

Data File : VU027032.D
Acq On : 22 Sep 2018 21:37
Operator : MD/SY
Sample : J4934-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 72 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ157I-20180913

Quant Time: Sep 24 02:54:00 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	91223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	155603	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	69028	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95422	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	4.88	113	65763	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	7.57	98	243393	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	10.31	95	79427	45.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.06%	

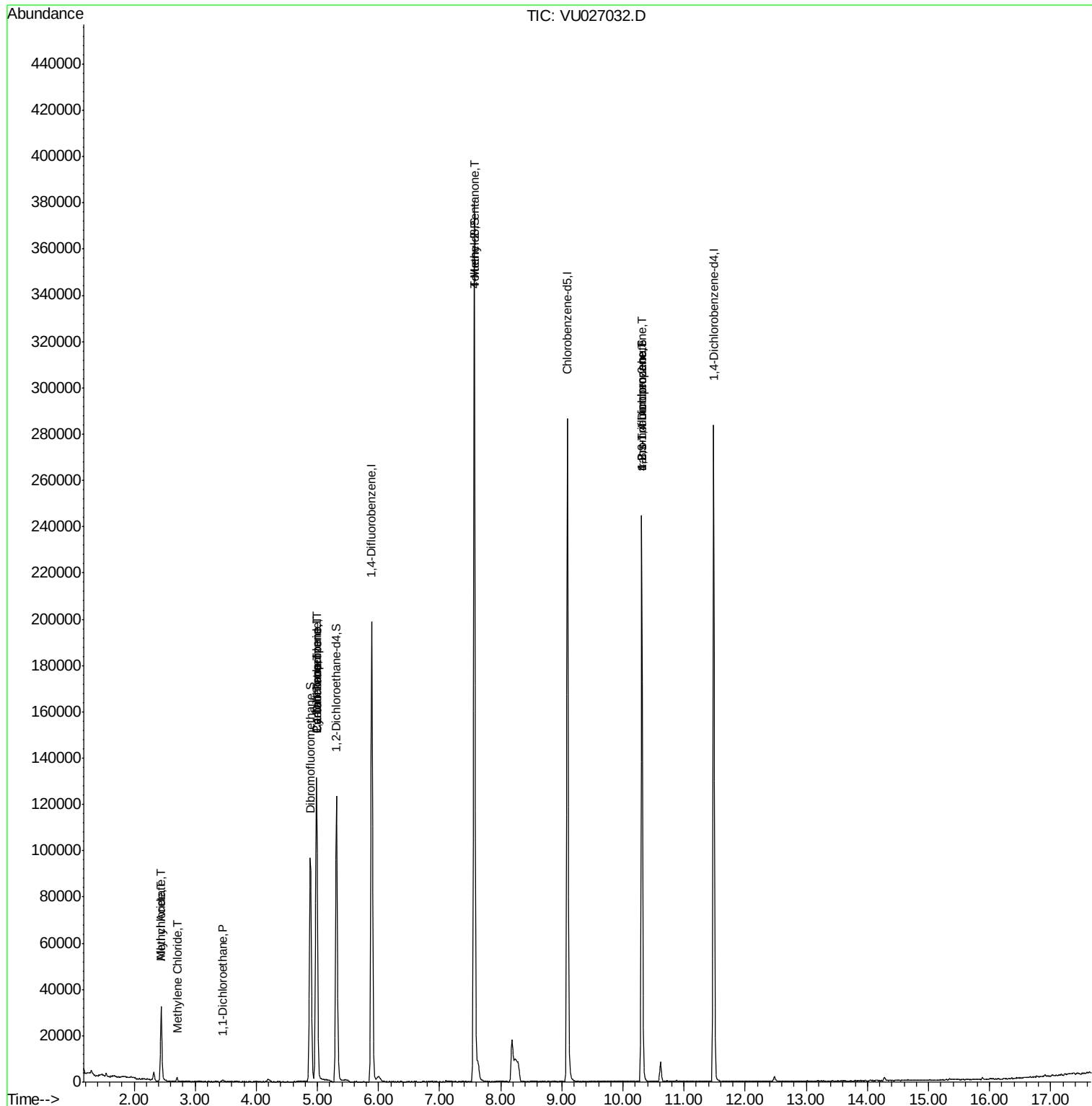
Target Compounds			Qvalue			
14) Allyl chloride	2.44	41	3089	1.209	ug/l #	74
16) Acetone	2.32	43	4358	Below Cal		100
18) Methyl Acetate	2.44	43	8312	3.181	ug/l #	55
20) Methylene Chloride	2.70	84	571	0.347	ug/l #	82
24) 1,1-Dichloroethane	3.45	63	1102	0.366	ug/l #	84
31) Cyclohexane	4.99	56	2485	0.337	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8619	4.150	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9953	5.036	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1254	0.455	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42726	20.374	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	42726	65.201	ug/l #	100

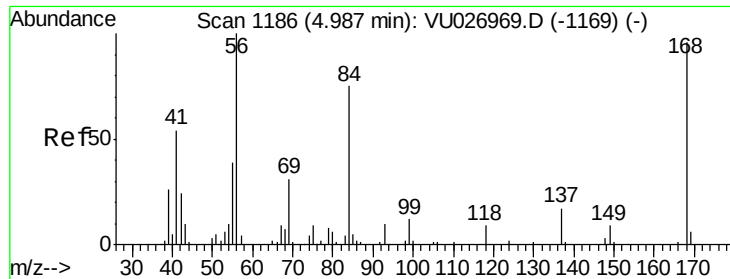
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

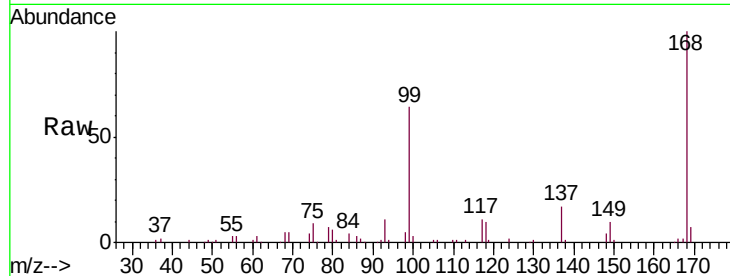
SA-PZ157I-20180913

Tgt Ion:168 Resp: 91223

Ion Ratio Lower Upper

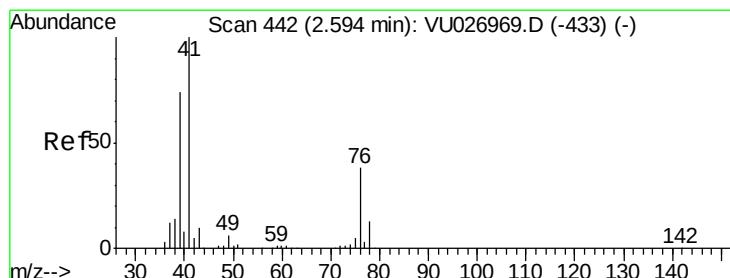
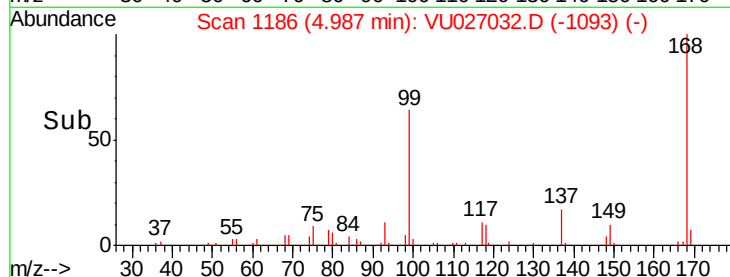
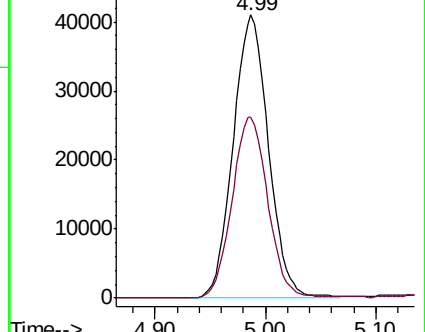
168 100

