

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027102.D
 Acq On : 24 Sep 2018 12:39
 Operator : MD/SY
 Sample : J4969-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ144I-20180916

Quant Time: Sep 25 01:34:30 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	94716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	161570	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71635	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	100637	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	4.88	113	68461	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	7.57	98	260513	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	10.31	95	83640	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	

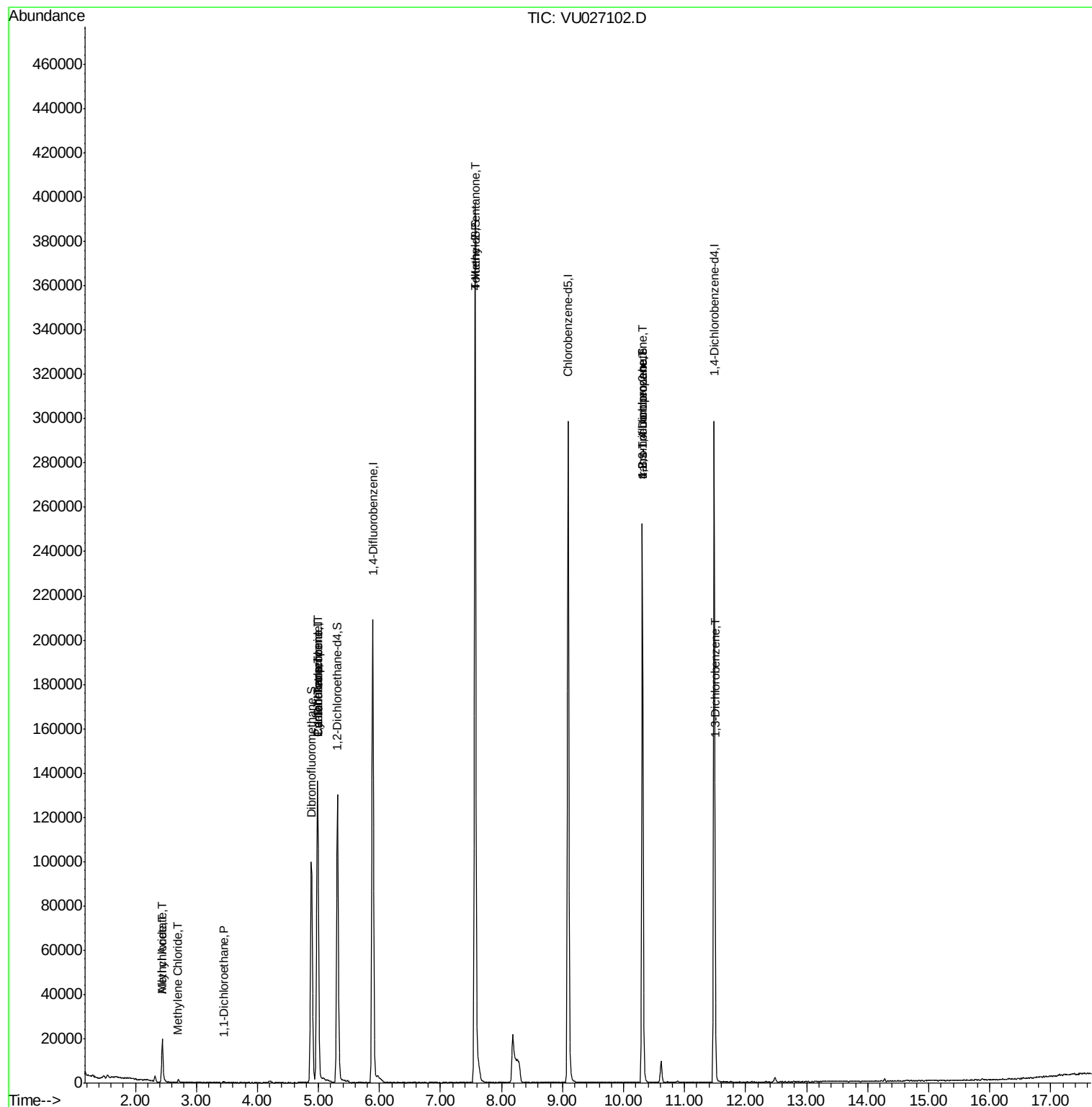
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	2.44	41	1812	0.683	ug/l #	61
16) Acetone	2.32	43	3170	Below Cal	#	87
18) Methyl Acetate	2.44	43	5152	1.899	ug/l #	55
20) Methylene Chloride	2.70	84	517	0.303	ug/l	90
24) 1,1-Dichloroethane	3.45	63	679	0.217	ug/l #	84
31) Cyclohexane	4.98	56	2609	0.347	ug/l #	13
36) 1,1-Dichloropropene	4.98	75	9326	4.325	ug/l #	50
38) Carbon Tetrachloride	4.98	117	10415	5.075	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1161	0.405	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	45835	21.061	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	45835	67.400	ug/l #	100
87) 1,3-Dichlorobenzene	11.51	146	540	0.218	ug/l #	24

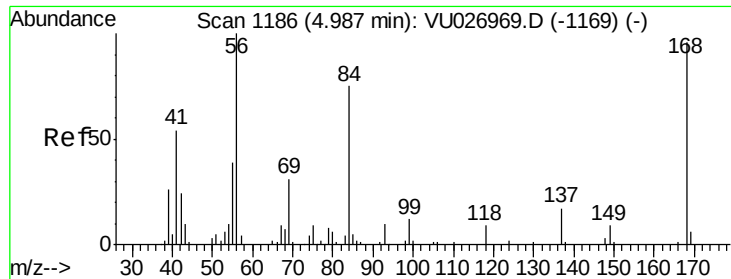
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027102.D

Acq: 24 Sep 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

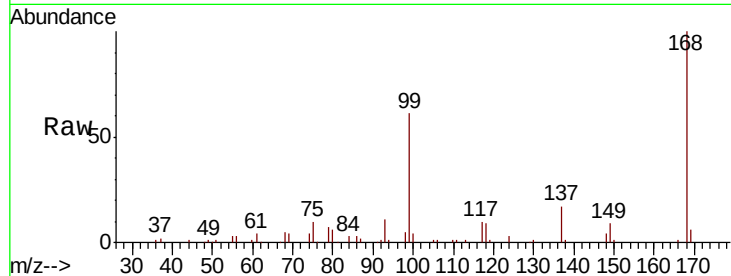
SA-PZ144I-20180916

Tgt Ion:168 Resp: 94716

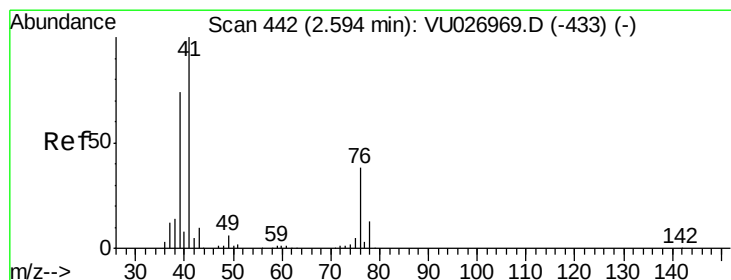
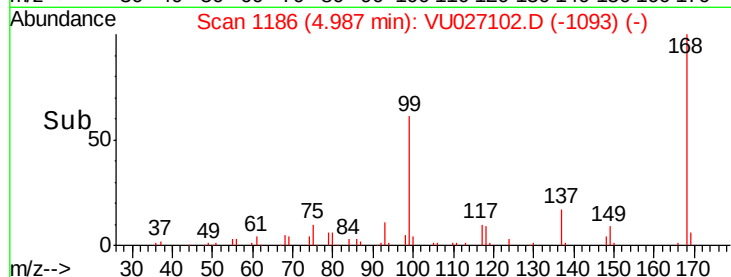
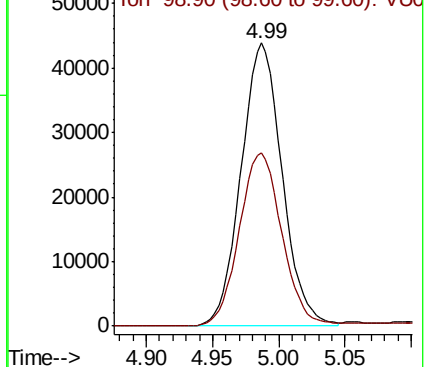
Ion Ratio Lower Upper

