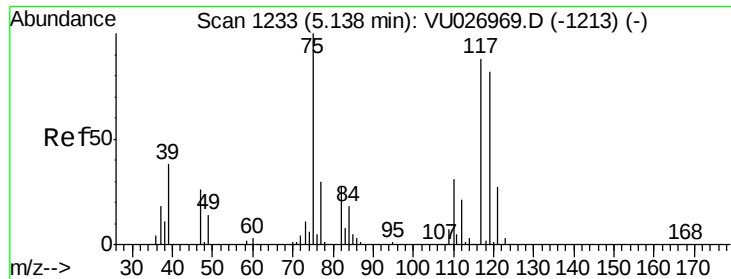
Tgt Ion:113 Resp: 69780
 Ion Ratio Lower Upper
 113 100
 111 99.8 82.2 123.4
 192 18.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.388 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027118.D
 Acq: 24 Sep 2018 18:50

Tgt Ion: 75 Resp: 9355
 Ion Ratio Lower Upper
 75 100
 110 6.3 16.1 48.2#
 77 0.0 24.6 36.8#

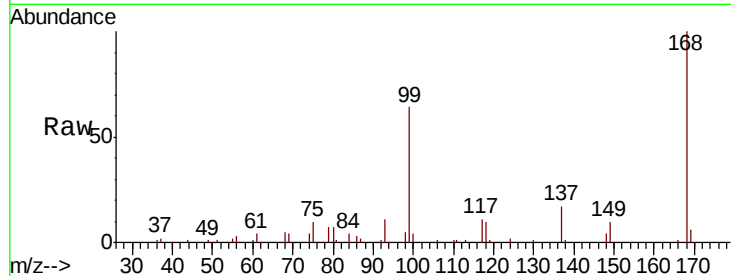




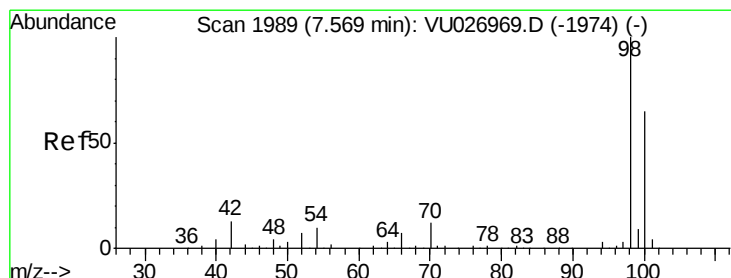
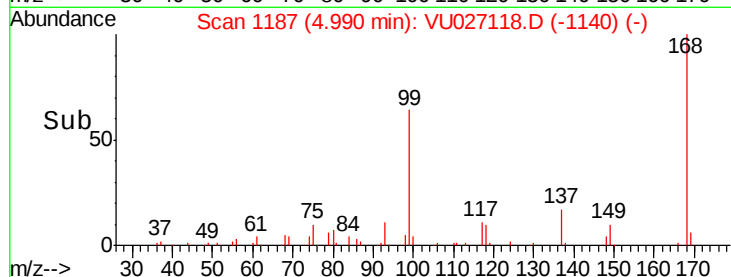
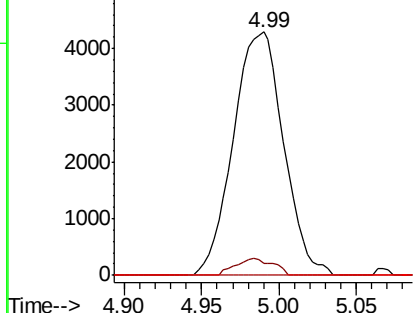
#38
Carbon Tetrachloride
Concen: 4.784 ug/l
RT: 4.99 min Scan# 1187
Delta R.T. -0.15 min
Lab File: VU027118.D
Acq: 24 Sep 2018 18:50