99 64.0 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) (-)



#14

Allyl chloride

Concen: 1.209 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.15 min

Lab File: VU027032.D

Acq: 22 Sep 2018 21:37

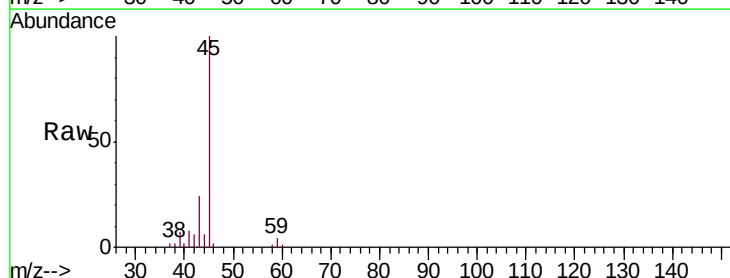
Tgt Ion: 41 Resp: 3089

Ion Ratio Lower Upper

41 100

39 77.8 55.7 83.5

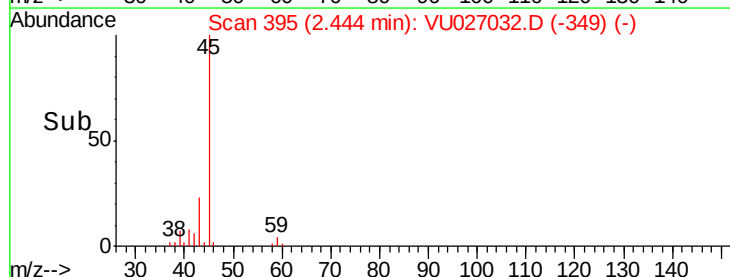
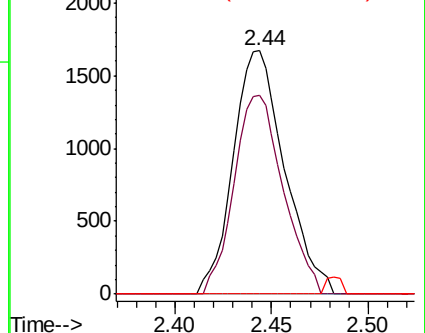
76 0.0 26.5 39.7#

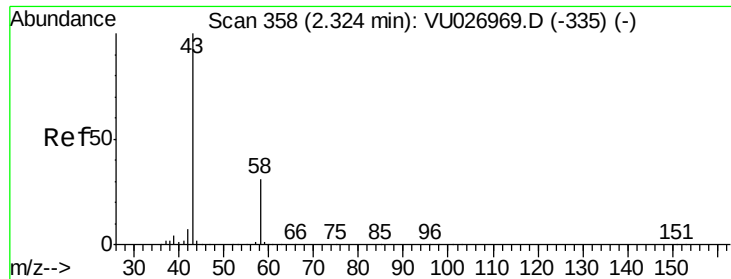


Abundance Ion 41.00 (40.70 to 41.70): VU026969.D (-433) (-)

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

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





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027032.D

Acq: 22 Sep 2018 21:37

Instrument :

MSVOA_U

ClientSampleId :

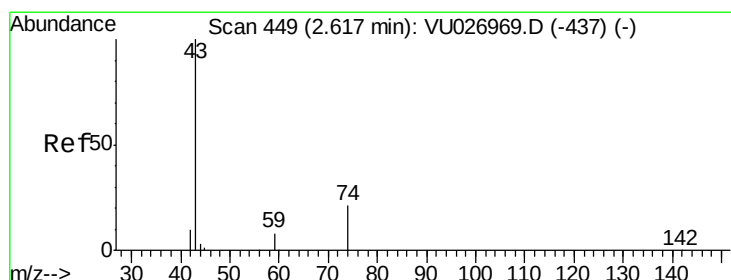
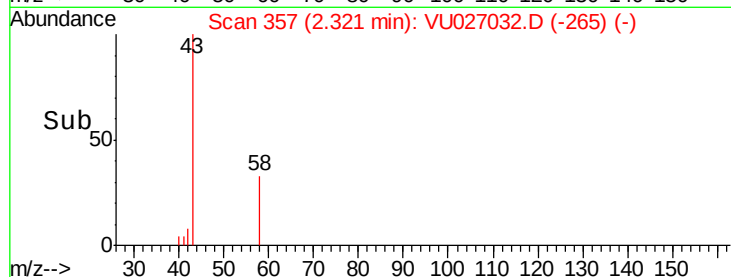
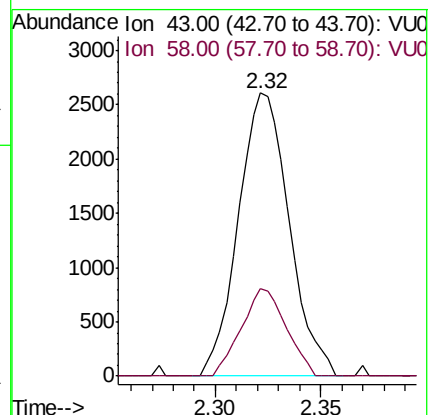
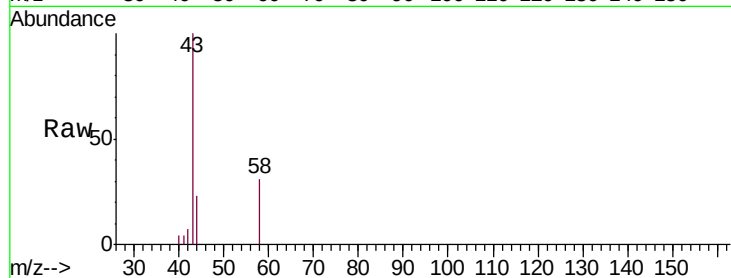
SA-PZ157I-20180913

