

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092418\
 Data File : VU027112.D
 Acq On : 24 Sep 2018 16:31
 Operator : MD/SY
 Sample : J4969-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW129S-20180917

Quant Time: Sep 25 01:36:01 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	4.98	168	92239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156701	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	147868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	64372	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	96664	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	4.89	113	66437	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	7.57	98	251342	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	10.31	95	78307	44.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.18%	

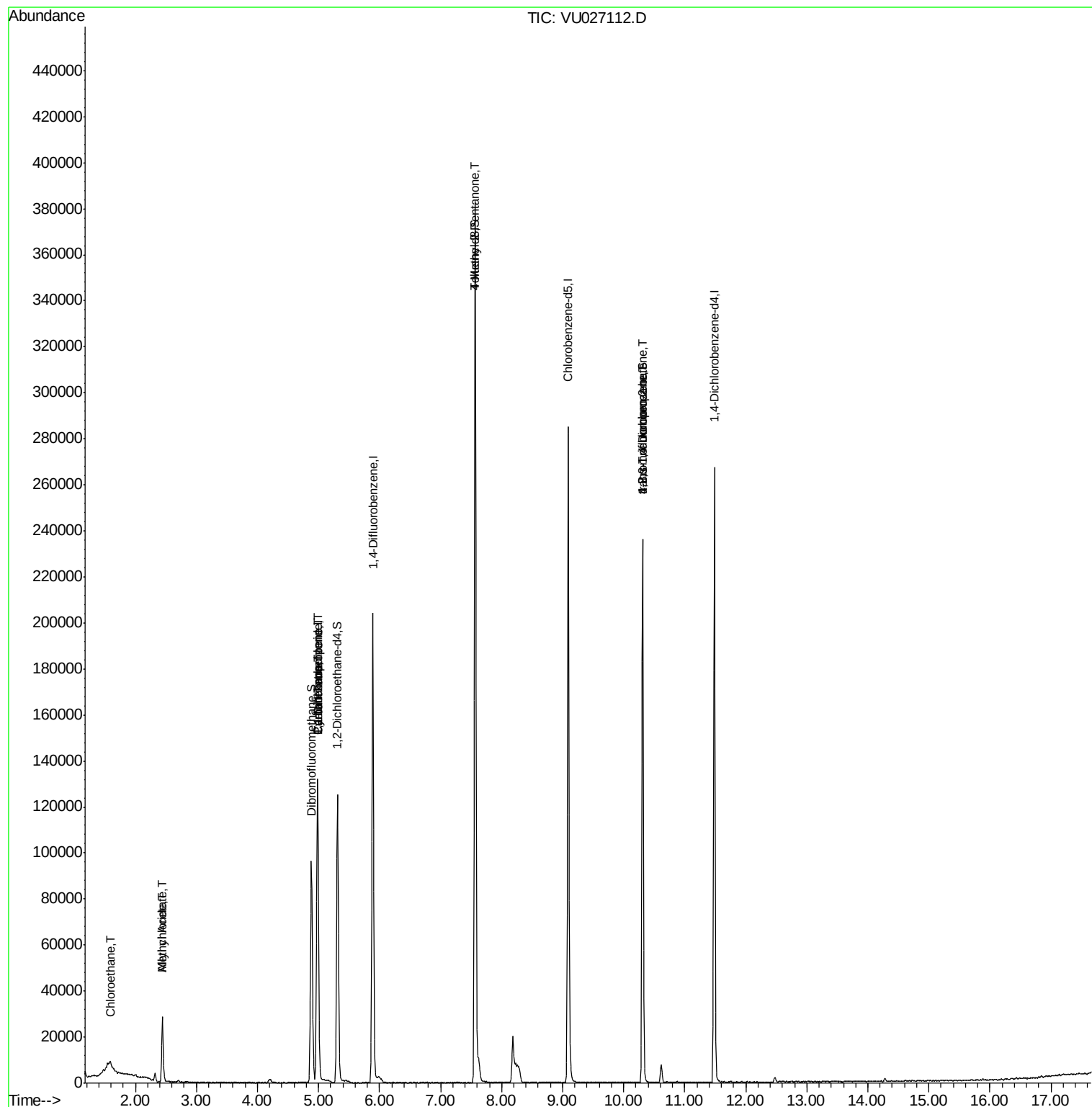
Target Compounds					Qvalue	
6) Chloroethane	1.59	64	14625	11.810	ug/l #	49
14) Allyl chloride	2.44	41	2981	1.154	ug/l #	75
16) Acetone	2.32	43	3940	Below Cal		99
18) Methyl Acetate	2.44	43	7265	2.749	ug/l #	55
31) Cyclohexane	4.98	56	2339	0.273	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9245	4.421	ug/l #	49
38) Carbon Tetrachloride	4.98	117	9688	4.868	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1234	0.444	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	42344	21.653	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	42344	69.292	ug/l #	100

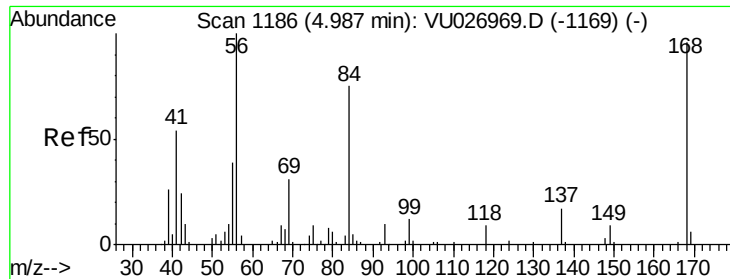
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027112.D

Acq: 24 Sep 2018 16:31

Instrument :

MSVOA_U

ClientSampleId :