168 100

99 61.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU027102.D (-1093) (-)



#14

Allyl chloride

Concen: 0.683 ug/l

RT: 2.44 min Scan# 395

Delta R.T. -0.15 min

Lab File: VU027102.D

Acq: 24 Sep 2018 12:39

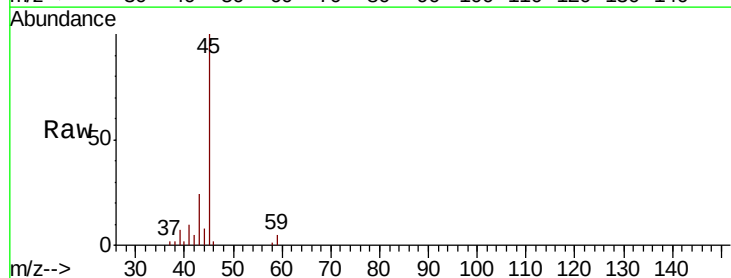
Tgt Ion: 41 Resp: 1812

Ion Ratio Lower Upper

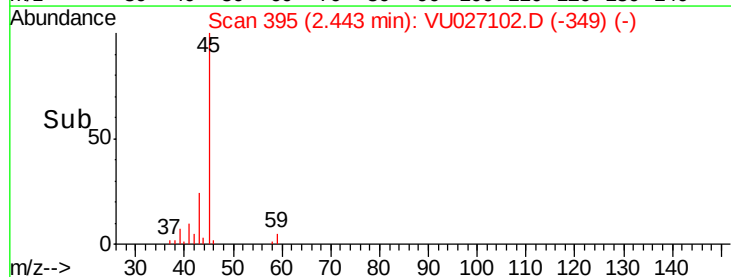
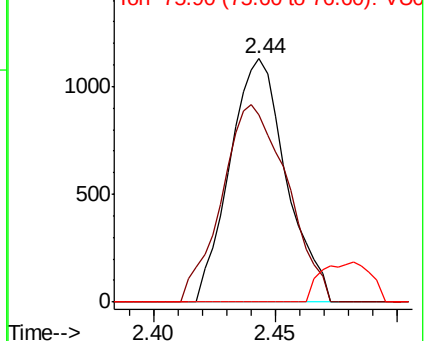
41 100

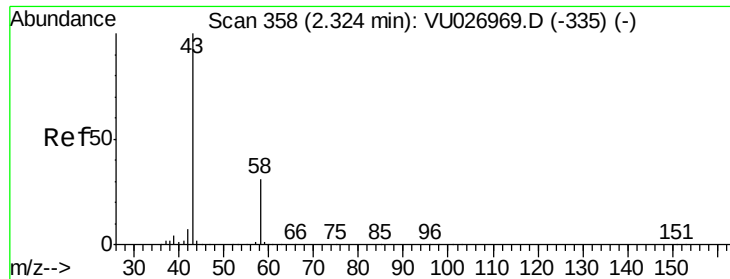
39 94.4 55.7 83.5#

76 0.0 26.5 39.7#



Abundance Ion 41.00 (40.70 to 41.70): VU027102.D (-349) (-)





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027102.D

Acq: 24 Sep 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

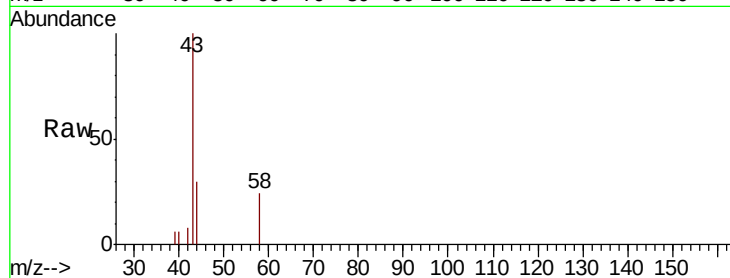
SA-PZ144I-20180916

Tgt Ion: 43 Resp: 3170

Ion Ratio Lower Upper

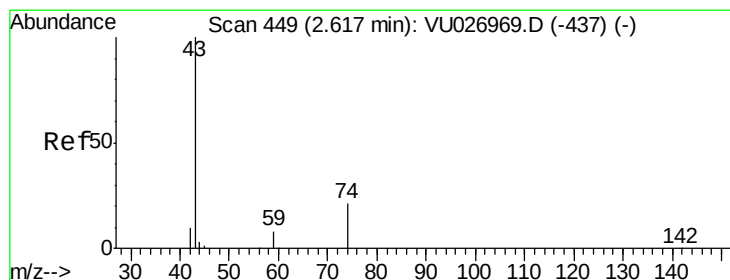
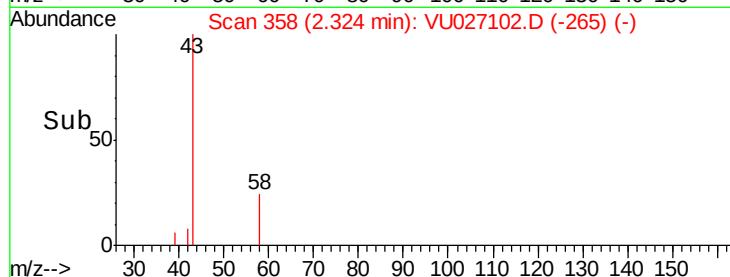
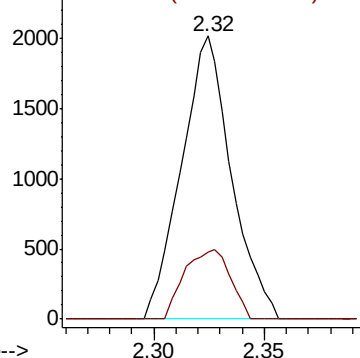
43 100

58 23.5 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 1.899 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.18 min