Tgt Ion: 43 Resp: 4358

Ion Ratio Lower Upper

43 100

58 30.9 24.6 36.8



#18

Methyl Acetate

Concen: 3.181 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.17 min

Lab File: VU027032.D

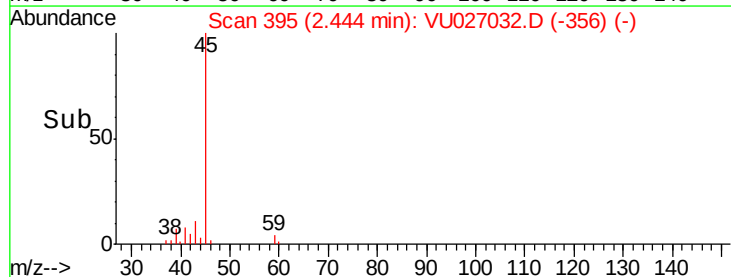
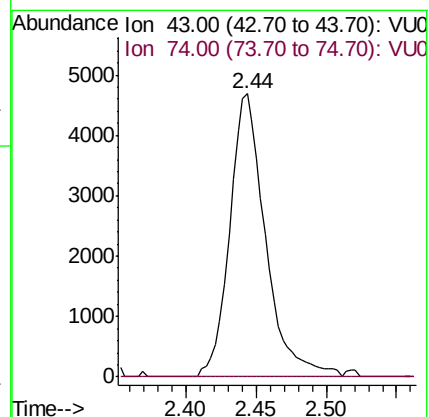
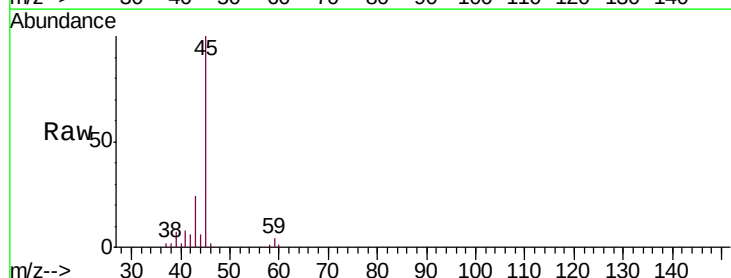
Acq: 22 Sep 2018 21:37

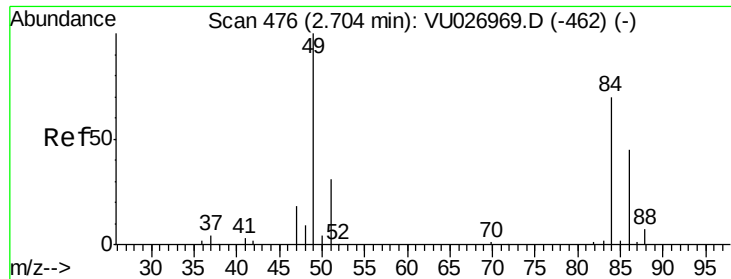
Tgt Ion: 43 Resp: 8312

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#

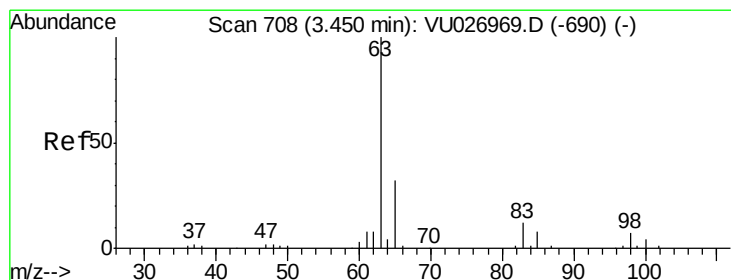
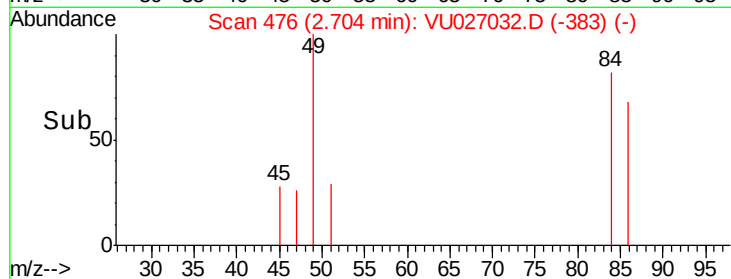
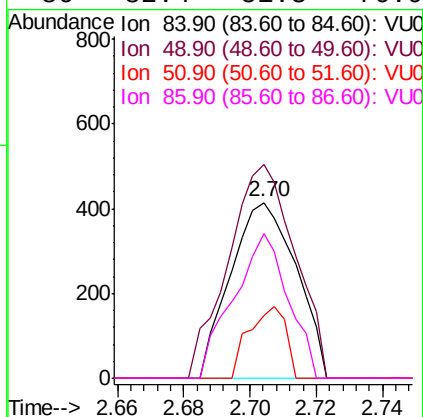
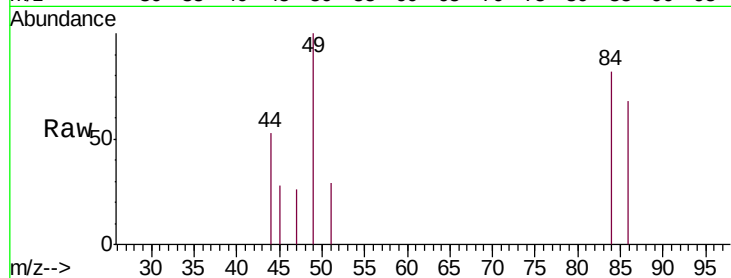




#20
Methylene Chloride
Concen: 0.347 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027032.D
Acq: 22 Sep 2018 21:37

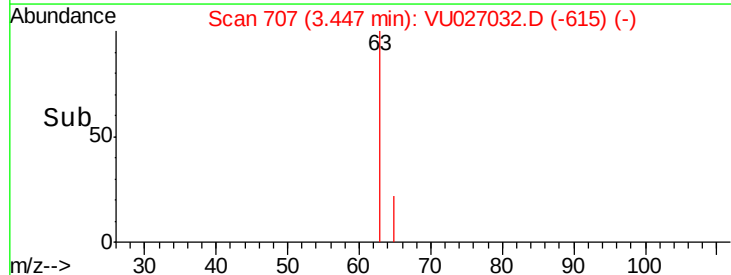
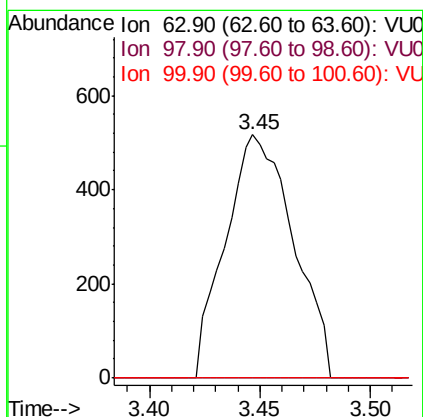
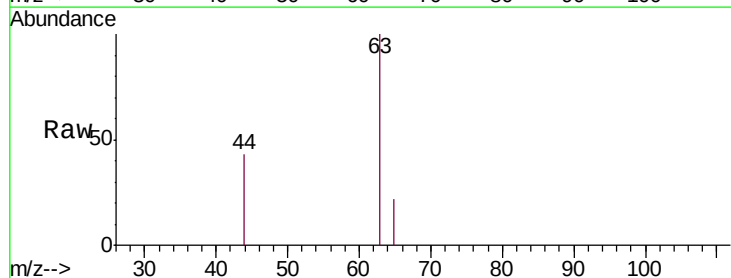
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ157I-20180913