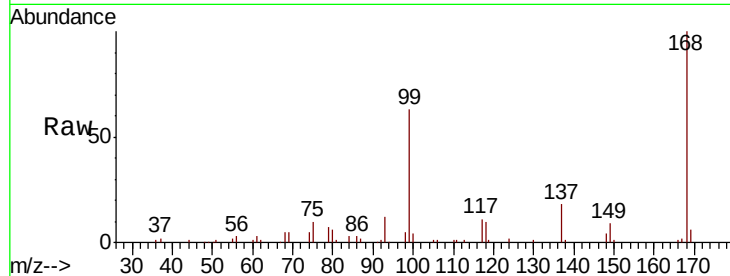
SA-MW129S-20180917

Tgt Ion:168 Resp: 92239

Ion Ratio Lower Upper

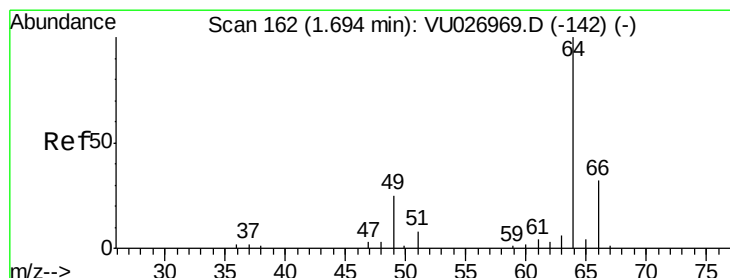
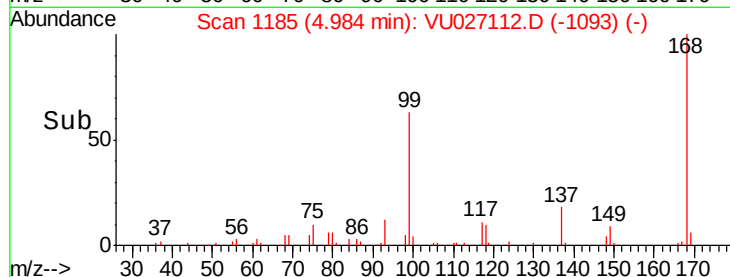
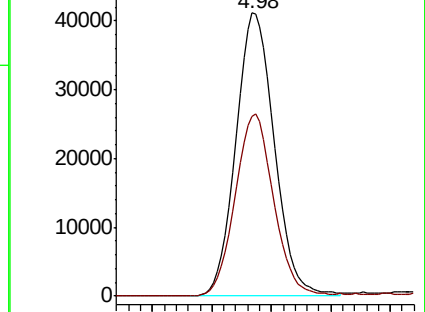
168 100

99 63.4 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) (-)



#6

Chloroethane

Concen: 11.810 ug/l

RT: 1.59 min Scan# 129

Delta R.T. -0.11 min

Lab File: VU027112.D

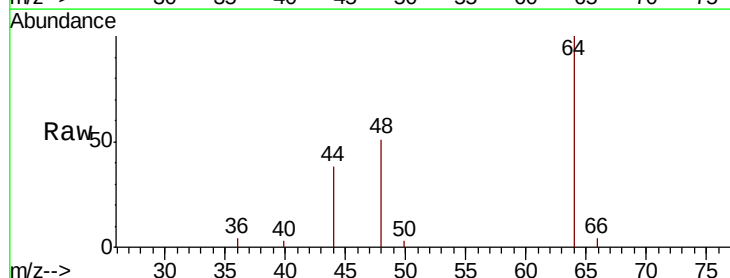
Acq: 24 Sep 2018 16:31

Tgt Ion: 64 Resp: 14625

Ion Ratio Lower Upper

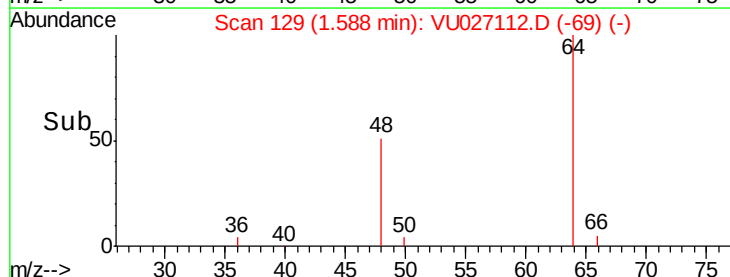
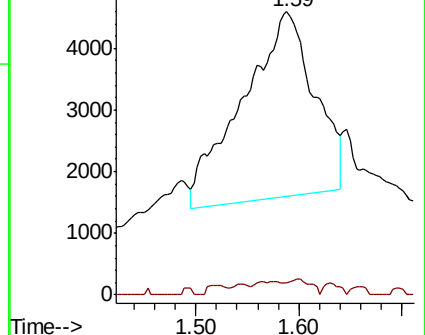
64 100

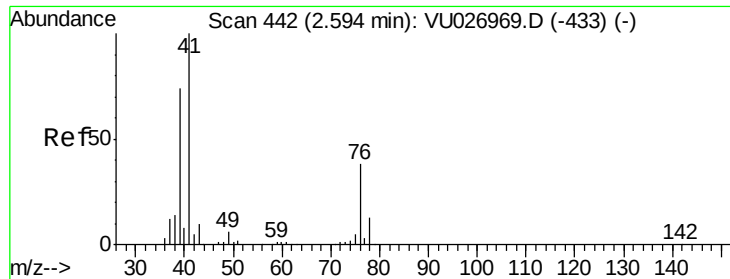
66 3.1 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)

Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)

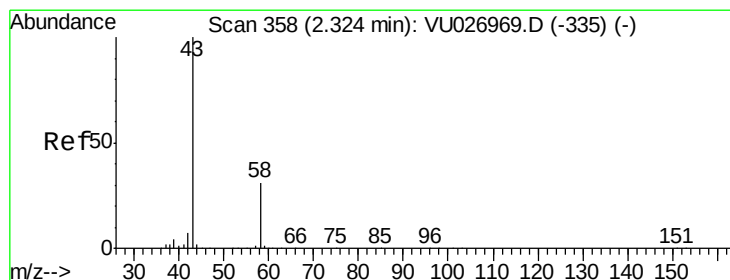
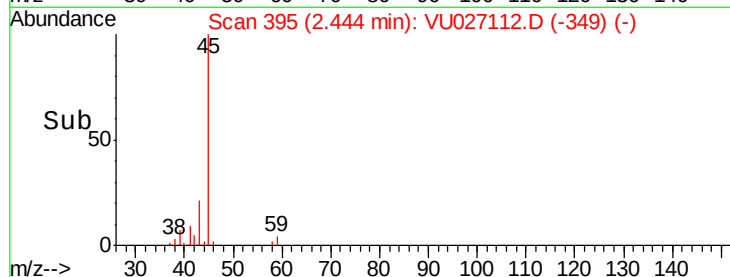
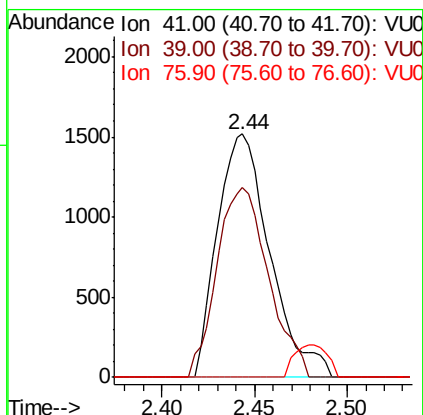
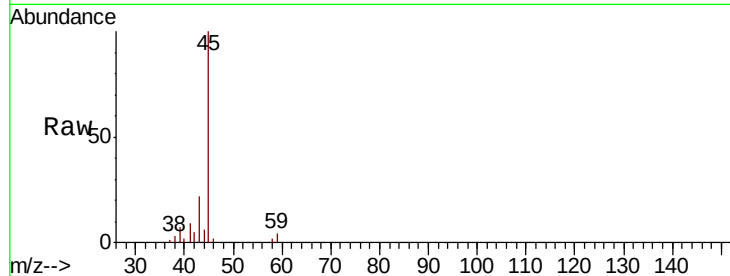