Lab File: VU027102.D

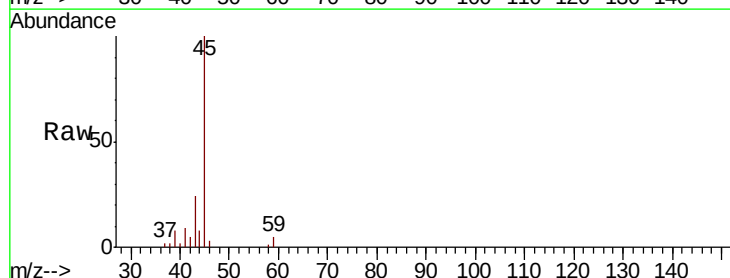
Acq: 24 Sep 2018 12:39

Tgt Ion: 43 Resp: 5152

Ion Ratio Lower Upper

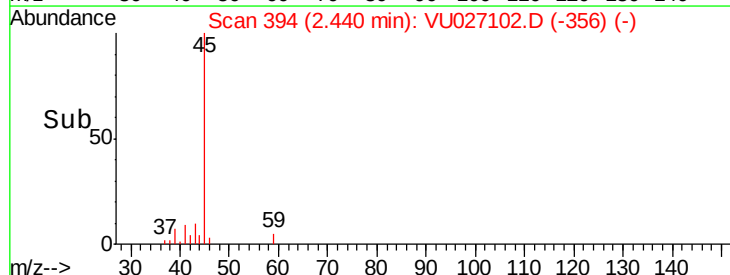
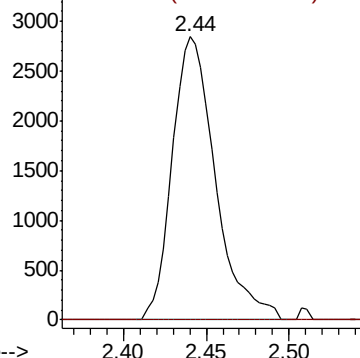
43 100

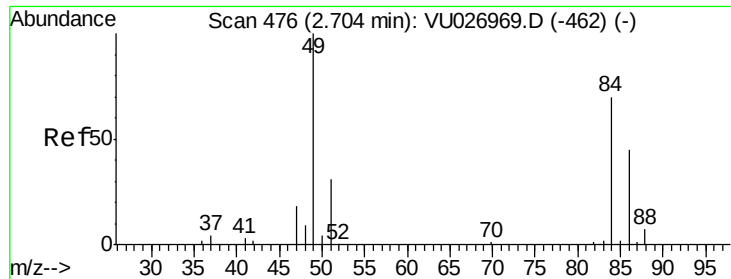
74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#20

Methylene Chloride

Concen: 0.303 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027102.D

Acq: 24 Sep 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ144I-20180916

Tgt Ion: 84 Resp: 517

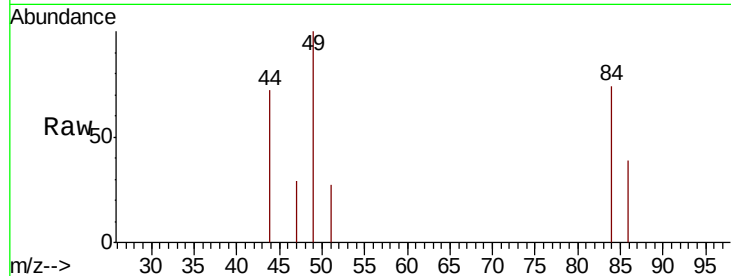
Ion Ratio Lower Upper

84 100

49 135.1 114.9 172.3

51 36.6 35.8 53.8

86 52.9 51.3 76.9

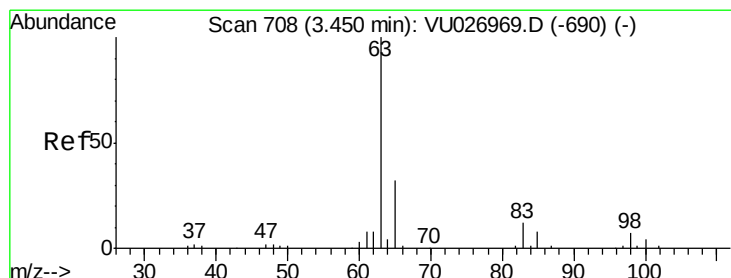
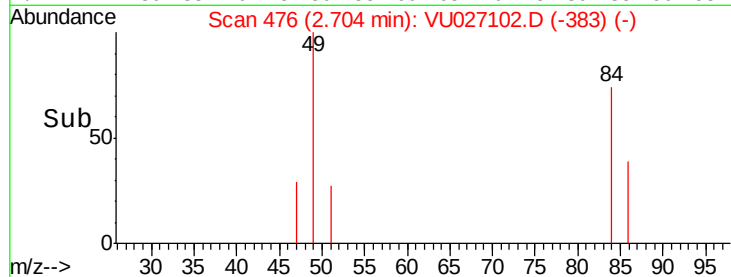
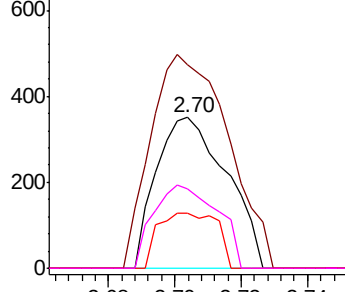


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#24

1,1-Dichloroethane

Concen: 0.217 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027102.D

Acq: 24 Sep 2018 12:39

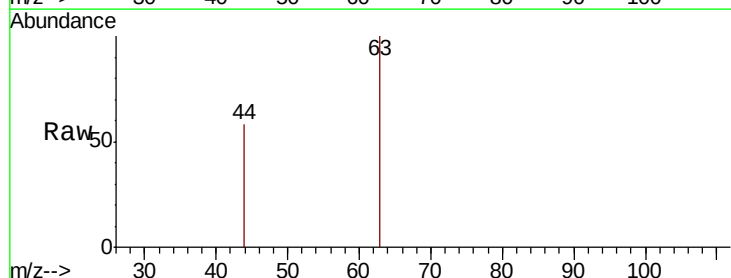
Tgt Ion: 63 Resp: 679

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

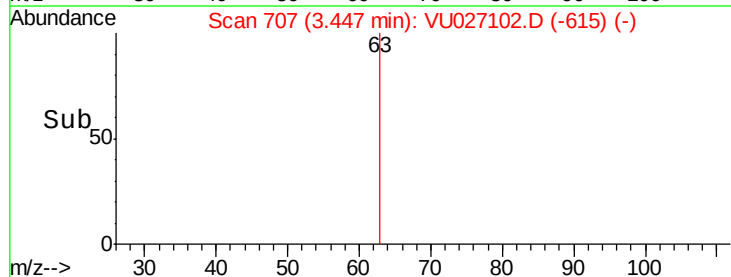
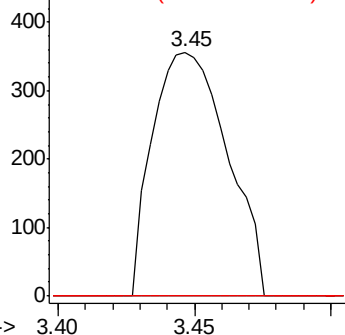
100 0.0 2.0 5.8#