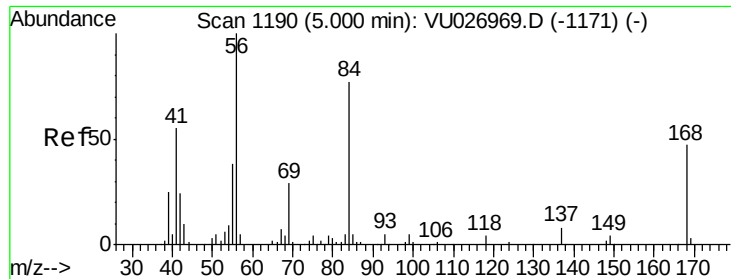
Tgt Ion: 84 Resp: 571
Ion Ratio Lower Upper
84 100
49 121.7 114.9 172.3
51 35.7 35.8 53.8#
86 82.4 51.3 76.9#



#24
1,1-Dichloroethane
Concen: 0.366 ug/l
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027032.D
Acq: 22 Sep 2018 21:37

Tgt Ion: 63 Resp: 1102
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.0 5.8#

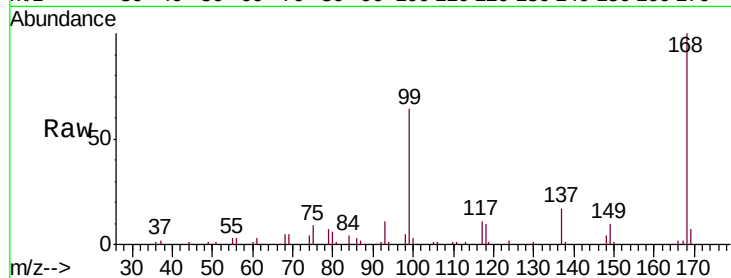




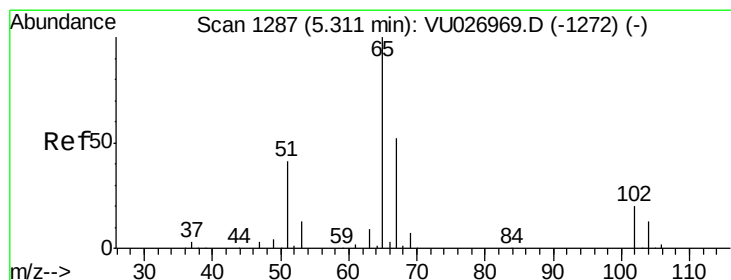
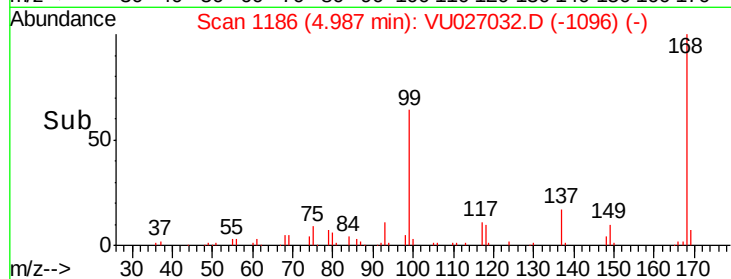
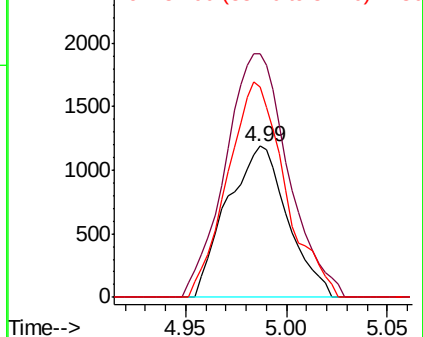
#31
Cyclohexane
Concen: 0.337 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027032.D
Acq: 22 Sep 2018 21:37

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ157I-20180913

Tgt Ion: 56 Resp: 2485
Ion Ratio Lower Upper
56 100
69 152.1 23.0 34.4#
84 139.4 61.4 92.2#

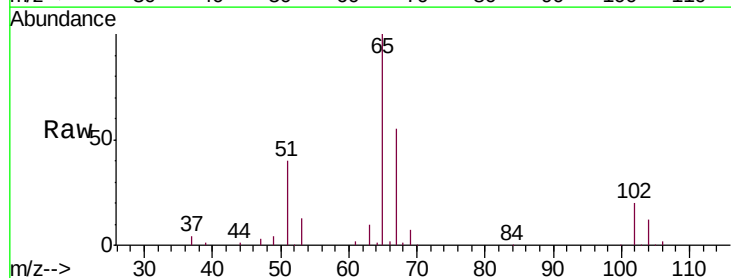


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

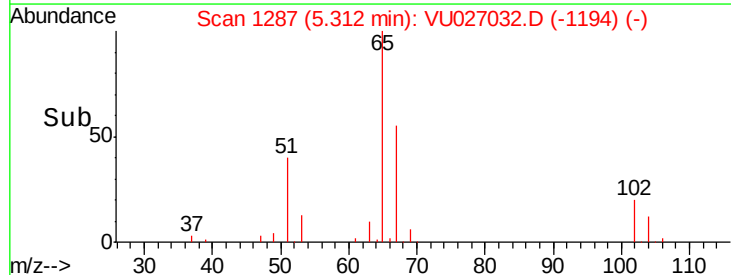
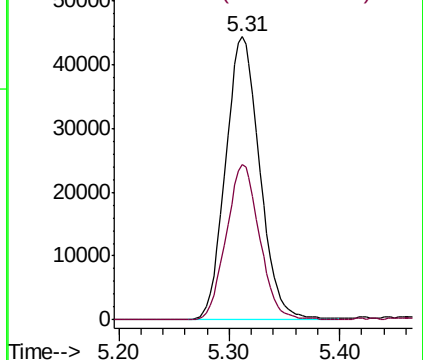


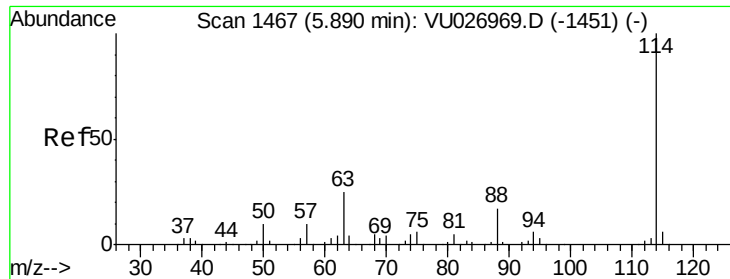
#33
1,2-Dichloroethane-d4
Concen: 51.972 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027032.D
Acq: 22 Sep 2018 21:37