#14
 Allyl chloride
 Concen: 1.154 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU027112.D
 Acq: 24 Sep 2018 16:31

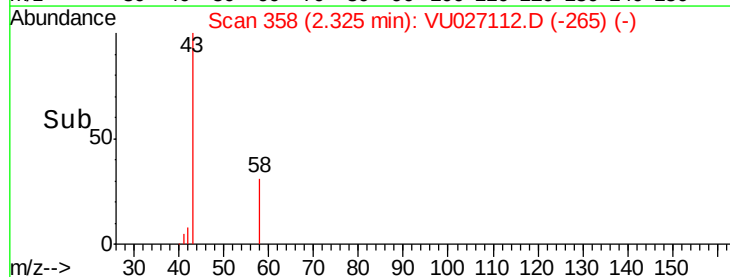
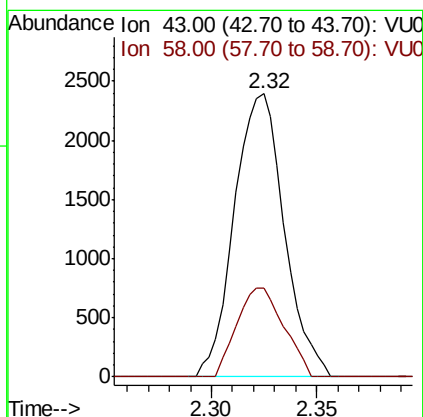
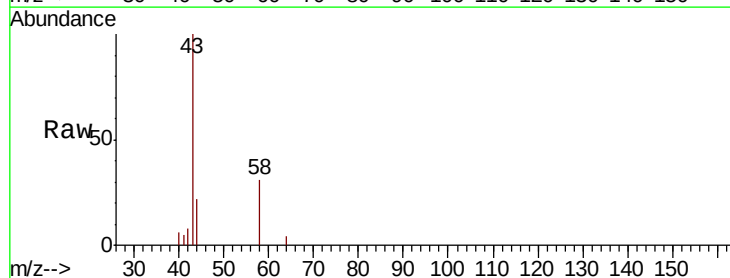
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 MSVOA_U
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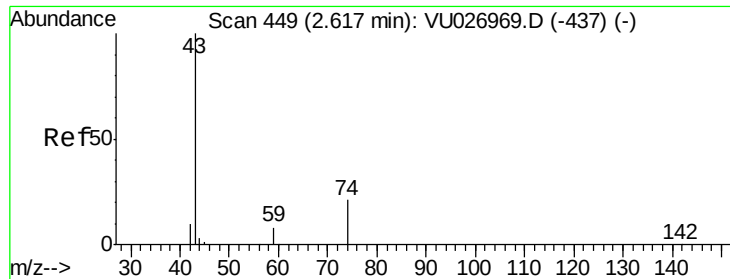
Tgt Ion: 41 Resp: 2981
 Ion Ratio Lower Upper
 41 100
 39 76.5 55.7 83.5
 76 0.0 26.5 39.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027112.D
 Acq: 24 Sep 2018 16:31

Tgt Ion: 43 Resp: 3940
 Ion Ratio Lower Upper
 43 100
 58 31.2 24.6 36.8

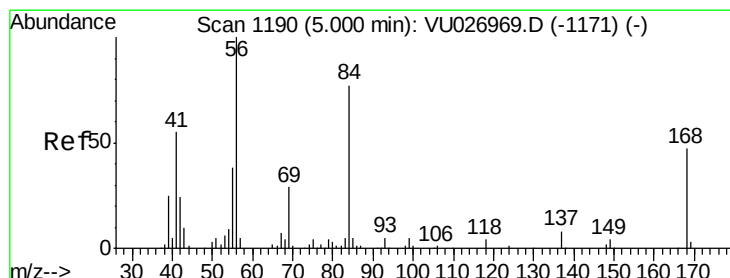
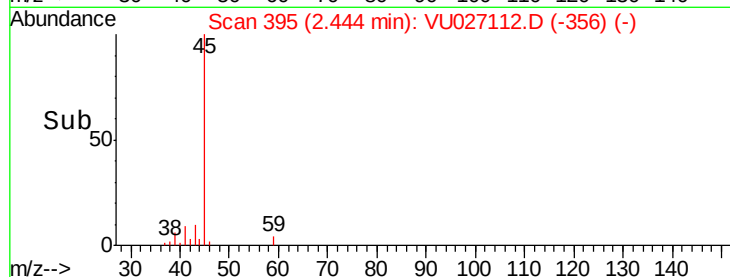
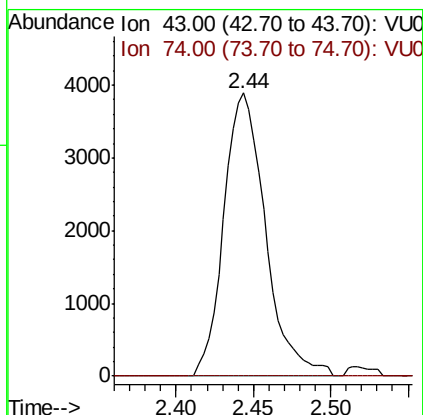
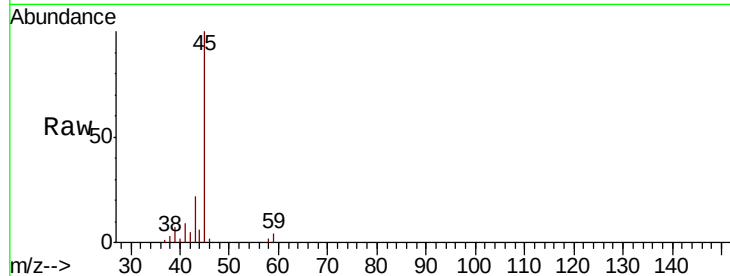




#18
Methyl Acetate
Concen: 2.749 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU027112.D
Acq: 24 Sep 2018 16:31