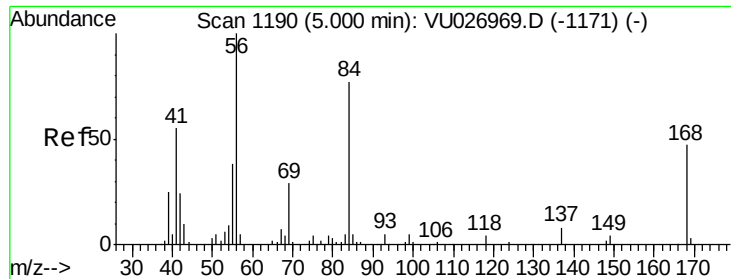


Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

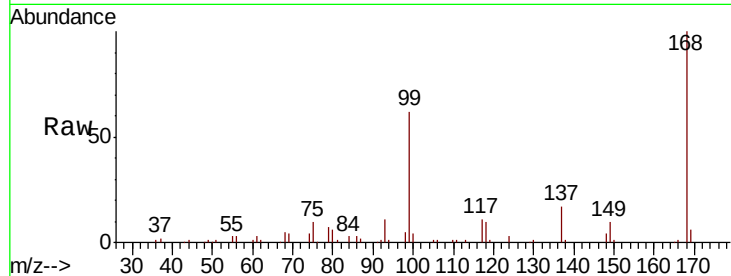




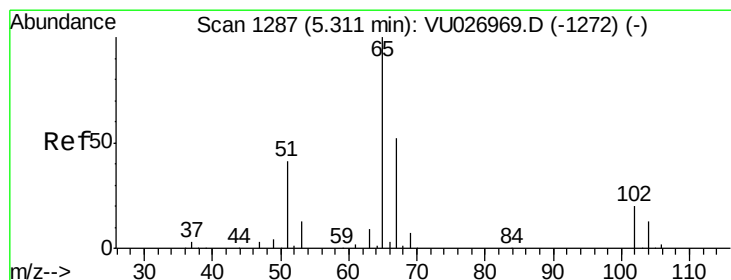
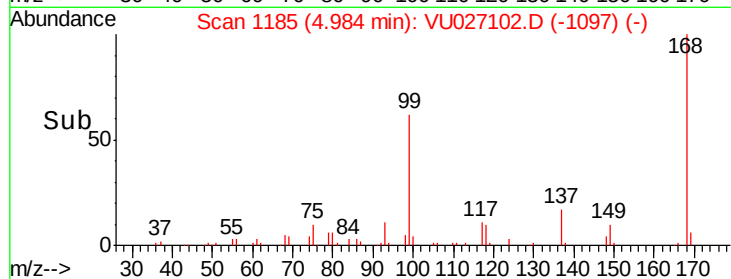
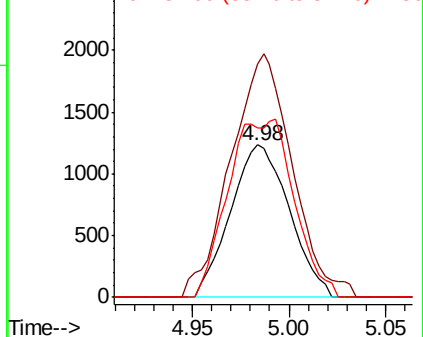
#31
Cyclohexane
Concen: 0.347 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027102.D
Acq: 24 Sep 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ144I-20180916

Tgt Ion: 56 Resp: 2609
Ion Ratio Lower Upper
56 100
69 142.3 23.0 34.4#
84 111.3 61.4 92.2#

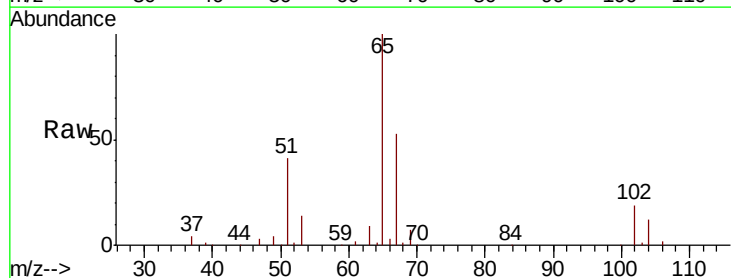


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

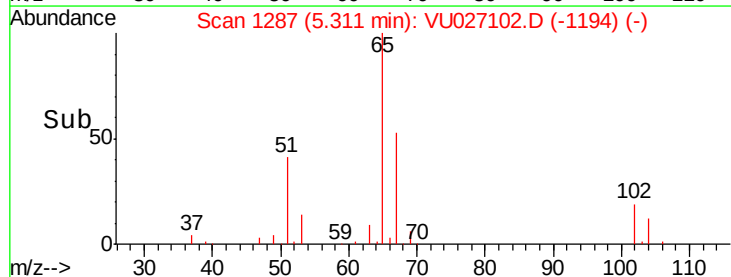
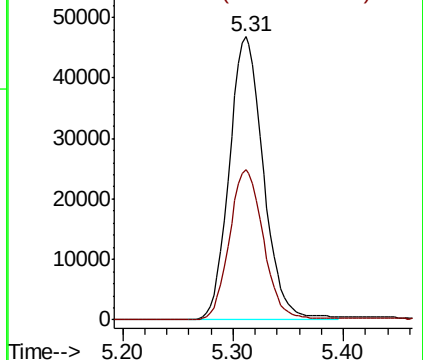


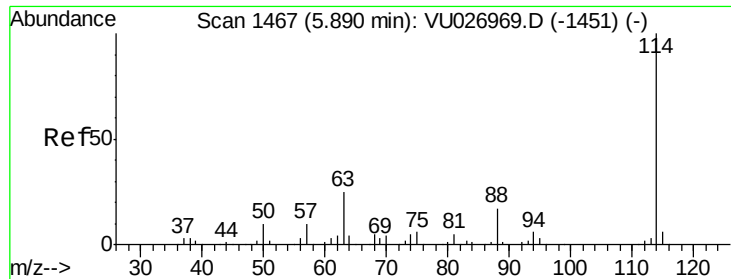
#33
1,2-Dichloroethane-d4
Concen: 52.791 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027102.D
Acq: 24 Sep 2018 12:39

Tgt Ion: 65 Resp: 100637
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.6



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

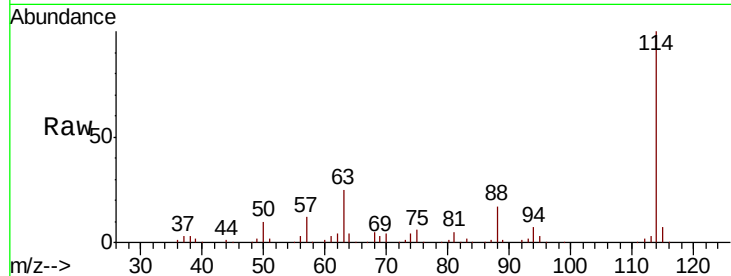




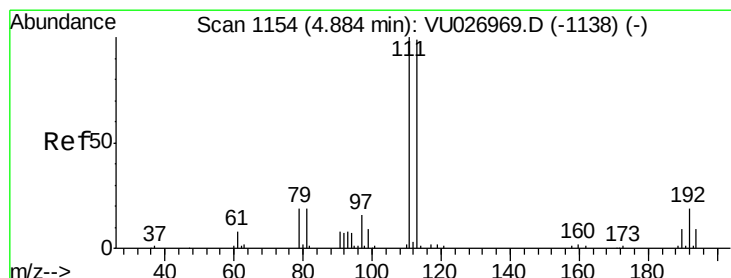
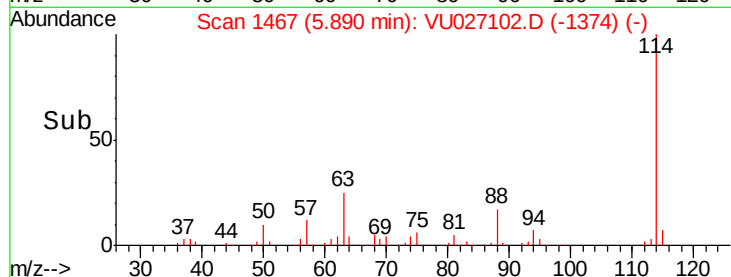
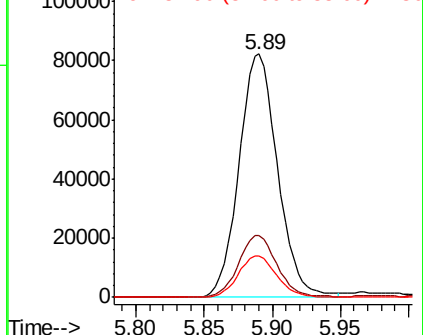
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027102.D
 Acq: 24 Sep 2018 12:39