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916

Tgt Ion:117 Resp: 9706
Ion Ratio Lower Upper
117 100
119 5.0 74.4 111.6#
121 0.0 24.2 36.4#

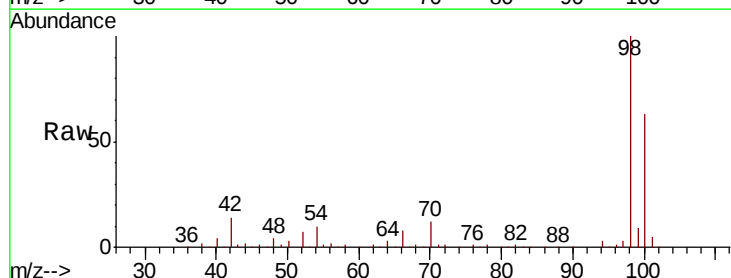


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

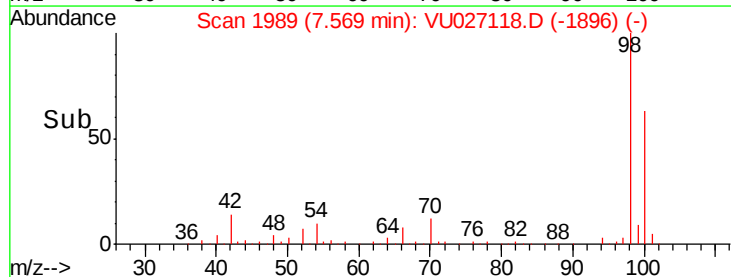
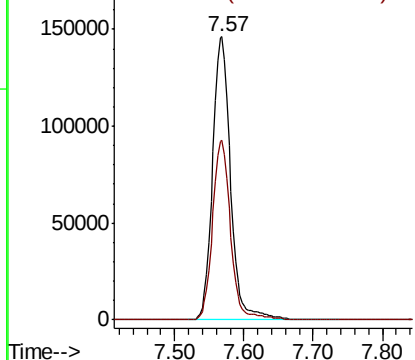


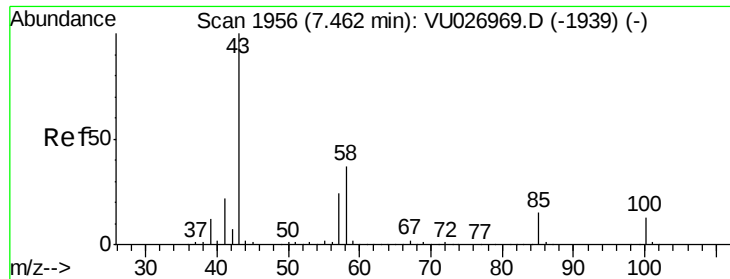
#50
Toluene-d8
Concen: 49.885 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027118.D
Acq: 24 Sep 2018 18:50