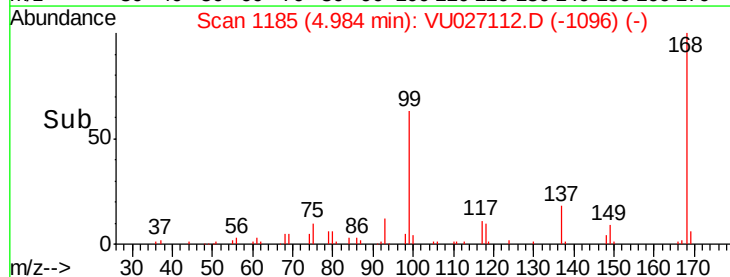
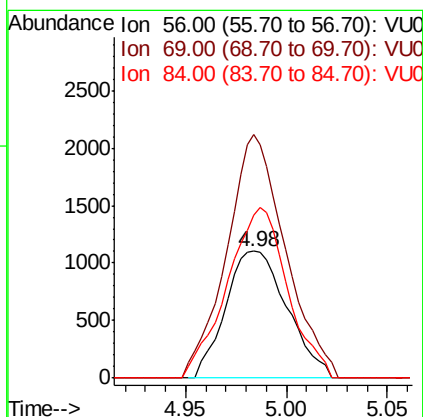
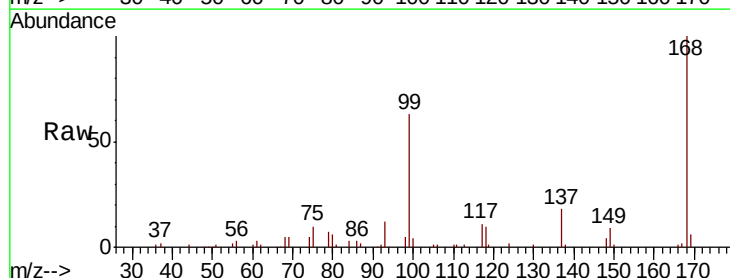
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MSVOA_U
ClientSampleId :
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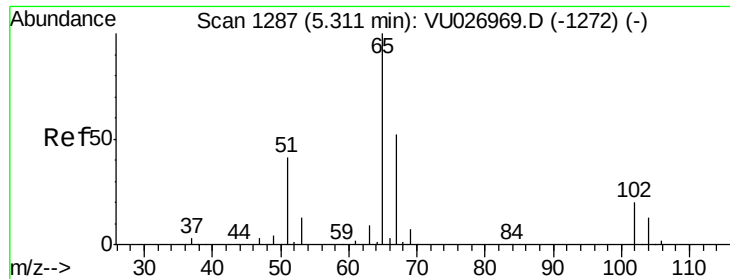
Tgt Ion: 43 Resp: 7265
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#31
Cyclohexane
Concen: 0.273 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027112.D
Acq: 24 Sep 2018 16:31

Tgt Ion: 56 Resp: 2339
Ion Ratio Lower Upper
56 100
69 192.3 23.0 34.4#
84 128.7 61.4 92.2#

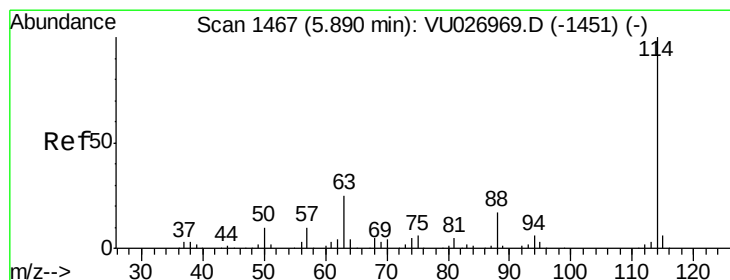
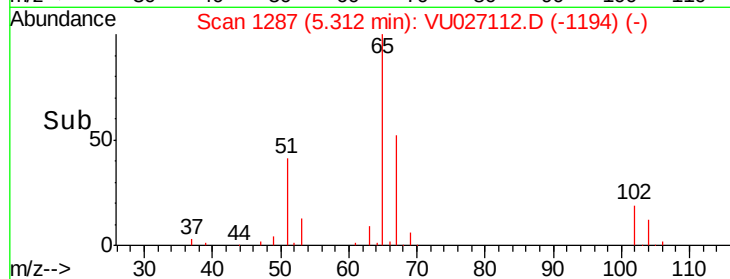
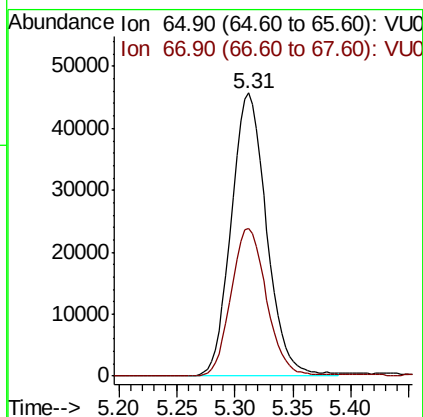
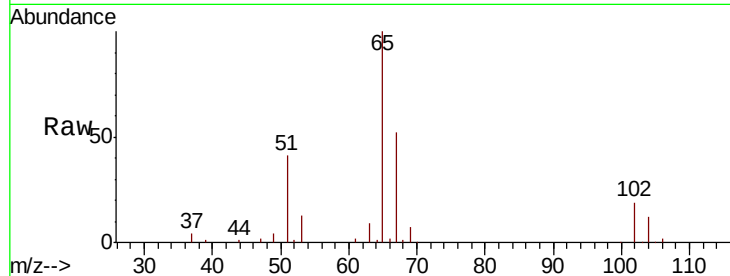




#33
 1,2-Dichloroethane-d4
 Concen: 52.069 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027112.D
 Acq: 24 Sep 2018 16:31