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ144I-20180916

Tgt Ion:114 Resp: 161570
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.2 0.0 33.8

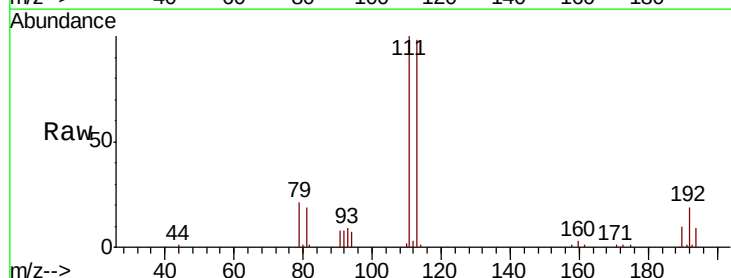


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

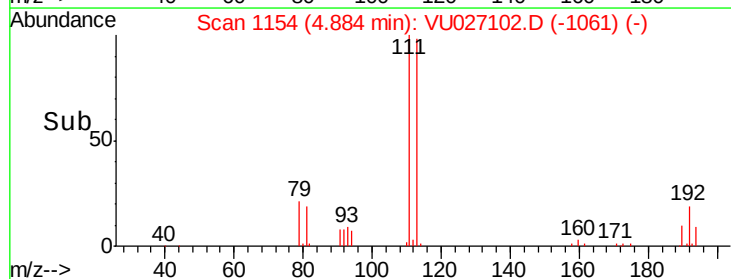
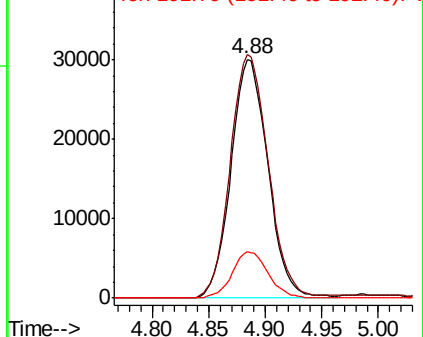


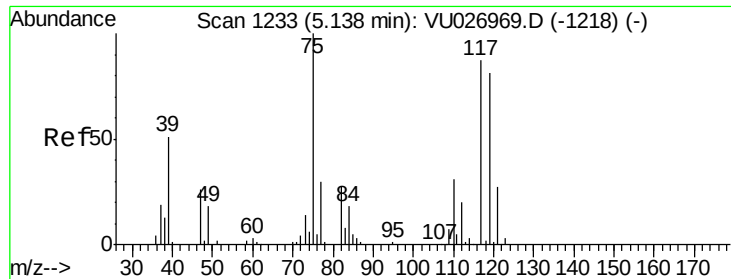
#35
 Dibromofluoromethane
 Concen: 48.884 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027102.D
 Acq: 24 Sep 2018 12:39

Tgt Ion:113 Resp: 68461
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.2 123.4
 192 18.8 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: 4.325 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027102.D

Acq: 24 Sep 2018 12:39

Instrument :

MSVOA_U

ClientSampleId :

SA-PZ144I-20180916

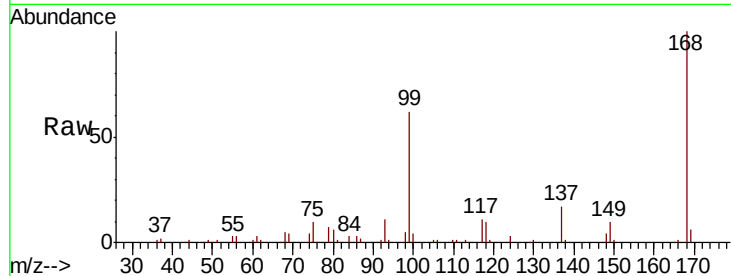
Tgt Ion: 75 Resp: 9326

Ion Ratio Lower Upper

75 100

110 6.9 16.1 48.2#

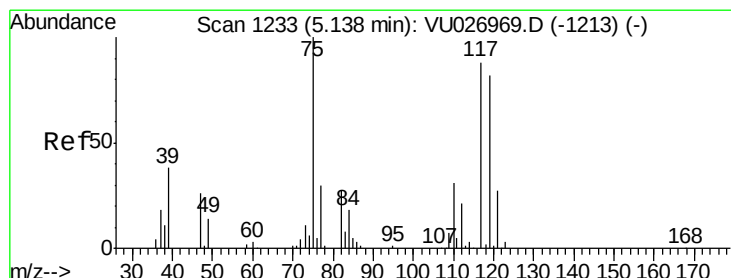
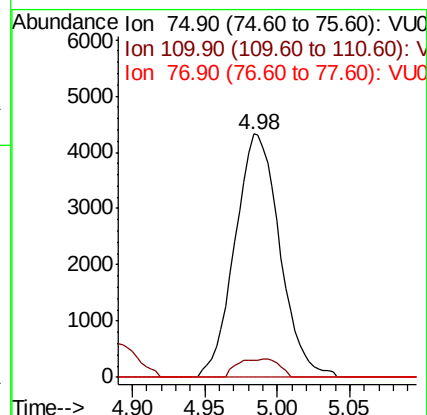
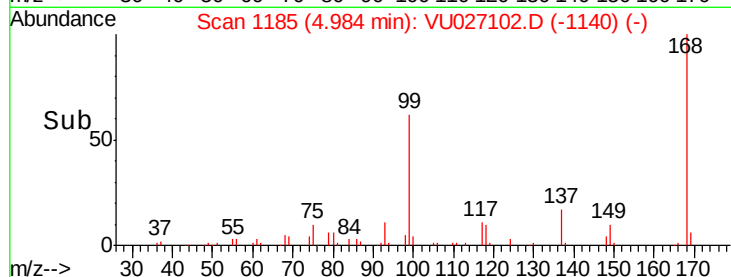
77 0.0 24.6 36.8#



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: 5.075 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027102.D