Tgt Ion: 98 Resp: 263226
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

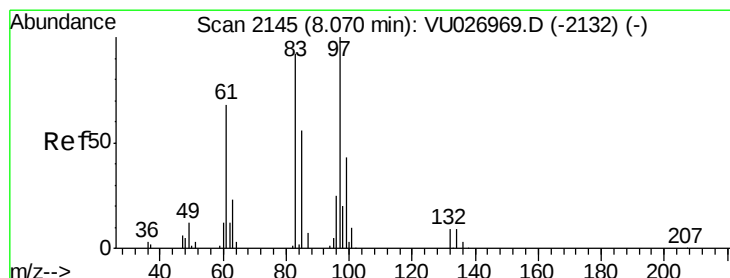
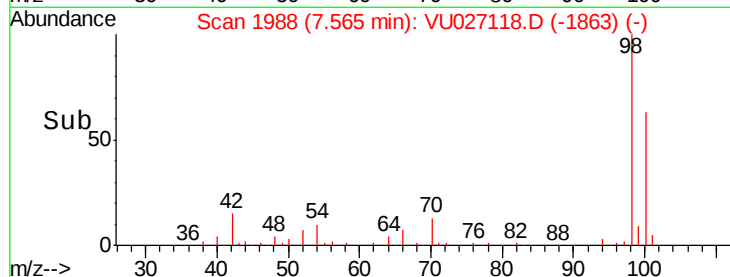
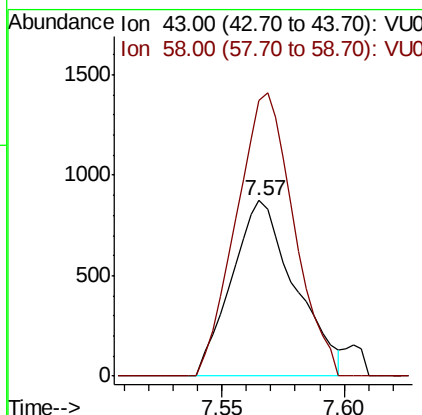
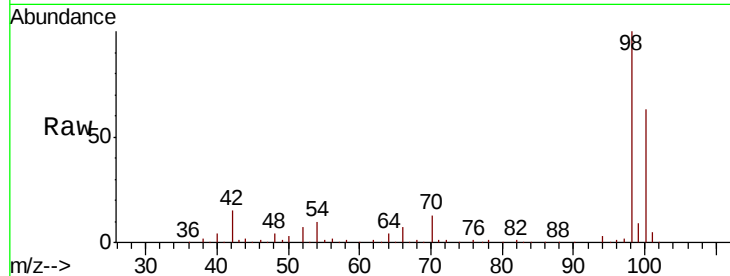




#51
 4-Methyl-2-Pentanone
 Concen: 0.554 ug/l
 RT: 7.57 min Scan# 1988
 Delta R.T. 0.10 min
 Lab File: VU027118.D
 Acq: 24 Sep 2018 18:50

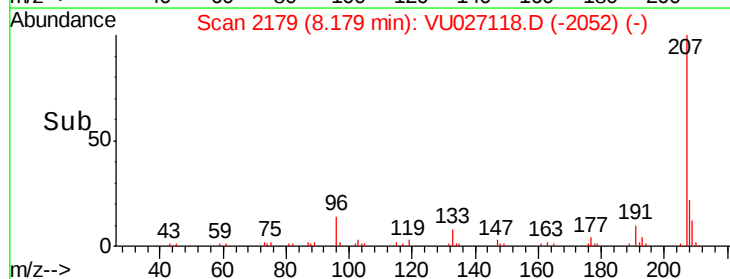
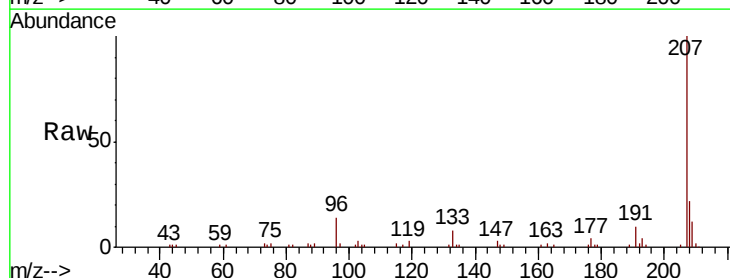
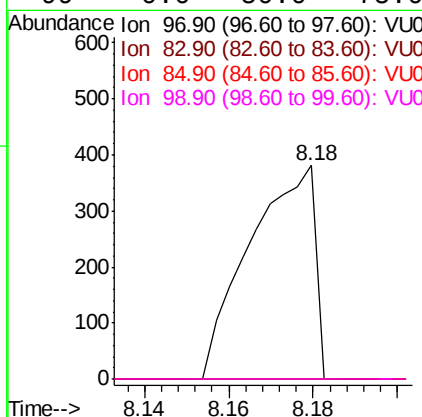
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ182I-20180916