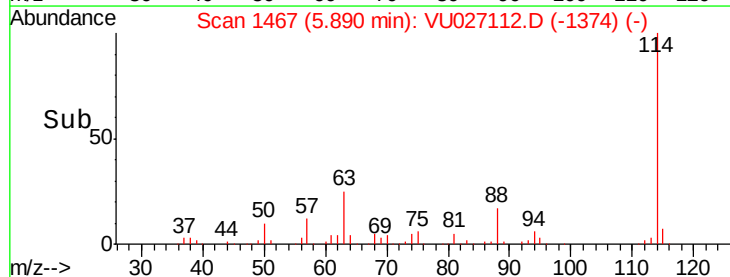
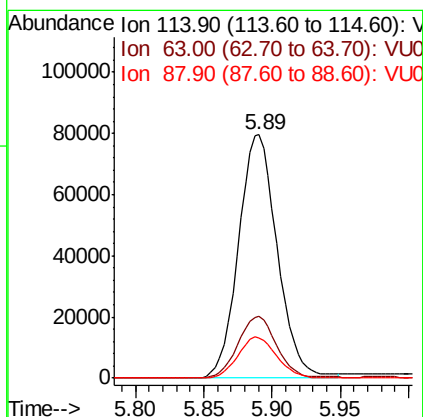
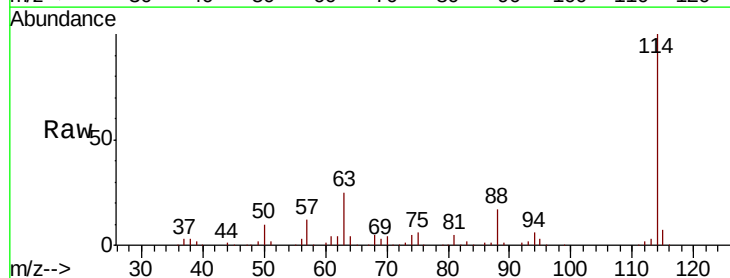
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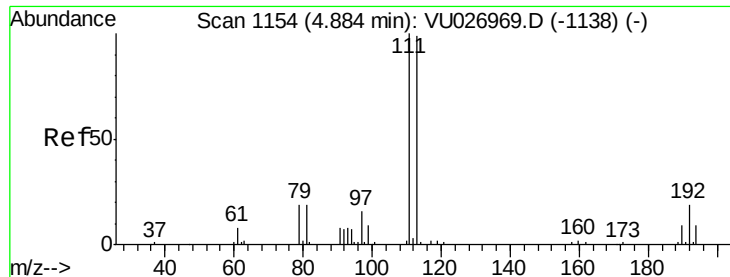
Tgt Ion: 65 Resp: 96664
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027112.D
 Acq: 24 Sep 2018 16:31

Tgt Ion: 114 Resp: 156701
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 16.7 0.0 33.8

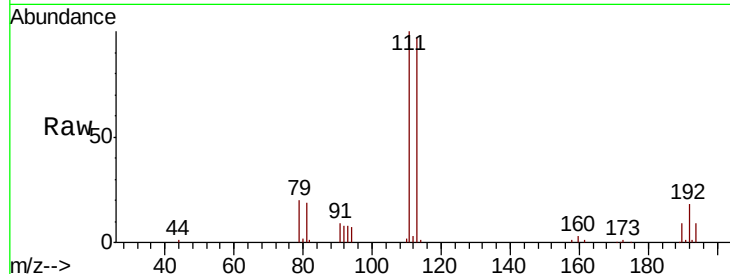




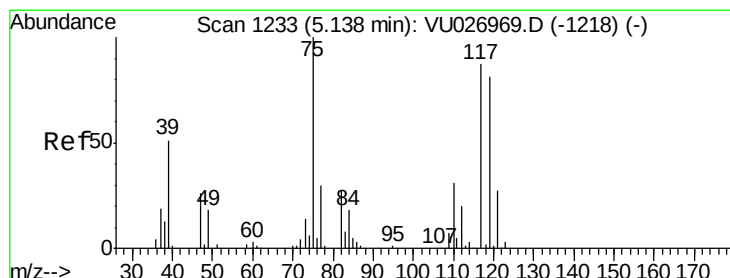
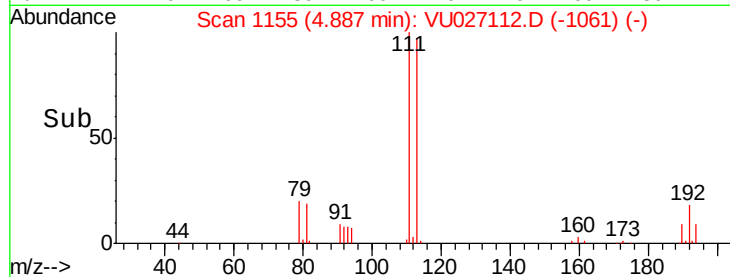
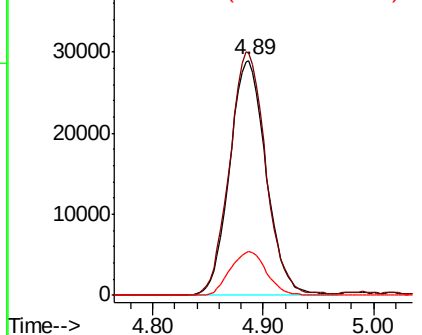
#35
 Dibromofluoromethane
 Concen: 48.912 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027112.D
 Acq: 24 Sep 2018 16:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW129S-20180917

Tgt Ion: 113 Resp: 66437
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 18.5 15.2 22.8

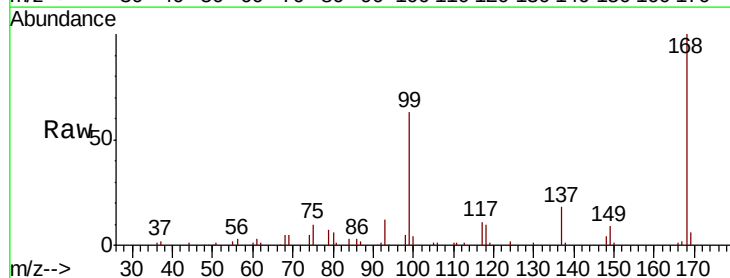


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

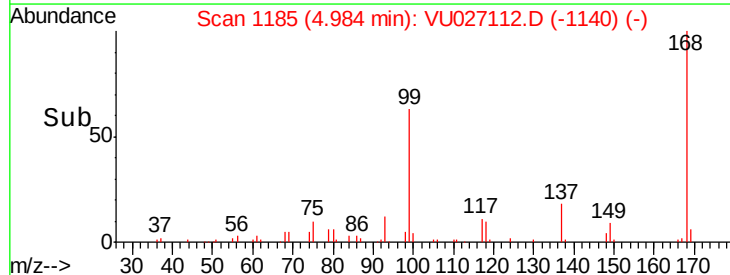
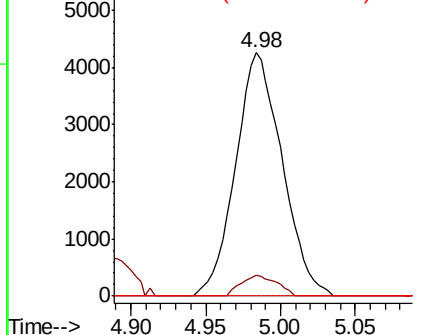


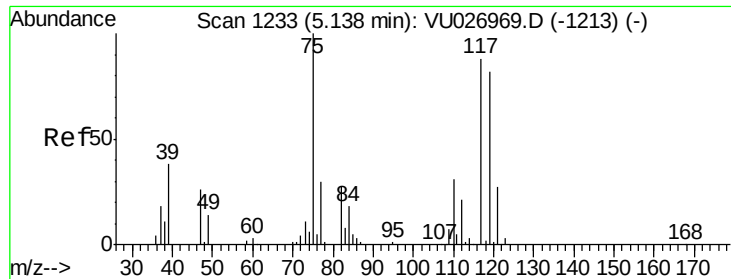
#36
 1,1-Dichloropropene
 Concen: 4.421 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027112.D
 Acq: 24 Sep 2018 16:31