Tgt Ion: 65 Resp: 95422
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.6



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

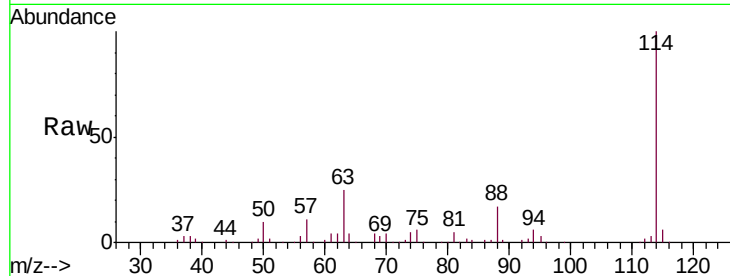




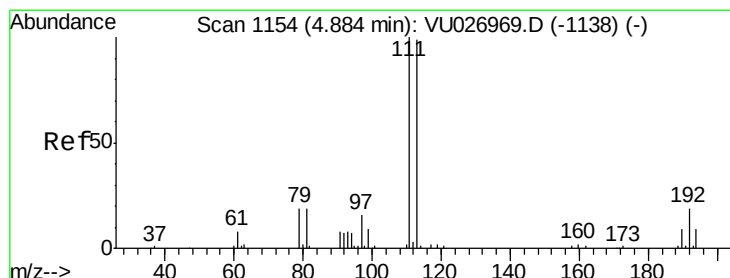
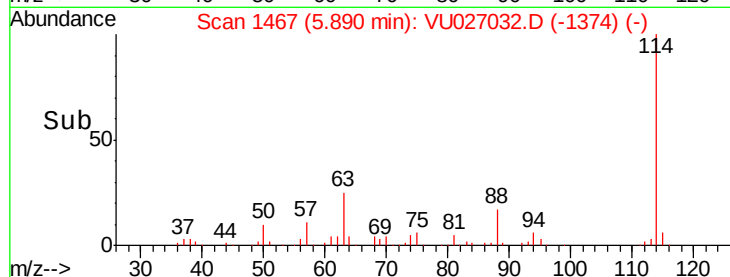
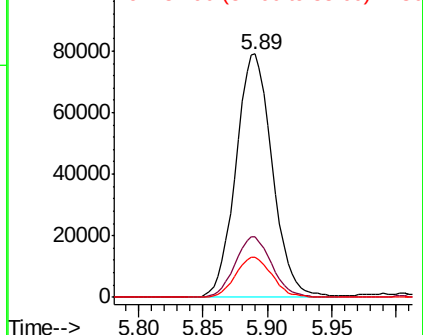
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027032.D
 Acq: 22 Sep 2018 21:37

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ157I-20180913

Tgt Ion:114 Resp: 155603
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.5 0.0 33.8

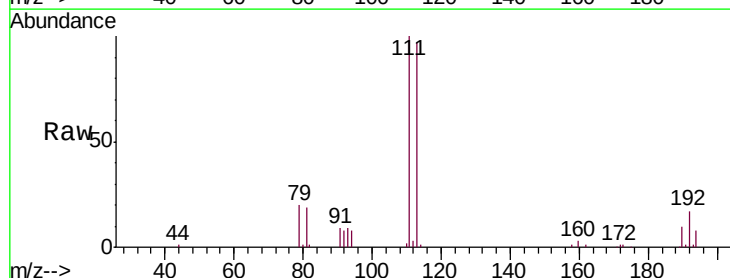


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

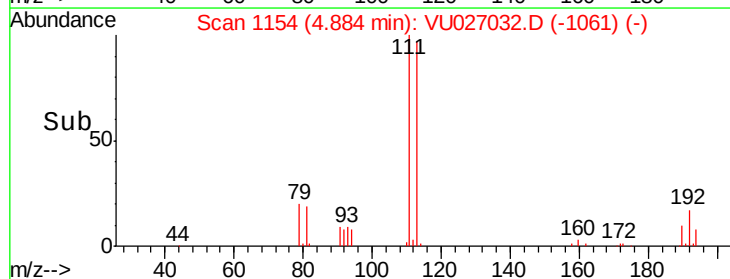
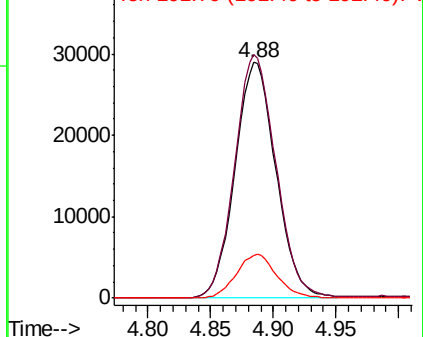


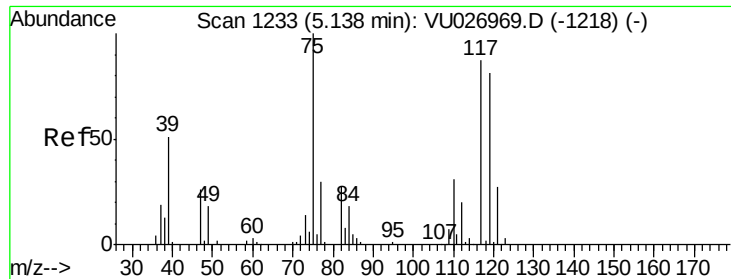
#35
 Dibromofluoromethane
 Concen: 48.758 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027032.D
 Acq: 22 Sep 2018 21:37

Tgt Ion:113 Resp: 65763
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.2 123.4
 192 18.2 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

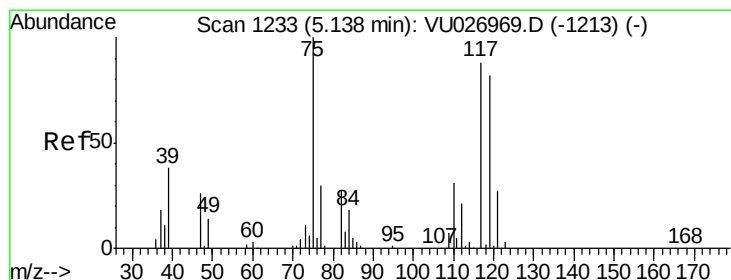
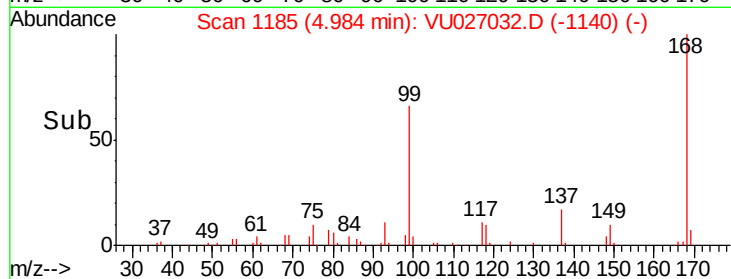
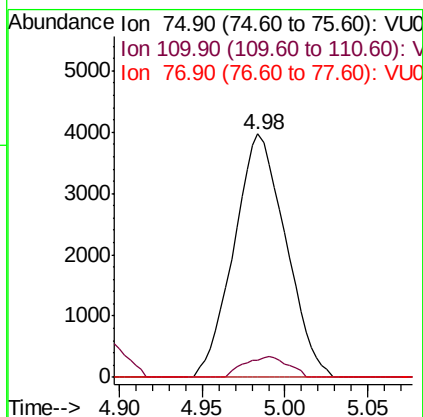
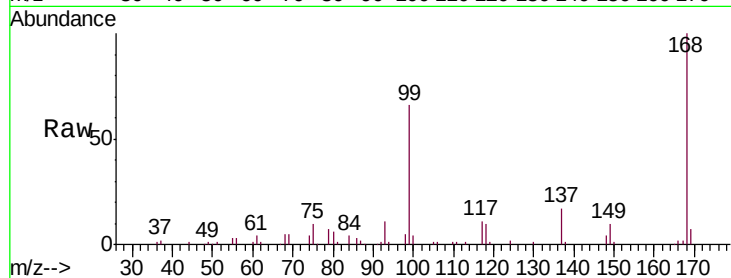