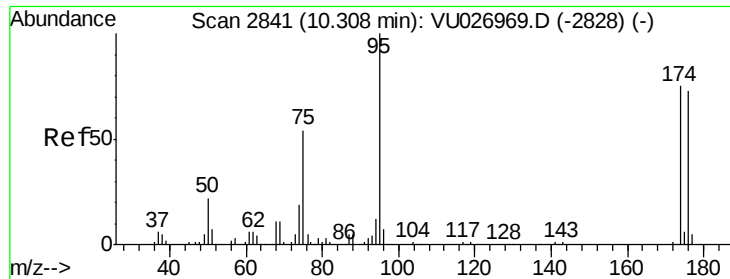
Tgt Ion: 43 Resp: 1569
 Ion Ratio Lower Upper
 43 100
 58 147.4 29.8 44.6#



#55
 1,1,2-Trichloroethane
 Concen: 0.260 ug/l
 RT: 8.18 min Scan# 2179
 Delta R.T. 0.11 min
 Lab File: VU027118.D
 Acq: 24 Sep 2018 18:50

Tgt Ion: 97 Resp: 410
 Ion Ratio Lower Upper
 97 100
 83 0.0 73.1 109.7#
 85 0.0 46.7 70.1#
 99 0.0 50.0 75.0#





#62

4-Bromofluorobenzene

Concen: 47.294 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027118.D

Acq: 24 Sep 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916

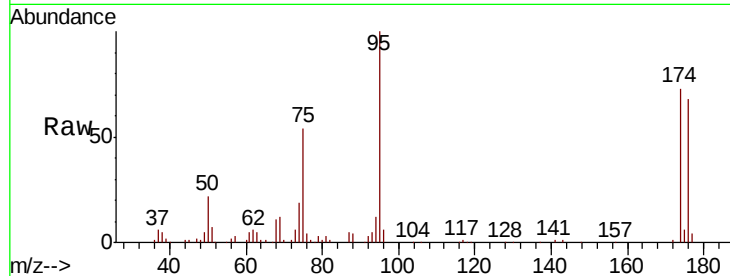
Tgt Ion: 95 Resp: 85630

Ion Ratio Lower Upper

95 100

174 73.5 0.0 150.2

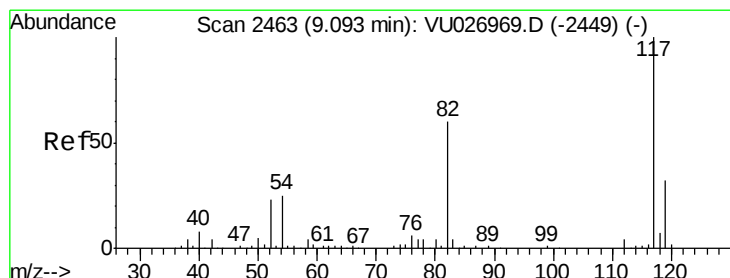
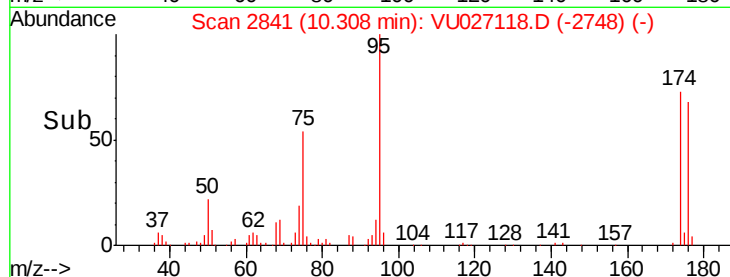
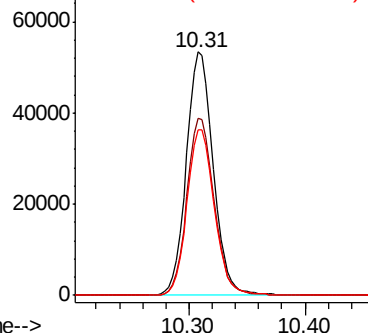
176 69.2 0.0 145.2