Acq: 24 Sep 2018 12:39

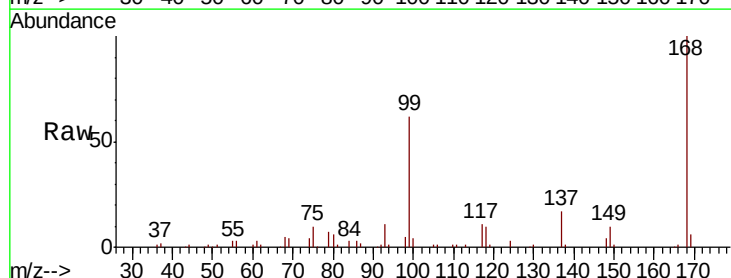
Tgt Ion: 117 Resp: 10415

Ion Ratio Lower Upper

117 100

119 5.5 74.4 111.6#

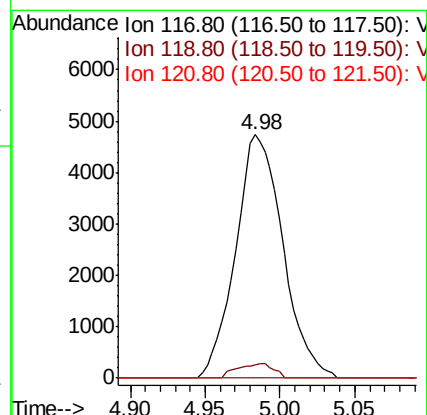
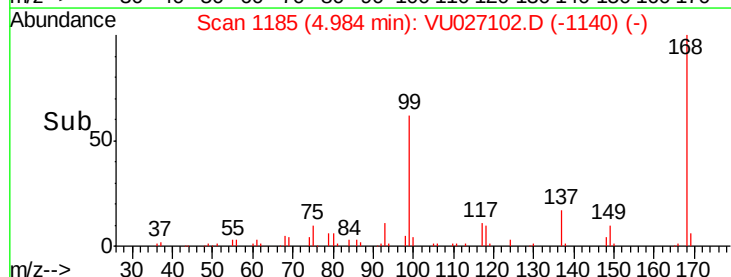
121 0.0 24.2 36.4#

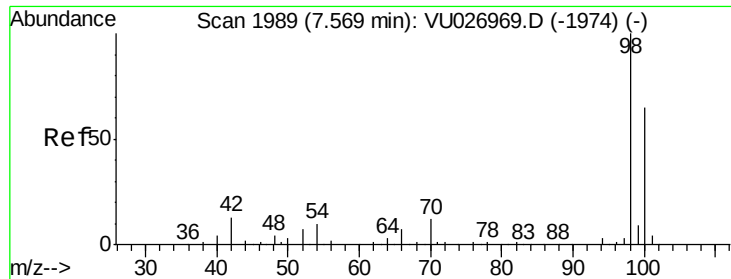


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

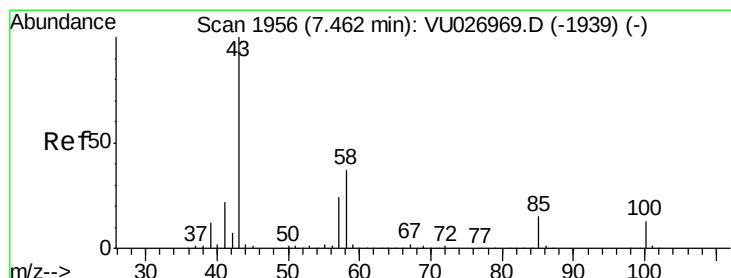
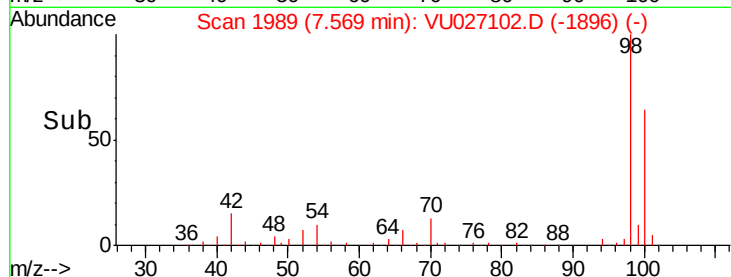
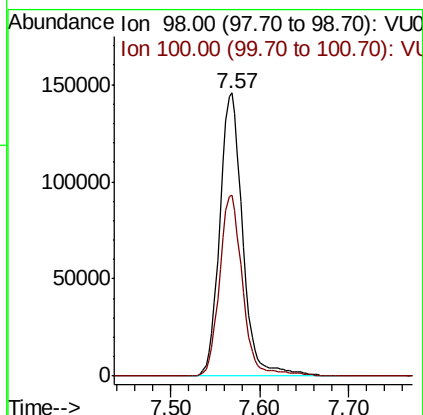
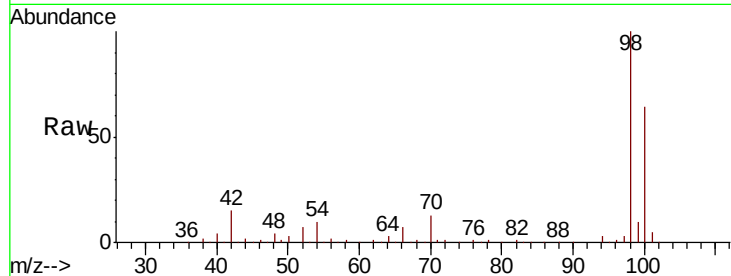




#50
Toluene-d8
Concen: 48.810 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027102.D
Acq: 24 Sep 2018 12:39

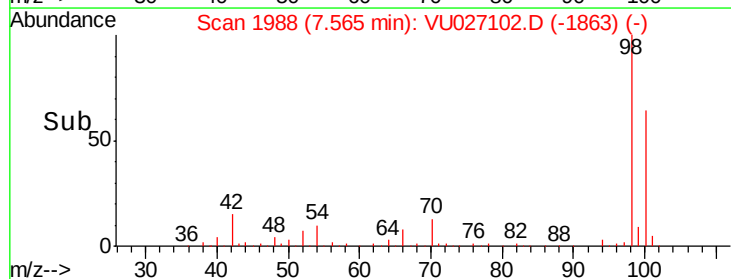
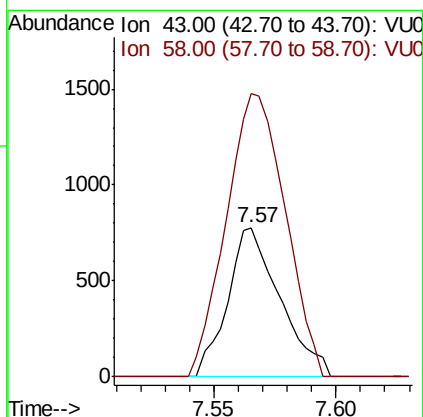
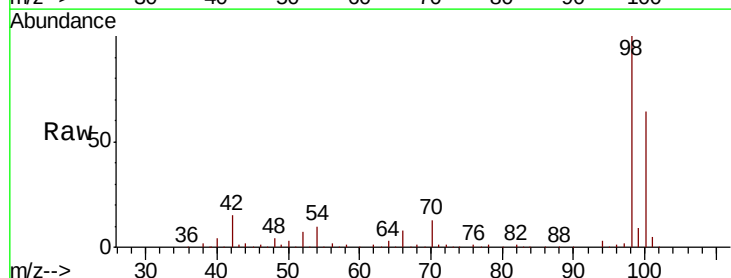
Instrument :
MSVOA_U
ClientSampleId :
SA-PZ144I-20180916

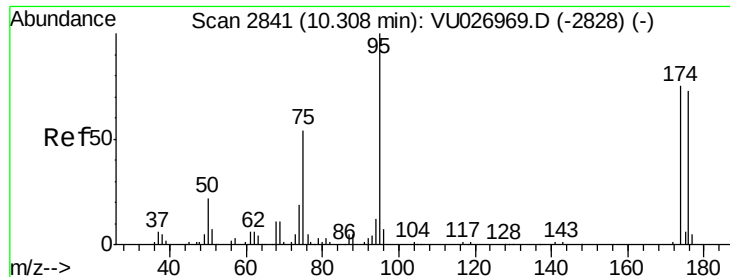
Tgt Ion: 98 Resp: 260513
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.405 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027102.D
Acq: 24 Sep 2018 12:39