Tgt Ion: 75 Resp: 9245
 Ion Ratio Lower Upper
 75 100
 110 6.5 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

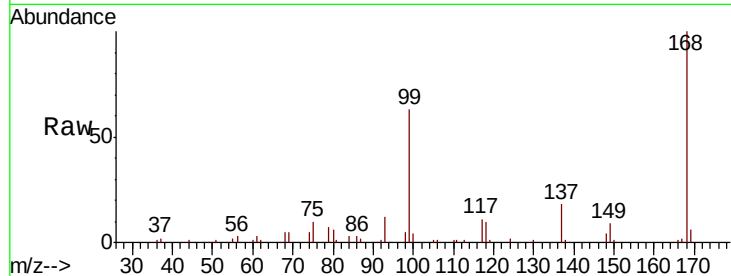




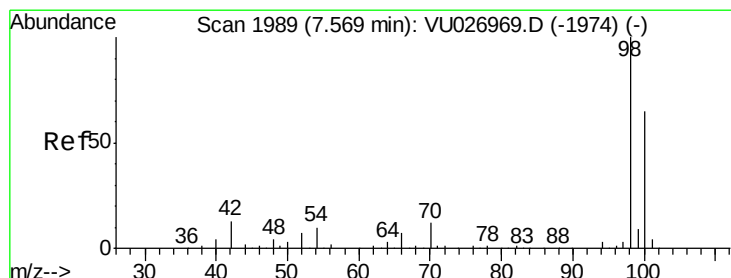
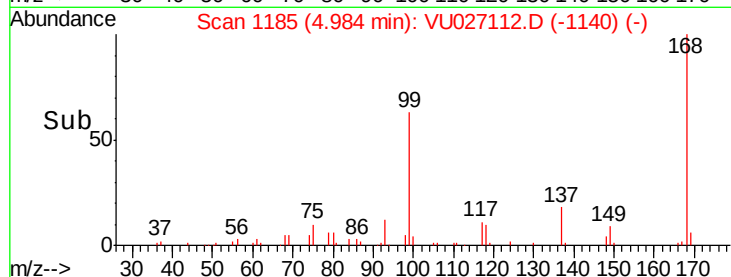
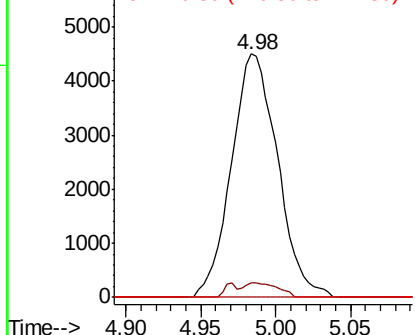
#38
Carbon Tetrachloride
Concen: 4.868 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU027112.D
Acq: 24 Sep 2018 16:31

Instrument :
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Tgt Ion:117 Resp: 9688
Ion Ratio Lower Upper
117 100
119 5.7 74.4 111.6#
121 0.0 24.2 36.4#

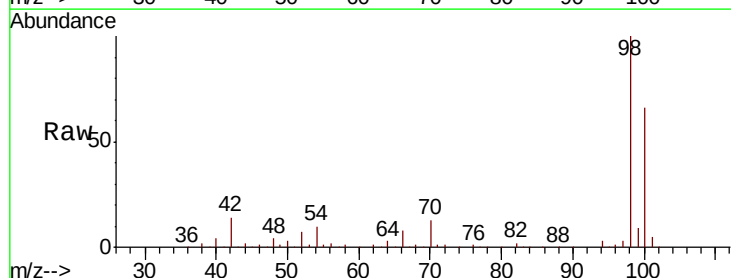


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

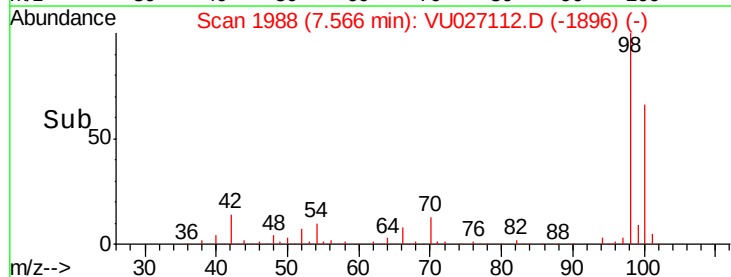
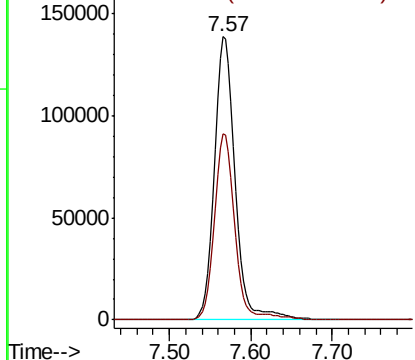


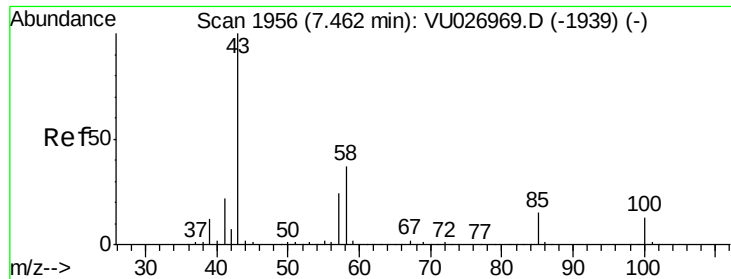
#50
Toluene-d8
Concen: 48.555 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027112.D
Acq: 24 Sep 2018 16:31