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# 2462

Delta R.T. -0.00 min

Lab File: VU027118.D

Acq: 24 Sep 2018 18:50

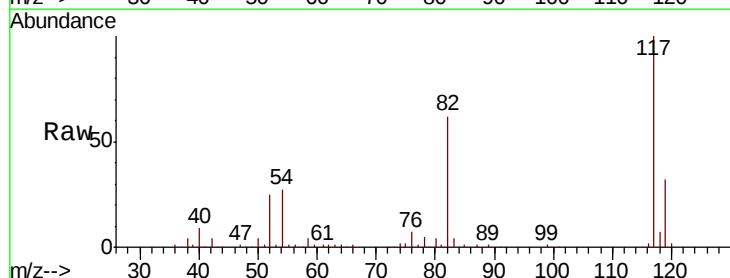
Tgt Ion: 117 Resp: 156018

Ion Ratio Lower Upper

117 100

82 62.2 48.0 72.0

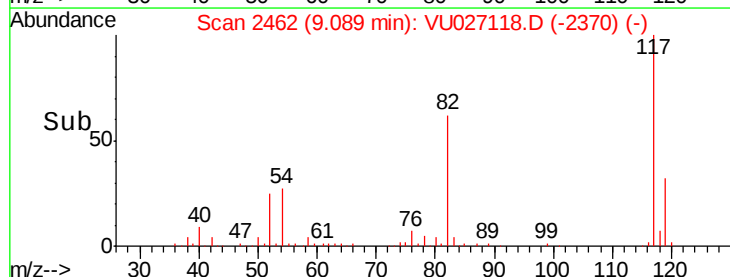
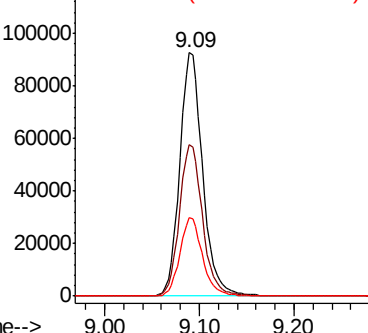
119 32.0 25.8 38.8