#36
 1,1-Dichloropropene
 Concen: 4.150 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027032.D
 Acq: 22 Sep 2018 21:37

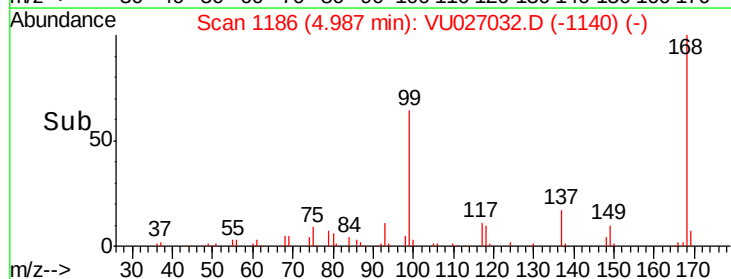
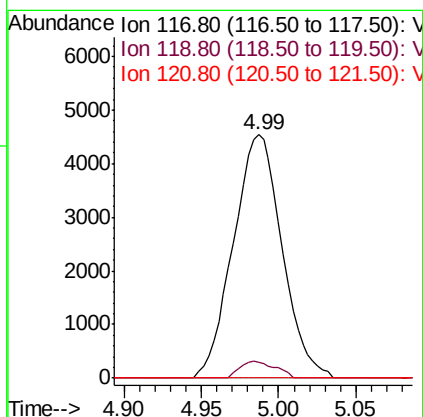
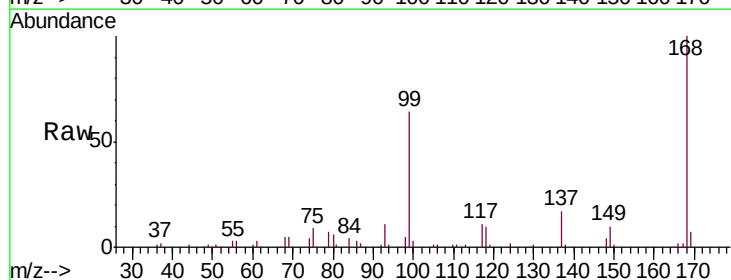
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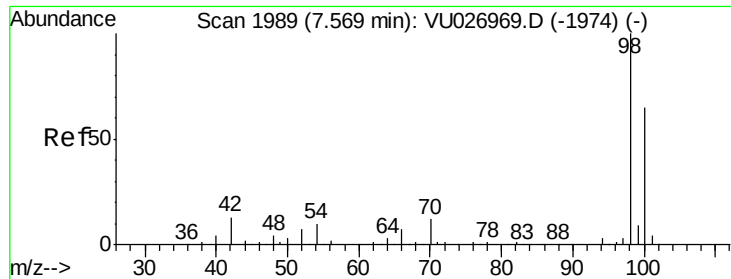
Tgt Ion: 75 Resp: 8619
 Ion Ratio Lower Upper
 75 100
 110 7.2 16.1 48.2#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.036 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027032.D
 Acq: 22 Sep 2018 21:37

Tgt Ion: 117 Resp: 9953
 Ion Ratio Lower Upper
 117 100
 119 6.6 74.4 111.6#
 121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 47.351 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027032.D

Acq: 22 Sep 2018 21:37

Instrument :

MSVOA_U

ClientSampleId :

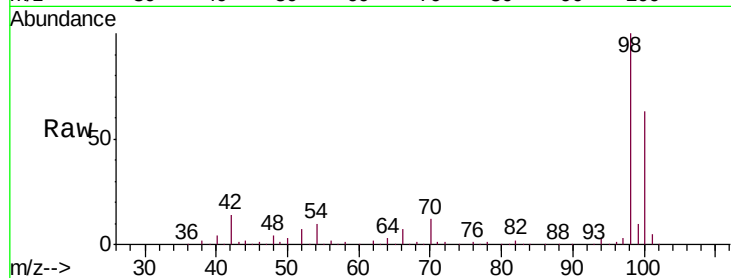
SA-PZ157I-20180913

Tgt Ion: 98 Resp: 243393

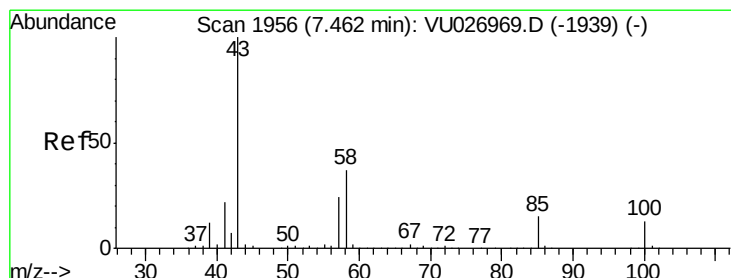
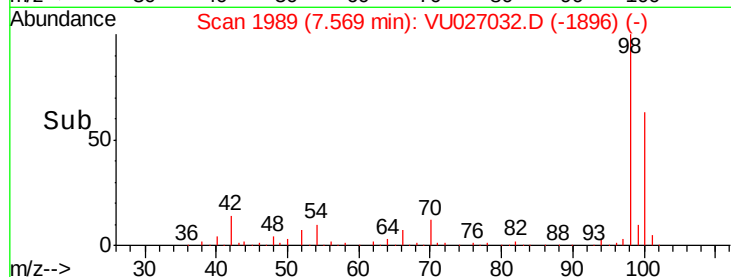
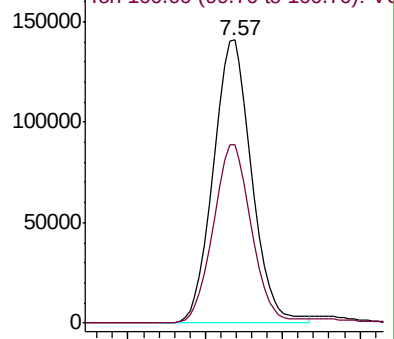
Ion Ratio Lower Upper

98 100

100 62.9 52.1 78.1



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



#51

4-Methyl-2-Pentanone

Concen: 0.455 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU027032.D

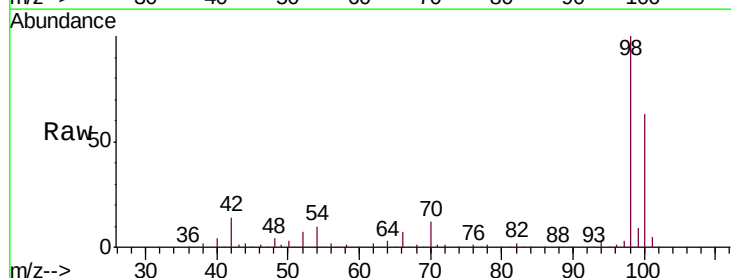
Acq: 22 Sep 2018 21:37

Tgt Ion: 43 Resp: 1254

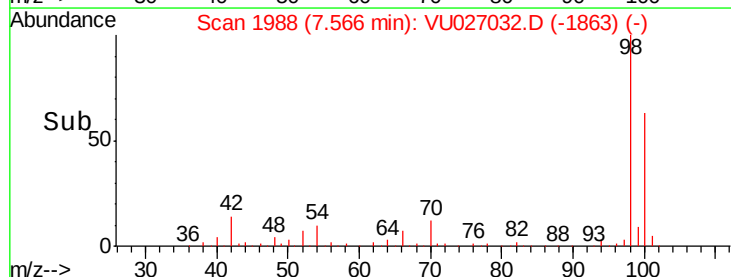
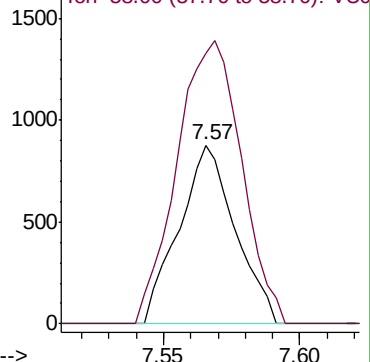
Ion Ratio Lower Upper