Tgt Ion: 98 Resp: 251342
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



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

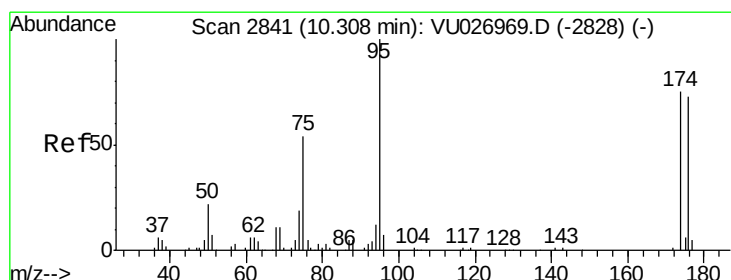
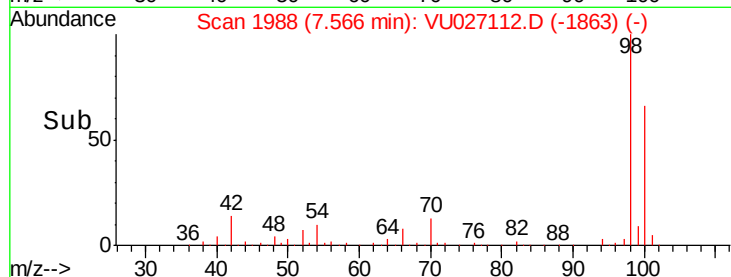
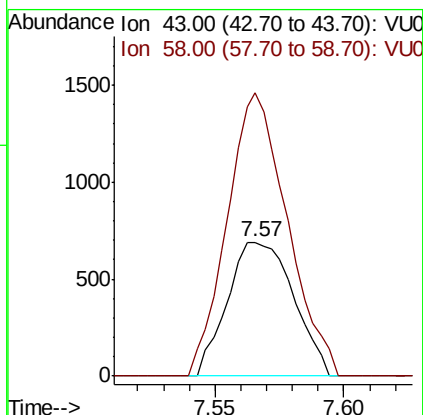
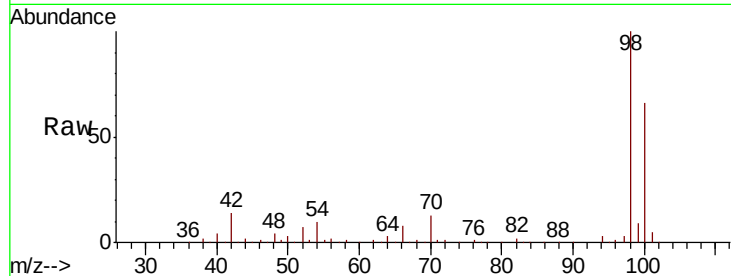




#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027112.D
Acq: 24 Sep 2018 16:31

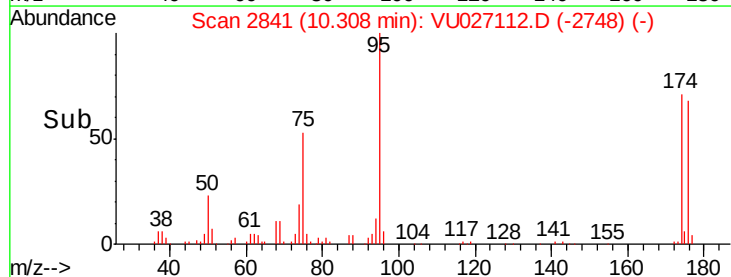
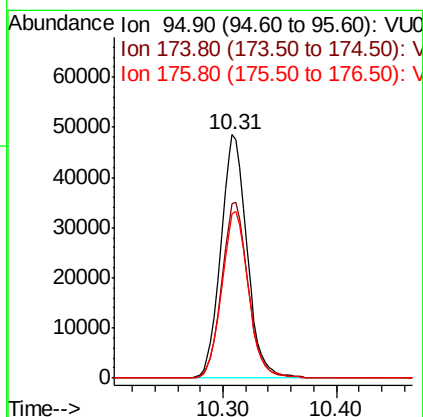
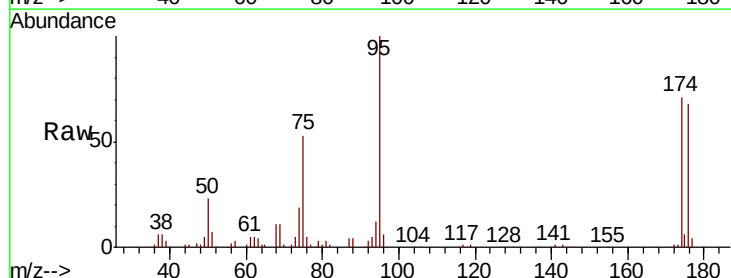
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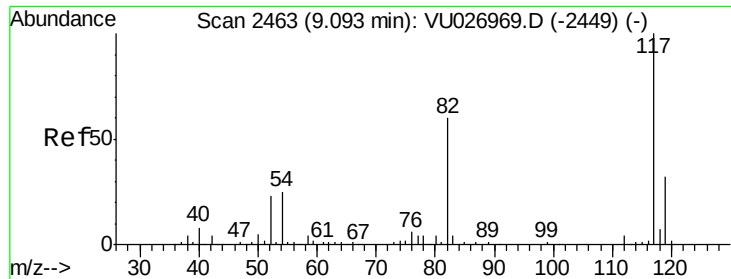
Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
58 192.3 29.8 44.6#



#62
4-Bromofluorobenzene
Concen: 44.086 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027112.D
Acq: 24 Sep 2018 16:31

Tgt Ion: 95 Resp: 78307
Ion Ratio Lower Upper
95 100
174 72.5 0.0 150.2
176 69.6 0.0 145.2

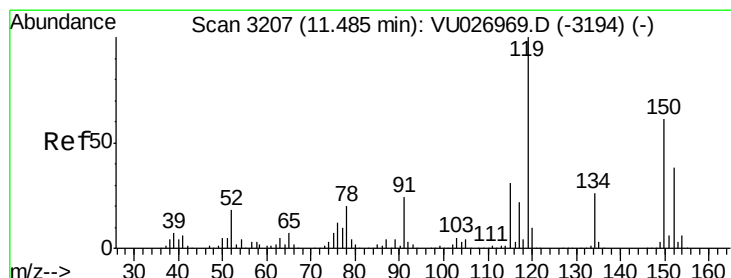
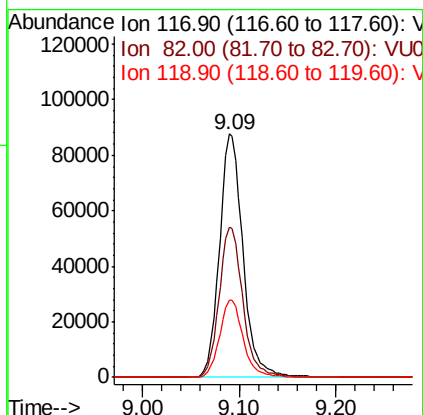
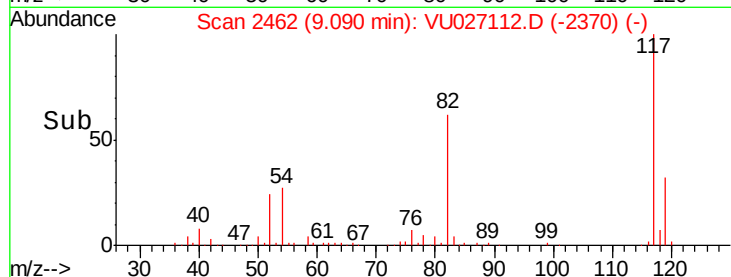
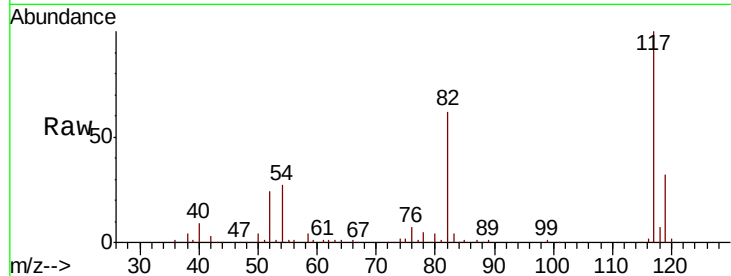