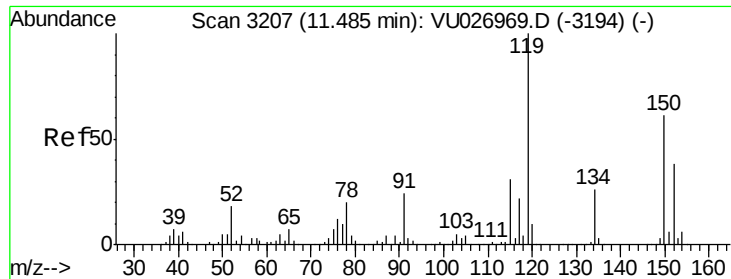


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

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: VU027118.D

Acq: 24 Sep 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916

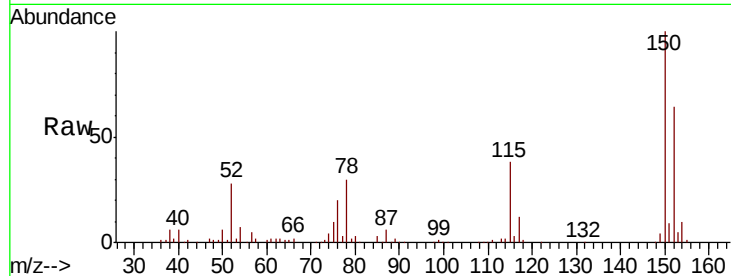
Tgt Ion:152 Resp: 72823

Ion Ratio Lower Upper

152 100

115 61.4 44.9 134.5

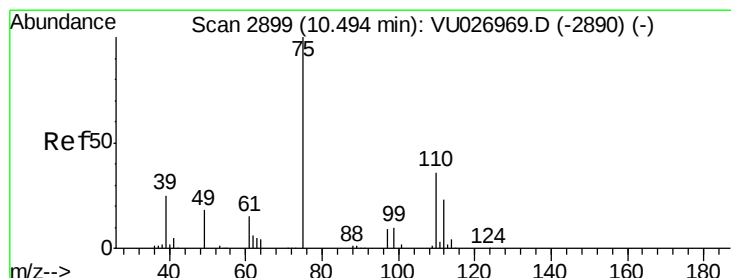
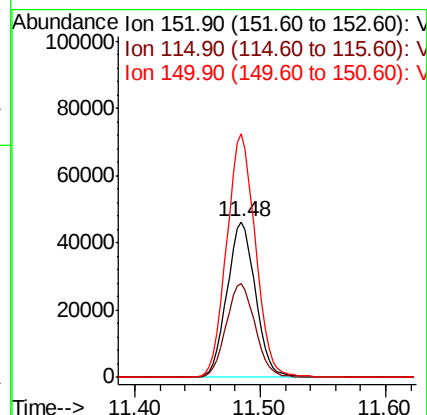
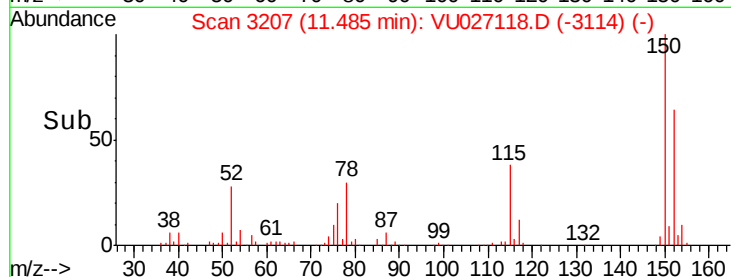
150 158.1 0.0 355.8



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: 21.216 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027118.D

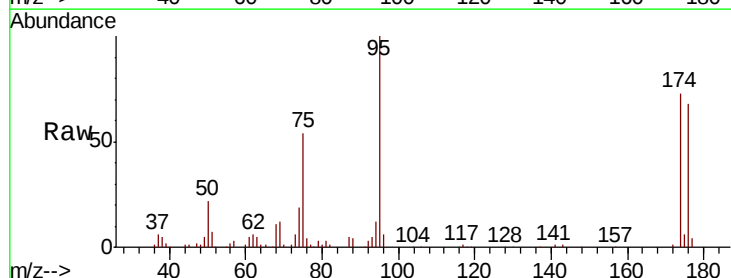
Acq: 24 Sep 2018 18:50

Tgt Ion: 75 Resp: 46938

Ion Ratio Lower Upper

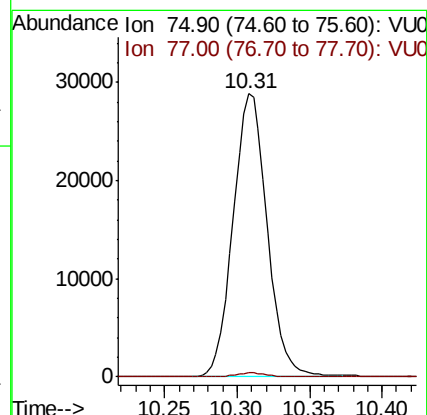
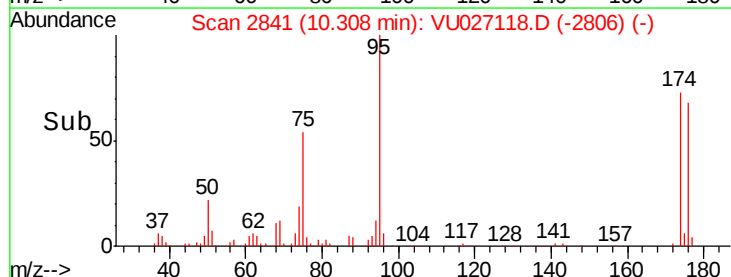
75 100