Tgt Ion: 43 Resp: 1161
Ion Ratio Lower Upper
43 100
58 213.4 29.8 44.6#

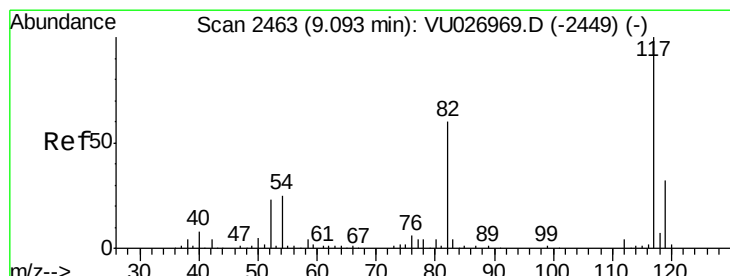
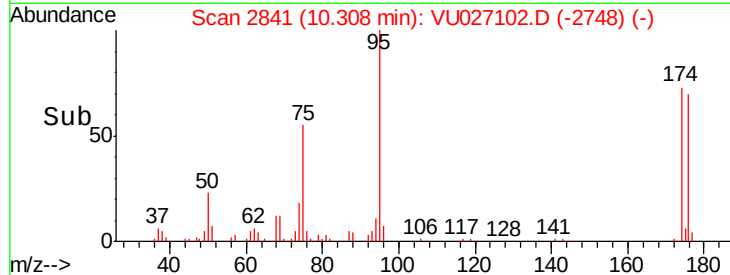
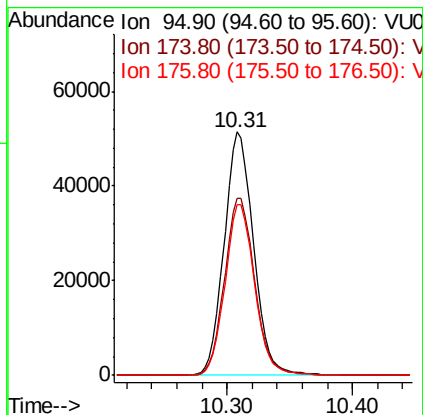
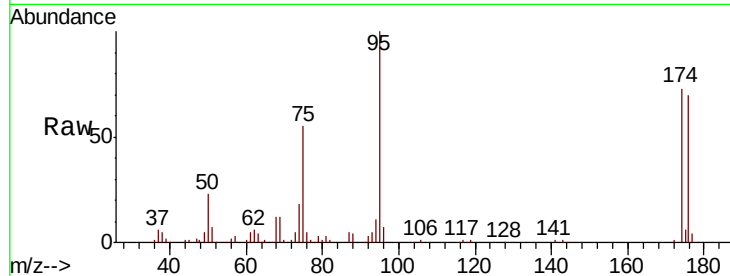




#62
 4-Bromofluorobenzene
 Concen: 45.670 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027102.D
 Acq: 24 Sep 2018 12:39

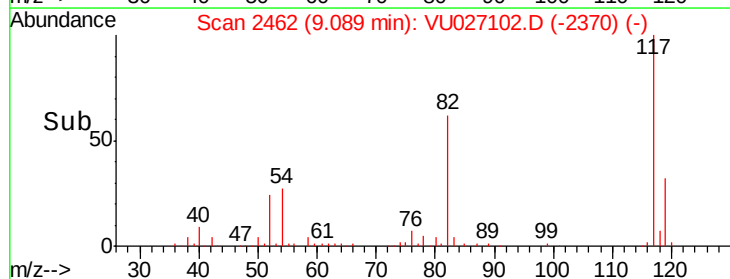
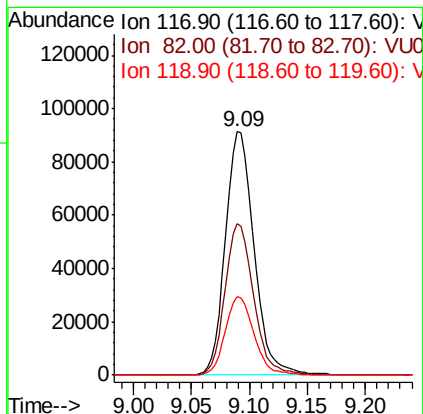
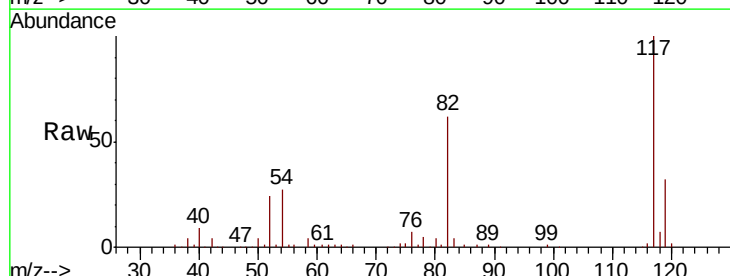
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ144I-20180916

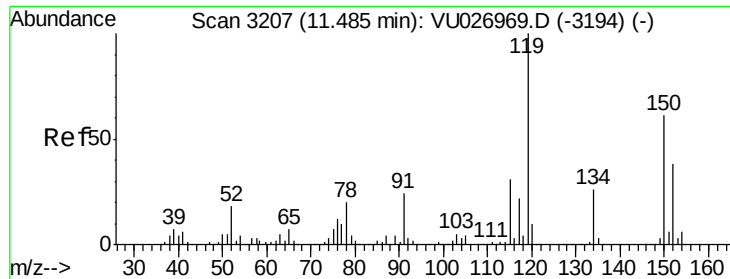
Tgt Ion: 95 Resp: 83640
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.2
 176 70.6 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027102.D
 Acq: 24 Sep 2018 12:39

Tgt Ion: 117 Resp: 156116
 Ion Ratio Lower Upper
 117 100
 82 62.4 48.0 72.0
 119 32.0 25.8 38.8