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027112.D
Acq: 24 Sep 2018 16:31

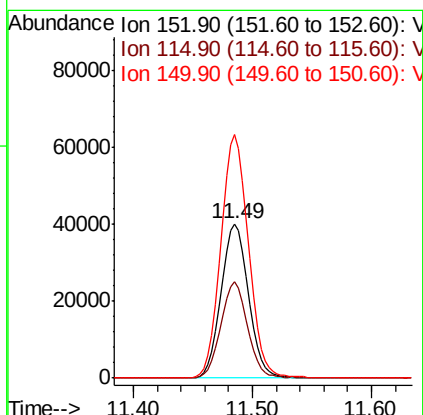
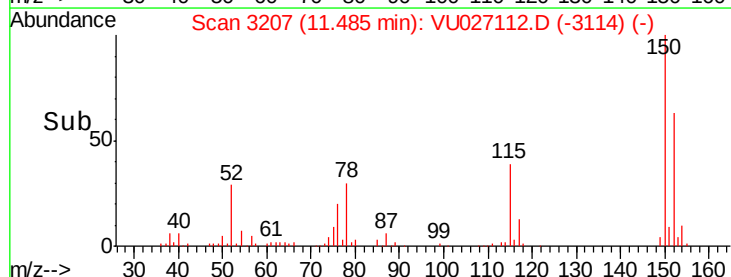
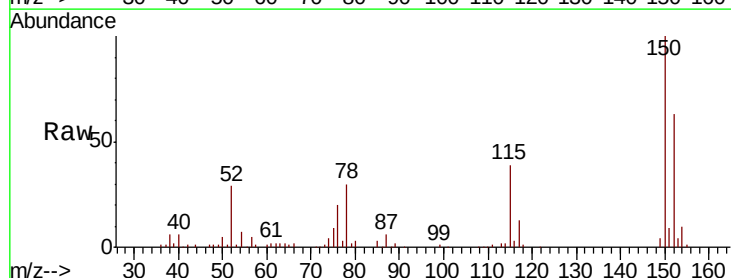
Instrument :
MSVOA_U
ClientSampleId :
SA-MW129S-20180917

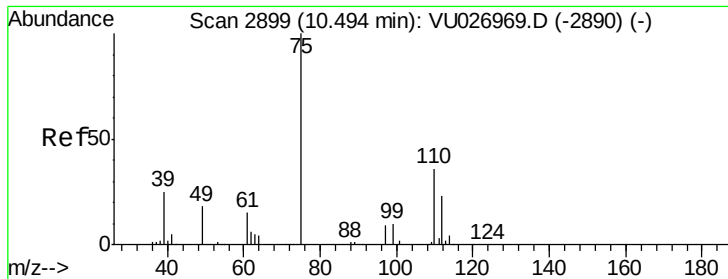
Tgt Ion:117 Resp: 147868
Ion Ratio Lower Upper
117 100
82 61.7 48.0 72.0
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027112.D
Acq: 24 Sep 2018 16:31

Tgt Ion:152 Resp: 64372
Ion Ratio Lower Upper
152 100
115 60.4 44.9 134.5
150 158.3 0.0 355.8

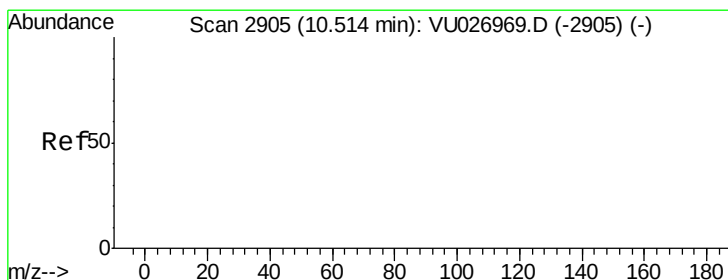
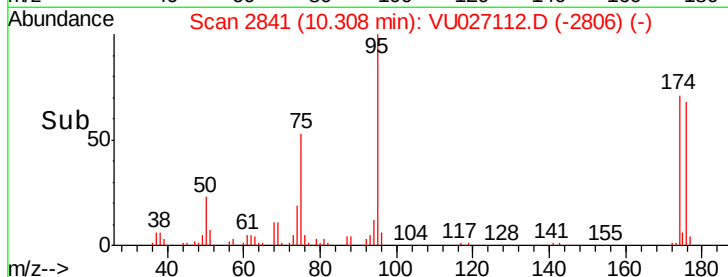
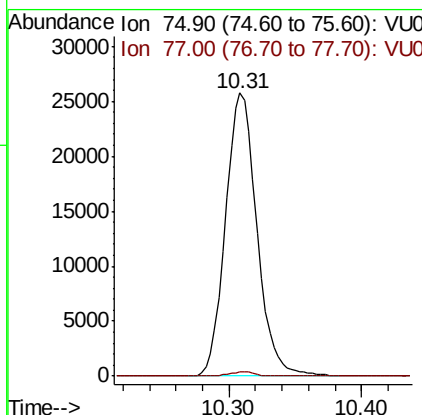
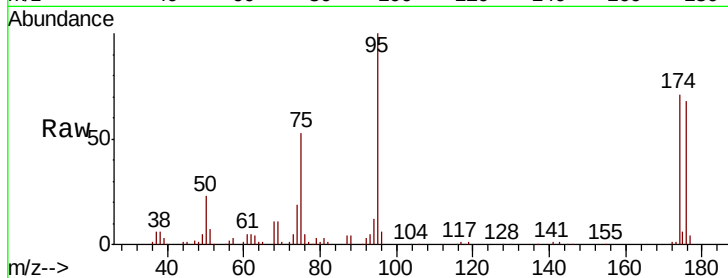




#76
 1,2,3-Trichloropropane
 Concen: 21.653 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027112.D
 Acq: 24 Sep 2018 16:31

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW129S-20180917

Tgt Ion: 75 Resp: 42344
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.292 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU027112.D
 Acq: 24 Sep 2018 16:31

Tgt Ion: 75 Resp: 42344
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