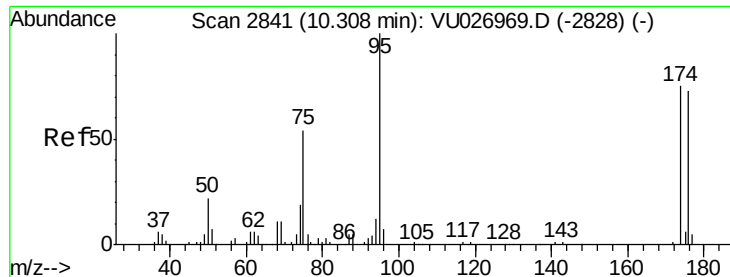
43 100

58 182.2 29.8 44.6#



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

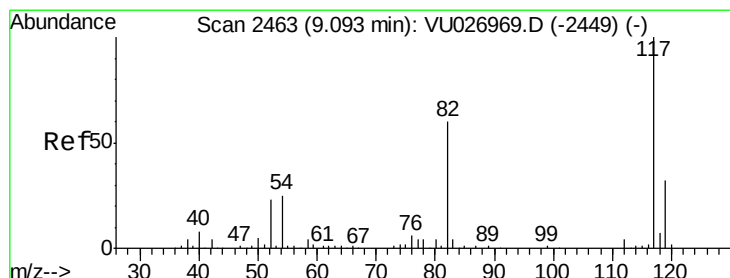
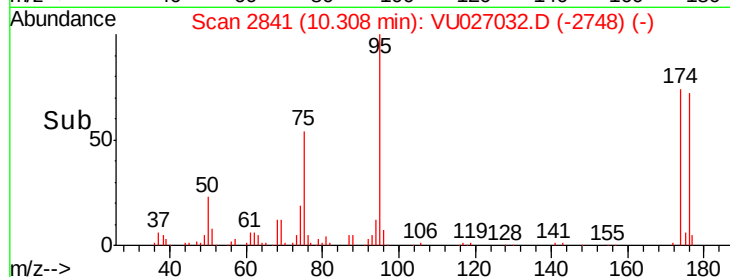
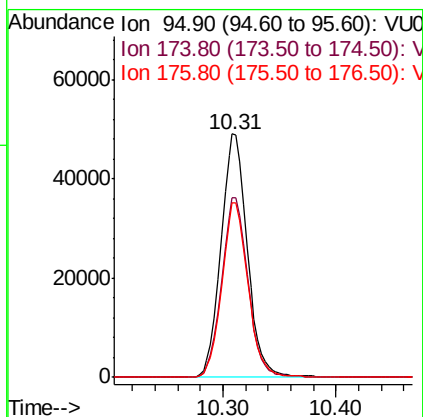
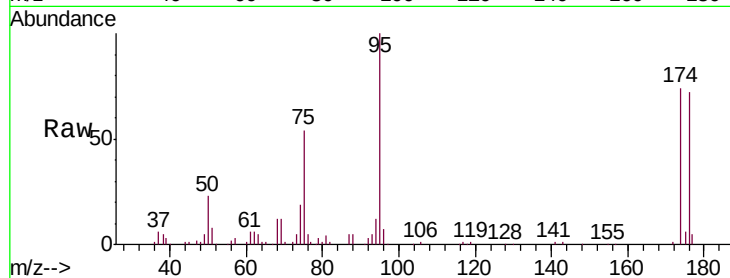




#62
 4-Bromofluorobenzene
 Concen: 45.033 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027032.D
 Acq: 22 Sep 2018 21:37

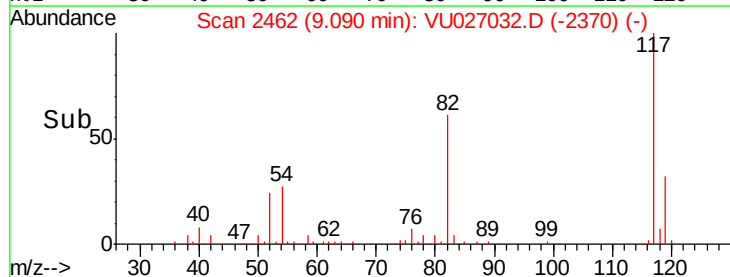
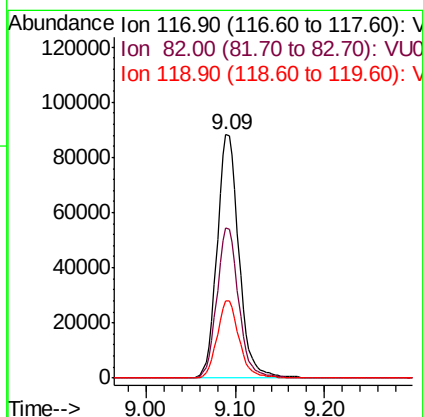
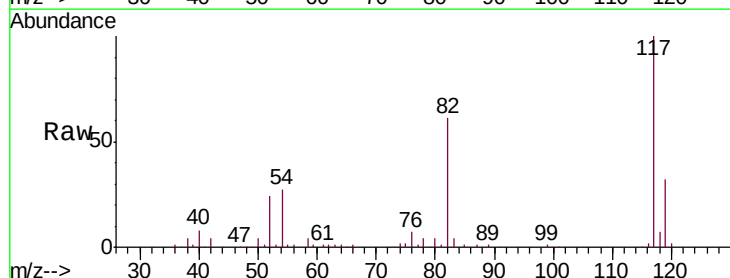
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ1571-20180913

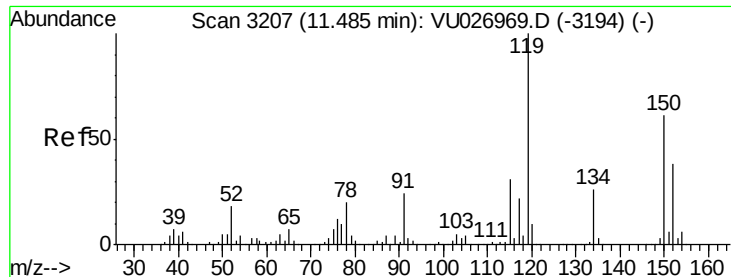
Tgt Ion: 95 Resp: 79427
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 150.2
 176 71.2 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027032.D
 Acq: 22 Sep 2018 21:37

Tgt Ion: 117 Resp: 150234
 Ion Ratio Lower Upper
 117 100
 82 61.5 48.0 72.0
 119 31.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027032.D