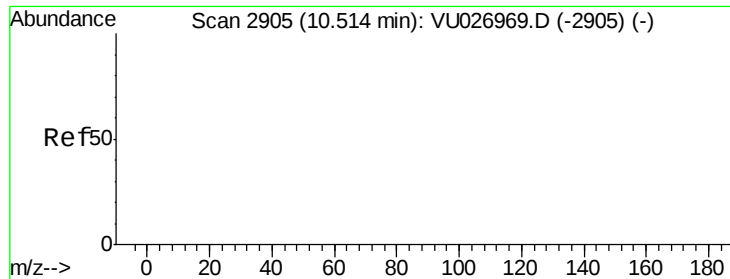
77 1.1 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

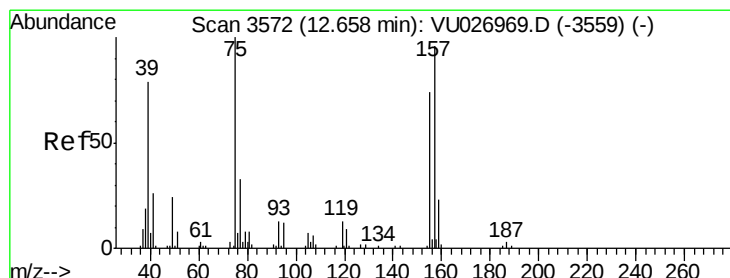
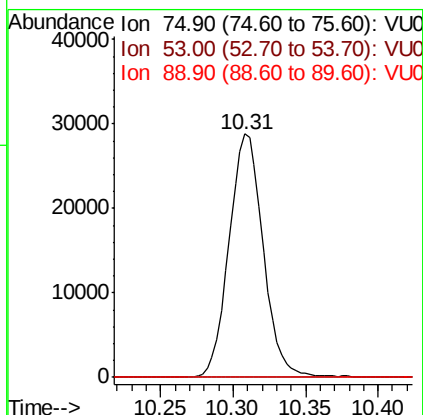
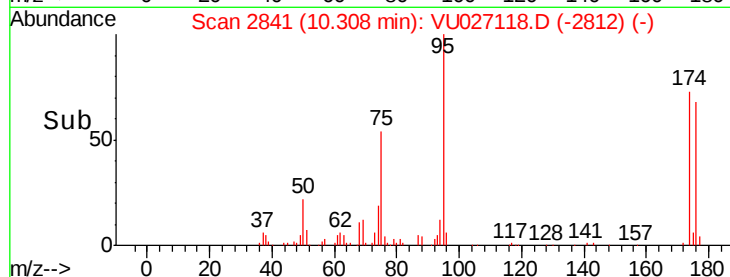
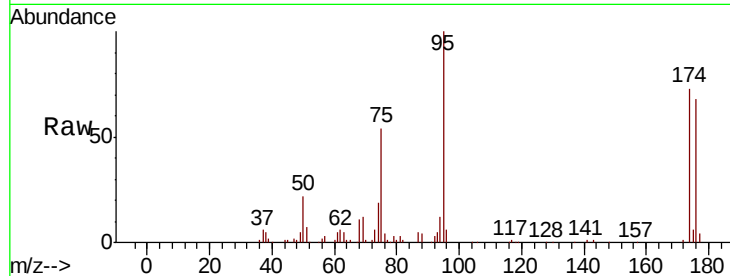




#81
trans-1,4-Dichloro-2-butene
Concen: 67.896 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027118.D
Acq: 24 Sep 2018 18:50