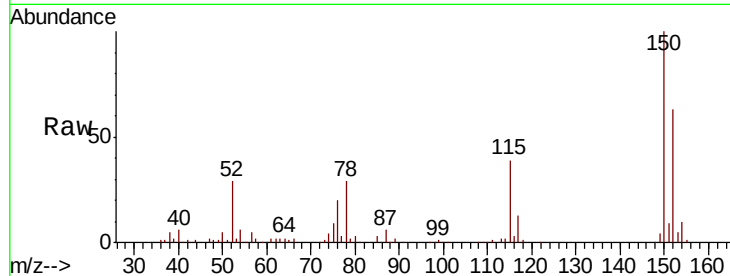




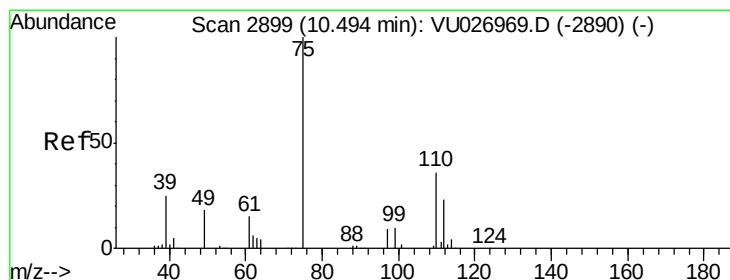
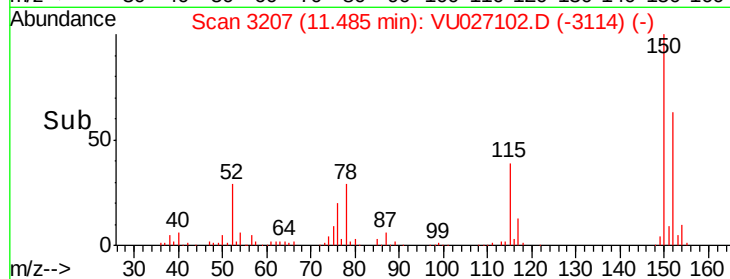
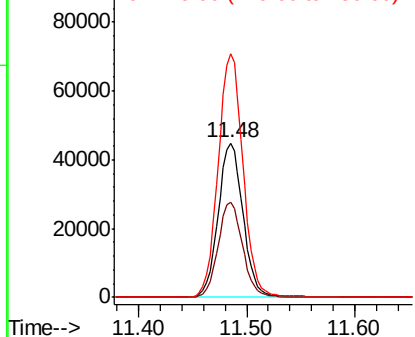
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027102.D
 Acq: 24 Sep 2018 12:39

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-PZ144I-20180916

Tgt Ion: 152 Resp: 71635
 Ion Ratio Lower Upper
 152 100
 115 60.7 44.9 134.5
 150 158.2 0.0 355.8

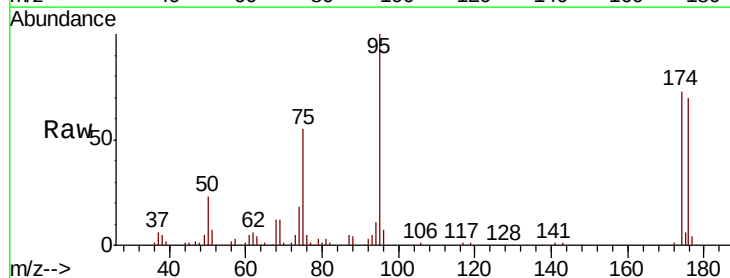


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

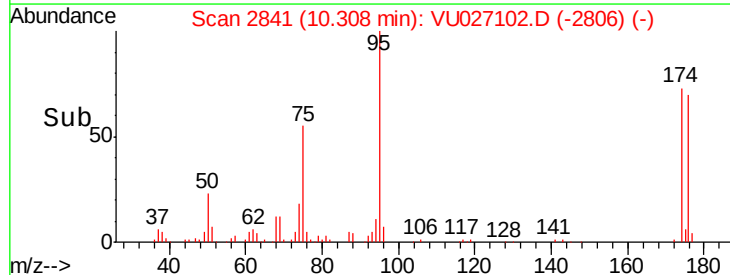
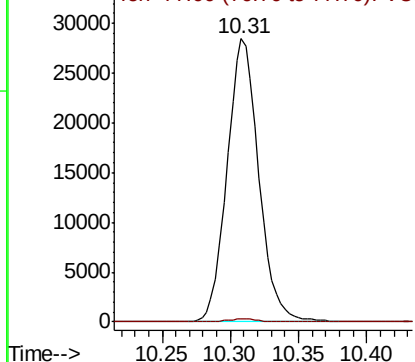


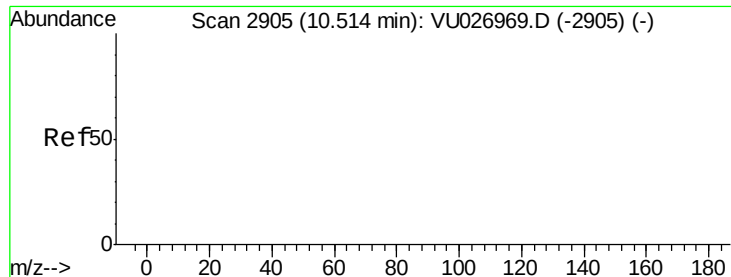
#76
 1,2,3-Trichloropropane
 Concen: 21.061 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027102.D
 Acq: 24 Sep 2018 12:39

Tgt Ion: 75 Resp: 45835
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 77.00 (76.70 to 77.70): VU0

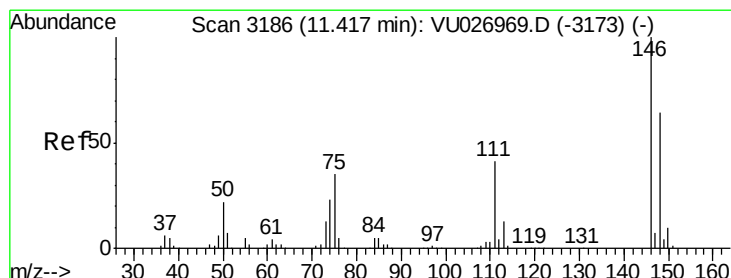
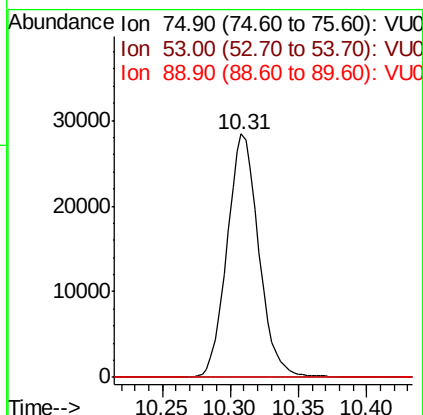
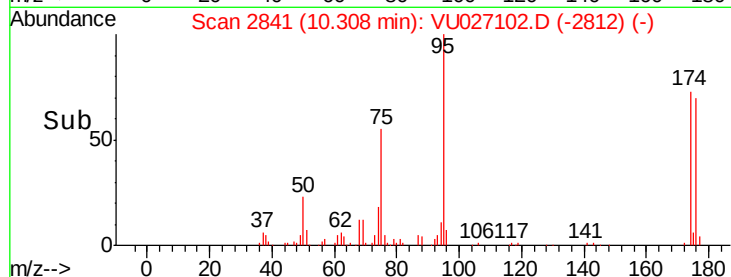
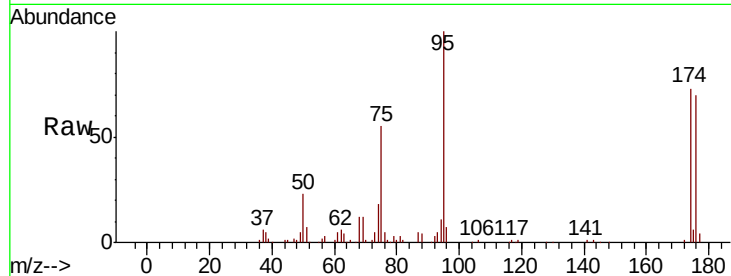




#81
trans-1,4-Dichloro-2-butene
Concen: 67.400 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027102.D
Acq: 24 Sep 2018 12:39

Instrument :
MSVOA_U
ClientSampleId :
SA-PZ144I-20180916

Tgt Ion: 75 Resp: 45835
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#87
1,3-Dichlorobenzene
Concen: 0.218 ug/l
RT: 11.51 min Scan# 3214
Delta R.T. 0.09 min
Lab File: VU027102.D
Acq: 24 Sep 2018 12:39

Tgt Ion: 146 Resp: 540
Ion Ratio Lower Upper
146 100
111 0.0 20.8 62.2#
148 0.0 32.0 96.2#