Acq: 22 Sep 2018 21:37

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ157I-20180913

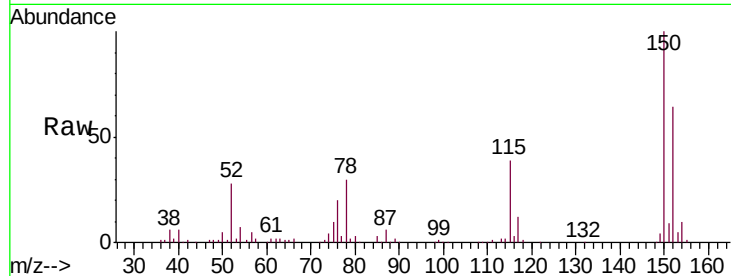
Tgt Ion:152 Resp: 69028

Ion Ratio Lower Upper

152 100

115 60.7 44.9 134.5

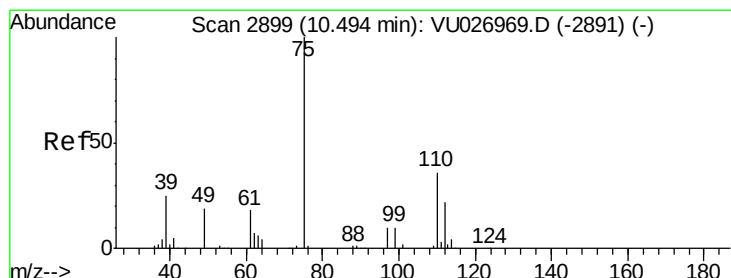
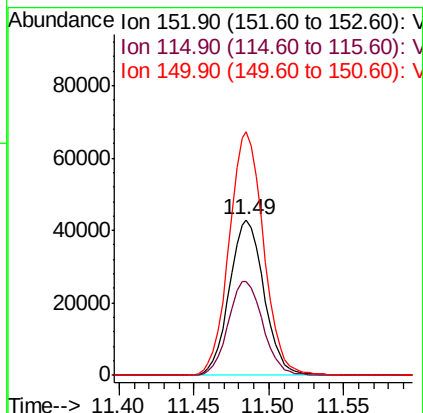
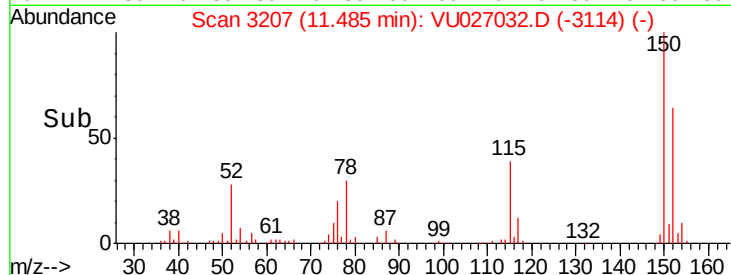
150 155.5 0.0 355.8



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: 20.374 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027032.D

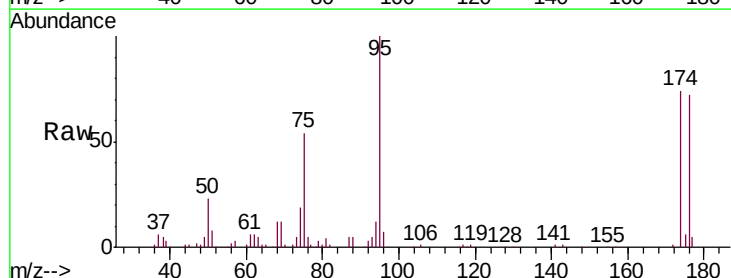
Acq: 22 Sep 2018 21:37

Tgt Ion: 75 Resp: 42726

Ion Ratio Lower Upper

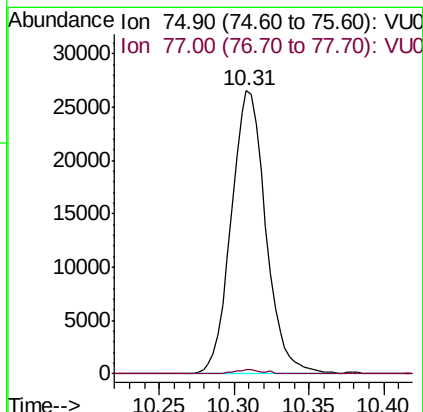
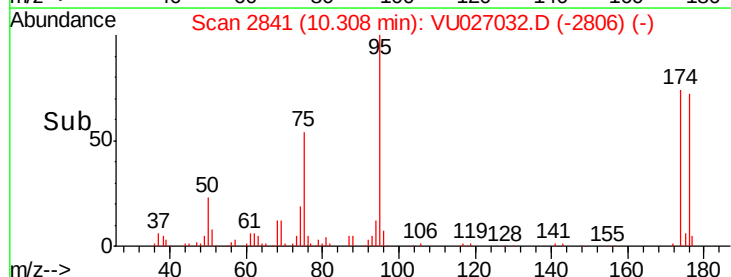
75 100

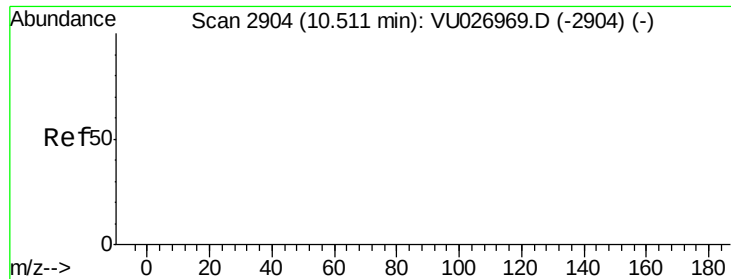
77 1.2 20.9 62.8#



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: 65.201 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027032.D

Acq: 22 Sep 2018 21:37

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ157I-20180913

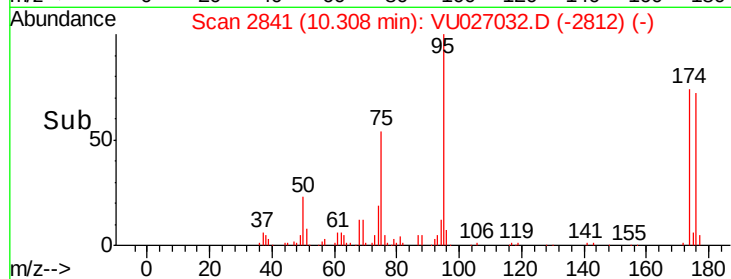
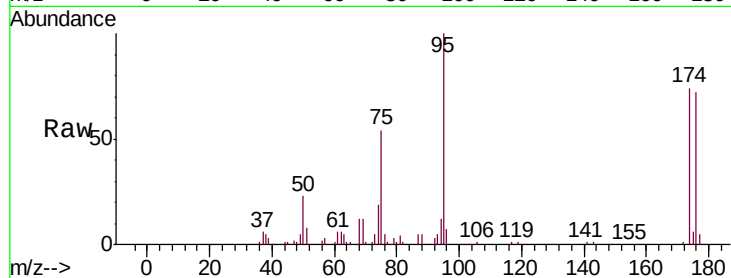
Tgt Ion: 75 Resp: 42726

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