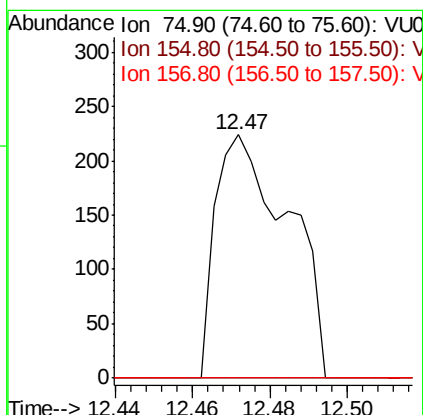
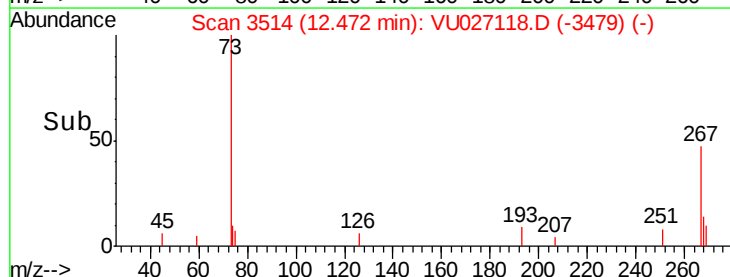
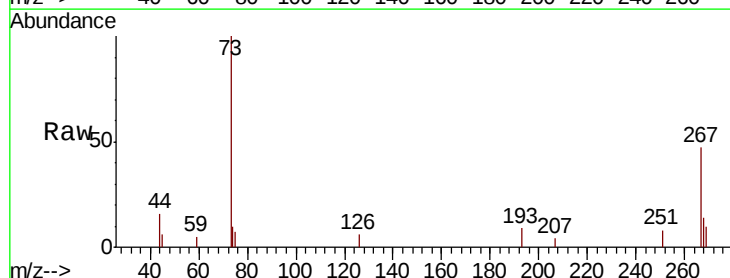
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ182I-20180916

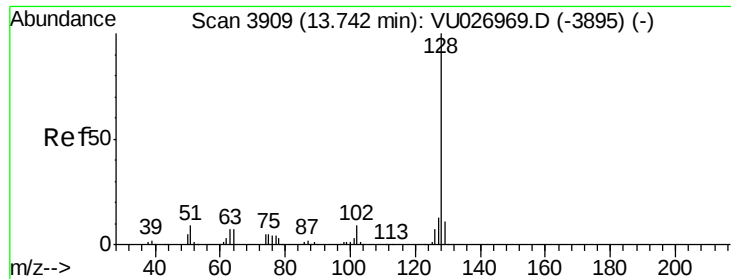
Tgt Ion: 75 Resp: 46938
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.562 ug/l
RT: 12.47 min Scan# 3514
Delta R.T. -0.19 min
Lab File: VU027118.D
Acq: 24 Sep 2018 18:50

Tgt Ion: 75 Resp: 292
Ion Ratio Lower Upper
75 100
155 0.0 36.6 109.8#
157 0.0 47.4 142.2#





#95

Naphthalene

Concen: 1.740 ug/l

RT: 13.76 min Scan# 3914

Delta R.T. 0.02 min

Lab File: VU027118.D

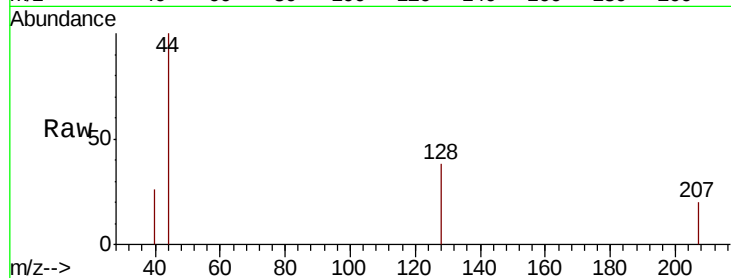
Acq: 24 Sep 2018 18:50

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ182I-20180916



Tgt Ion:128 Resp: 319

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 12.8#

